

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005157.D
 Acq On : 06 Sep 2018 12:26
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
 APPROVED

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 9/7/2018 12:29:12 PM

Quant Time: Sep 06 14:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	530802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	769504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	751414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	415134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	239490	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.89	113	228208	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.33	98	1076221	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	402030	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	102828	24.04	ug/l	99
3) Chloromethane	2.21	50	147036	23.69	ug/l	99
4) Vinyl Chloride	2.35	62	141630	23.46	ug/l	99
5) Bromomethane	2.76	94	77399	17.89	ug/l	99
6) Chloroethane	2.91	64	78744	20.96	ug/l	100
7) Trichlorofluoromethane	3.25	101	157058	23.13	ug/l	99
8) Diethyl Ether	3.69	74	55211	22.47	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105905	22.71	ug/l	98
10) Methyl Iodide	4.27	142	95015	16.41	ug/l	100
11) Tert butyl alcohol	5.21	59	44340	181.36	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	94773	22.08	ug/l	96
13) Acrolein	3.90	56	34388	120.41	ug/l	99
14) Allyl chloride	4.68	41	152705	22.76	ug/l	98
15) Acrylonitrile	5.38	53	128247	123.76	ug/l	99
16) Acetone	4.14	43	120909	137.02	ug/l	95
17) Carbon Disulfide	4.38	76	341444	22.83	ug/l	99
18) Methyl Acetate	4.68	43	58860	22.67	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	248203	23.81	ug/l	99
20) Methylene Chloride	4.92	84	169698	26.65	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	109773	20.99	ug/l	96
22) Diisopropyl ether	6.32	45	326838	23.15	ug/l	97
23) Vinyl Acetate	6.26	43	939794	126.73	ug/l	99
24) 1,1-Dichloroethane	6.23	63	192392	21.80	ug/l	99
25) 2-Butanone	7.18	43	199683	130.46	ug/l	99
26) 2,2-Dichloropropane	7.17	77	165914	22.88	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	119980	20.97	ug/l	95
28) Bromochloromethane	7.52	49	81025	22.81	ug/l	94
29) Tetrahydrofuran	7.54	42	100427	128.41	ug/l	98
30) Chloroform	7.68	83	189702	21.06	ug/l	98
31) Cyclohexane	7.96	56	205395	23.77	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	167572	21.36	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166902	22.77	ug/l	98
37) Ethyl Acetate	7.26	43	72757	26.55	ug/l	100
38) Carbon Tetrachloride	8.07	117	148604	21.33	ug/l	99

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Manual Integrations
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Quant Time: Sep 06 14:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197059	22.23	ug/l	97
40) Benzene	8.33	78	479073	21.35	ug/l	99
41) Methacrylonitrile	7.49	41	39967	25.17	ug/l	97
42) 1,2-Dichloroethane	8.41	62	118173	21.52	ug/l	100
43) Isopropyl Acetate	8.43	43	125866	25.24	ug/l	100
44) Trichloroethene	9.10	130	127256	21.02	ug/l	99
45) 1,2-Dichloropropane	9.37	63	120212	21.93	ug/l	100
46) Dibromomethane	9.46	93	57087	21.78	ug/l	97
47) Bromodichloromethane	9.65	83	141012	21.37	ug/l	97
48) Methyl methacrylate	9.45	41	59050	24.59	ug/l	94
49) 1,4-Dioxane	9.46	88	20131	474.98	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	440641	131.83	ug/l	99
52) Toluene	10.39	92	324075	21.32	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147628	22.77	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178492	22.63	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	90445	22.29	ug/l	98
56) Ethyl methacrylate	10.65	69	110504	23.87	ug/l	99
57) 1,3-Dichloropropane	10.94	76	151972	22.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	262808	119.80	ug/l	98
59) 2-Hexanone	10.98	43	308061	136.27	ug/l	99
60) Dibromochloromethane	11.13	129	99021	21.59	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81629	22.28	ug/l	99
64) Tetrachloroethene	10.87	164	115276	19.55	ug/l	98
65) Chlorobenzene	11.66	112	354205	20.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	108123	20.92	ug/l	99
67) Ethyl Benzene	11.74	91	615264	21.51	ug/l	100
68) m/p-Xylenes	11.85	106	500055	43.67	ug/l	99
69) o-Xylene	12.17	106	227970	21.53	ug/l	100
70) Styrene	12.19	104	380191	21.74	ug/l	99
71) Bromoform	12.35	173	59497	21.72	ug/l #	98
73) Isopropylbenzene	12.47	105	617554	21.10	ug/l	100
74) N-amyl acetate	12.28	43	124744	24.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	104504	23.45	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67899m	21.79	ug/l	
77) Bromobenzene	12.75	156	146453	20.31	ug/l	96
78) n-propylbenzene	12.81	91	756932	21.42	ug/l	100
79) 2-Chlorotoluene	12.90	91	435466	21.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	534587	21.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29758	22.99	ug/l	96
82) 4-Chlorotoluene	12.99	91	465112	21.37	ug/l	99
83) tert-Butylbenzene	13.21	119	444778	21.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	544653	21.13	ug/l	99
85) sec-Butylbenzene	13.39	105	669349	21.55	ug/l	99
86) p-Isopropyltoluene	13.51	119	588968	21.42	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306722	20.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	302146	20.56	ug/l	99
89) n-Butylbenzene	13.83	91	549798	21.57	ug/l	99
90) Hexachloroethane	14.10	117	92321	20.21	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	271843	21.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16793	24.12	ug/l	95

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Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

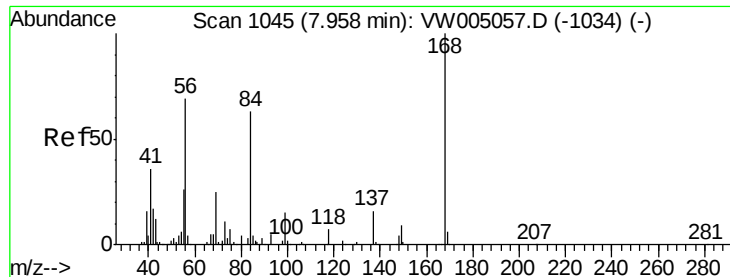
Manual Integrations
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Quant Time: Sep 06 14:06:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185568	21.43	ug/l	99
94) Hexachlorobutadiene	15.25	225	111912	20.78	ug/l	99
95) Naphthalene	15.38	128	306387	22.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	163338	22.04	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



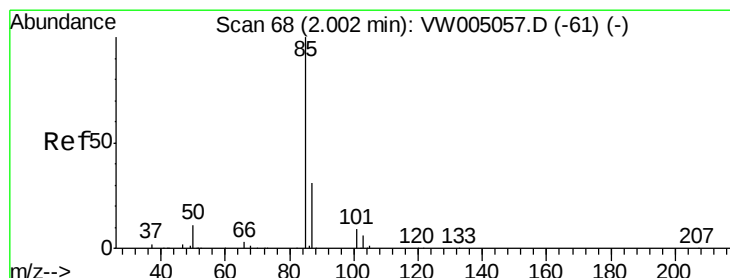
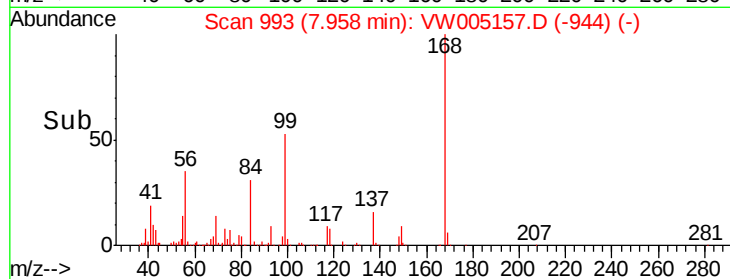
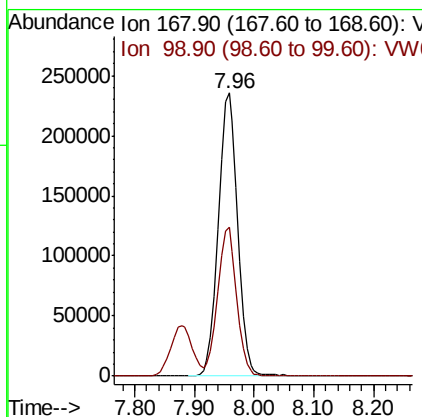
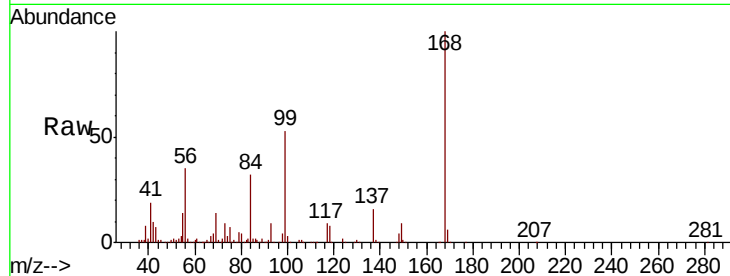
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.4	59.0

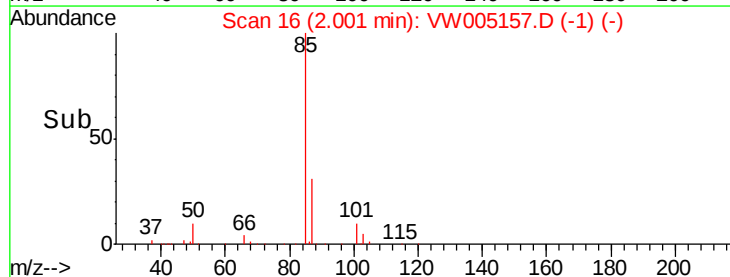
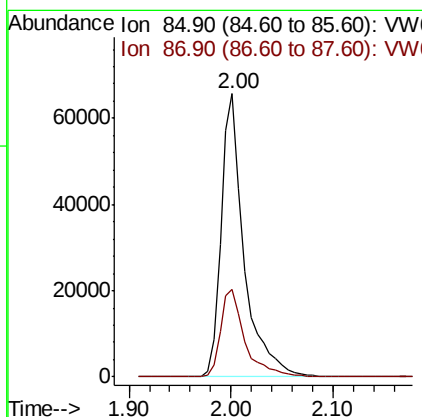
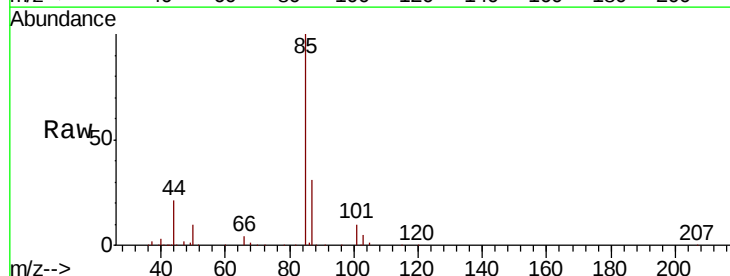
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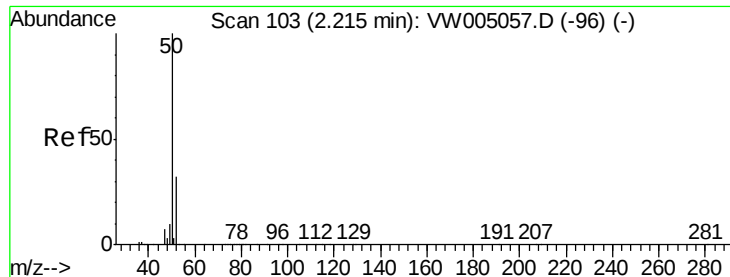
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#2
Dichlorodifluoromethane
Concen: 24.04 ug/l
RT: 2.00 min Scan# 16
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.8	47.3





#3

Chloromethane

Concen: 23.69 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 50 Resp: 147036

Ion Ratio Lower Upper

50 100

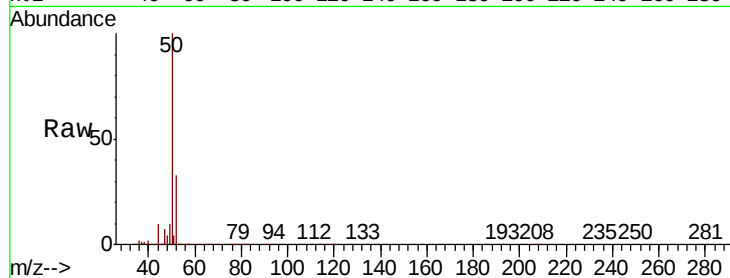
52 32.8 25.8 38.6

Manual Integrations

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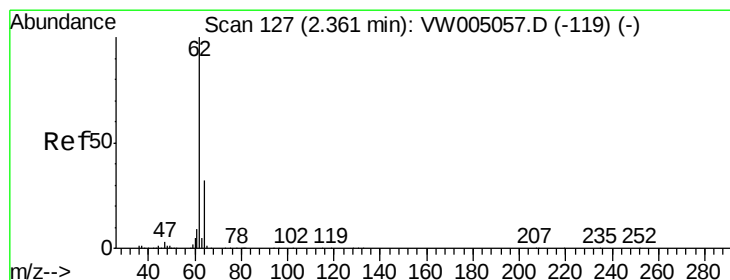
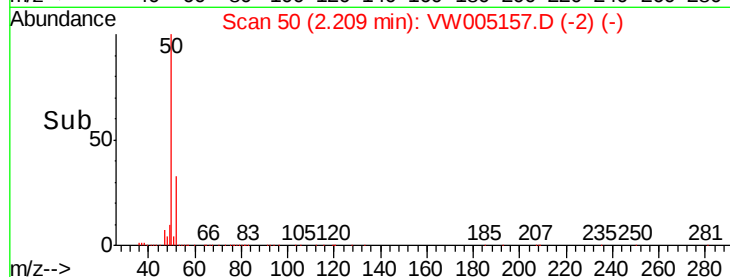
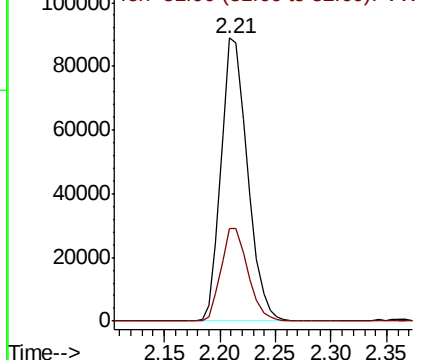
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.46 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005157.D

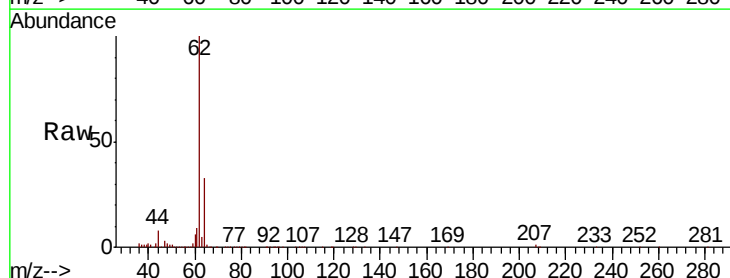
Acq: 06 Sep 2018 12:26

Tgt Ion: 62 Resp: 141630

Ion Ratio Lower Upper

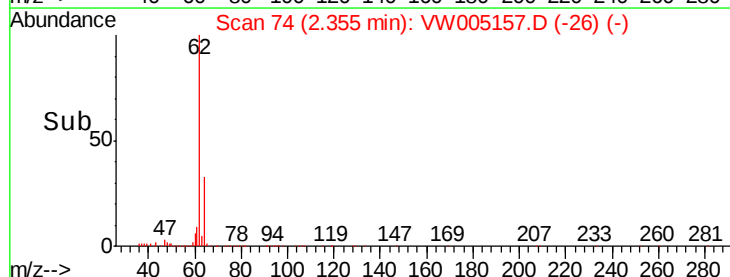
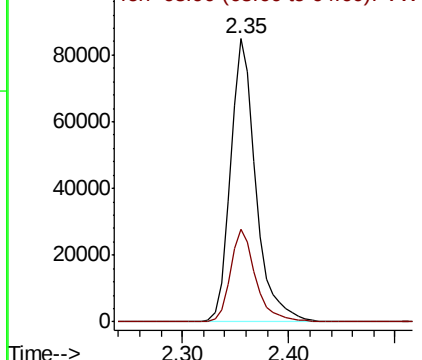
62 100

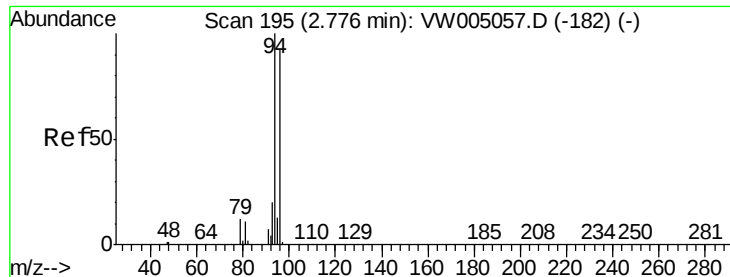
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 17.89 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 94 Resp: 77399

Ion Ratio Lower Upper

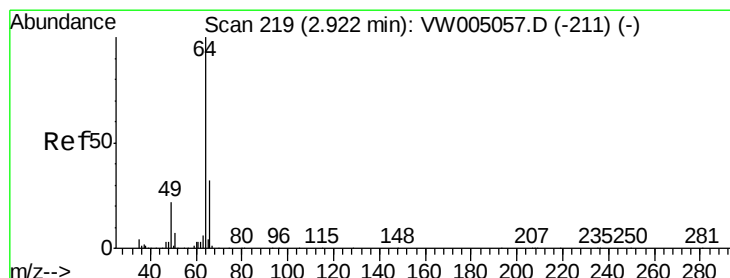
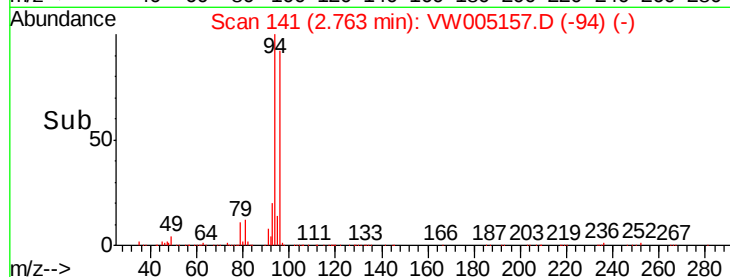
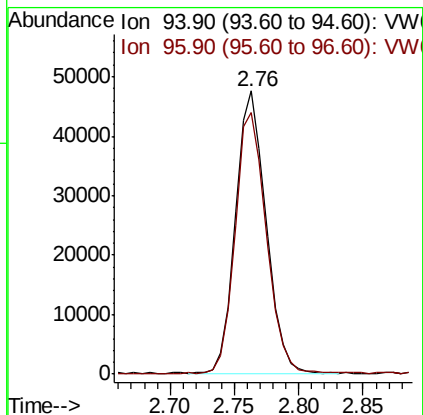
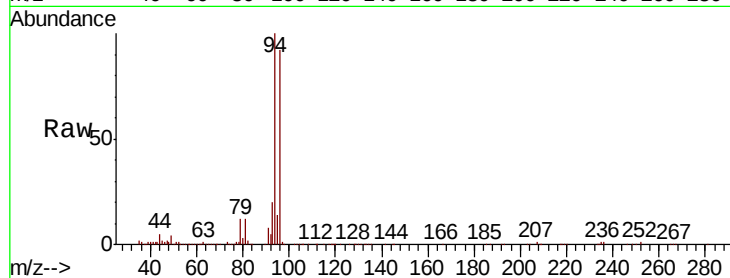
94 100

96 92.2 73.2 109.8

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#6

Chloroethane

Concen: 20.96 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005157.D

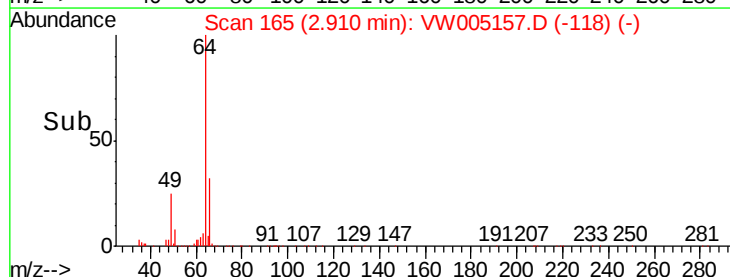
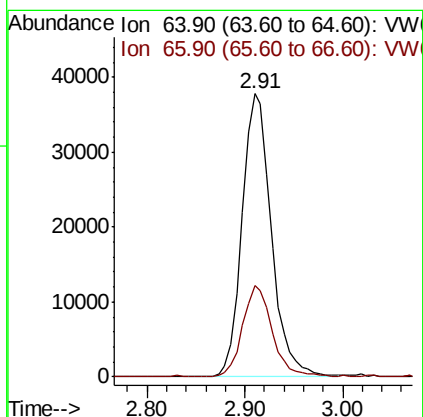
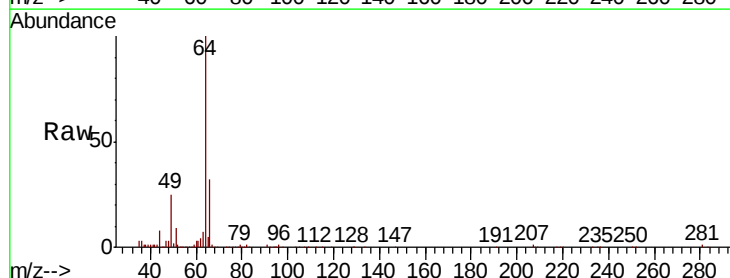
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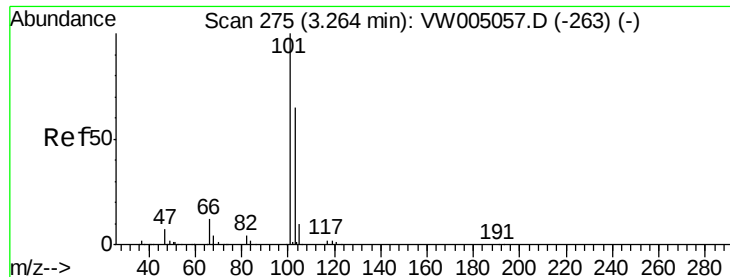
Tgt Ion: 64 Resp: 78744

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5





#7

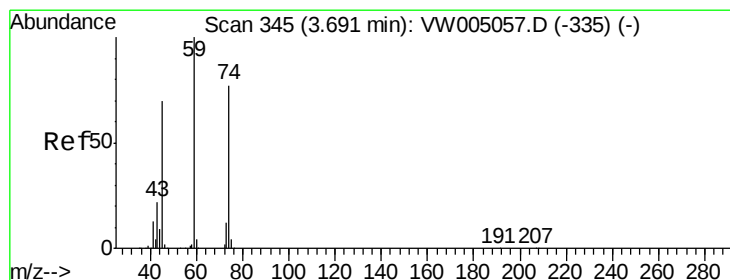
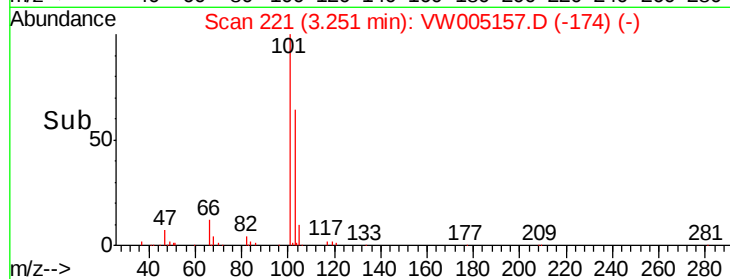
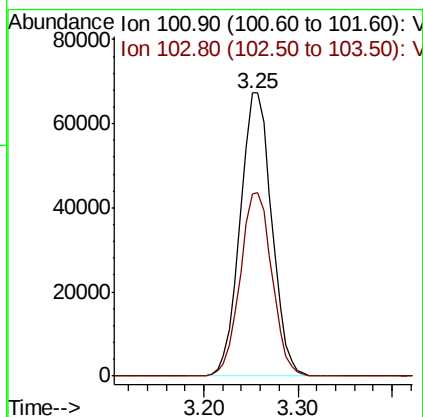
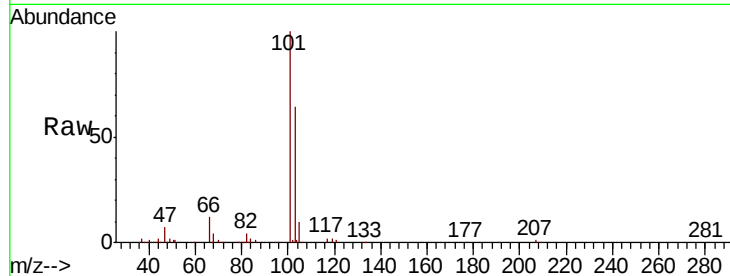
Trichlorofluoromethane
 Concen: 23.13 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.9	77.9

Manual Integrations
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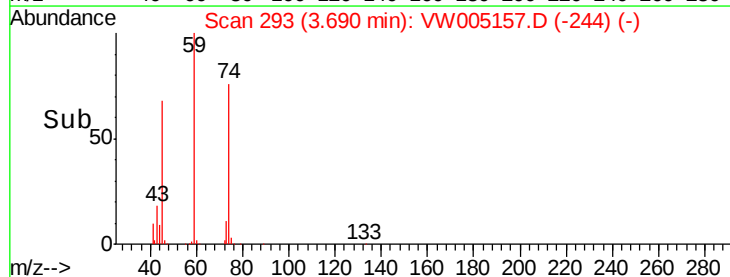
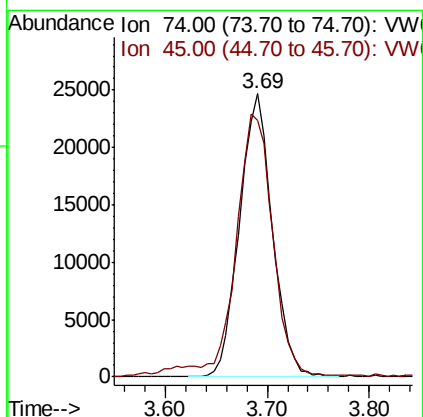
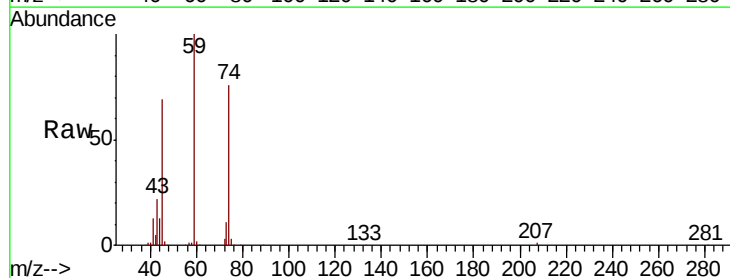
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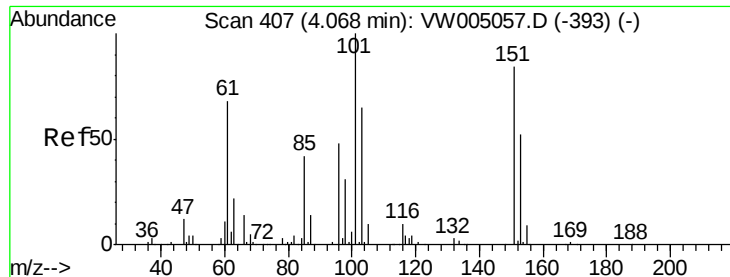


#8

Diethyl Ether
 Concen: 22.47 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.71 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

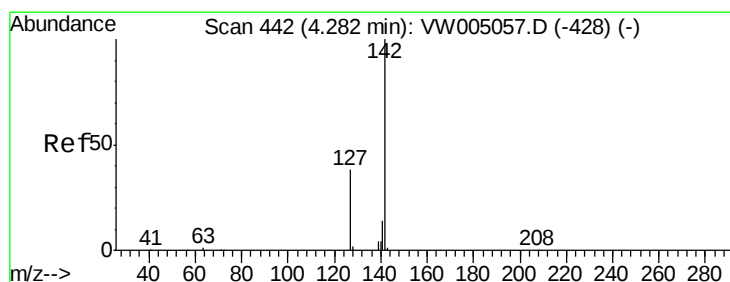
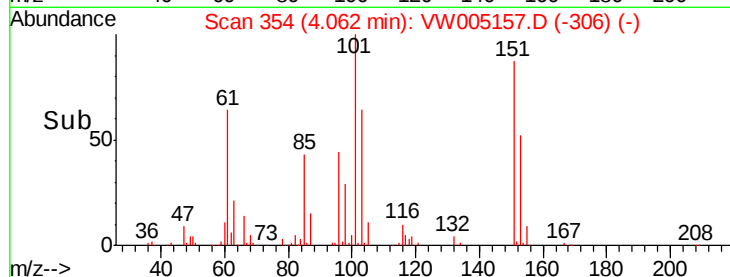
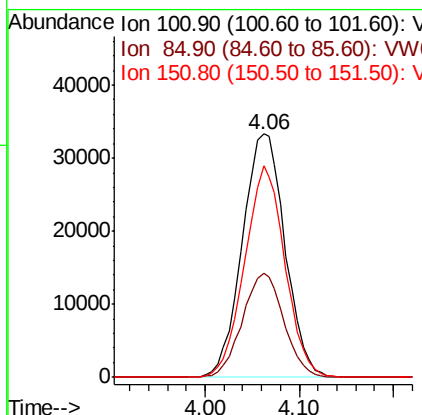
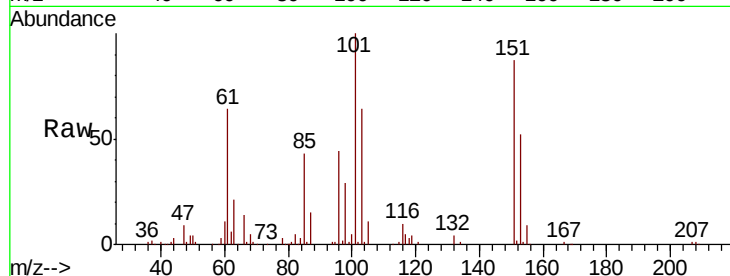
ClientSampleId :

VW0906SBSD01

Tot Ion:	101	Resp:	105905
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.0	49.6
151	81.8	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.41 ug/l

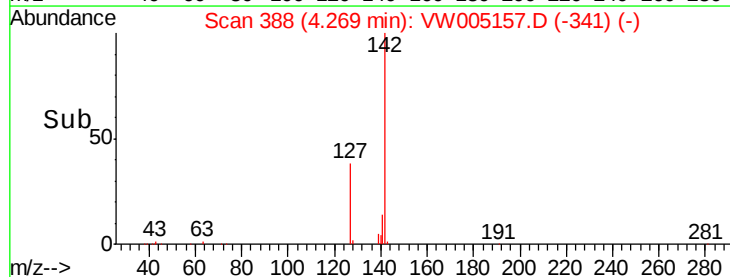
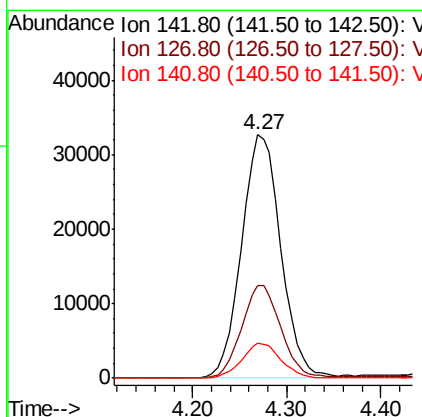
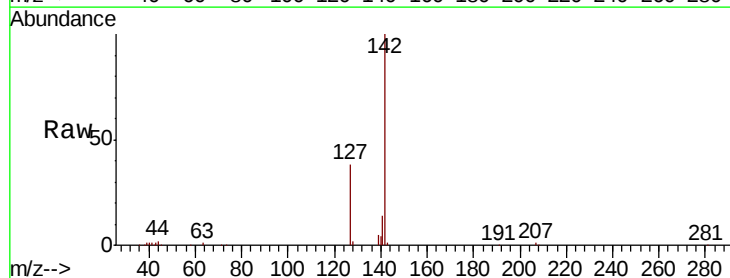
RT: 4.27 min Scan# 388

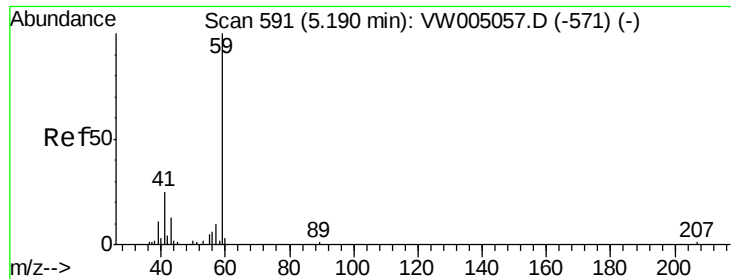
Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	142	Resp:	95015
Ion Ratio	Lower	Upper	
142	100		
127	38.3	30.8	46.2
141	14.1	11.6	17.4





#11

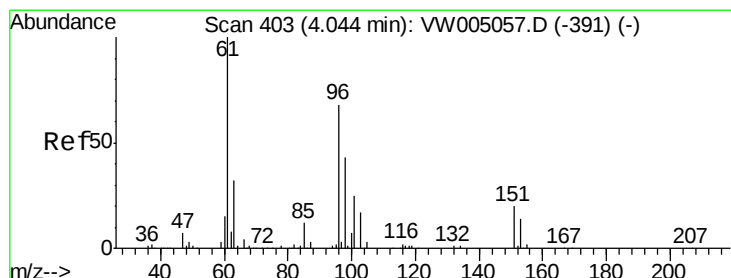
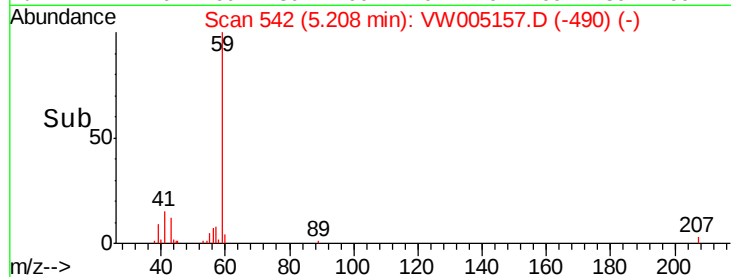
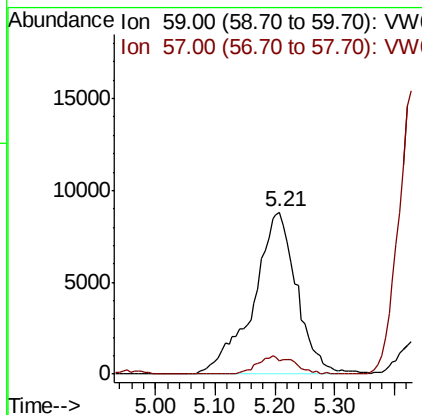
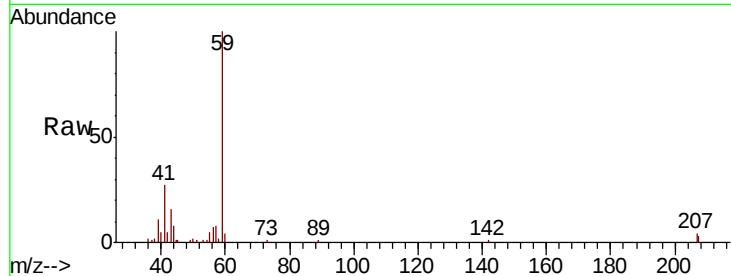
Tert butyl alcohol
 Concen: 181.36 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBSD01

Tot Ion	59	Resp	44340
Ion Ratio	100	Lower	Upper
57	5.7	8.6	12.8#

Manual Integrations
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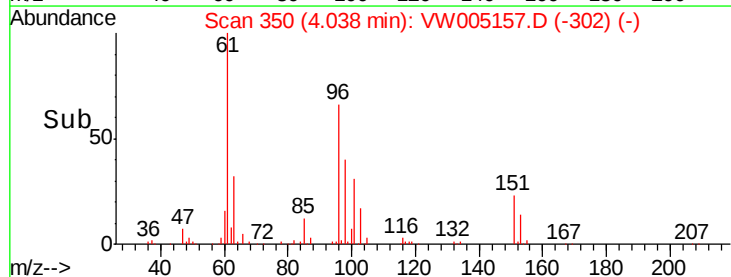
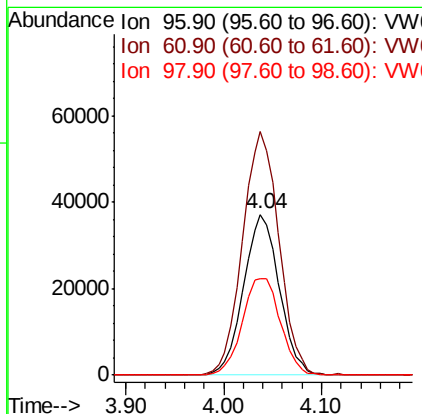
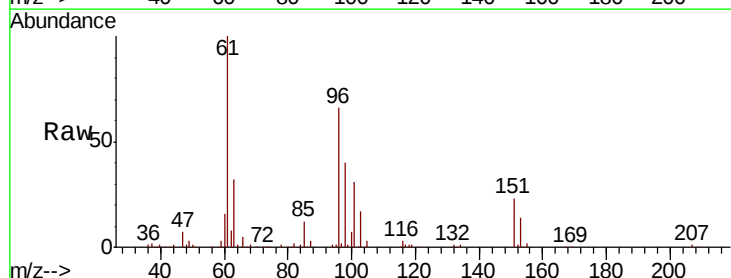
apatel
 9/7/2018 12:29:12 PM

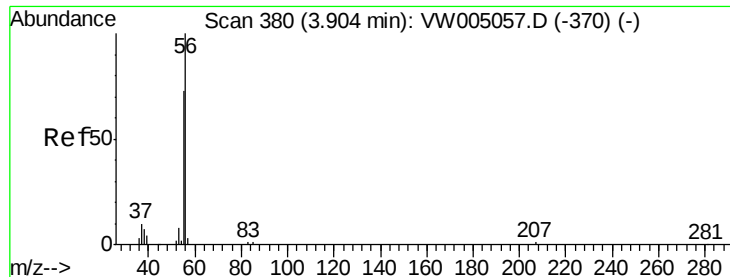


#12

1,1-Dichloroethene
 Concen: 22.08 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	96	Resp	94773
Ion Ratio	100	Lower	Upper
61	151.3	117.4	176.0
98	60.1	51.0	76.4





#13

Acrolein

Concen: 120.41 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 56 Resp: 34388

Ion Ratio Lower Upper

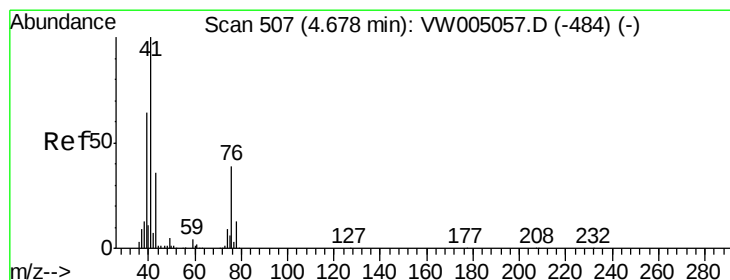
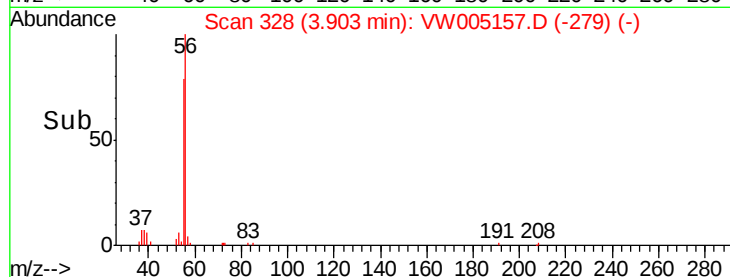
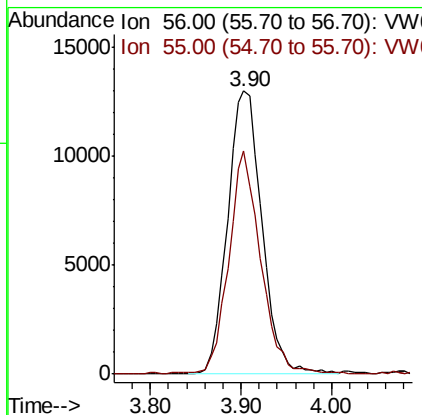
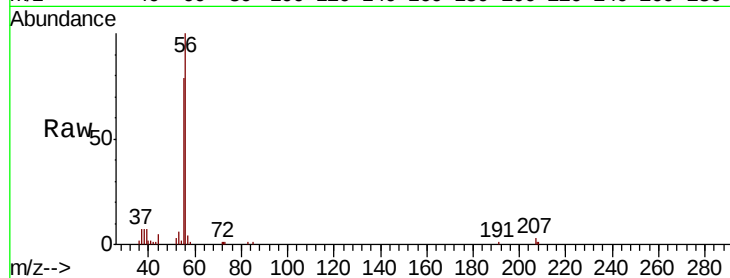
56 100

55 73.2 58.1 87.1

Manual Integrations
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#14

Allyl chloride

Concen: 22.76 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

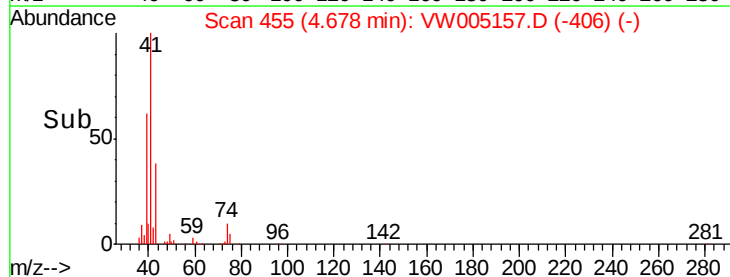
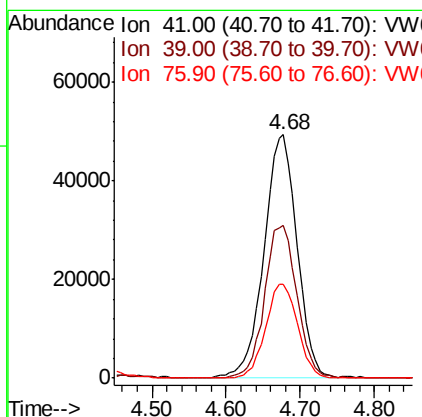
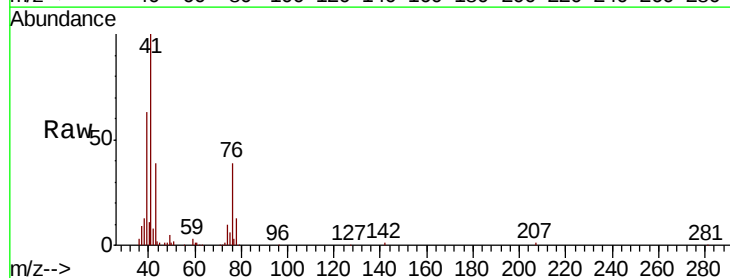
Tgt Ion: 41 Resp: 152705

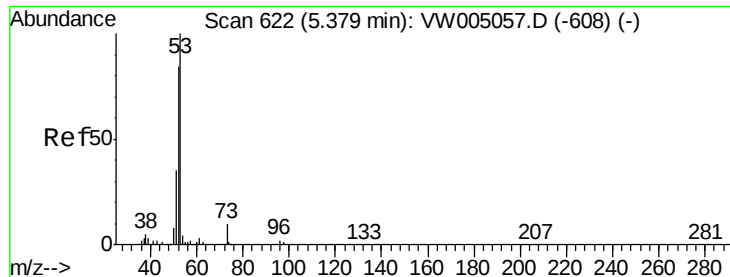
Ion Ratio Lower Upper

41 100

39 61.6 49.4 74.2

76 37.2 31.8 47.6





#15

Acrylonitrile

Concen: 123.76 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

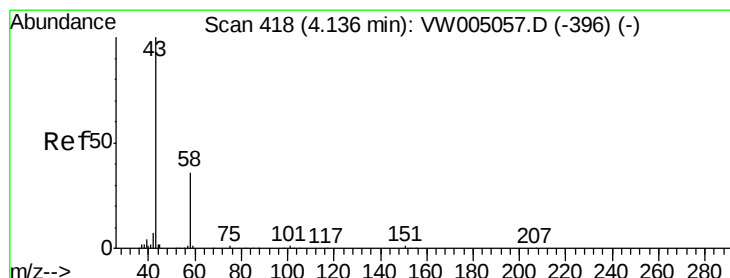
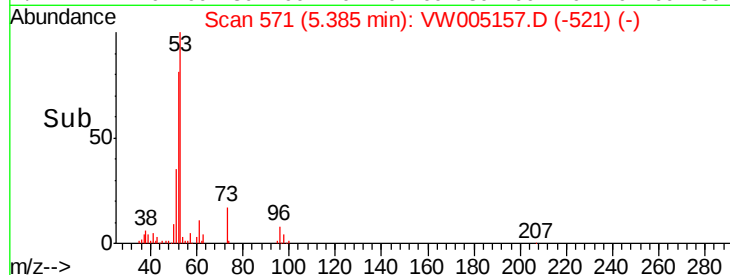
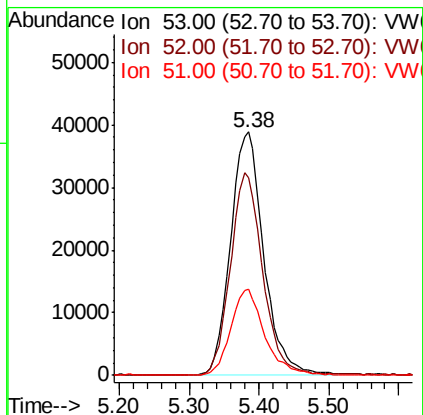
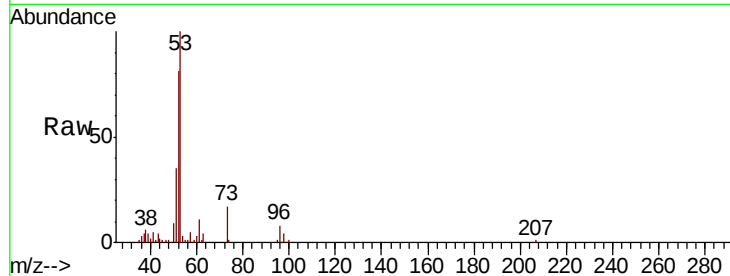
ClientSampleId :

VW0906SBS01

Tot Ion:	53	Resp:	128247
Ion Ratio	Lower	Upper	
53	100		
52	81.0	65.7	98.5
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 137.02 ug/l

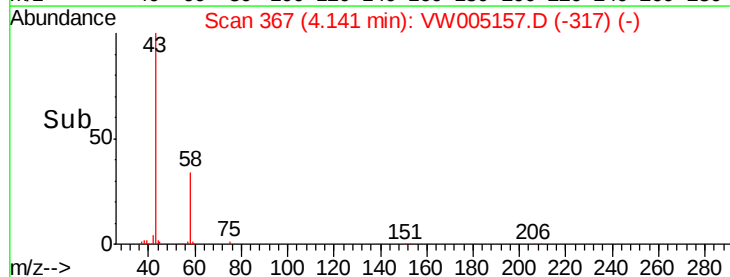
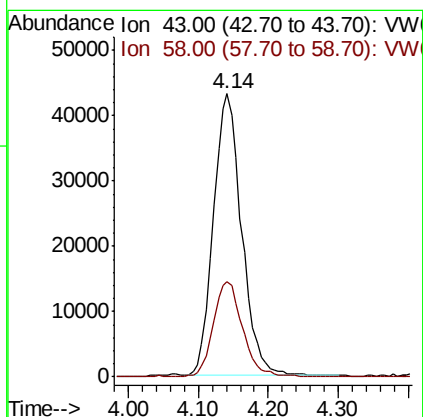
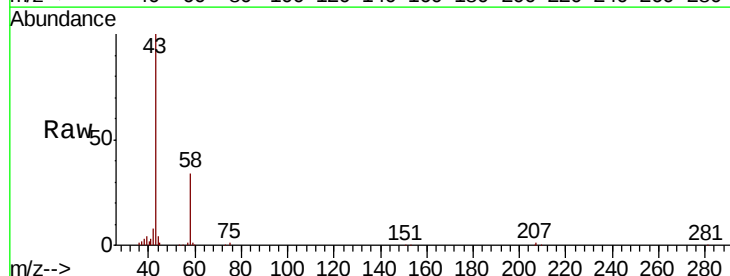
RT: 4.14 min Scan# 367

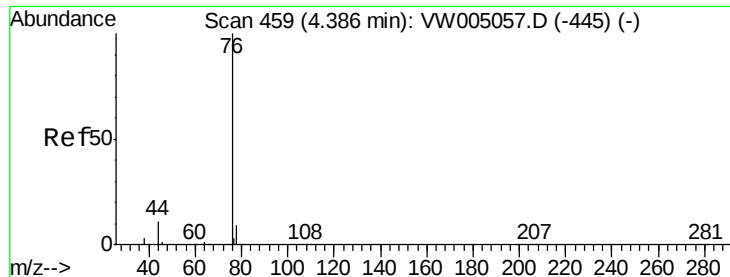
Delta R.T. 0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	43	Resp:	120909
Ion Ratio	Lower	Upper	
43	100		
58	33.6	29.0	43.6





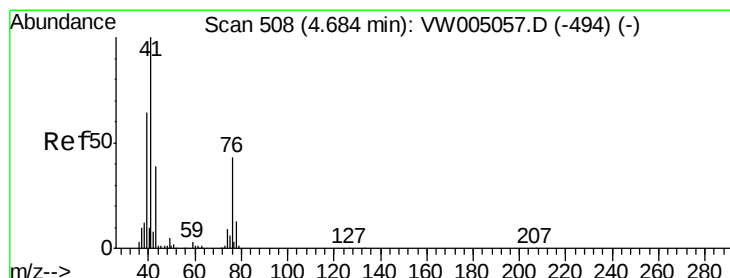
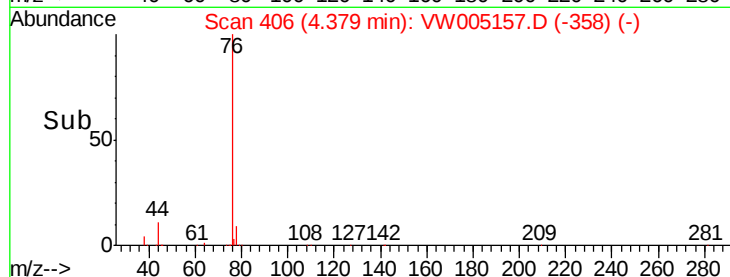
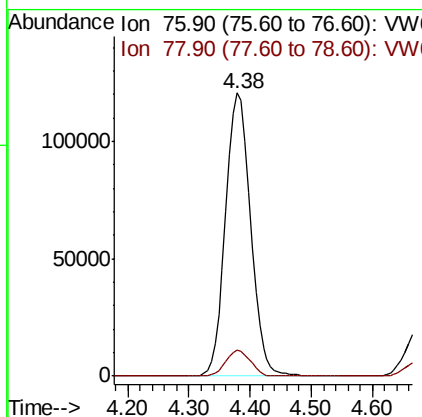
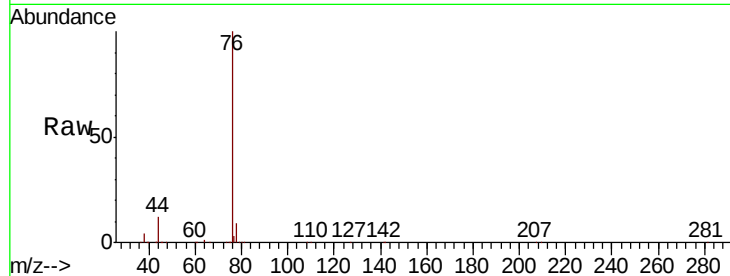
#17
Carbon Disulfide
Concen: 22.83 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

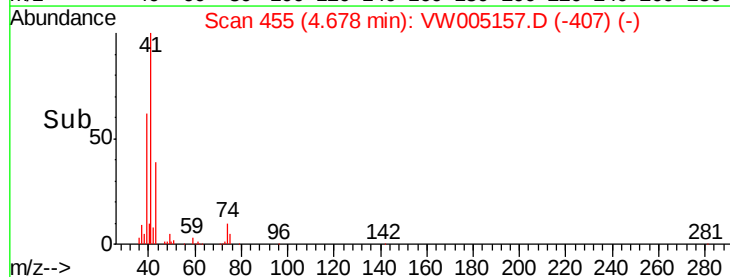
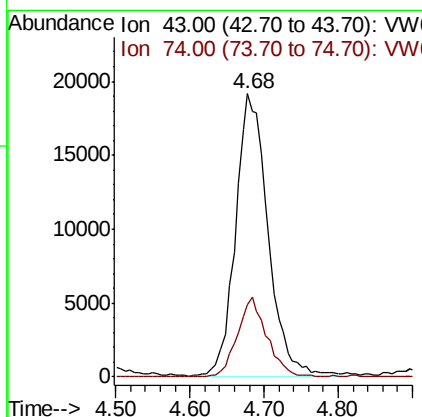
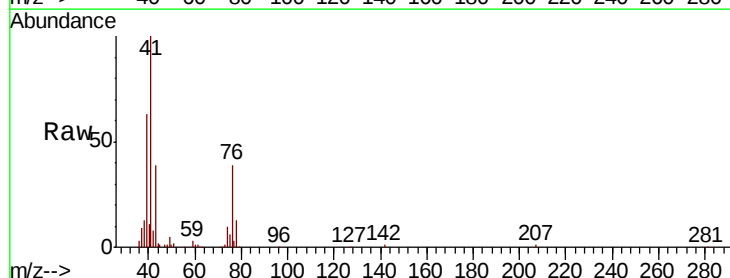
Manual Integrations
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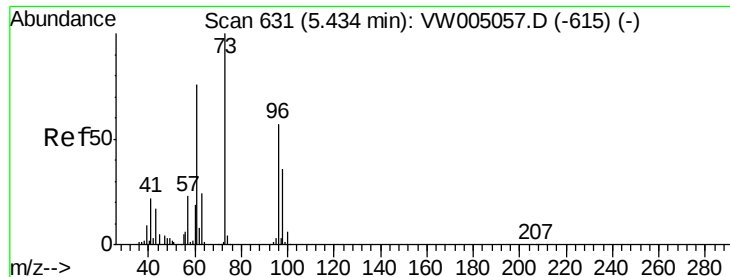
apatel
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#18
Methyl Acetate
Concen: 22.67 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.7	31.1





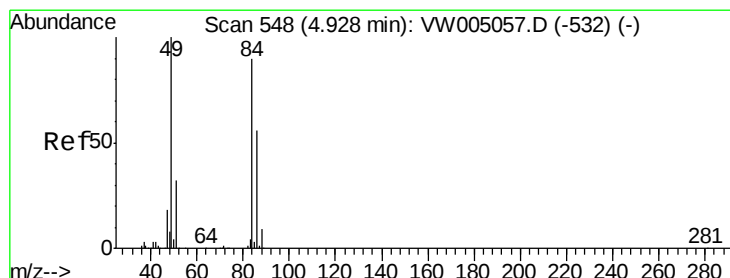
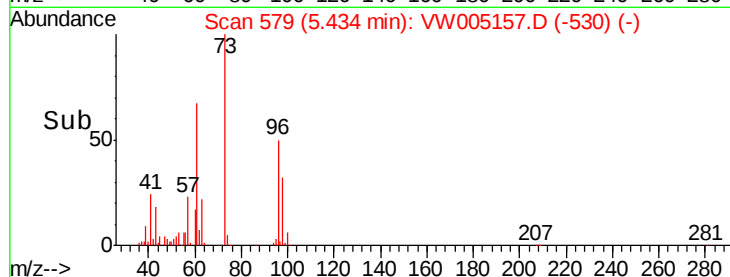
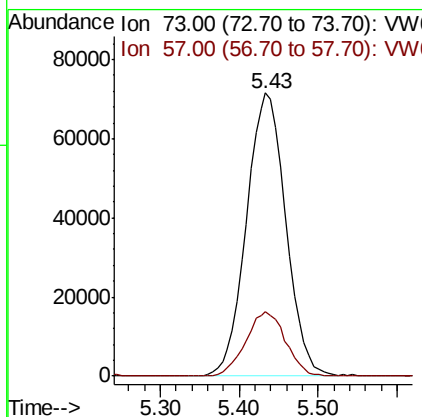
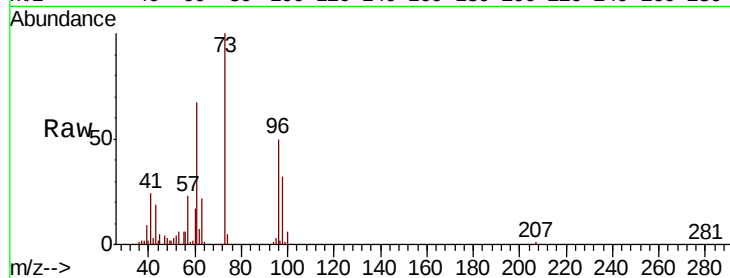
#19
Methvl tert-butvl Ether
Concen: 23.81 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion: 73 Resp: 248203
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

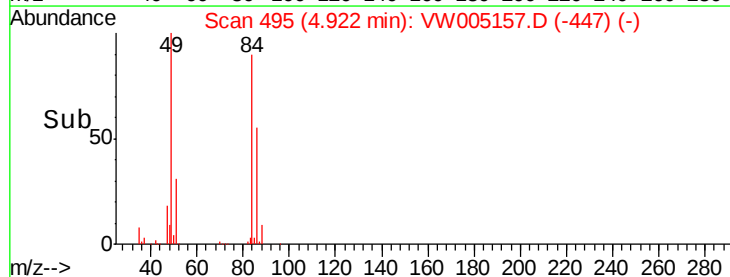
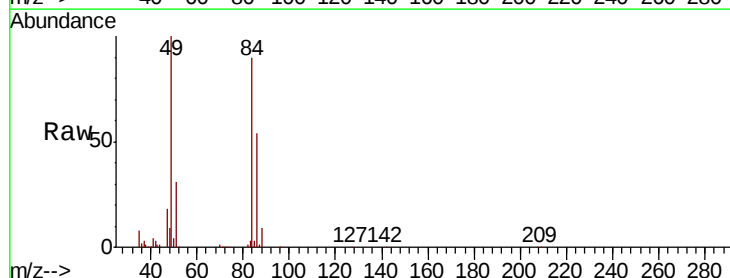
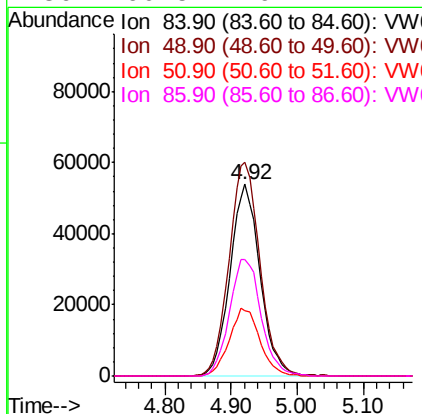
Manual Integrations
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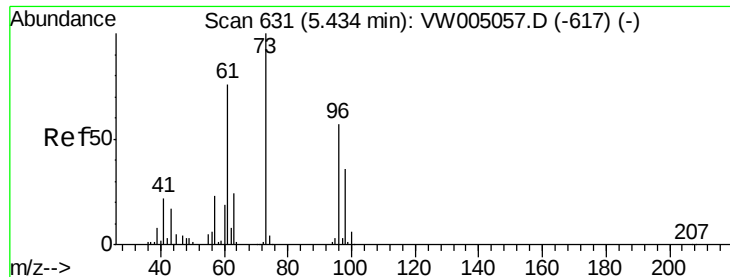
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#20
Methylene Chloride
Concen: 26.65 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 84 Resp: 169698
Ion Ratio Lower Upper
84 100
49 111.5 88.7 133.1
51 34.3 28.6 42.8
86 60.5 49.4 74.2





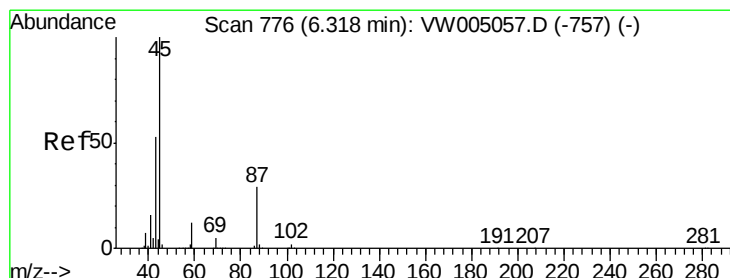
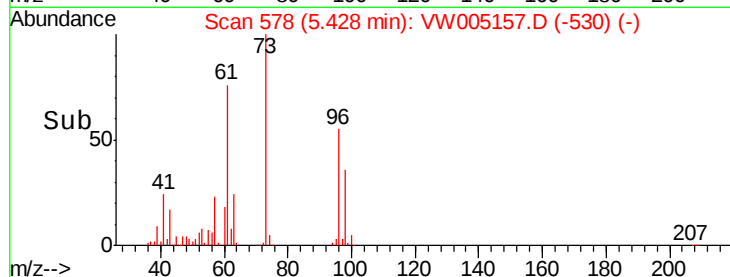
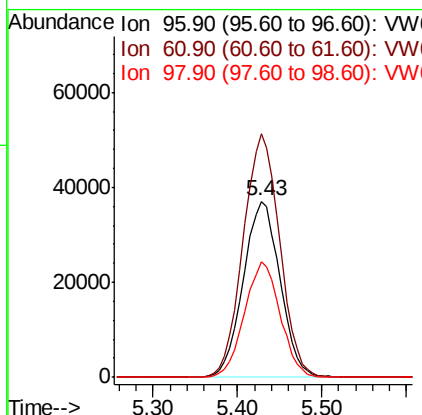
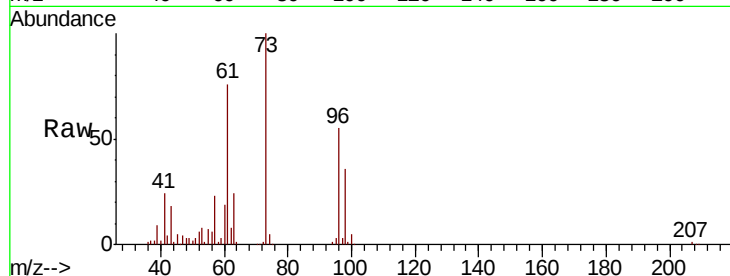
#21
trans-1,2-Dichloroethene
Concen: 20.99 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	106.3	159.5
98	65.5	50.9	76.3

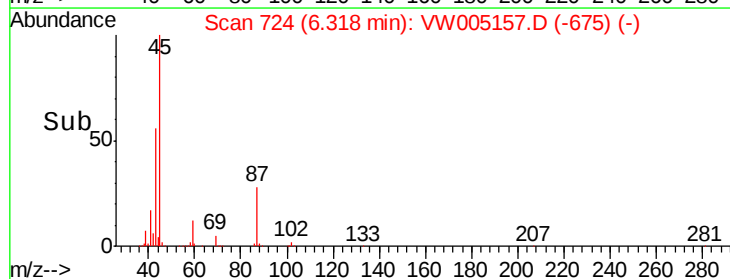
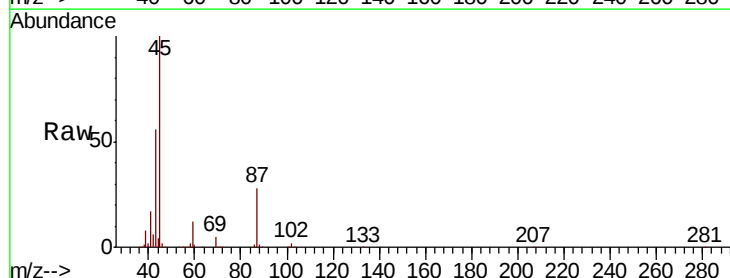
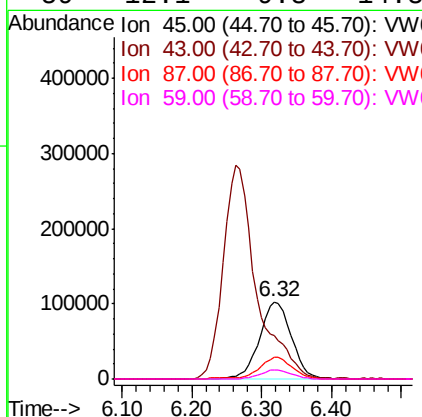
Manual Integrations
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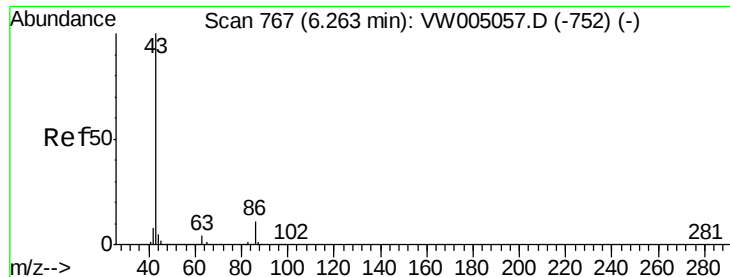
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#22
Diisopropyl ether
Concen: 23.15 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.0	42.6	63.8
87	28.1	23.6	35.4
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 126.73 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 43 Resp: 939794

Ion Ratio Lower Upper

43 100

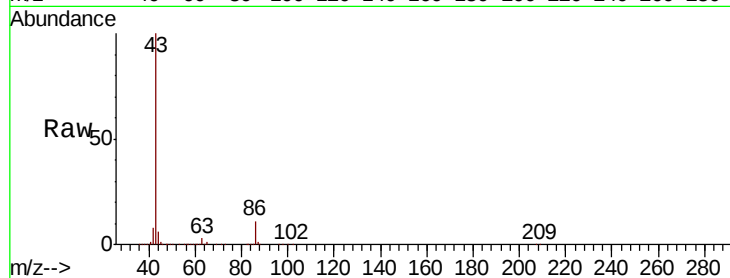
86 10.8 9.0 13.4

Manual Integrations

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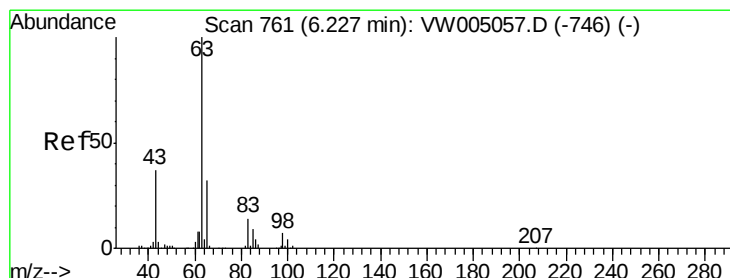
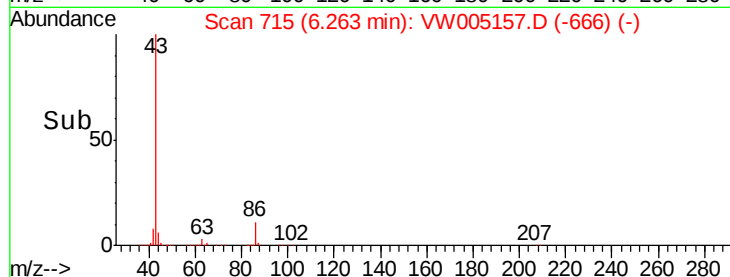
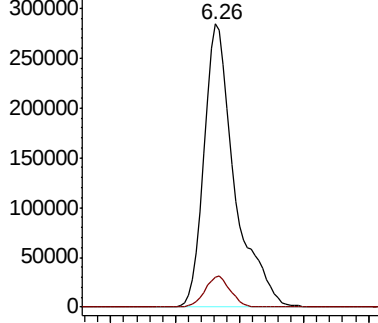
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.80 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

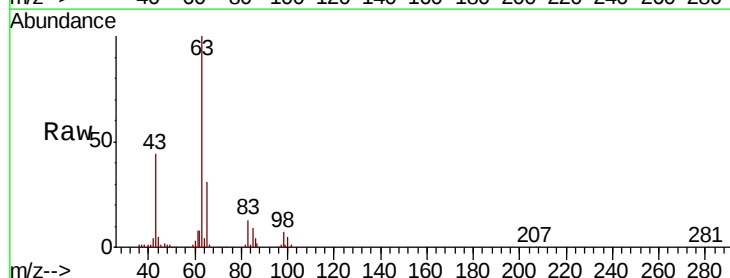
Tgt Ion: 63 Resp: 192392

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

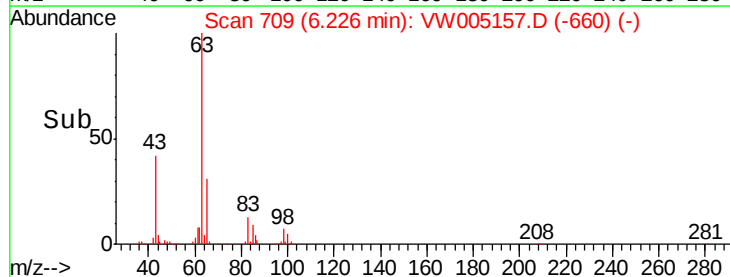
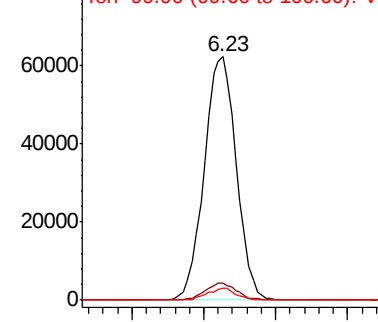
100 5.1 2.2 6.6

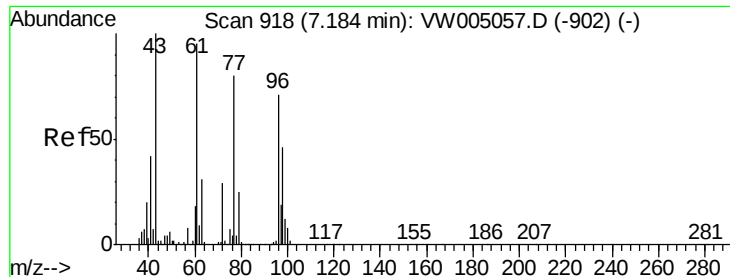


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 130.46 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 43 Resp: 199683

Ion Ratio Lower Upper

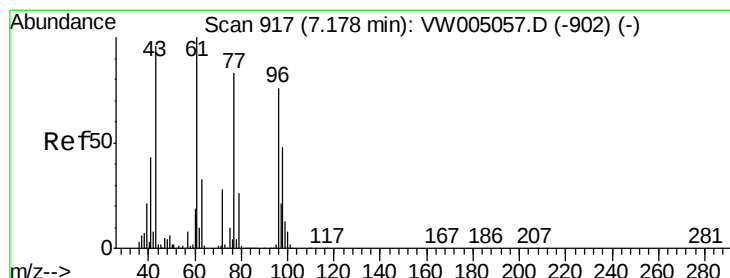
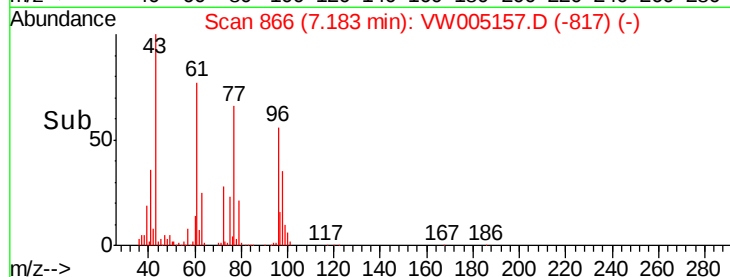
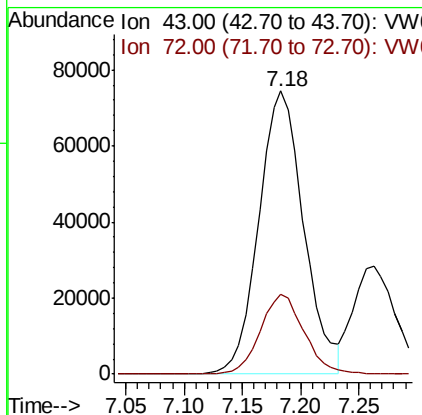
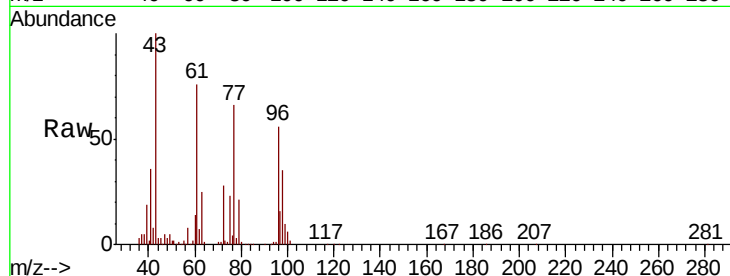
43 100

72 28.2 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 22.88 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005157.D

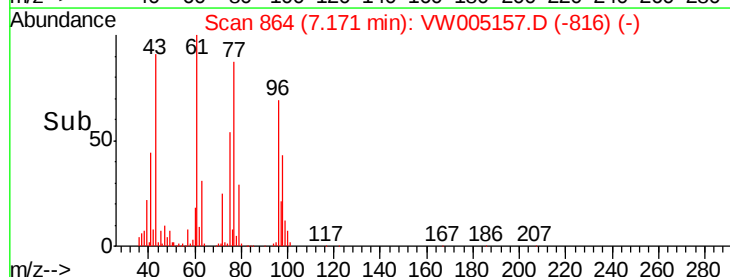
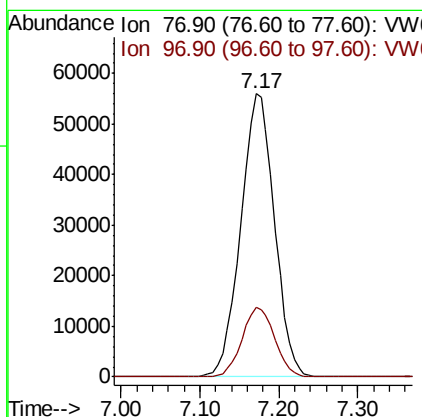
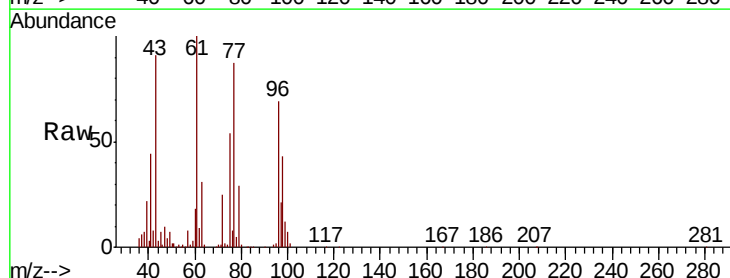
Acq: 06 Sep 2018 12:26

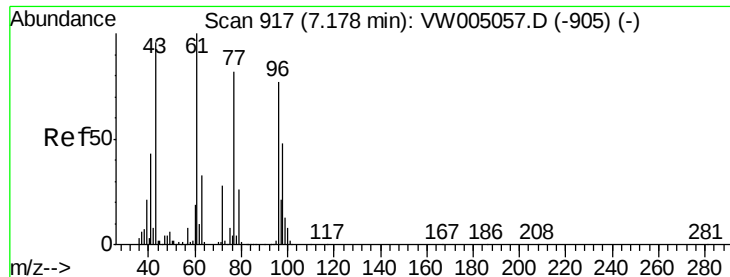
Tgt Ion: 77 Resp: 165914

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

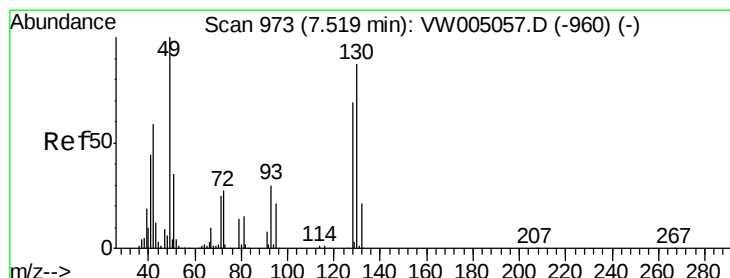
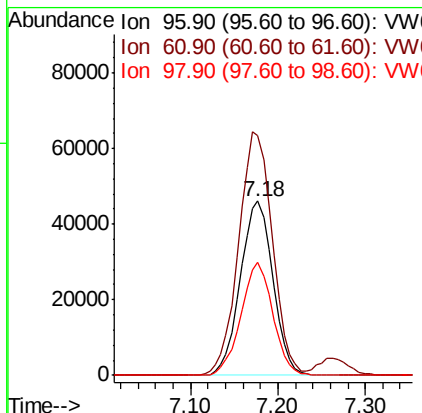
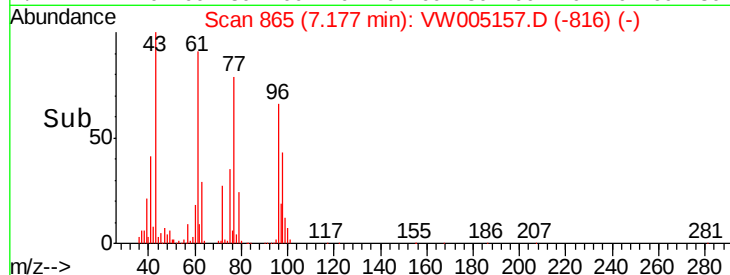
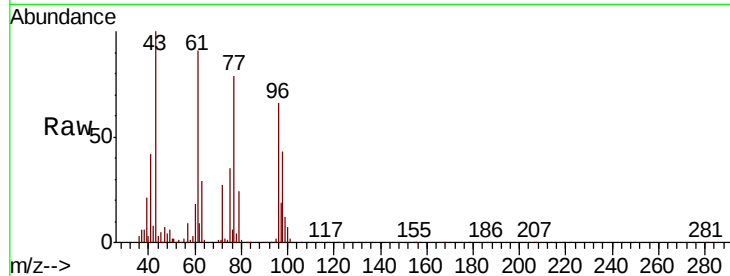
cis-1,2-Dichloroethene
Concen: 20.97 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	273.2
98	62.9	0.0	127.8

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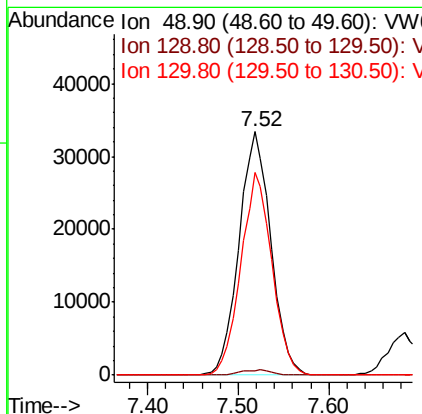
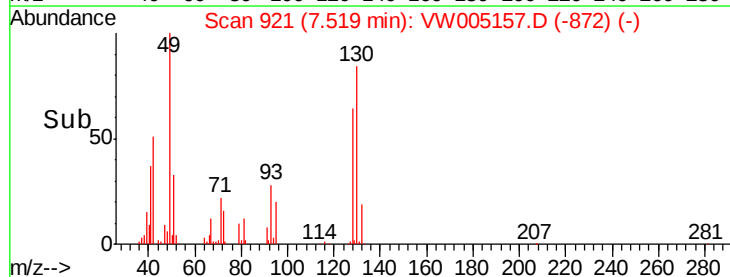
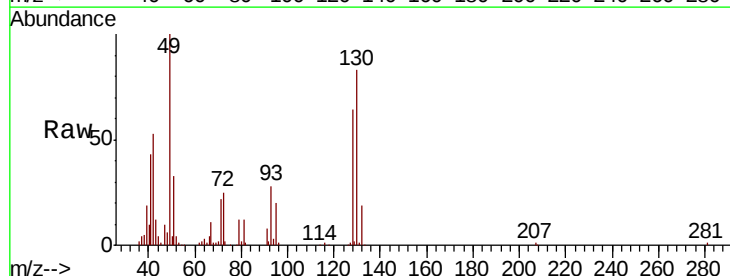
apatel
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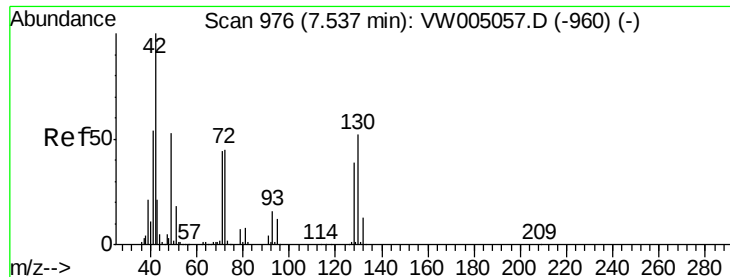


#28

Bromochloromethane
Concen: 22.81 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	81.4	69.6	104.4





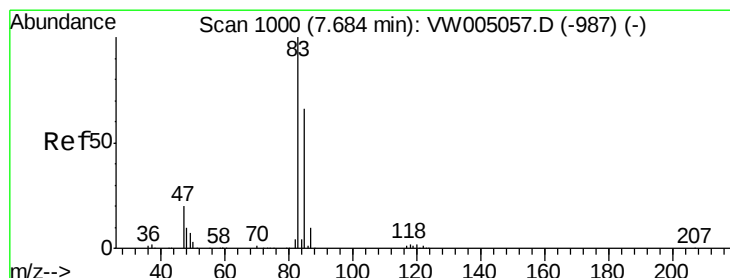
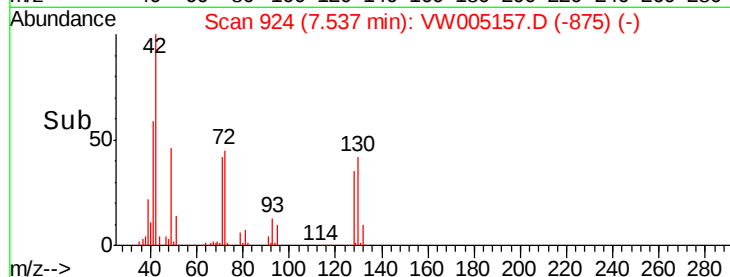
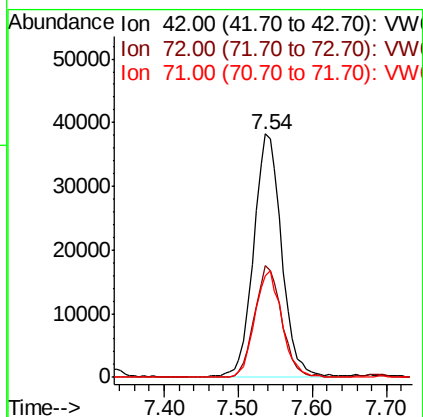
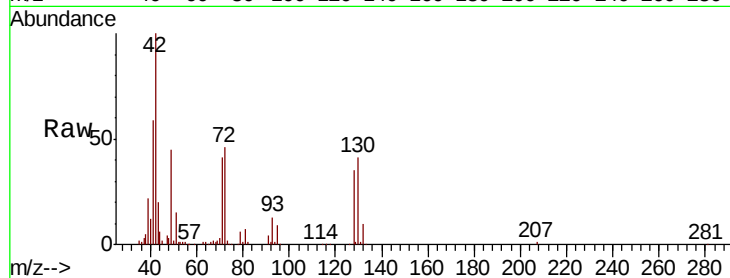
#29
Tetrahydrofuran
Concen: 128.41 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.0	55.4
71	42.6	35.0	52.6

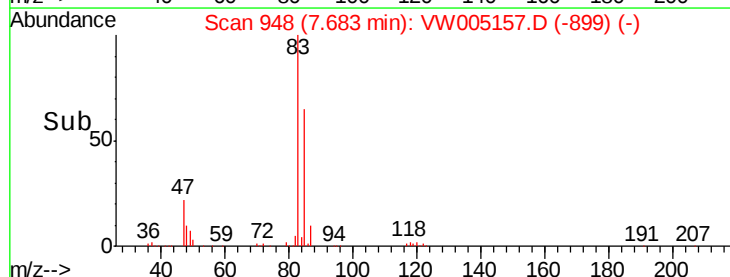
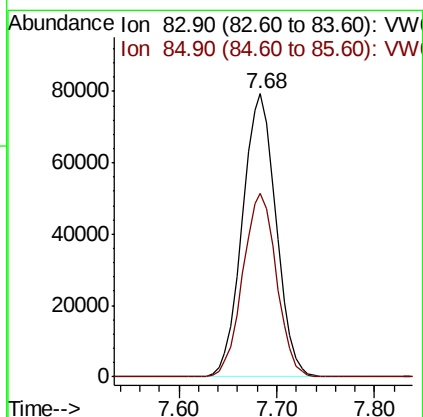
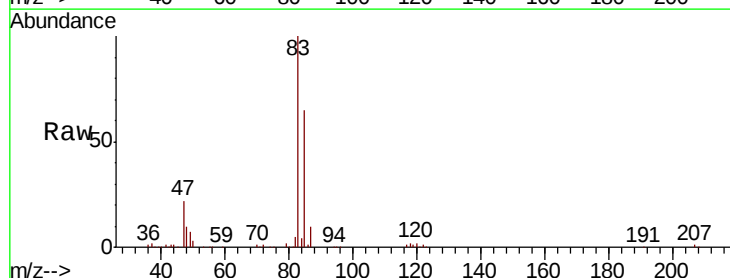
Manual Integrations
APPROVED

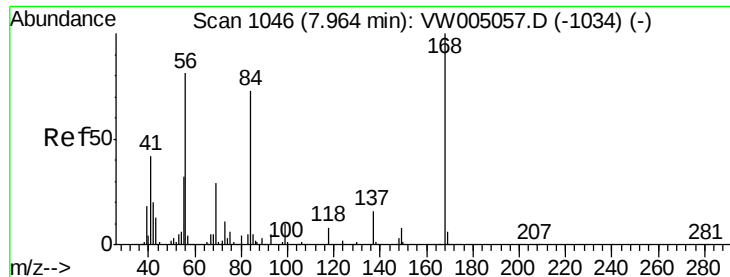
apatel
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#30
Chloroform
Concen: 21.06 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.1	79.7





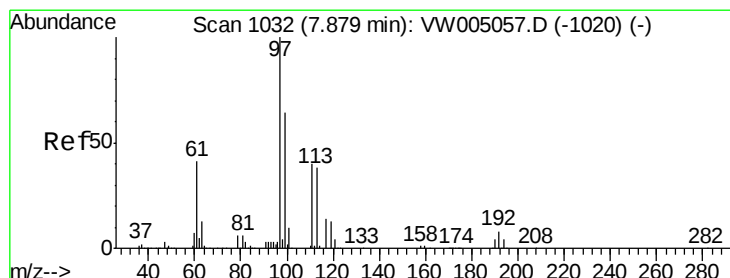
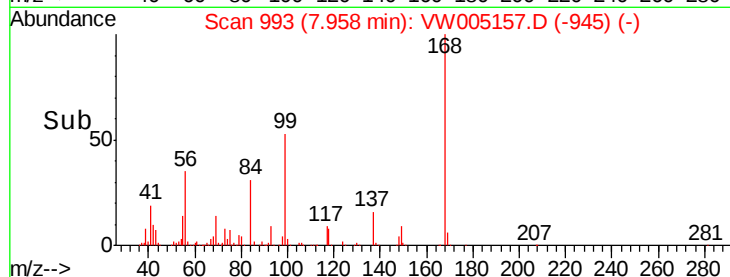
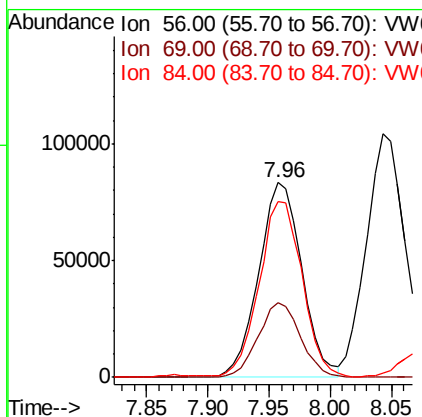
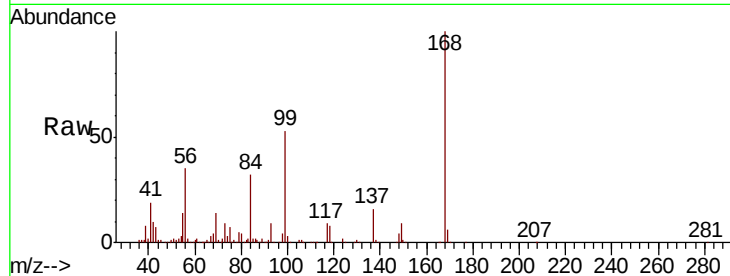
#31
Cyclohexane
Concen: 23.77 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	28.2	42.2
84	89.3	71.8	107.8

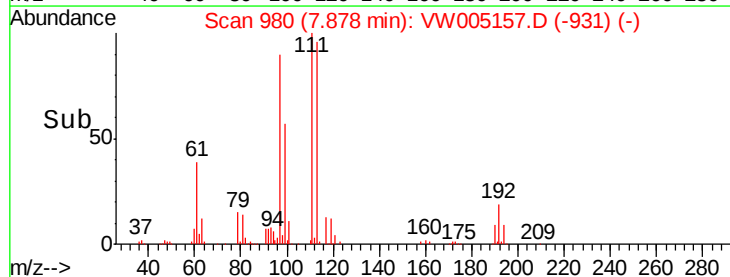
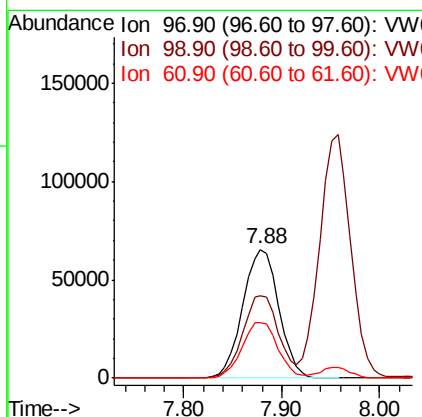
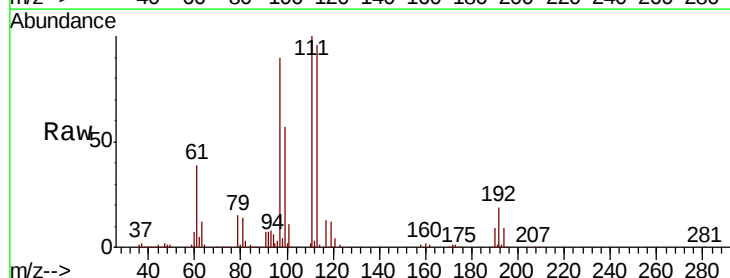
Manual Integrations
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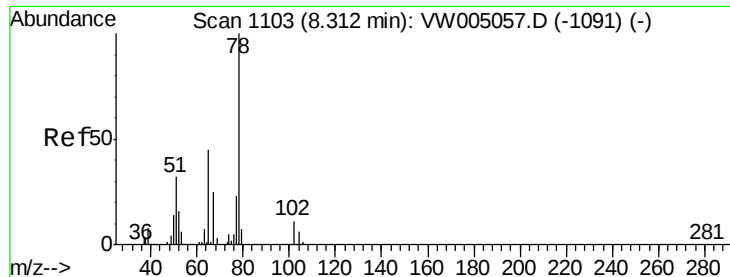
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#32
1,1,1-Trichloroethane
Concen: 21.36 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	42.9	33.2	49.8





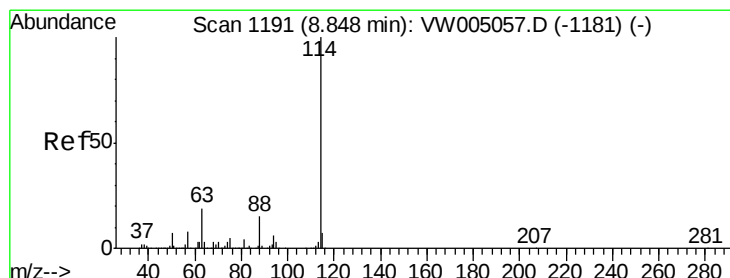
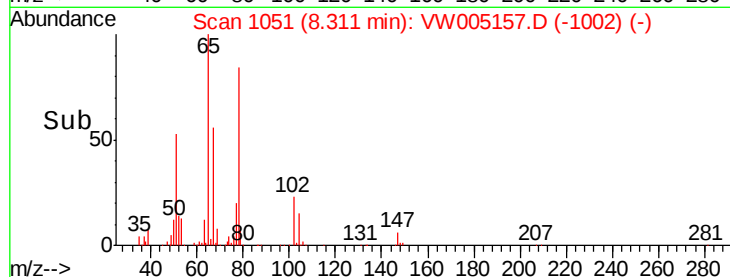
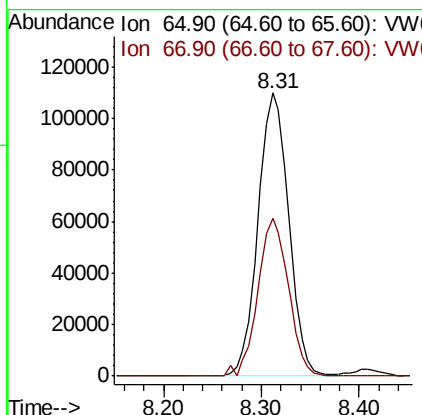
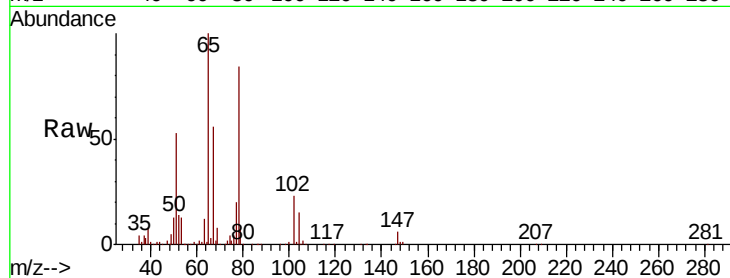
#33
 1,2-Dichloroethane-d4
 Concen: 54.43 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	109.4	

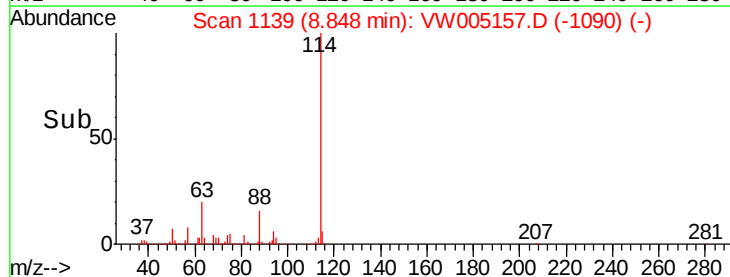
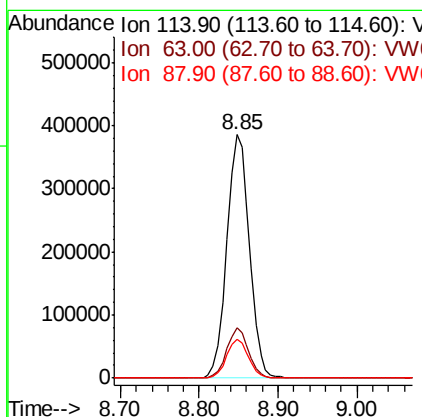
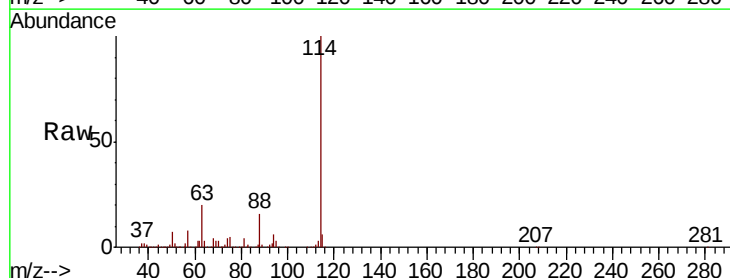
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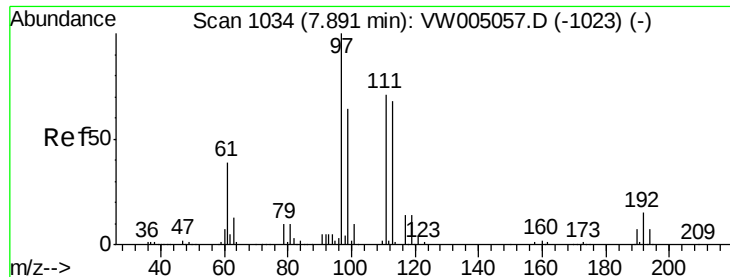
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	38.0	
88	15.9	0.0	30.2	





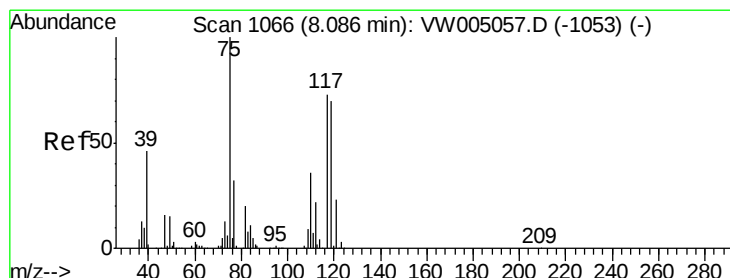
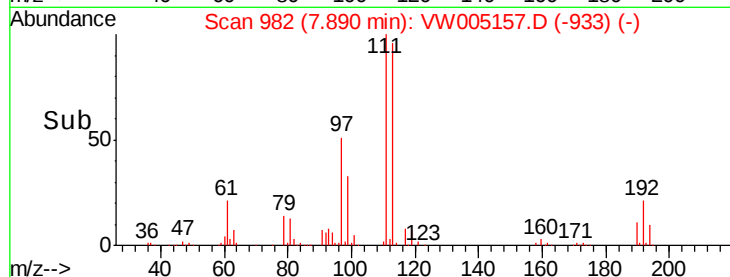
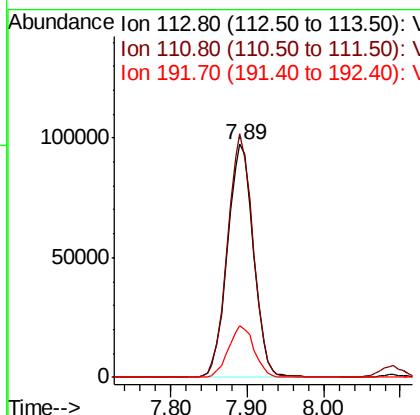
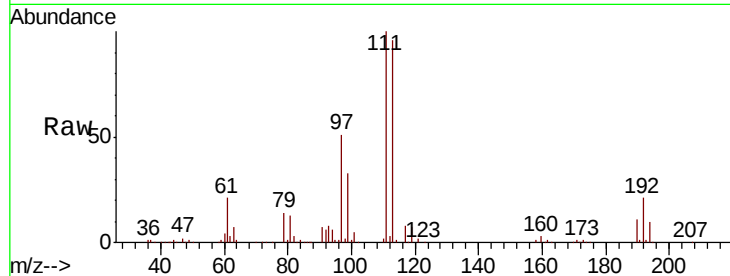
#35
 Dibromofluoromethane
 Concen: 51.32 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228208		
111	103.0	82.2	123.2	
192	21.8	18.1	27.1	

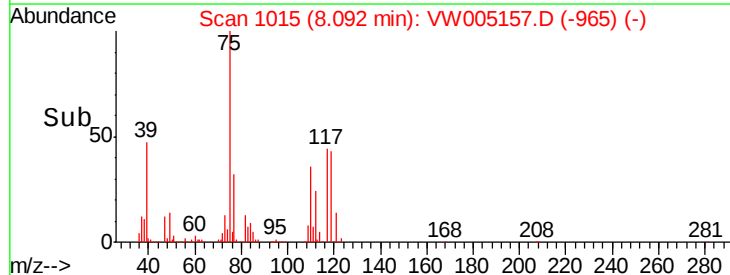
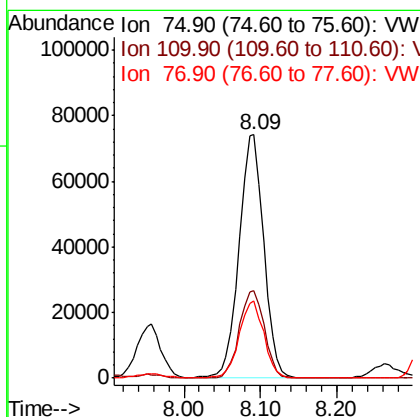
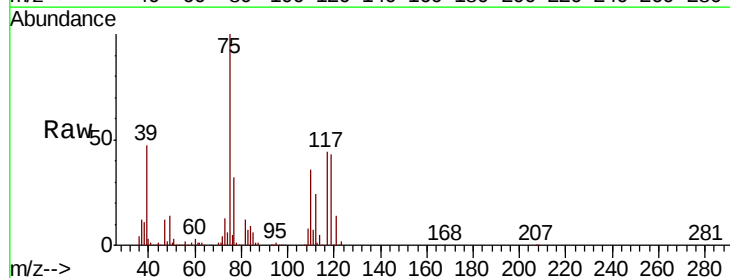
Manual Integrations
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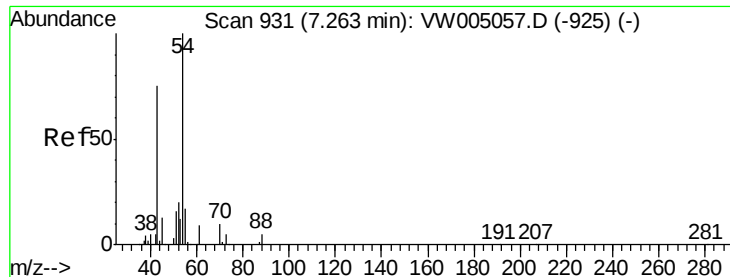
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#36
 1,1-Dichloropropene
 Concen: 22.77 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	166902		
110	36.2	18.9	56.7	
77	31.6	25.5	38.3	





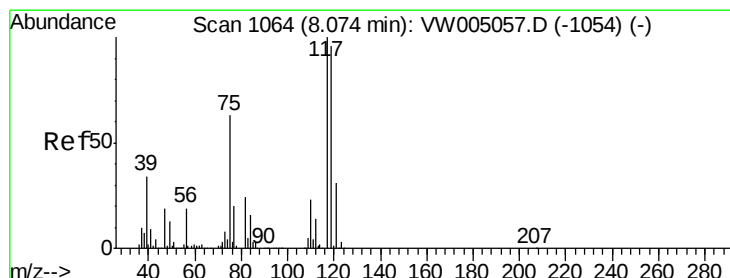
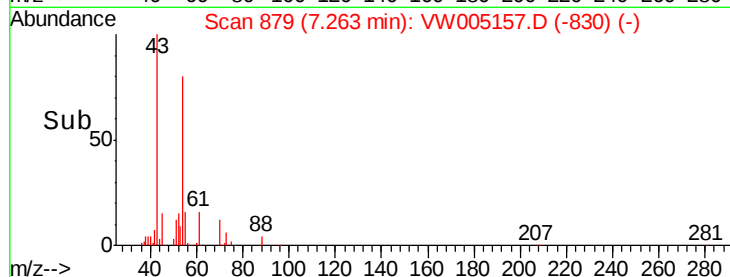
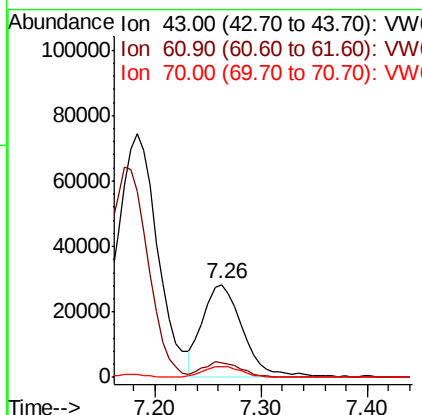
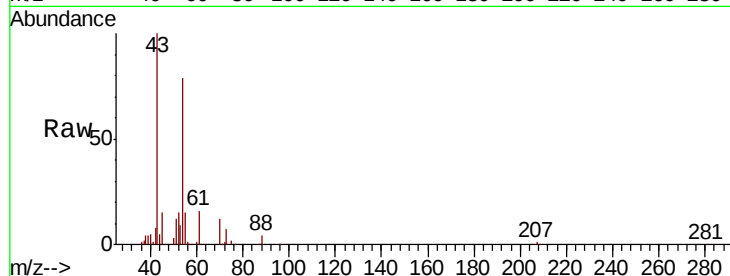
#37
Ethyl Acetate
Concen: 26.55 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion:	43	Resp:	72757
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	11.7	9.4	14.2

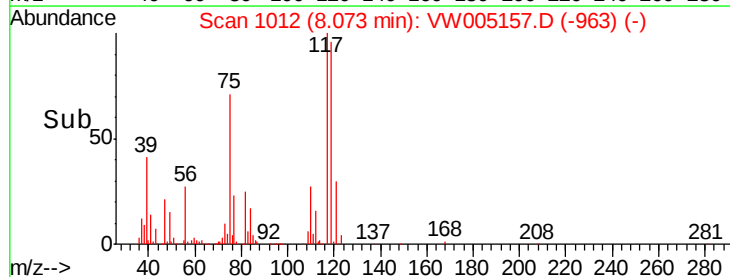
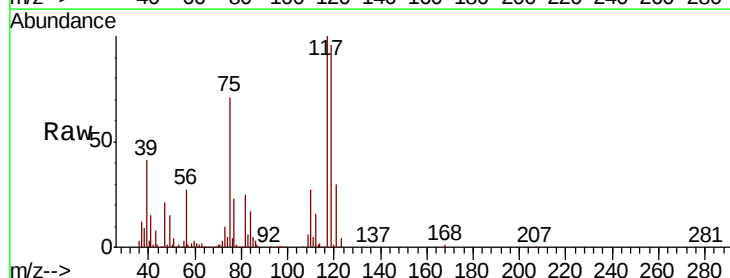
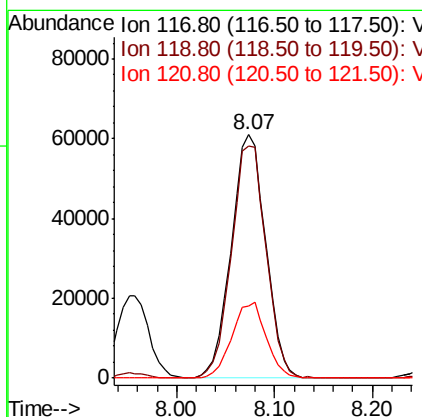
Manual Integrations
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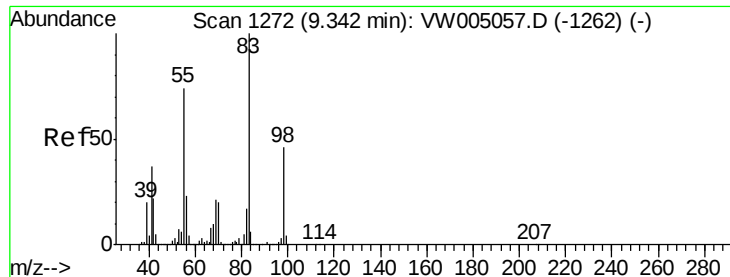
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#38
Carbon Tetrachloride
Concen: 21.33 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:	117	Resp:	148604
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	115.0
121	29.8	24.8	37.2





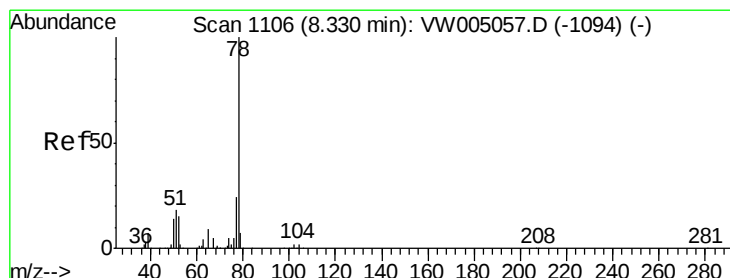
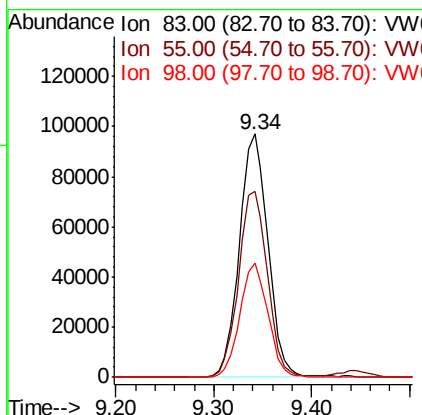
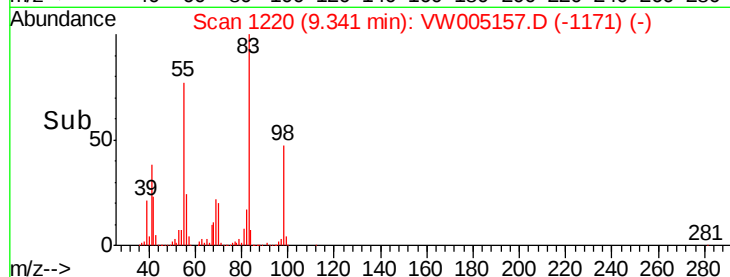
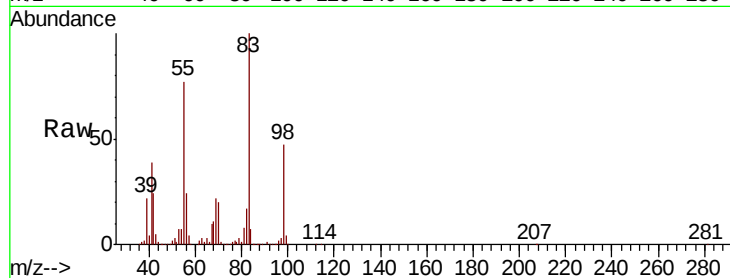
#39
Methvlcvclohexane
Concen: 22.23 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.9	88.3
98	46.8	36.8	55.2

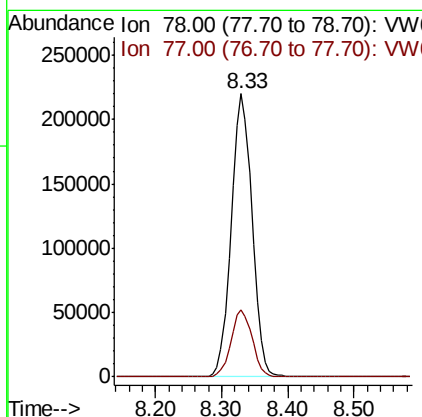
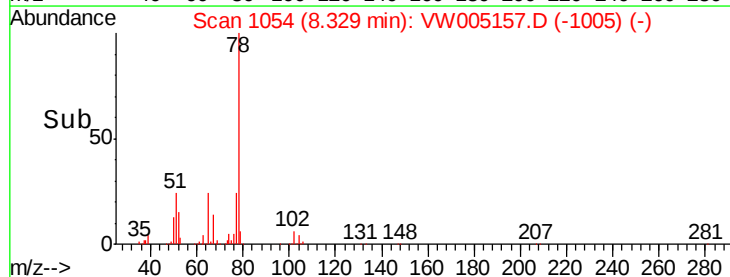
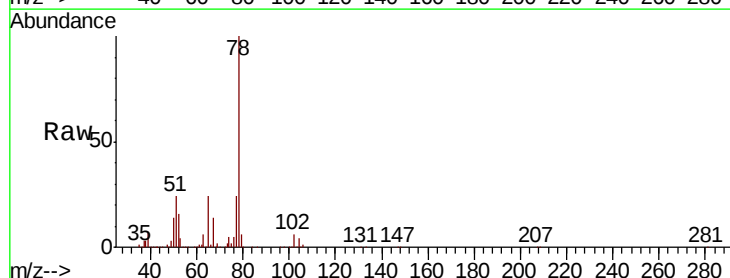
Manual Integrations
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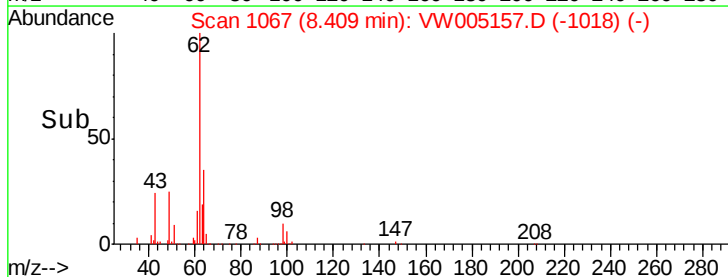
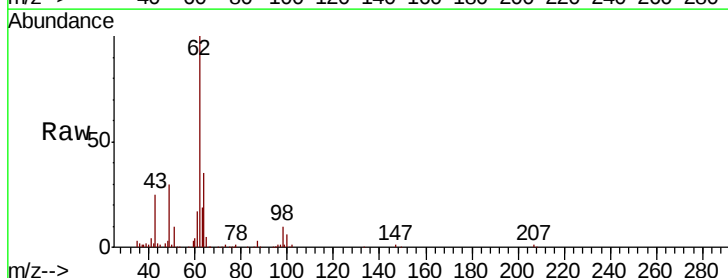
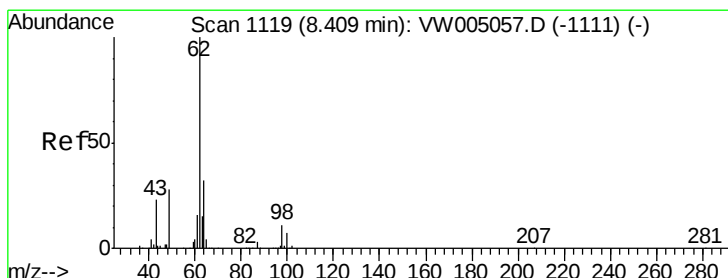
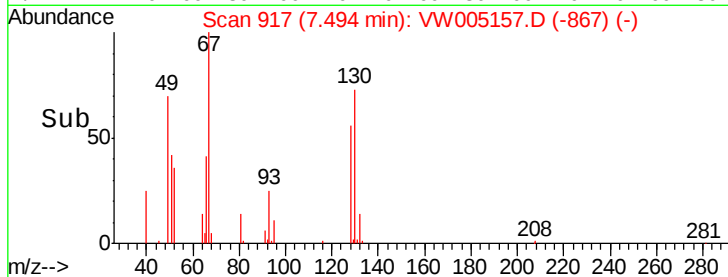
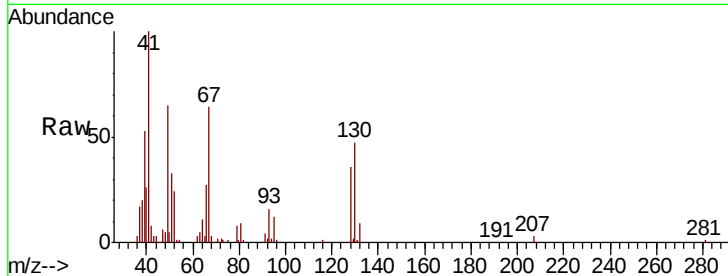
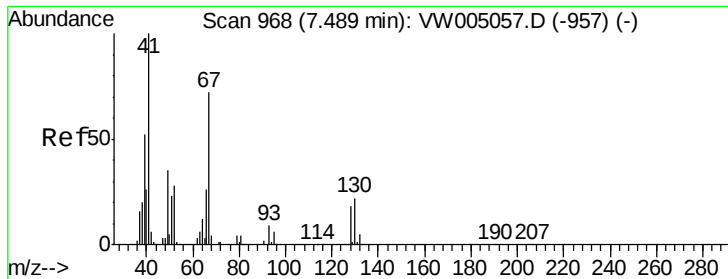
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#40
Benzene
Concen: 21.35 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

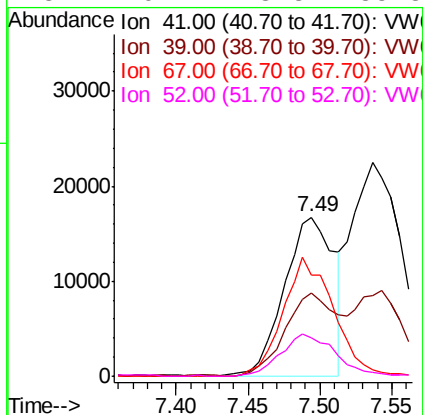
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





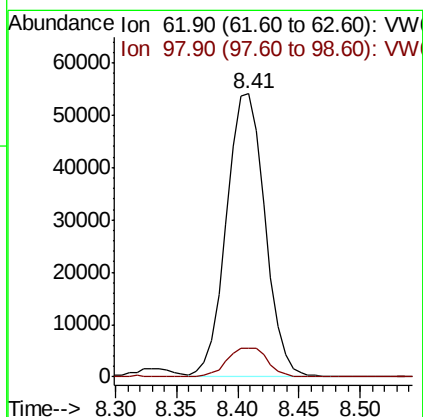
#41
Methacrylonitrile
Concen: 25.17 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	57.6	41.8	62.8	
67	67	76.6	60.4	90.6	
52	52	29.7	23.8	35.8	



#42
1,2-Dichloroethane
Concen: 21.52 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

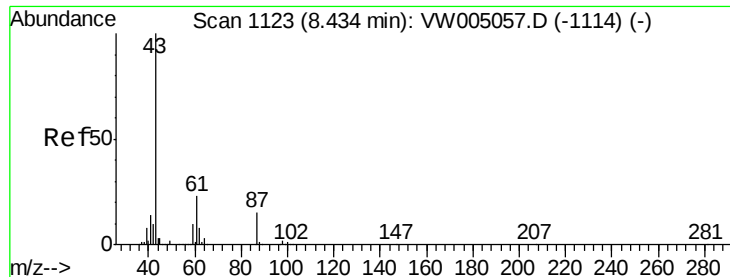
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	10.8	0.0	21.8	



Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

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#43

Isopropyl Acetate

Concen: 25.24 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

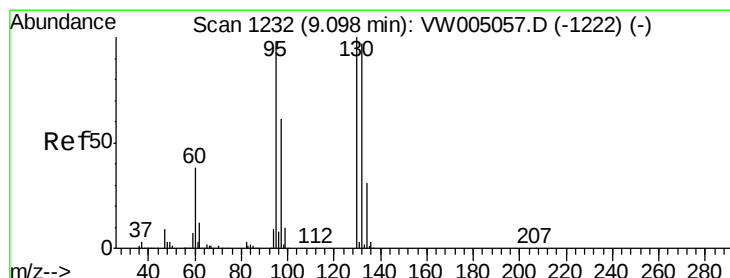
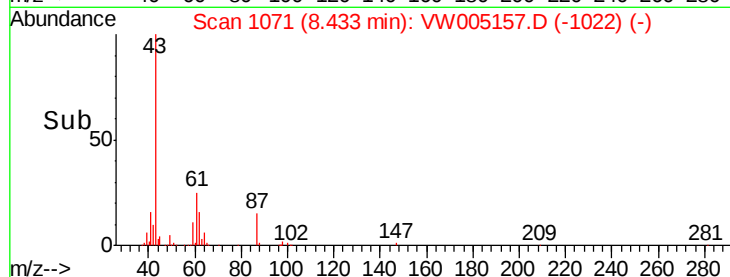
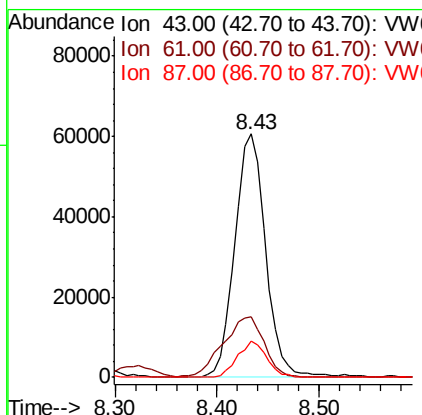
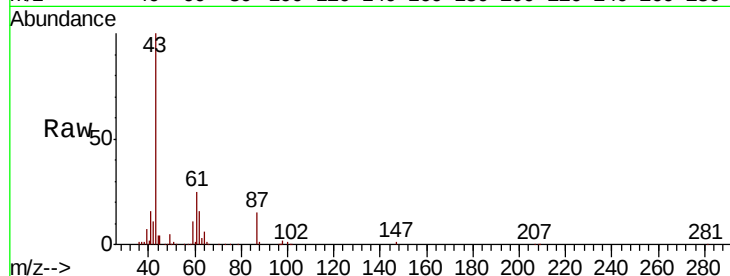
ClientSampleId :

VW0906SBS01

Tot Ion:	43	Resp:	125866
Ion	Ratio	Lower	Upper
43	100		
61	33.8	26.8	40.2
87	14.5	11.6	17.4

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#44

Trichloroethene

Concen: 21.02 ug/l

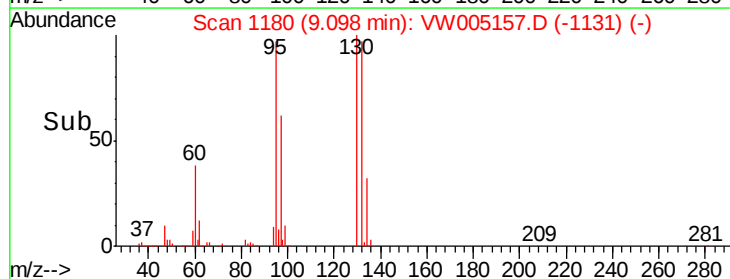
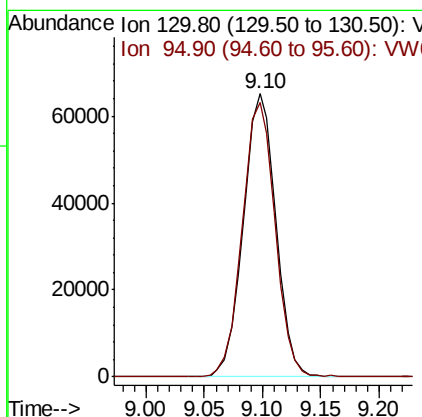
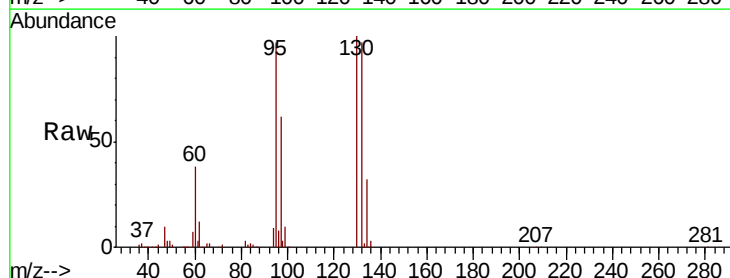
RT: 9.10 min Scan# 1180

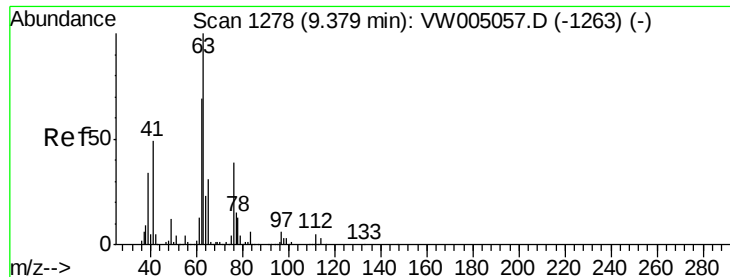
Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	130	Resp:	127256
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	195.2





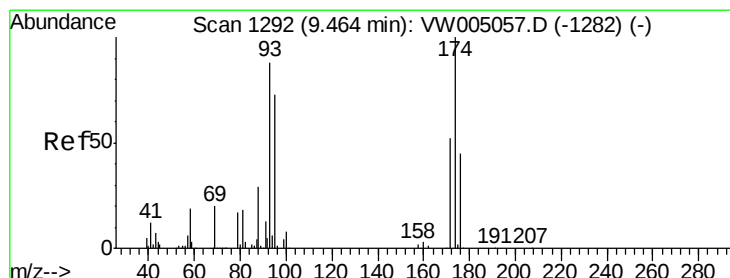
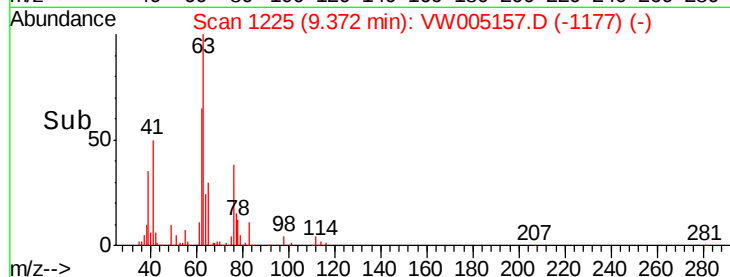
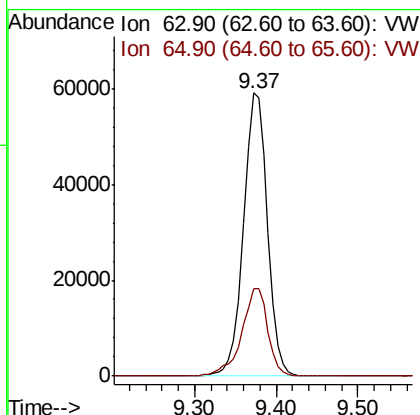
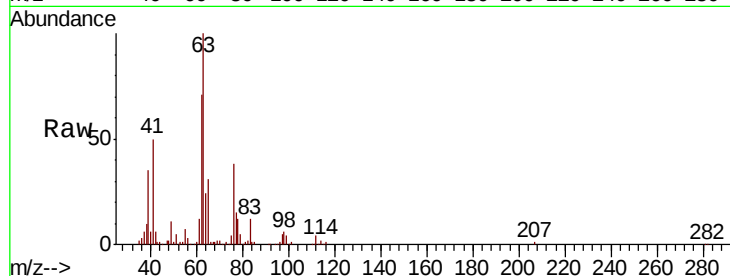
#45
1,2-Dichloropropane
Concen: 21.93 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	37.0

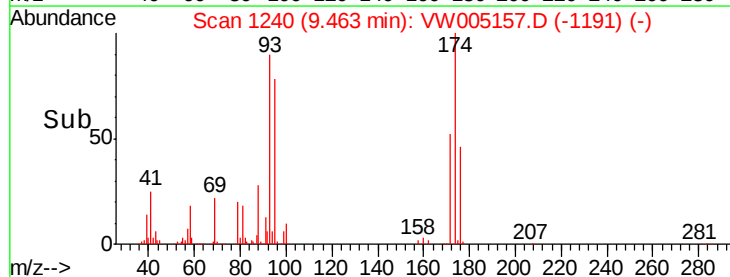
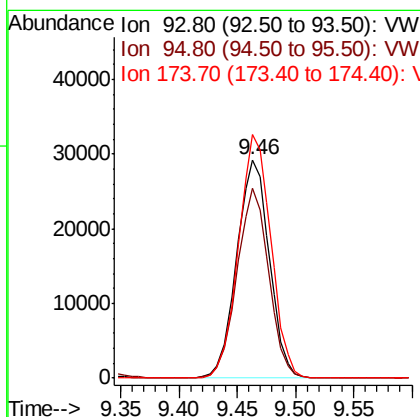
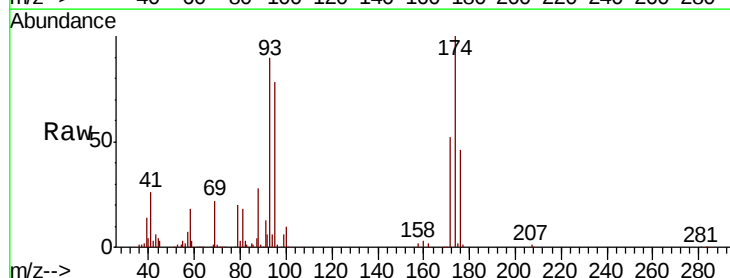
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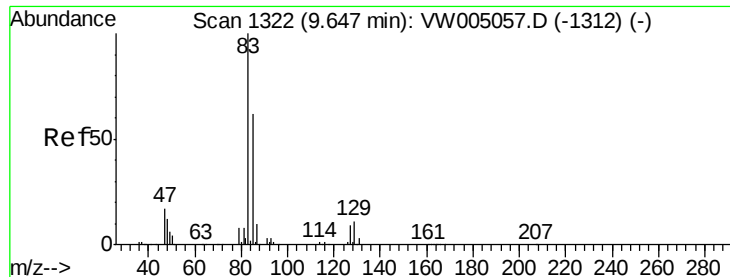
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#46
Dibromomethane
Concen: 21.78 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	66.2	99.4
174	111.2	92.0	138.0





#47

Bromodichloromethane

Concen: 21.37 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

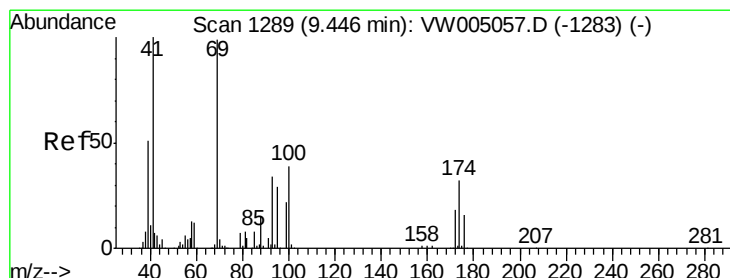
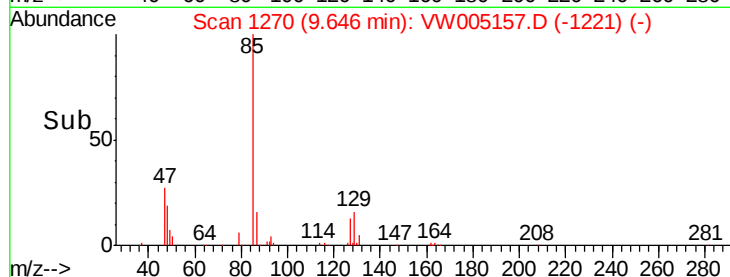
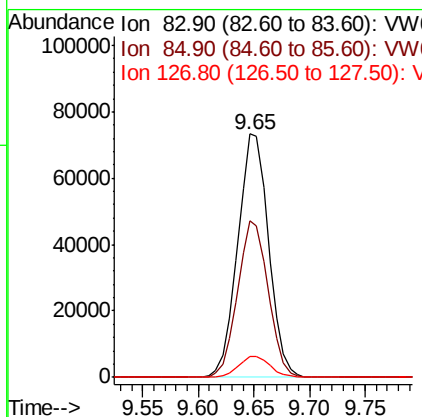
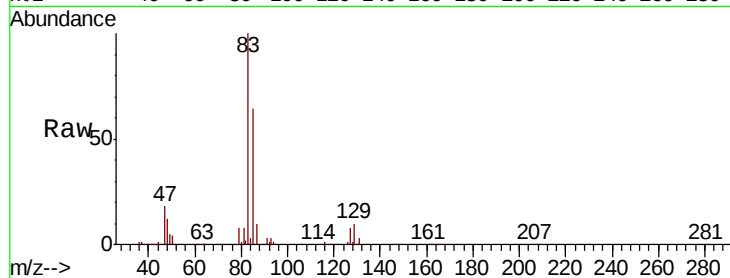
ClientSampleId :

VW0906SBS01

Tot Ion:	83	Resp:	141012
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.8	74.6
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 24.59 ug/l

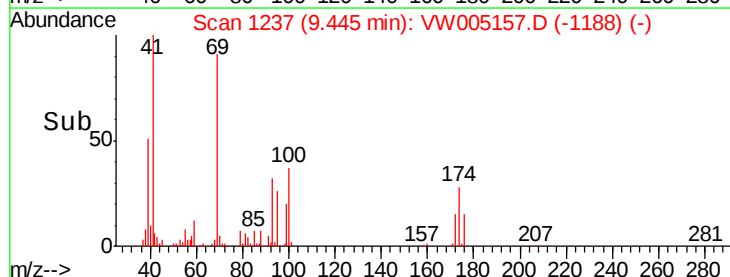
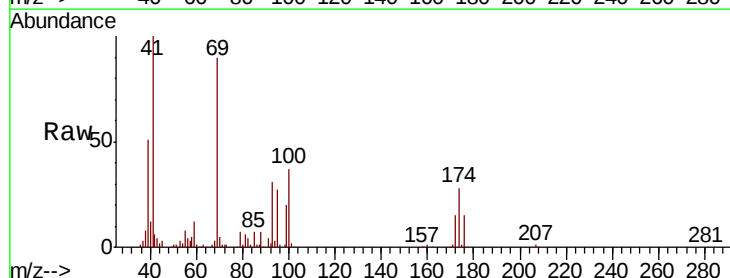
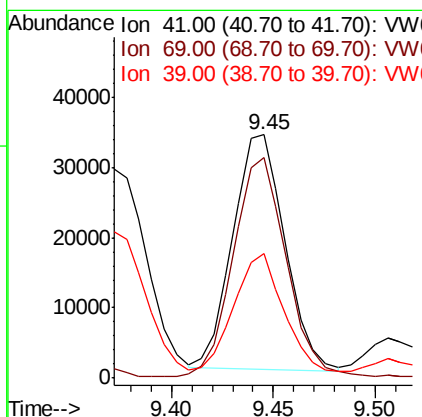
RT: 9.45 min Scan# 1237

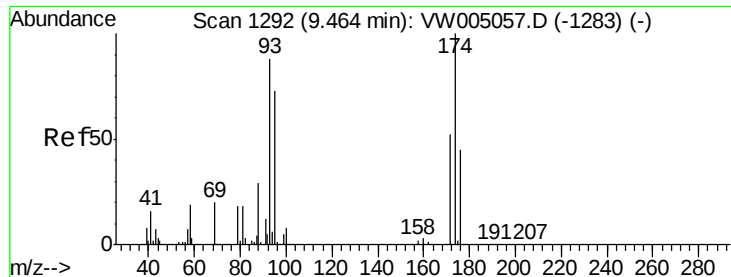
Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	41	Resp:	59050
Ion Ratio	Lower	Upper	
41	100		
69	95.5	80.4	120.6
39	48.7	43.5	65.3





#49

1,4-Dioxane

Concen: 474.98 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

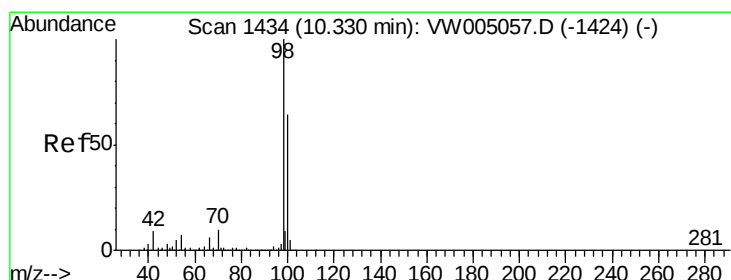
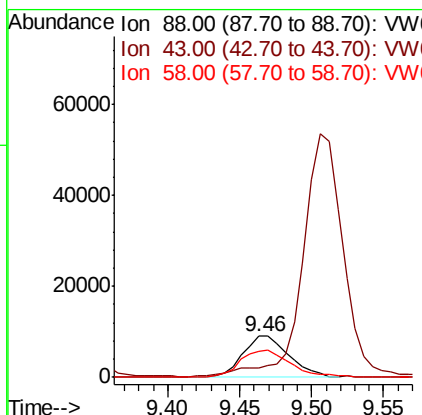
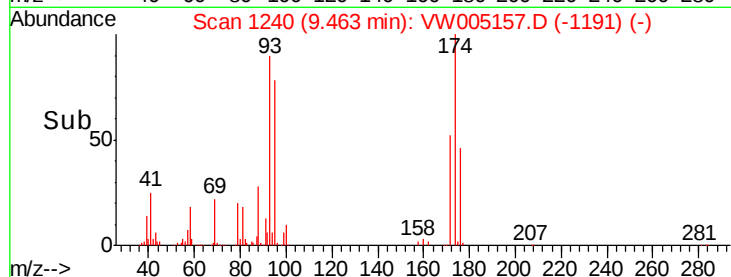
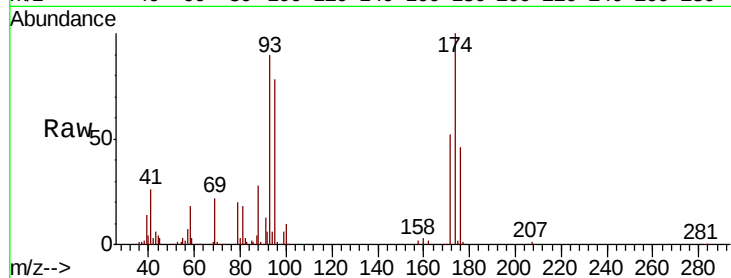
ClientSampled :

VW0906SBSD01

Tot Ion:	88	Resp:	20131
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	73.8	57.1	85.7

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#50

Toluene-d8

Concen: 52.52 ug/l

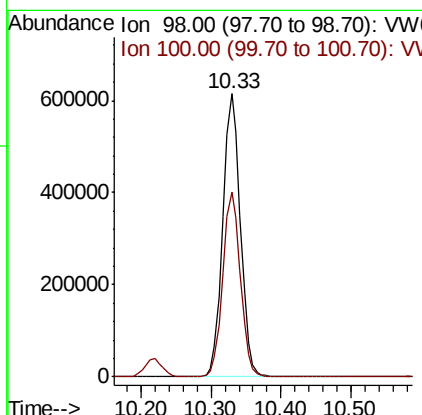
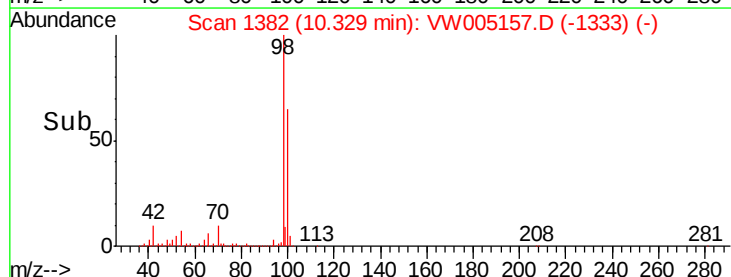
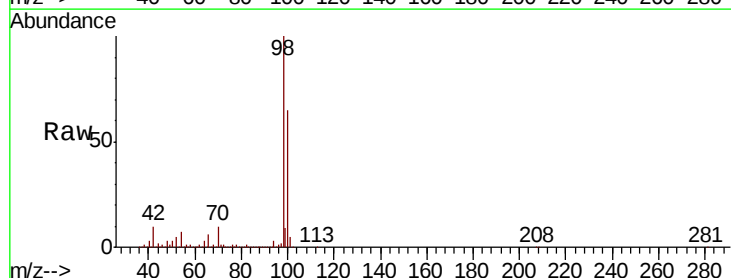
RT: 10.33 min Scan# 1382

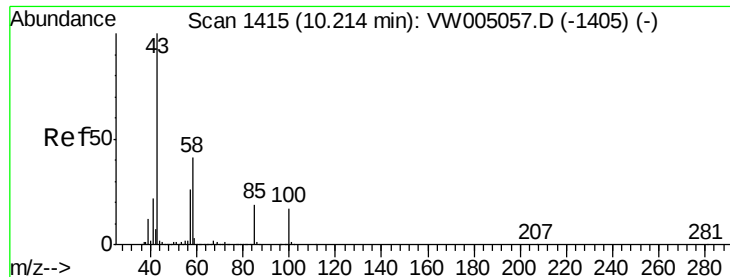
Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	98	Resp:	1076221
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 131.83 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 43 Resp: 440641

Ion Ratio Lower Upper

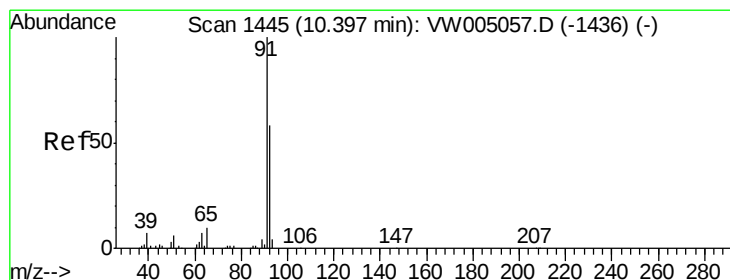
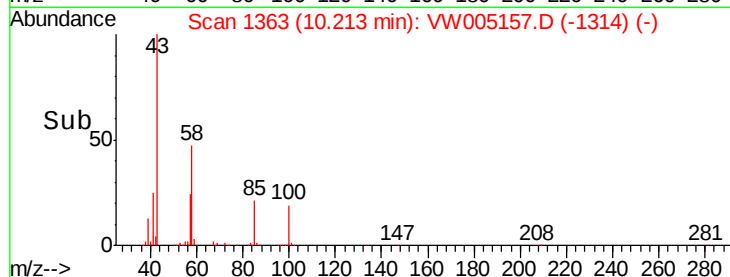
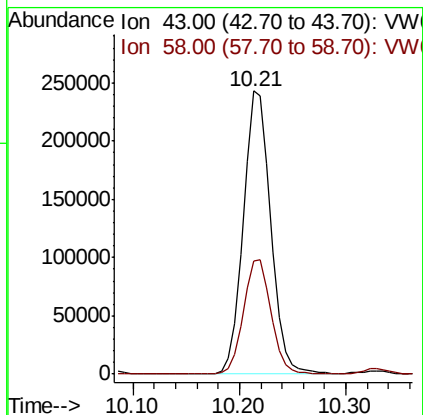
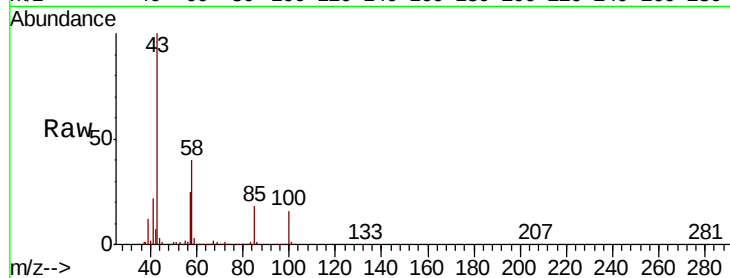
43 100

58 40.8 33.3 49.9

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#52

Toluene

Concen: 21.32 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005157.D

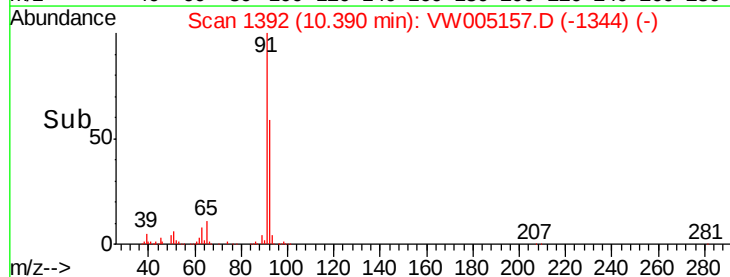
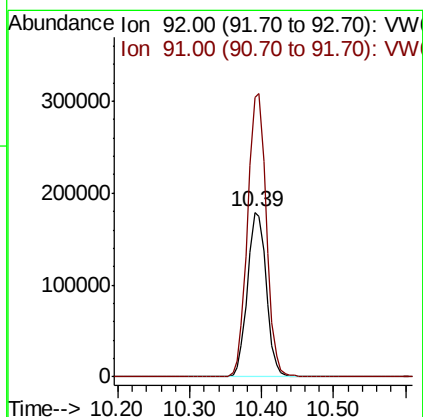
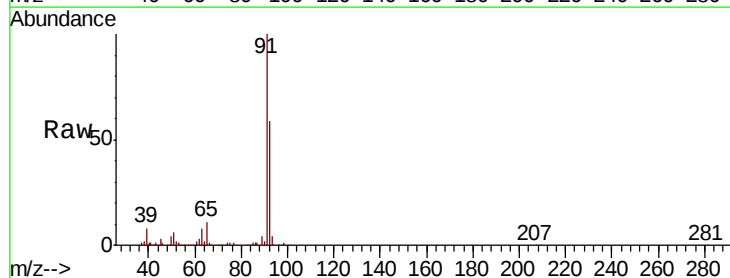
Acq: 06 Sep 2018 12:26

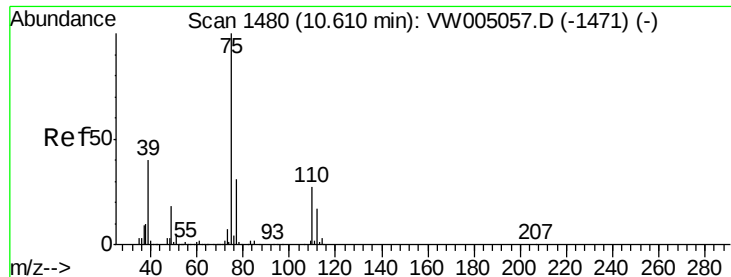
Tgt Ion: 92 Resp: 324075

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 22.77 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampled :

VW0906SBSD01

Tot Ion: 75 Resp: 147628

Ion Ratio Lower Upper

75 100

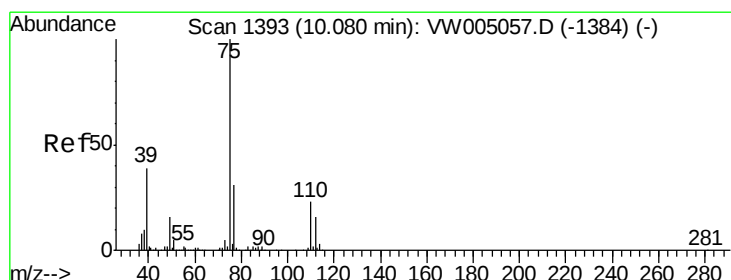
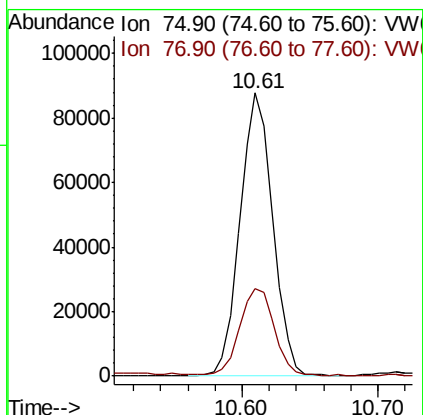
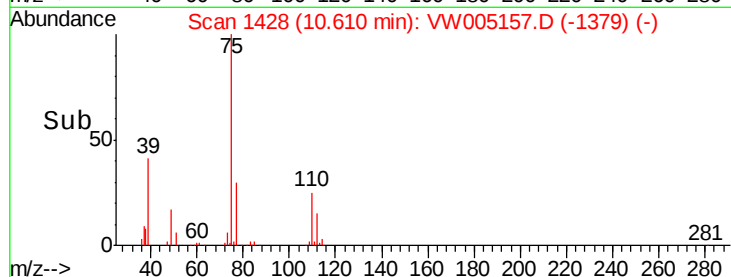
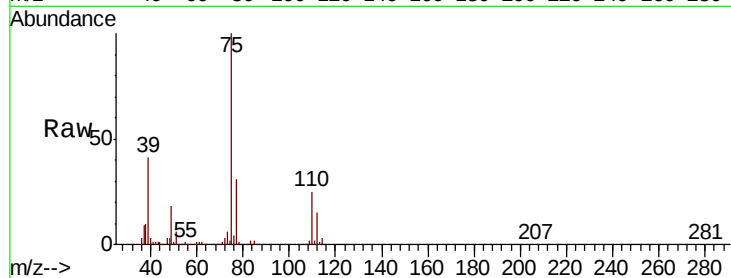
77 30.3 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 22.63 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

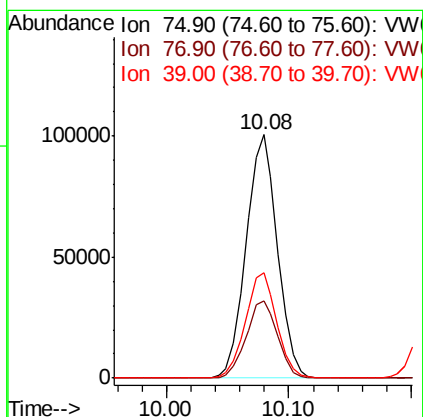
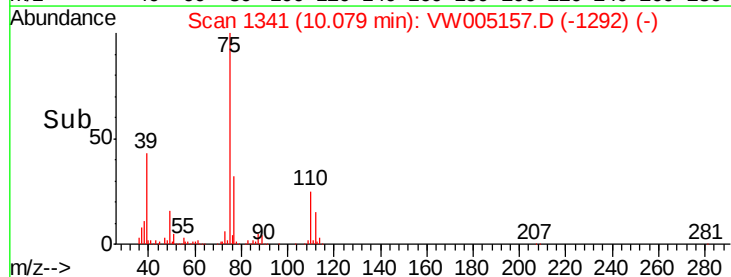
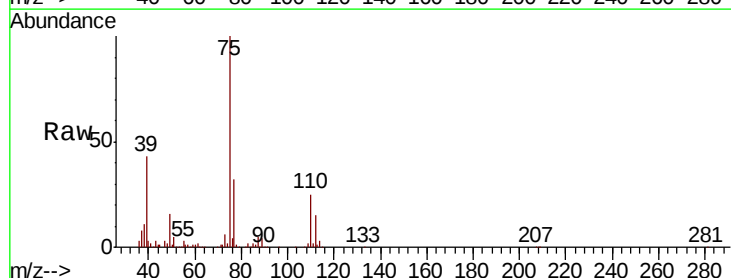
Tgt Ion: 75 Resp: 178492

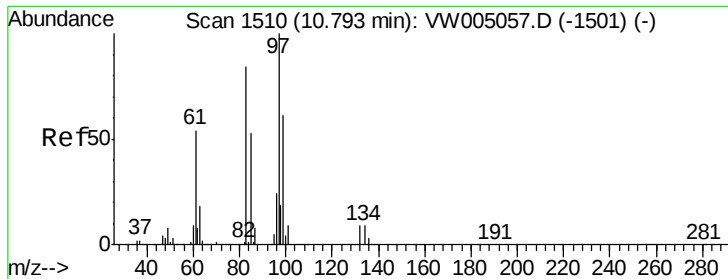
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 43.2 31.0 46.6





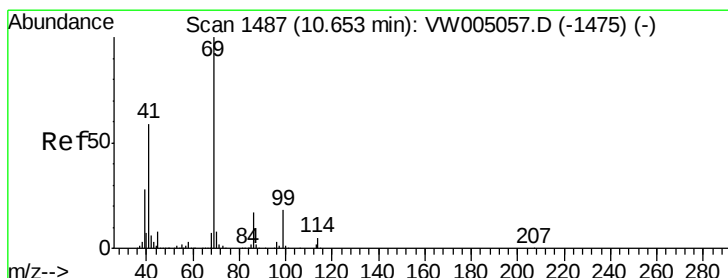
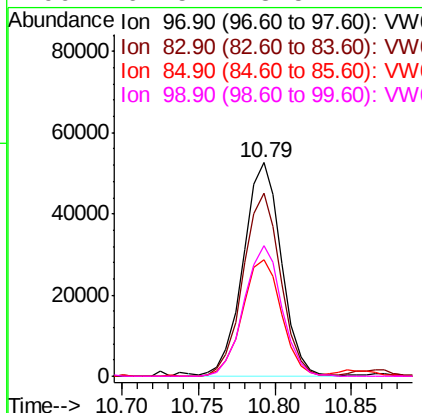
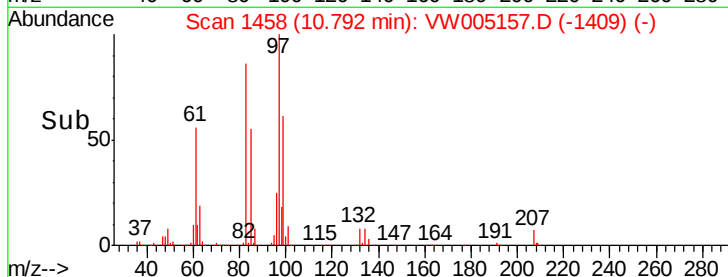
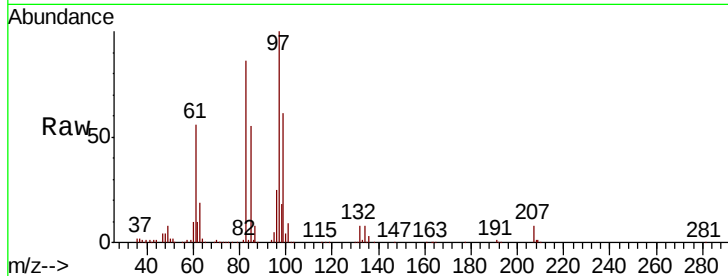
#55
 1,1,2-Trichloroethane
 Concen: 22.29 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion:	97	Resp:	90445
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	55.0	42.3	63.5
99	61.5	48.5	72.7

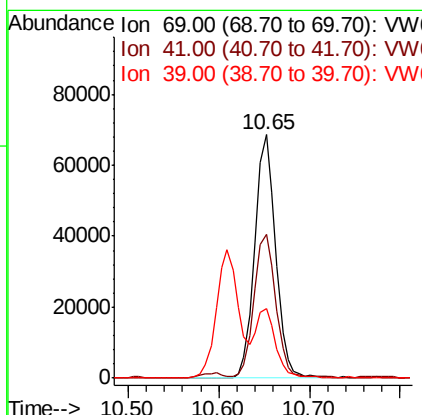
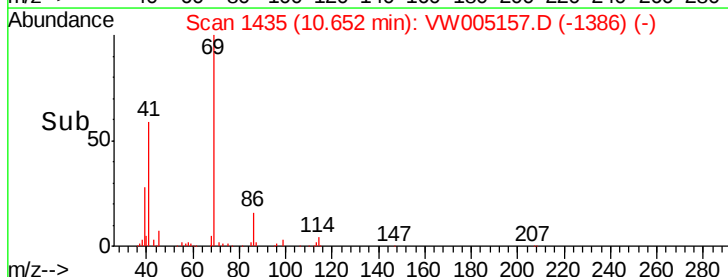
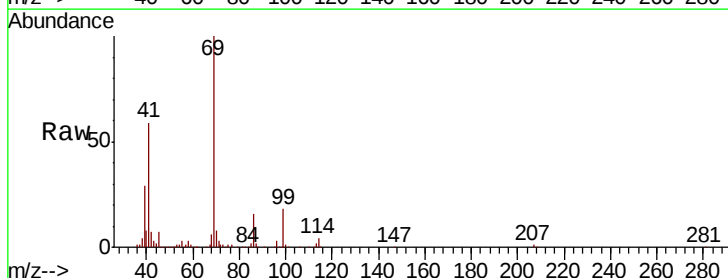
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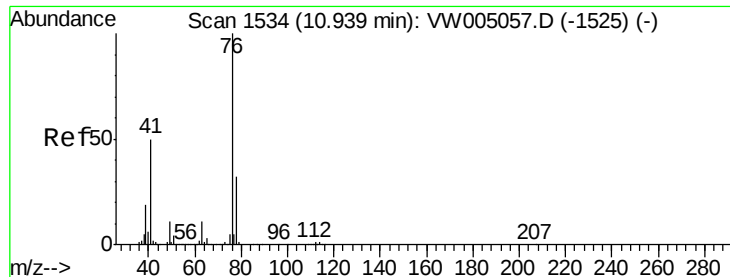
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#56
 Ethyl methacrylate
 Concen: 23.87 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion:	69	Resp:	110504
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.8	71.6
39	27.0	21.1	31.7





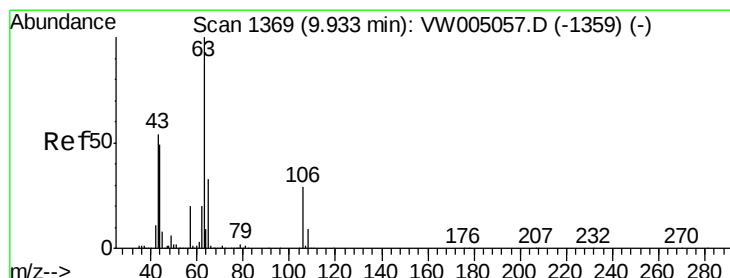
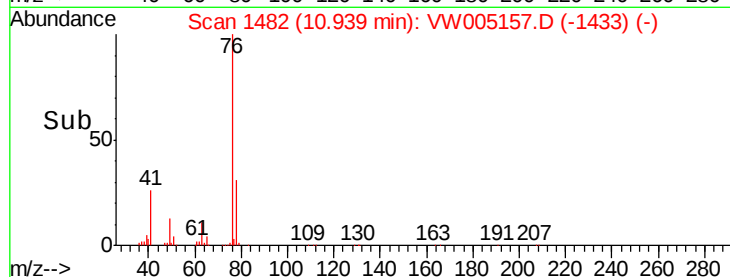
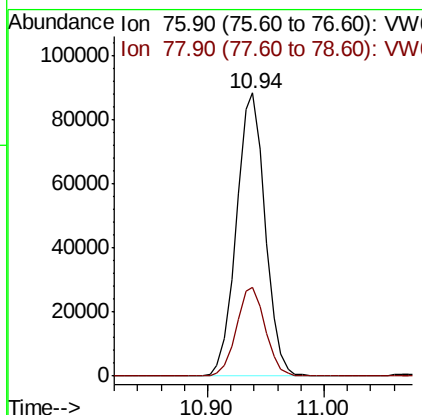
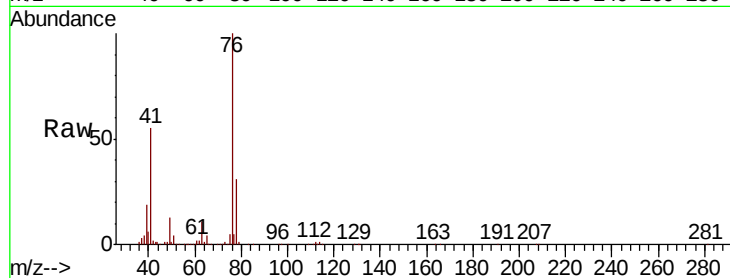
#57
 1,3-Dichloropropane
 Concen: 22.75 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.3	39.5

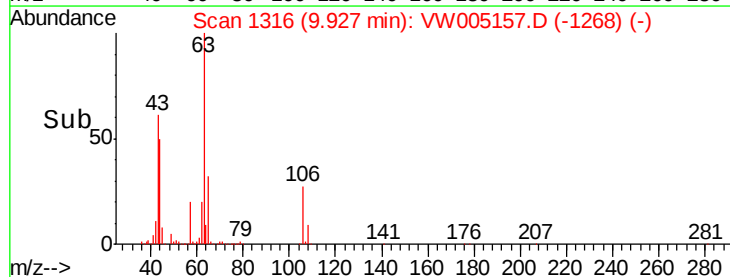
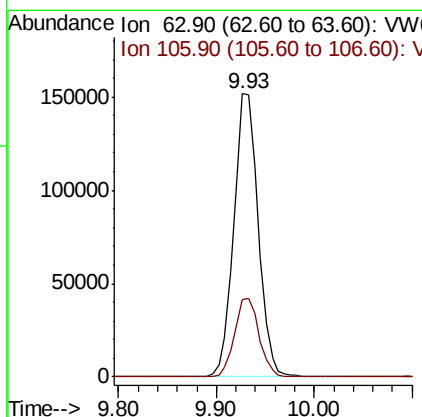
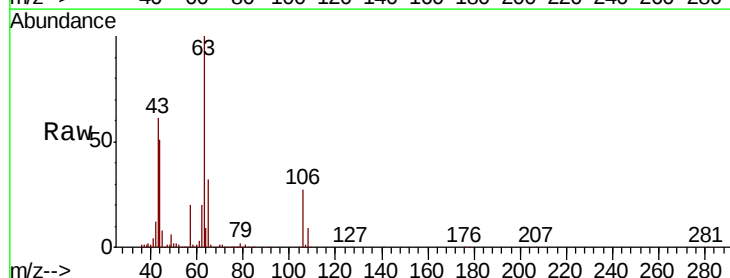
Manual Integrations
 APPROVED

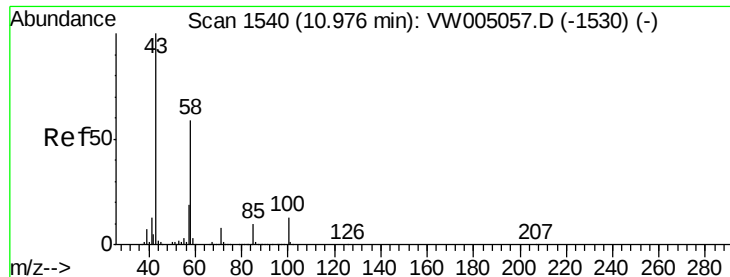
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 119.80 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.1	34.7





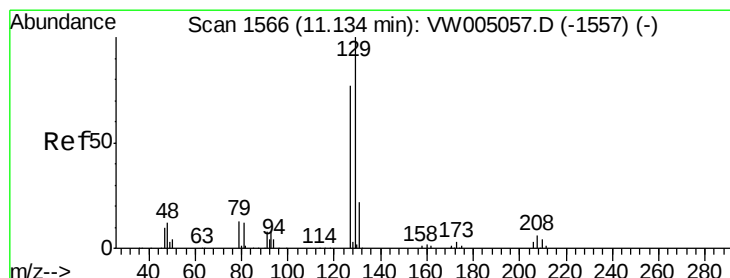
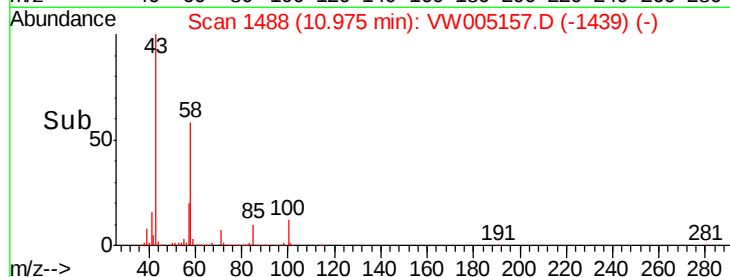
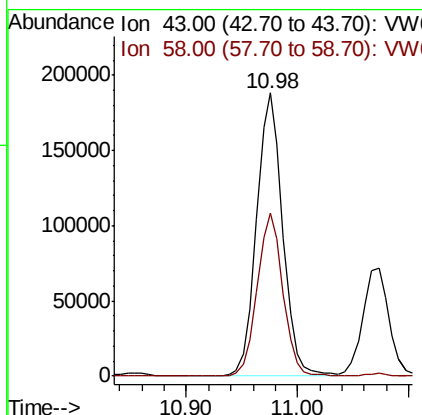
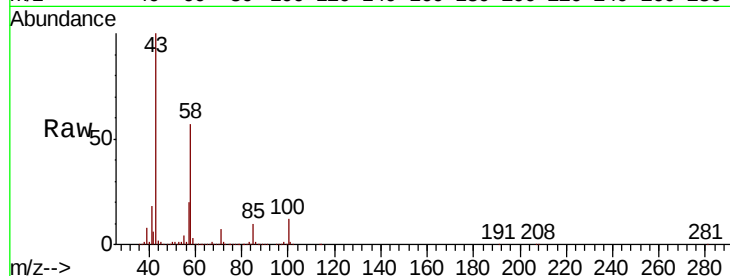
#59
2-Hexanone
Concen: 136.27 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion: 43 Resp: 308061
Ion Ratio Lower Upper
43 100
58 56.6 28.7 86.3

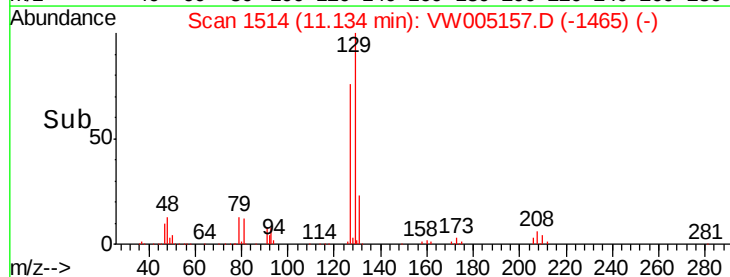
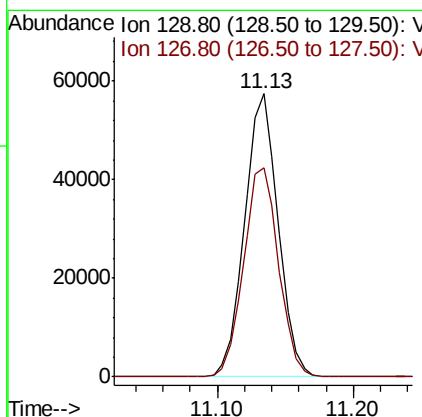
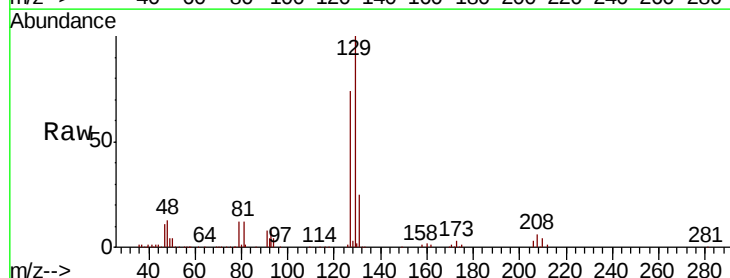
Manual Integrations
APPROVED

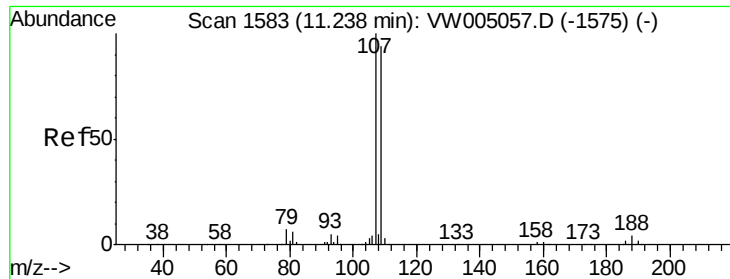
apatel
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#60
Dibromochloromethane
Concen: 21.59 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 129 Resp: 99021
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 22.28 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 107 Resp: 81629

Ion Ratio Lower Upper

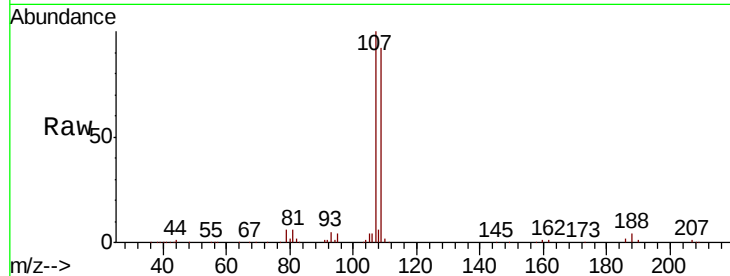
107 100

109 93.7 75.9 113.9

Manual Integrations
APPROVED

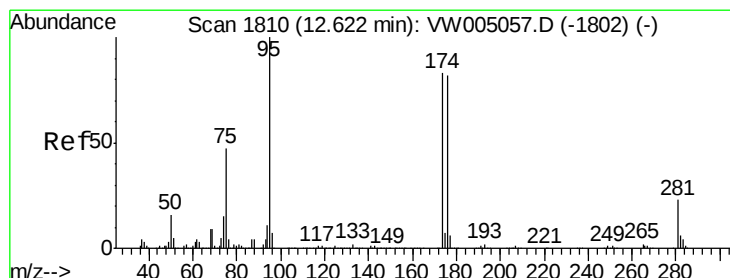
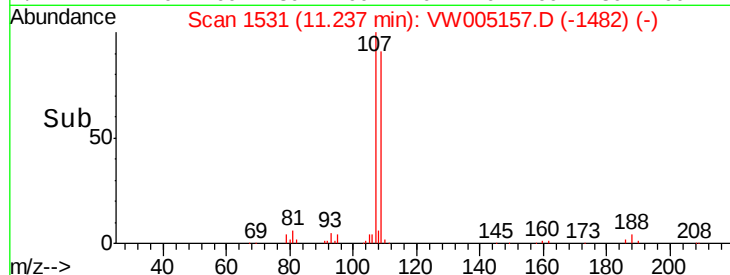
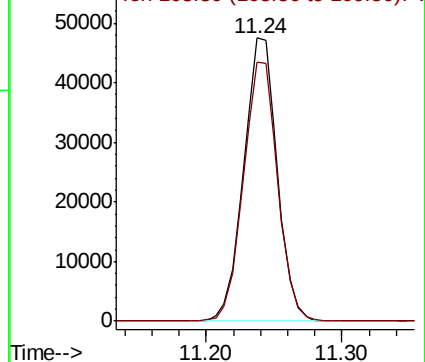
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.64 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

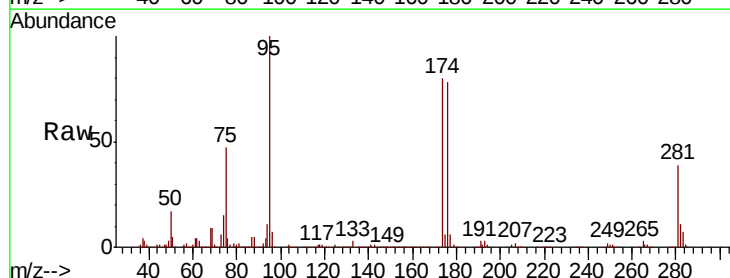
Tgt Ion: 95 Resp: 402030

Ion Ratio Lower Upper

95 100

174 82.7 0.0 173.4

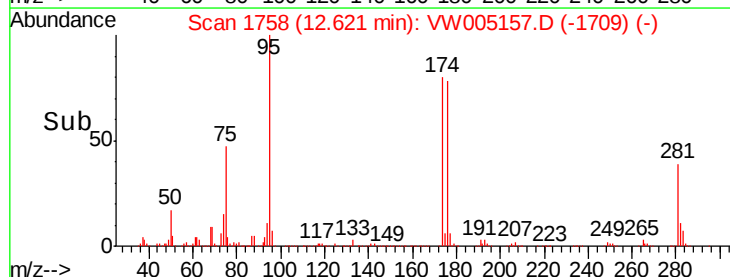
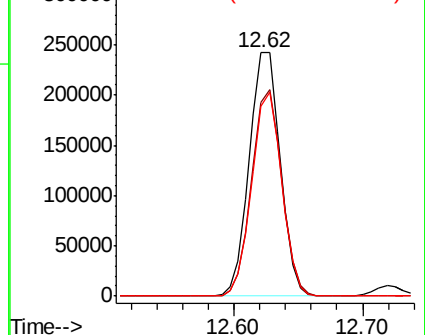
176 80.8 0.0 167.4

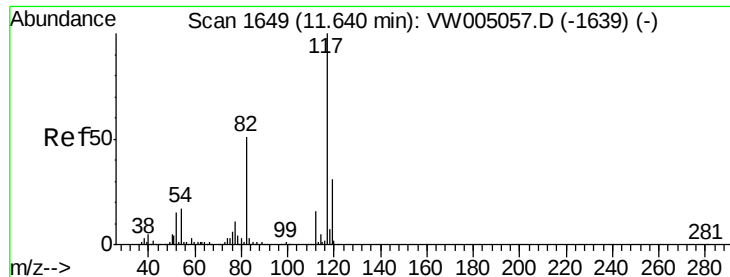


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





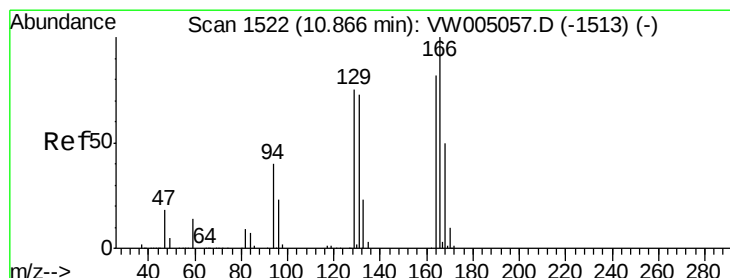
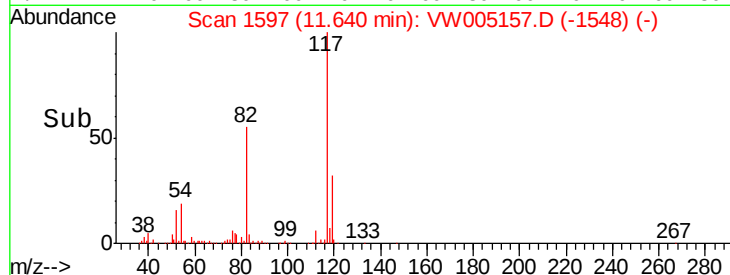
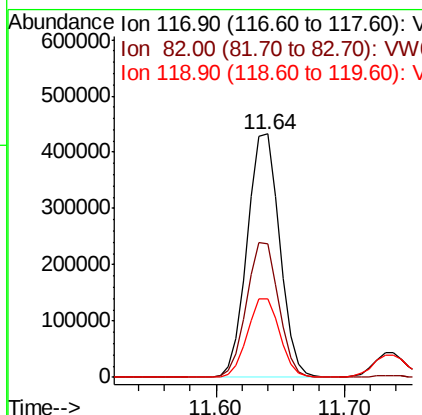
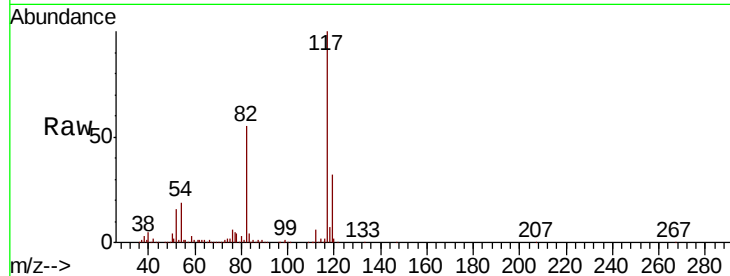
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.9	61.3
119	32.3	24.9	37.3

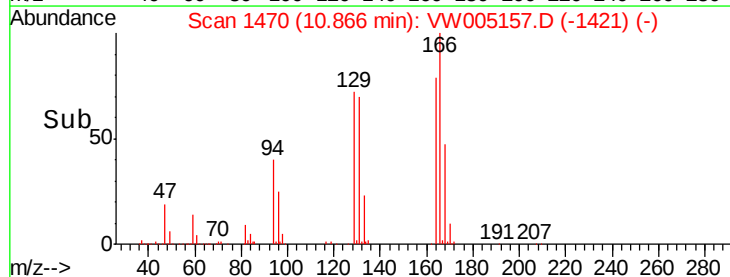
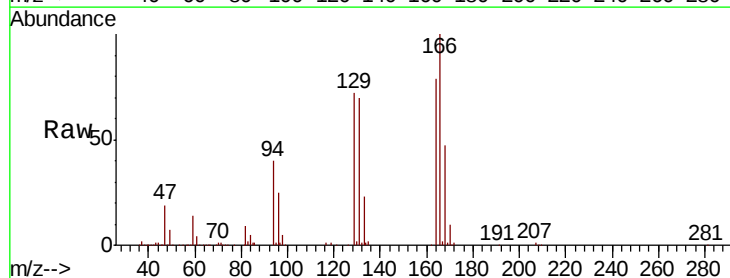
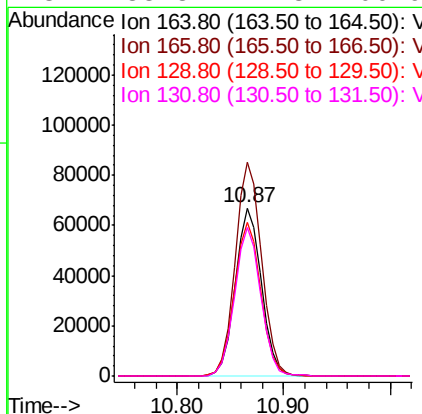
Manual Integrations
APPROVED

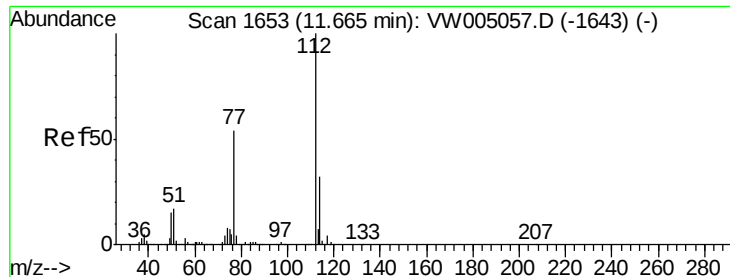
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#64
Tetrachloroethene
Concen: 19.55 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	97.3	145.9
129	91.6	73.1	109.7
131	88.8	71.3	106.9





#65

Chlorobenzene

Concen: 20.94 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion:112 Resp: 354205

Ion Ratio Lower Upper

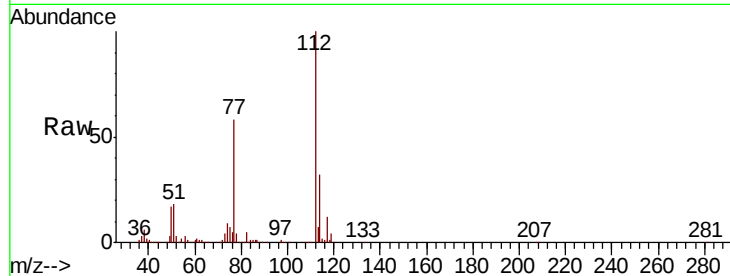
112 100

114 32.1 26.0 39.0

Manual Integrations
APPROVED

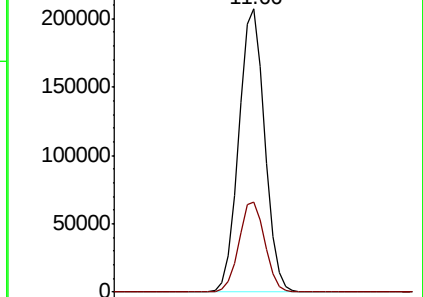
apatel

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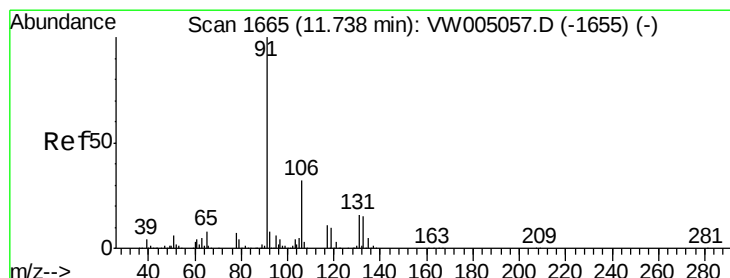
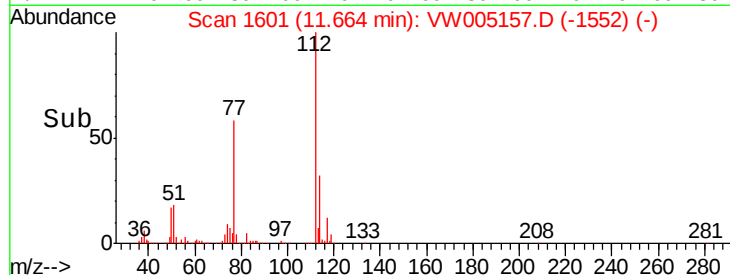


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.92 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

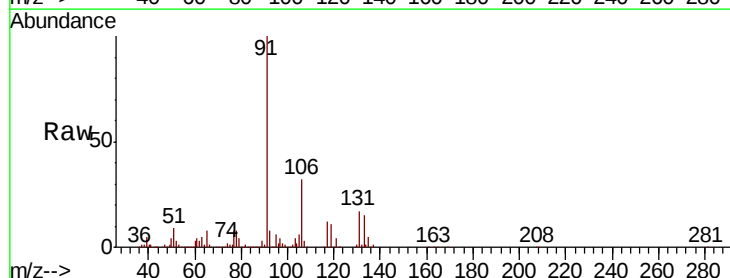
Tgt Ion:131 Resp: 108123

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.3

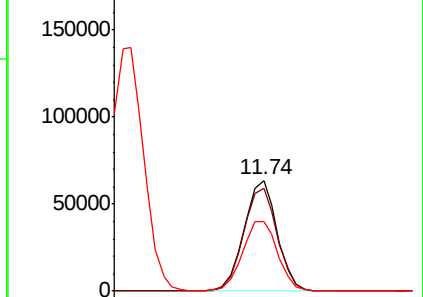
119 67.3 33.4 100.1



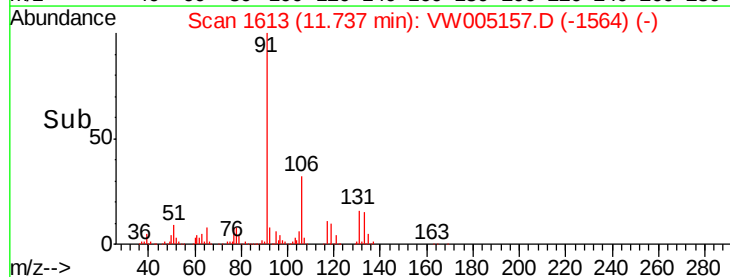
Abundance Ion 130.80 (130.50 to 131.50): V

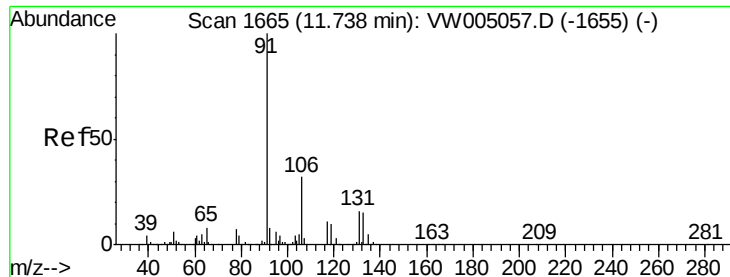
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





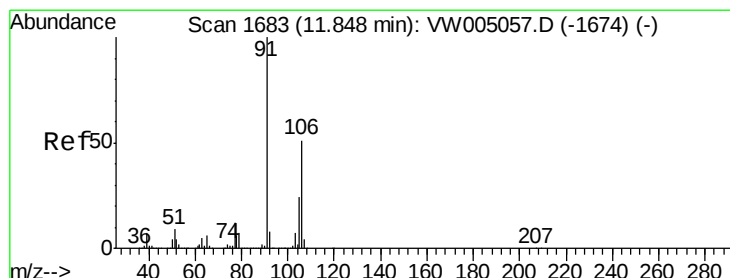
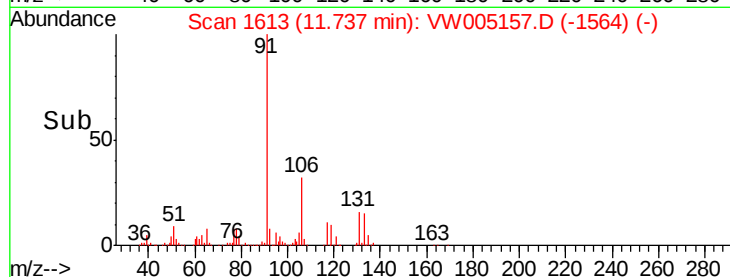
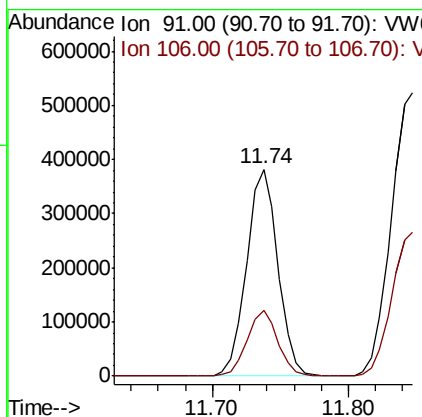
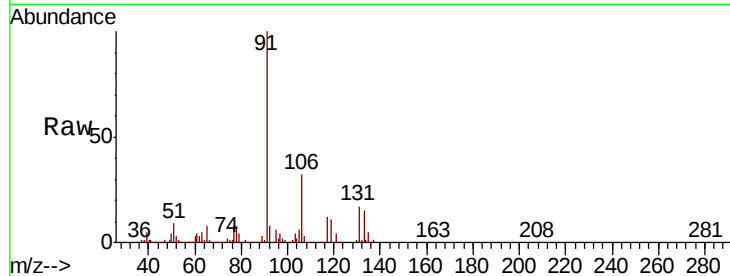
#67
Ethyl Benzene
Concen: 21.51 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion: 91 Resp: 615264
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

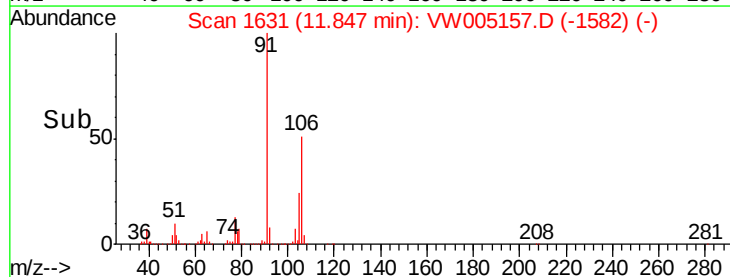
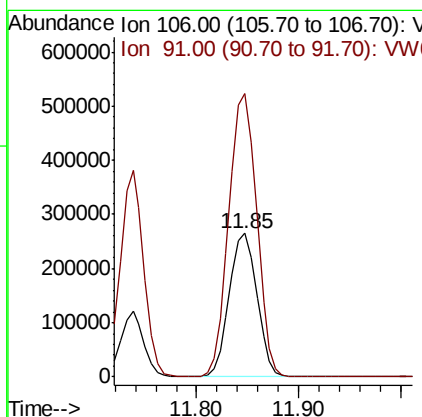
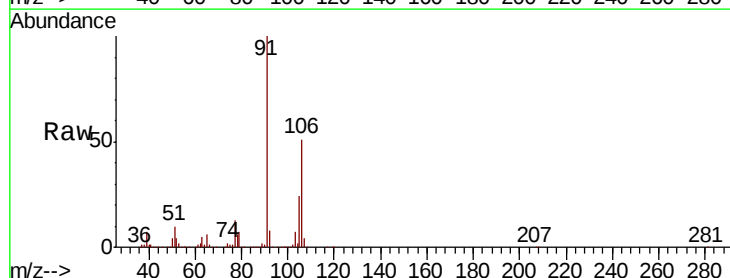
Manual Integrations
APPROVED

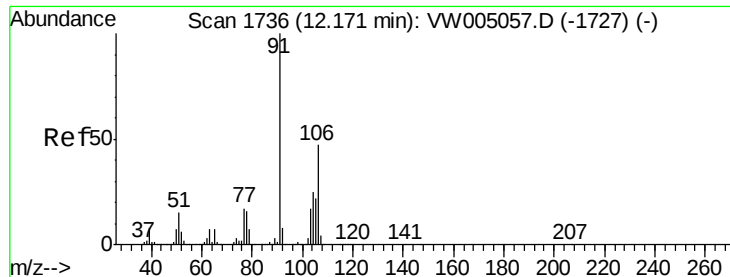
apatel
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#68
m/p-Xylenes
Concen: 43.67 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 106 Resp: 500055
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6





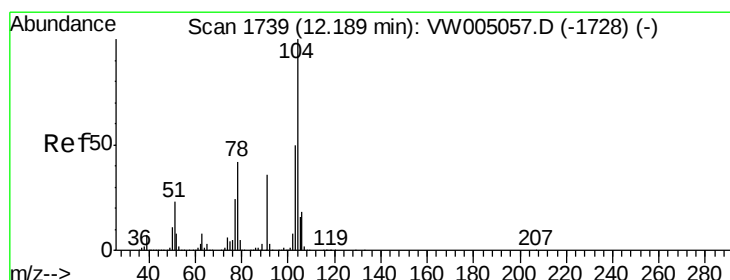
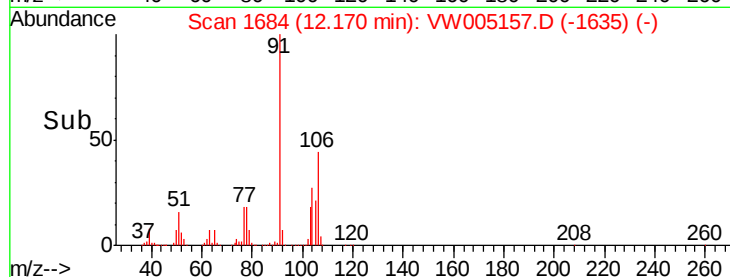
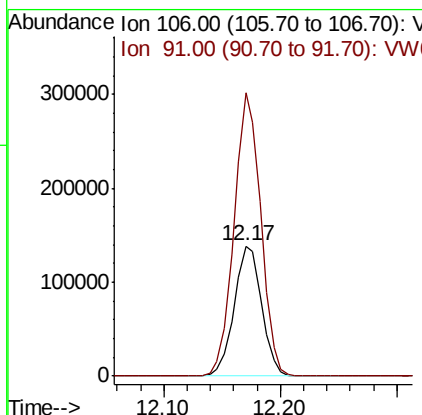
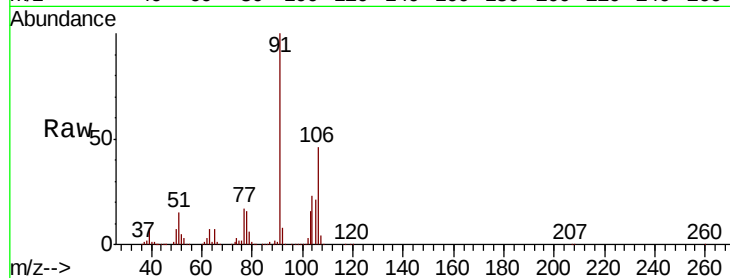
#69
o-Xylene
Concen: 21.53 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		227970		
91	211.8	105.6	316.8		

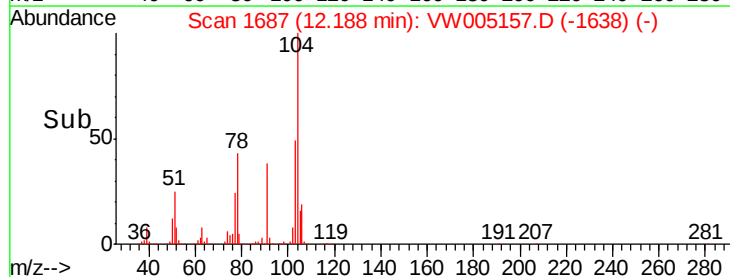
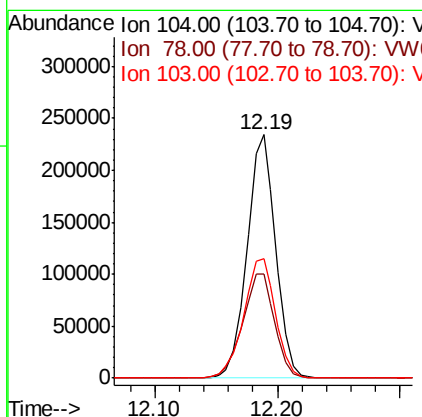
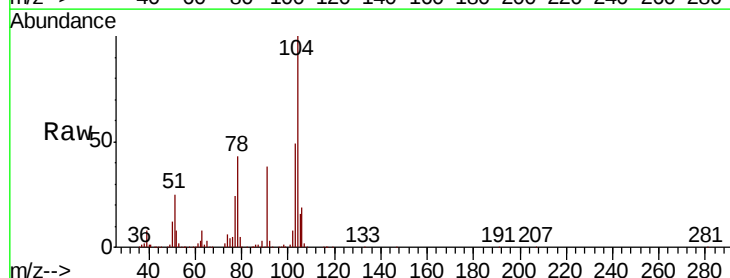
Manual Integrations
APPROVED

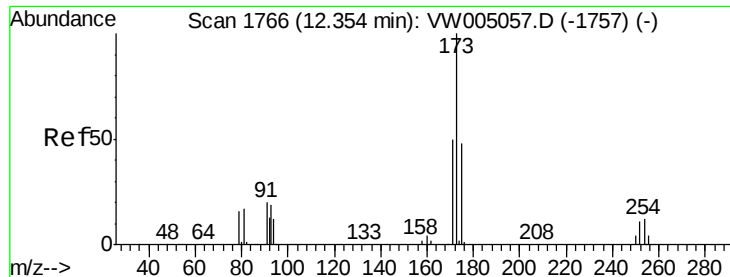
apatel
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#70
Styrene
Concen: 21.74 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		380191		
78	47.7	37.8	56.6		
103	54.6	44.1	66.1		





#71

Bromoform

Concen: 21.72 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

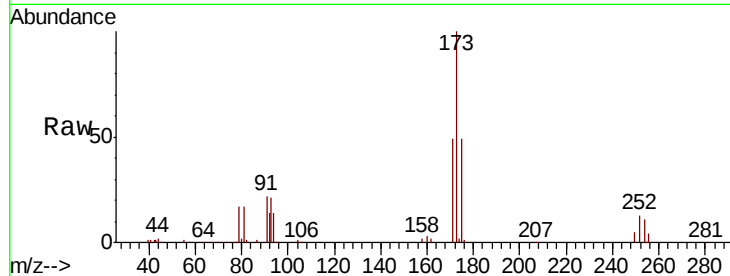
ClientSampleId :

VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.2
254	0.0	0.2	0.2

Manual Integrations
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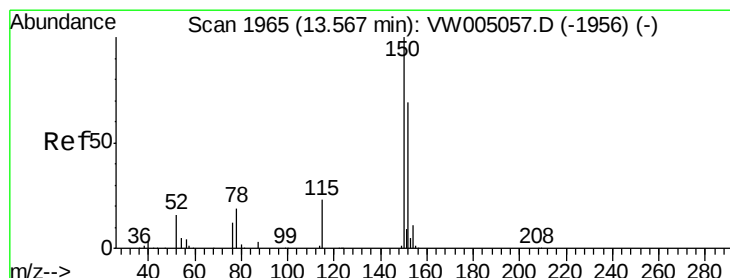
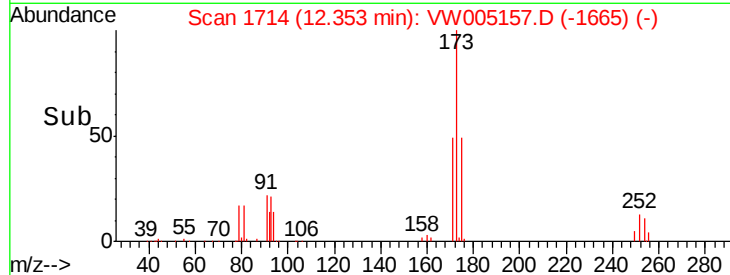
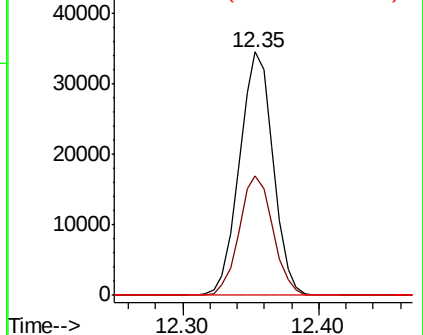


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

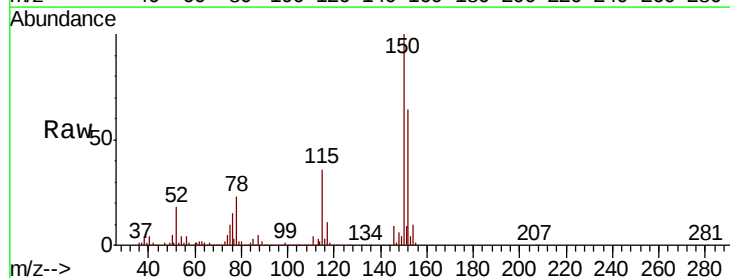
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	27.8	83.4
150	164.1	0.0	351.4

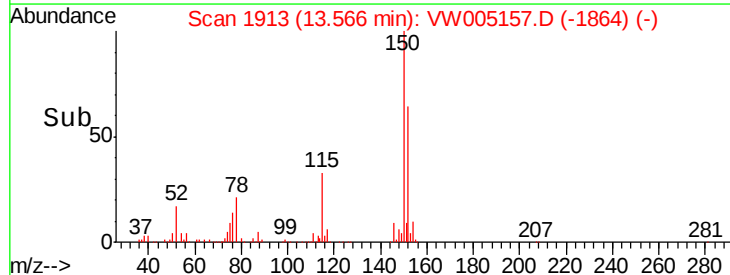
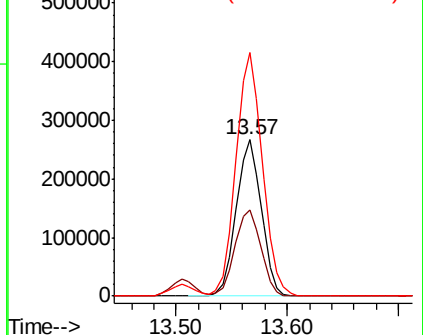


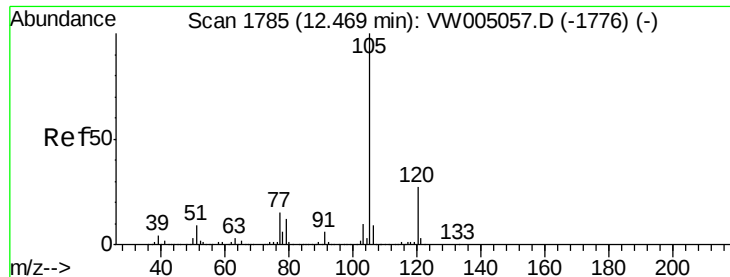
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.10 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 105 Resp: 617554

Ion Ratio Lower Upper

105 100

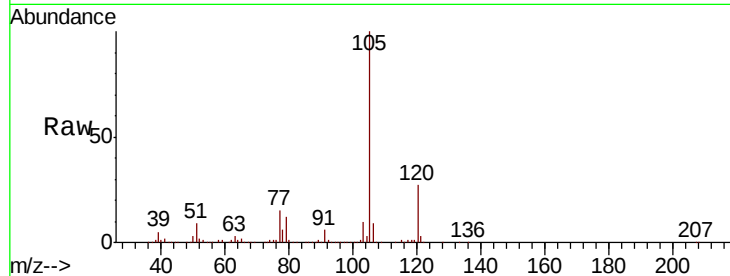
120 26.6 13.4 40.1

Manual Integrations

APPROVED

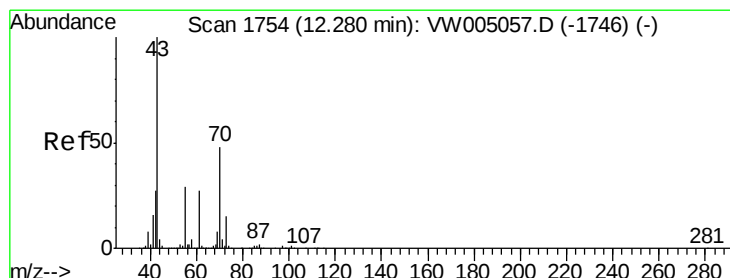
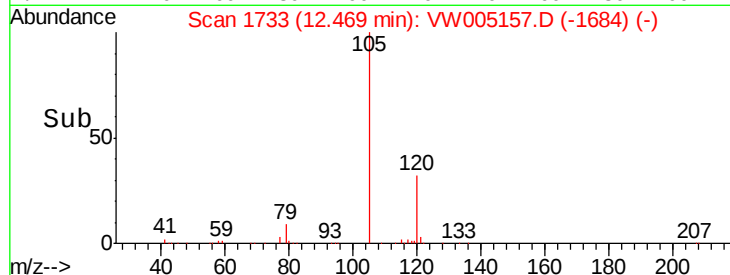
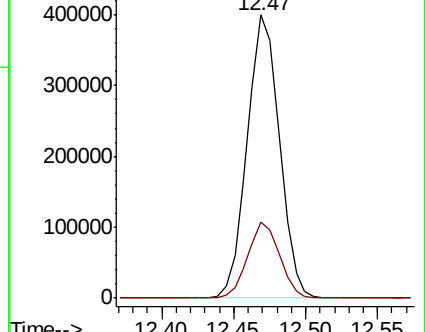
apatel

9/7/2018 12:29:12 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.75 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion: 43 Resp: 124744

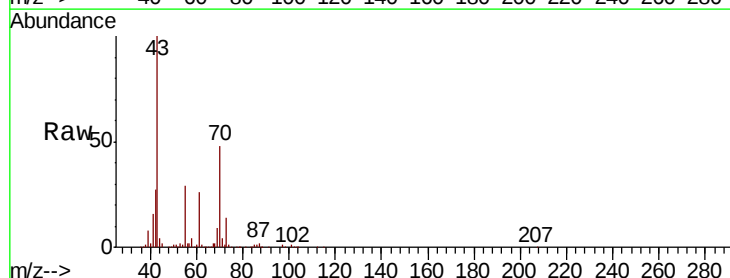
Ion Ratio Lower Upper

43 100

70 47.1 38.2 57.4

55 29.2 23.2 34.8

61 25.8 20.6 31.0

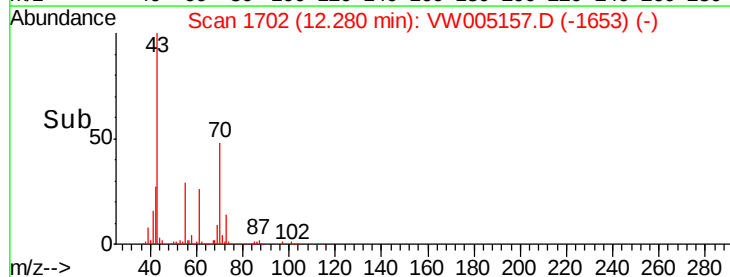
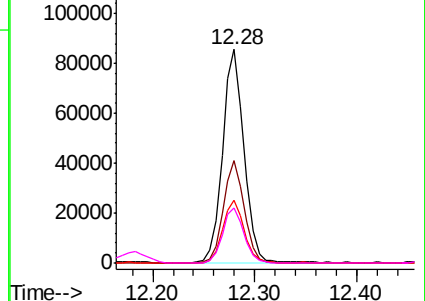


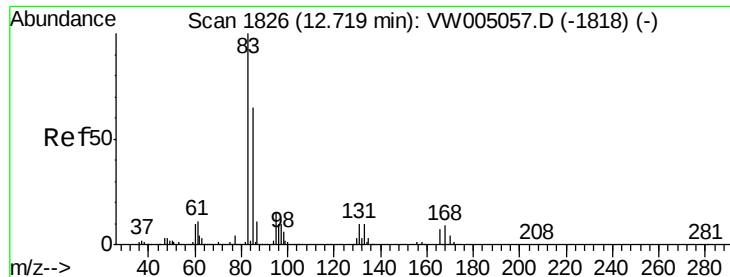
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 23.45 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

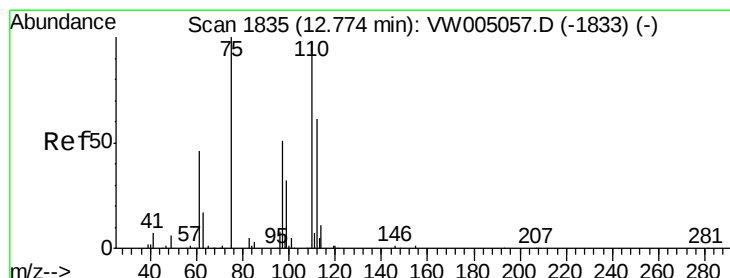
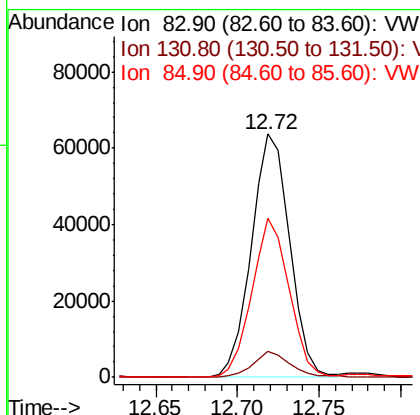
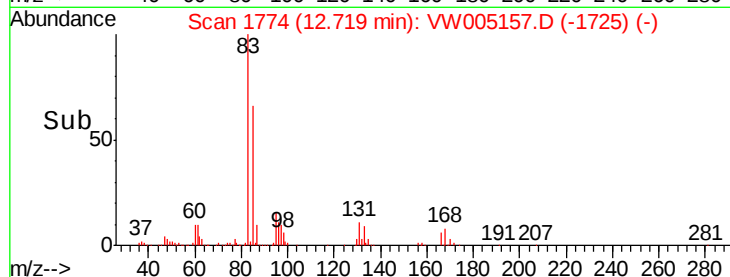
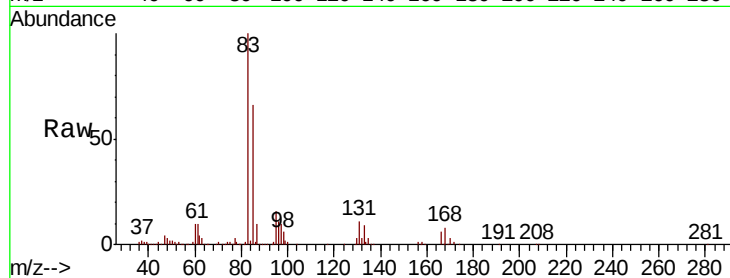
ClientSampleId :

VW0906SBSD01

Tot Ion:	83	Resp:	104504
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.5	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 21.79 ug/l m

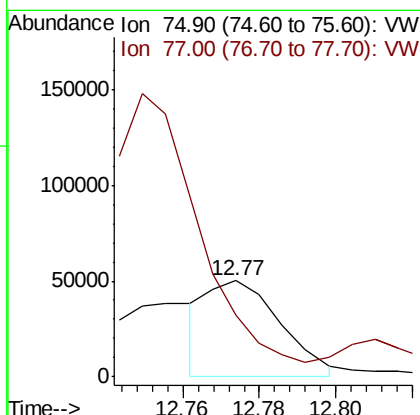
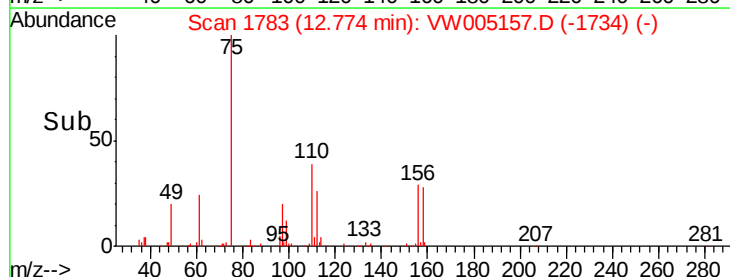
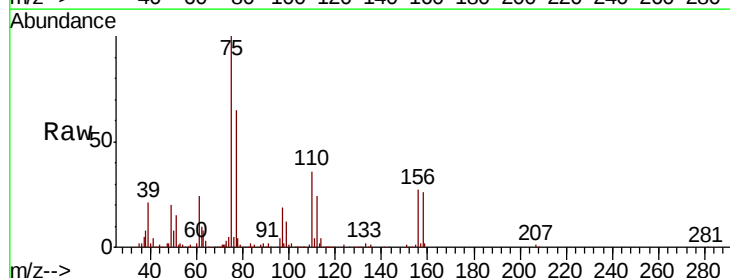
RT: 12.77 min Scan# 1783

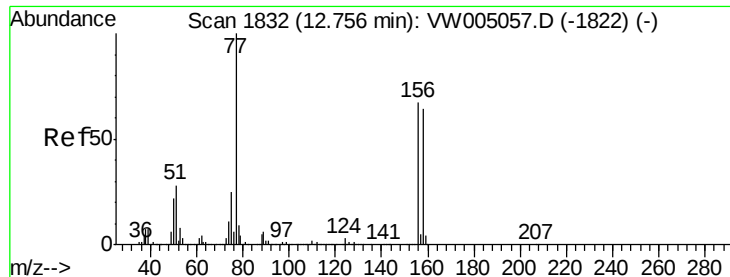
Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	75	Resp:	67899
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.31 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

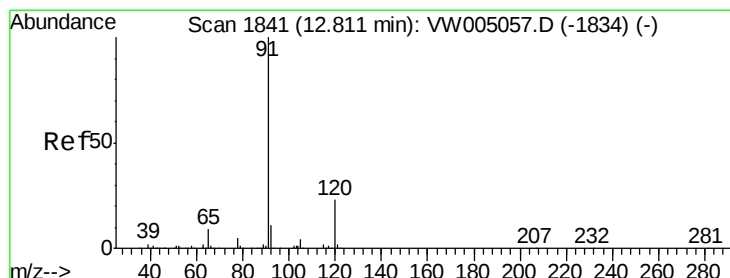
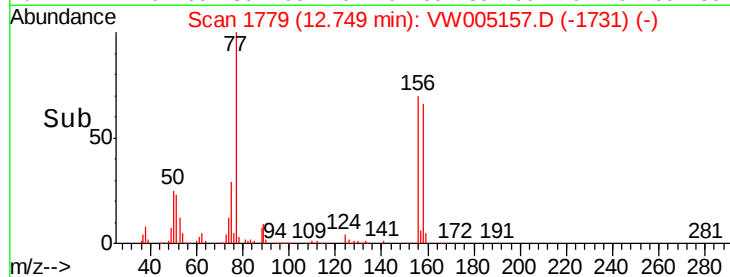
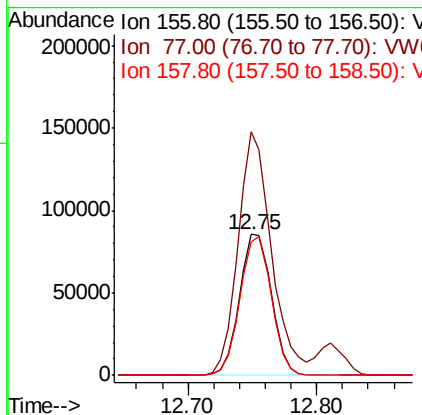
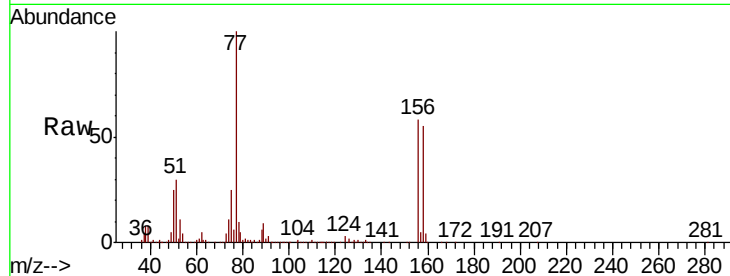
ClientSampleId :

VW0906SBSD01

Tot Ion:	156	Resp:	146453
Ion Ratio	Lower	Upper	
156	100		
77	180.5	85.8	257.4
158	96.6	48.1	144.4

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#78

n-propylbenzene

Concen: 21.42 ug/l

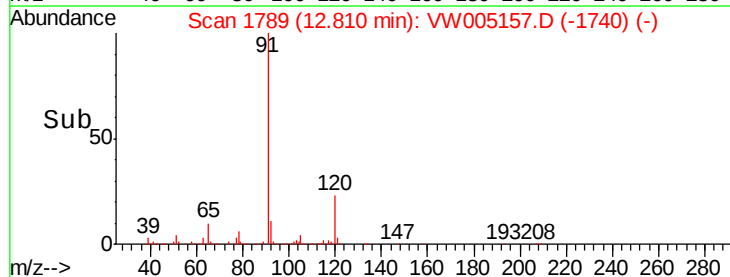
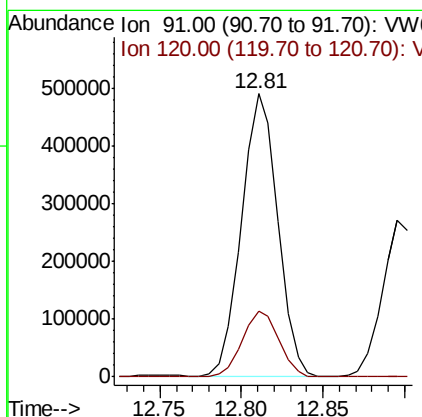
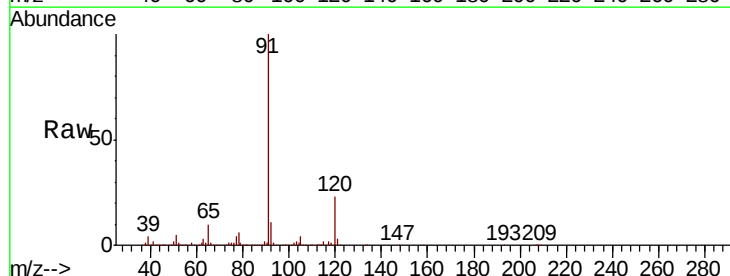
RT: 12.81 min Scan# 1789

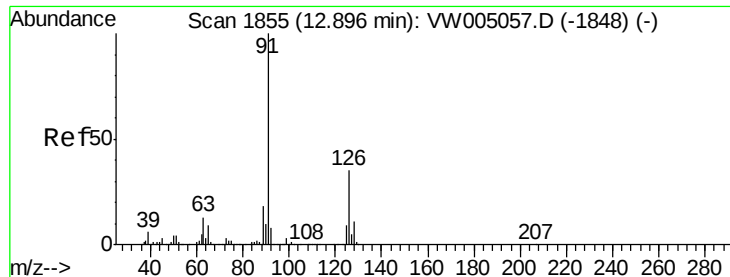
Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:	91	Resp:	756932
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





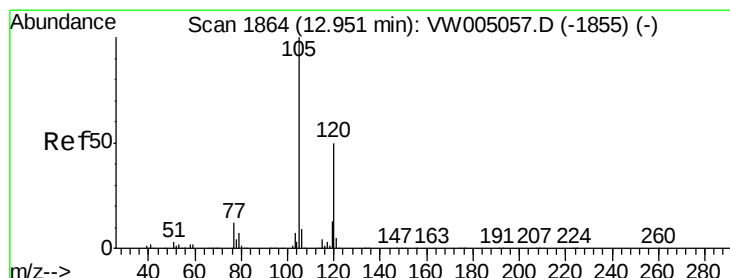
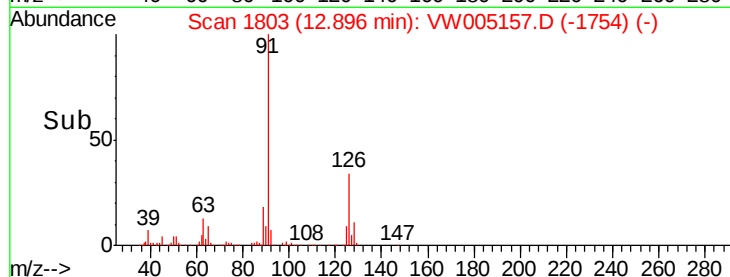
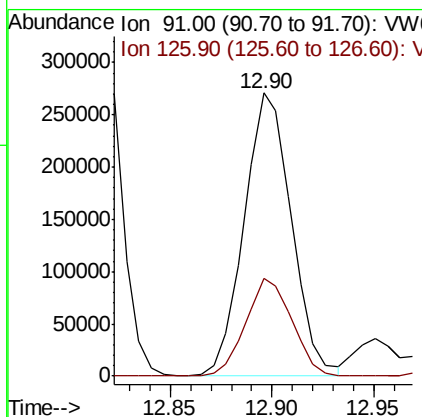
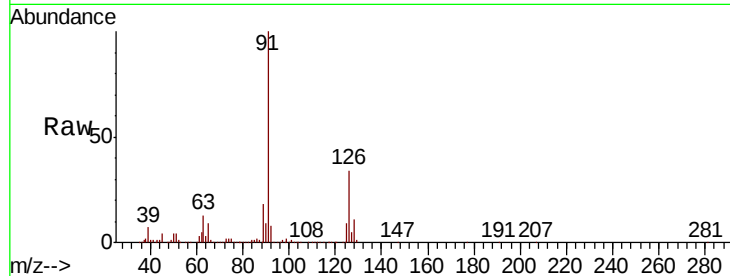
#79
 2-Chlorotoluene
 Concen: 21.12 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion: 91 Resp: 435466
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.3 52.0

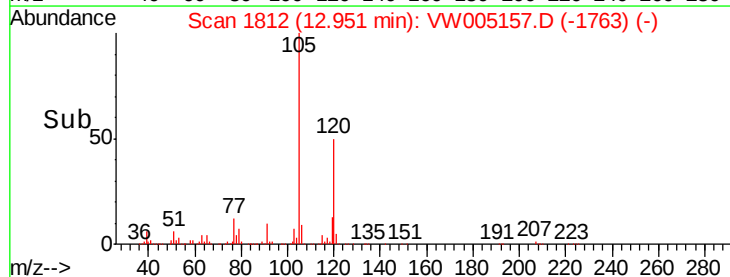
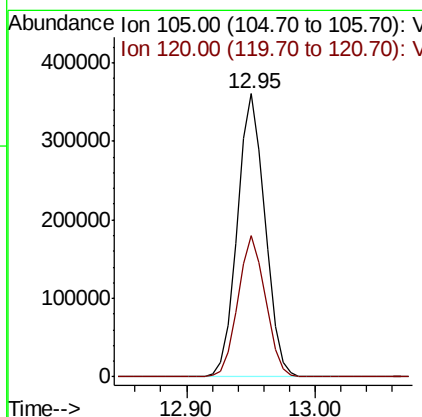
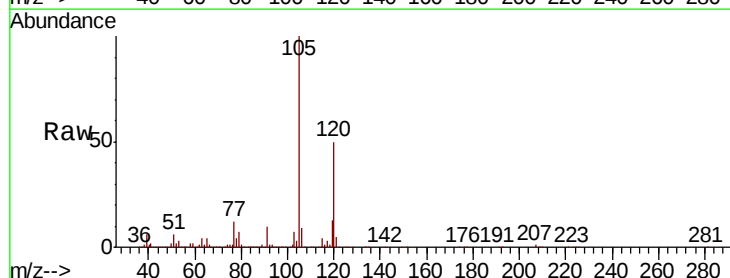
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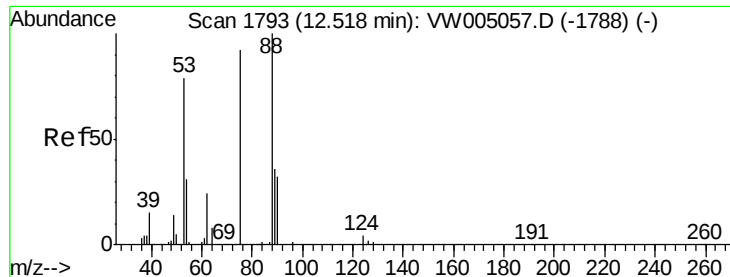
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.12 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion:105 Resp: 534587
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





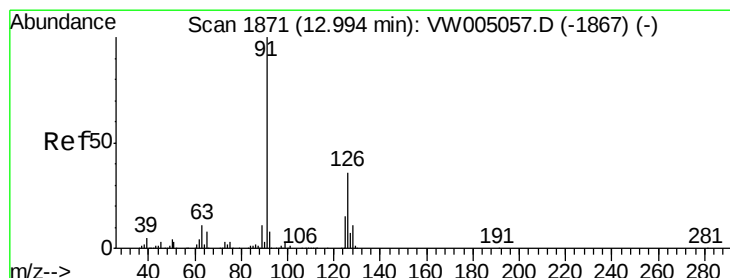
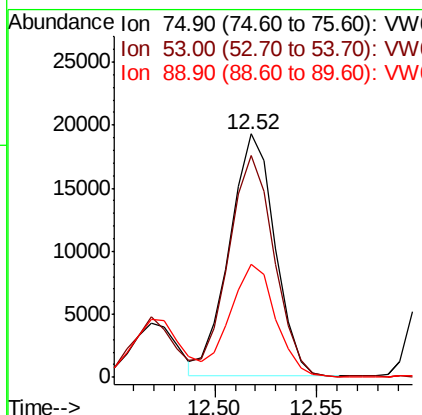
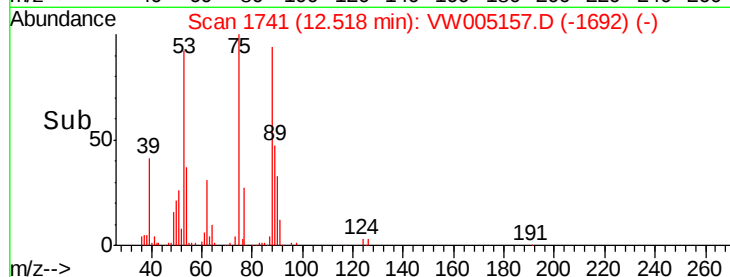
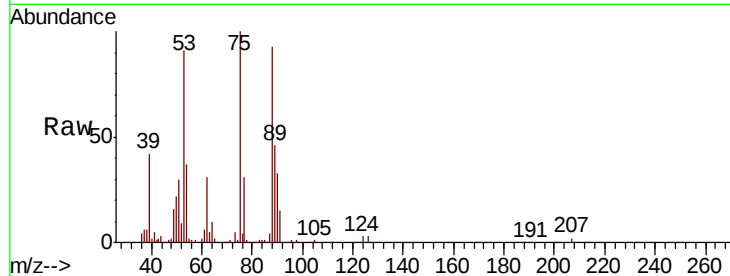
#81
trans-1,4-Dichloro-2-butene
Concen: 22.99 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	69.8	104.8
89	46.7	36.0	54.0

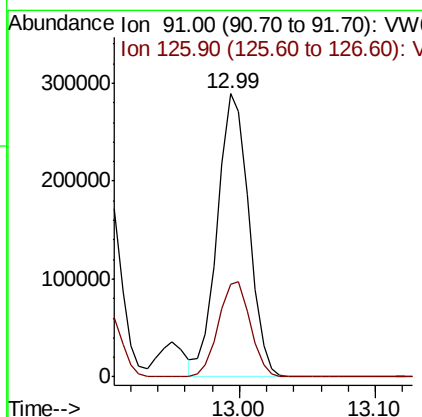
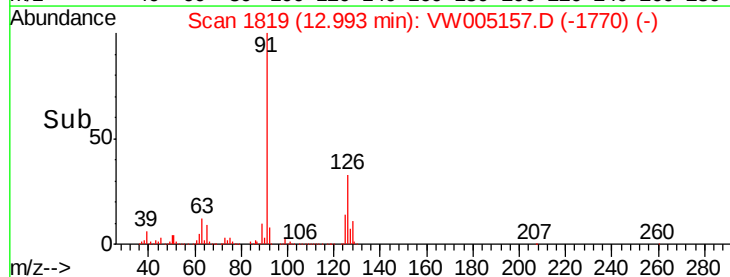
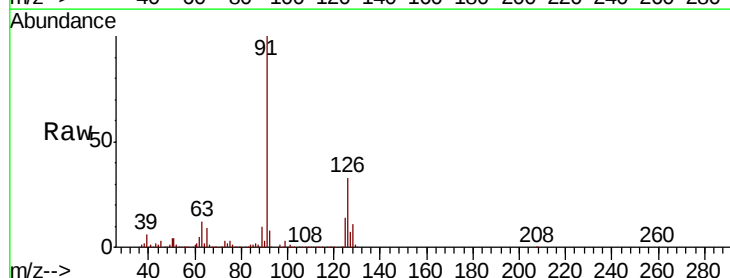
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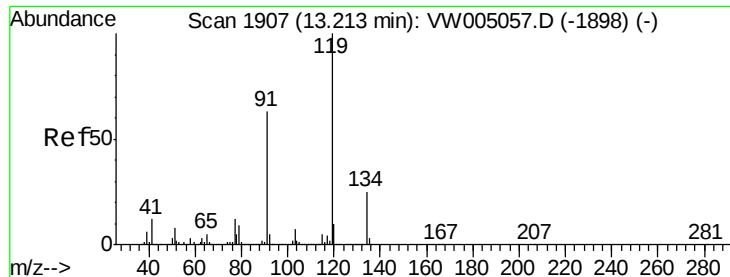
apatel
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#82
4-Chlorotoluene
Concen: 21.37 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.4	52.3





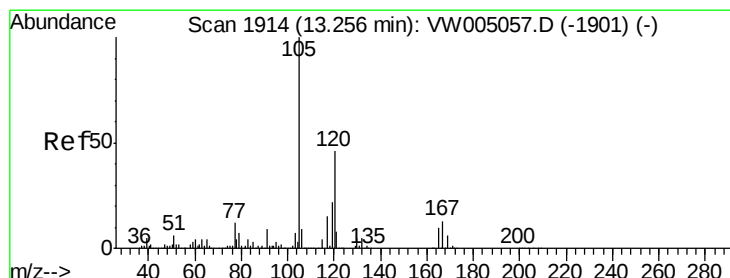
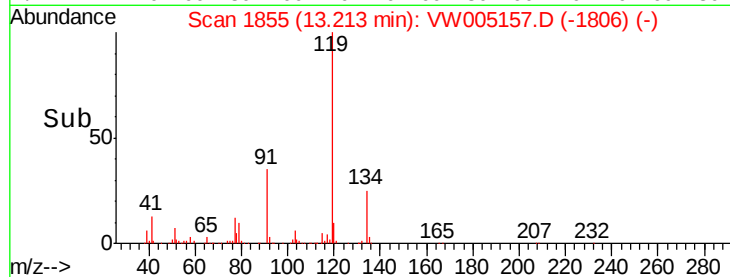
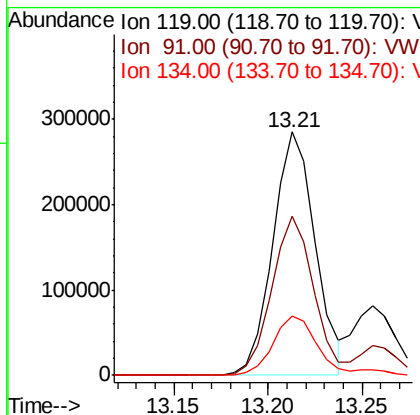
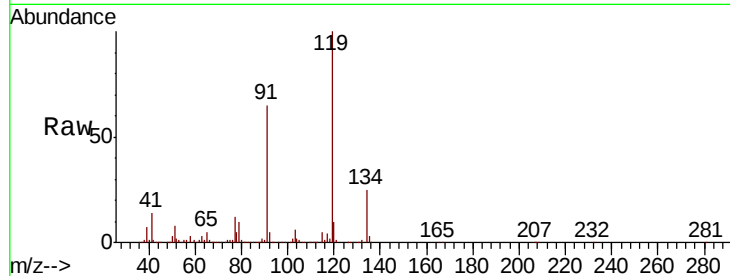
#83
tert-Butylbenzene
Concen: 21.04 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	31.8	95.4
134	26.5	13.0	39.0

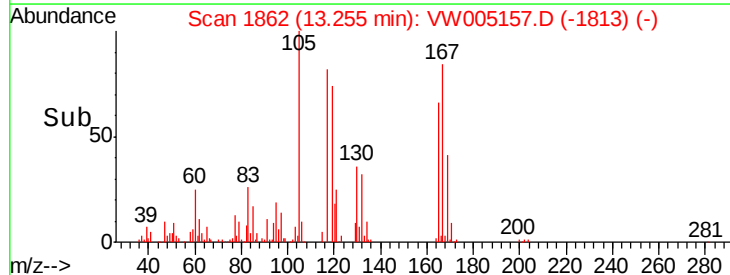
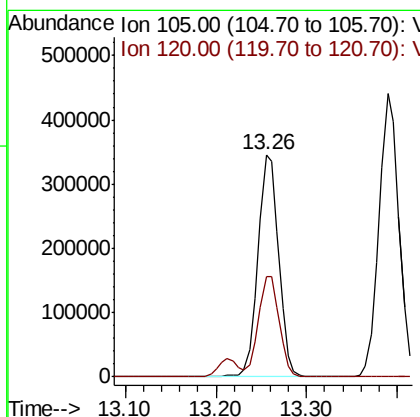
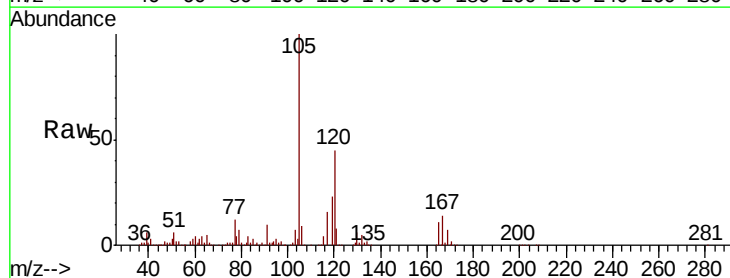
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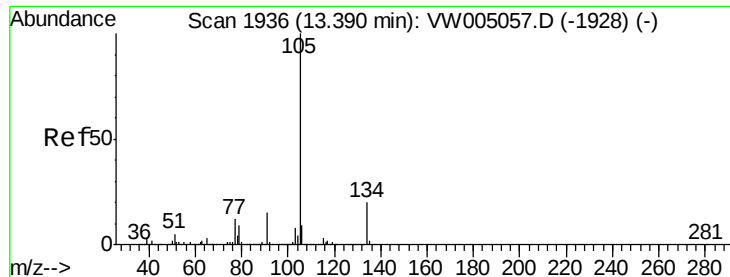
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 21.13 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.55 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion:105 Resp: 669349

Ion Ratio Lower Upper

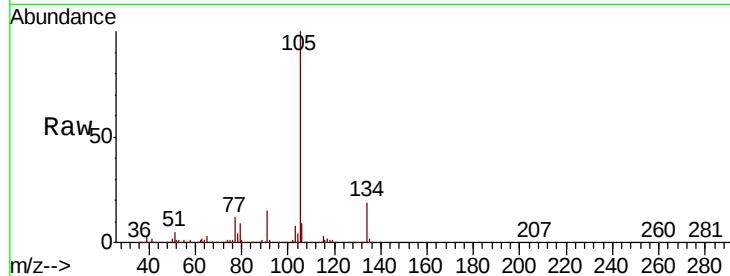
105 100

134 19.8 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

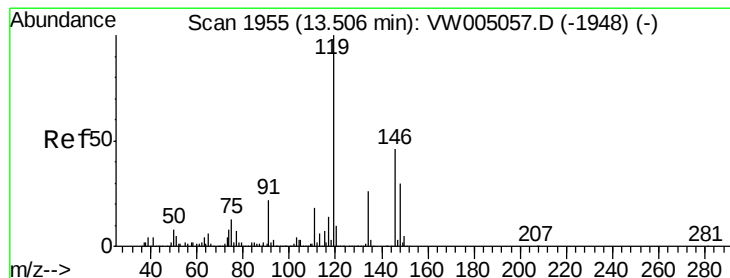
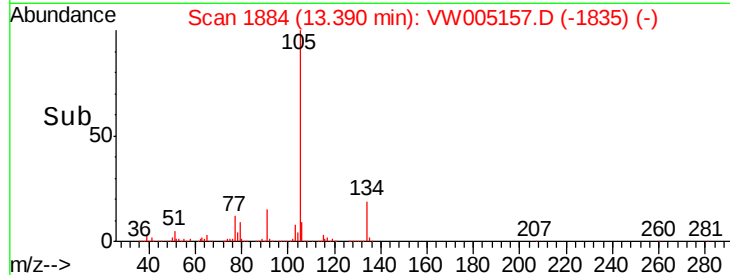
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.42 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

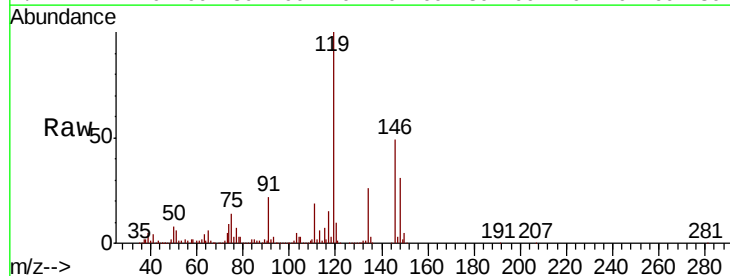
Tgt Ion:119 Resp: 588968

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

400000

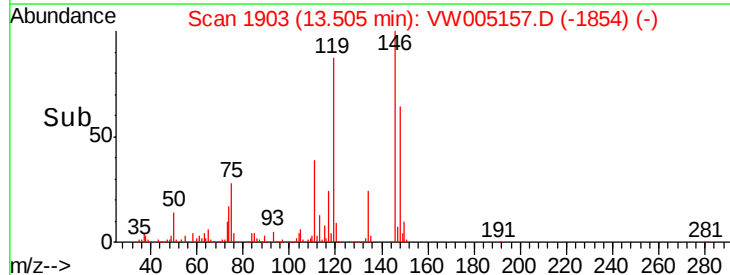
300000

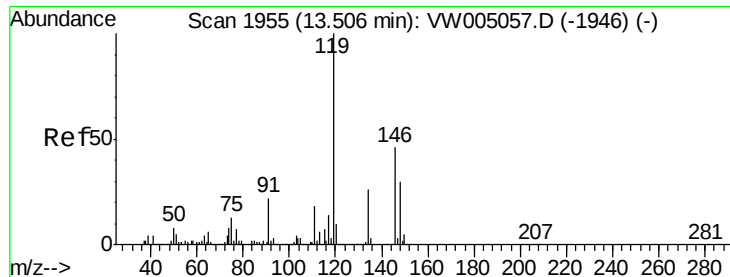
200000

100000

0

Time-->





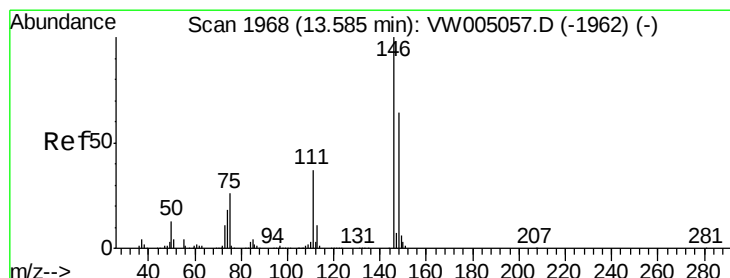
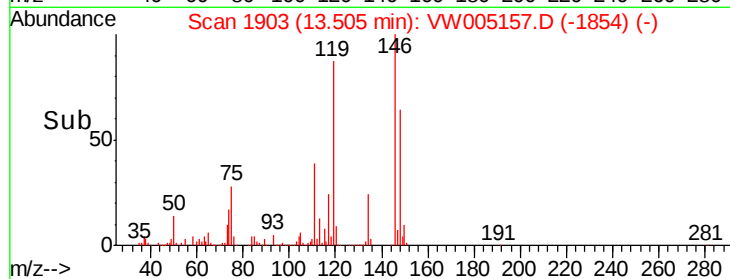
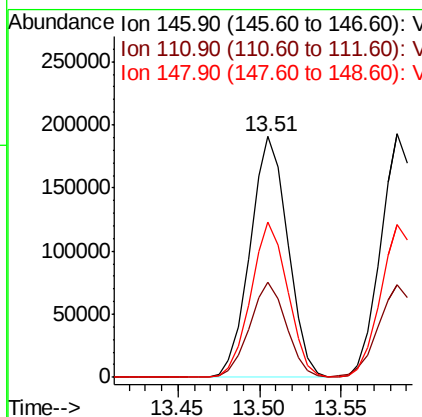
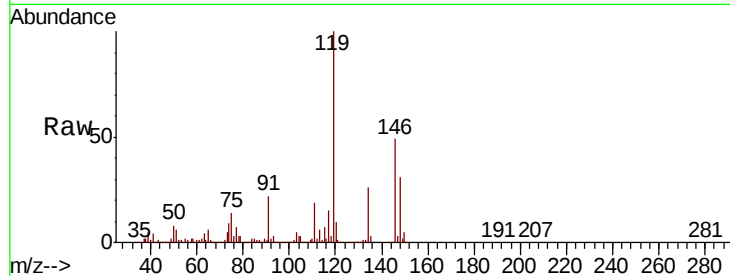
#87
 1,3-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	306722		
111	38.5	19.2	57.6	
148	63.0	31.9	95.7	

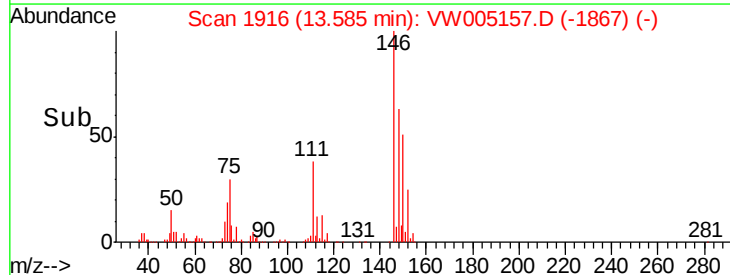
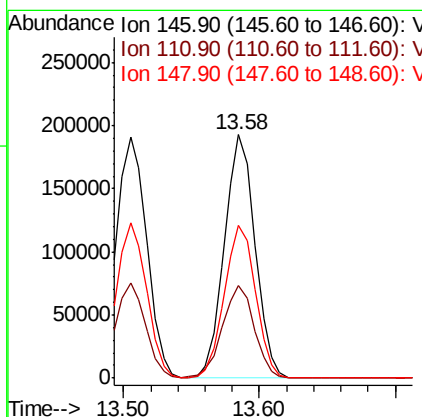
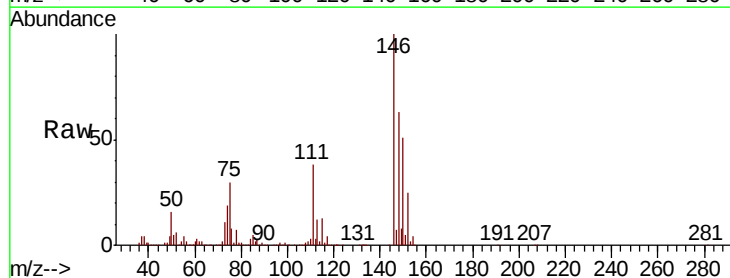
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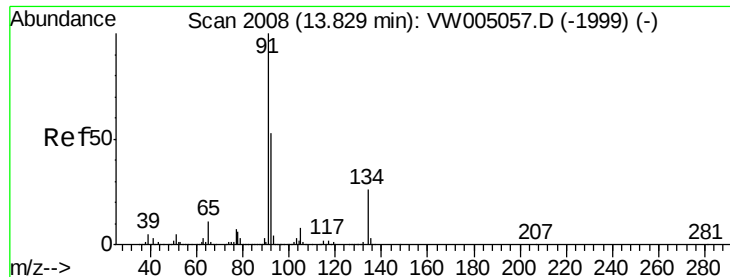
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#88
 1,4-Dichlorobenzene
 Concen: 20.56 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302146		
111	39.4	18.6	56.0	
148	64.1	32.0	96.0	





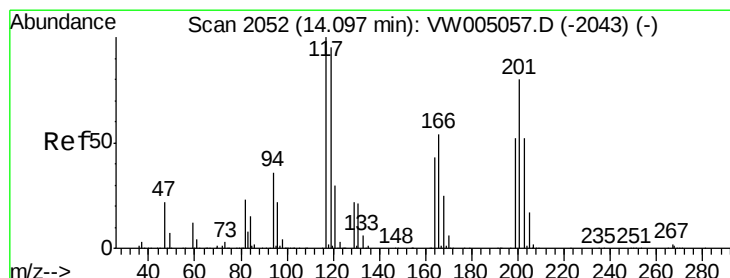
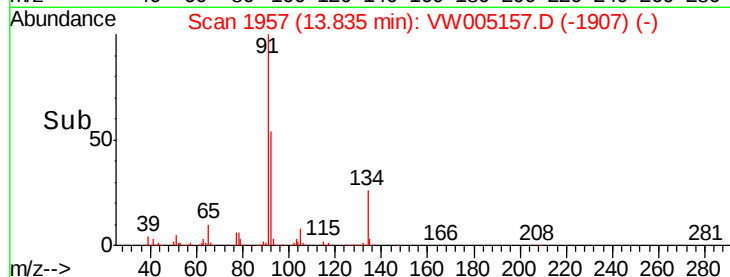
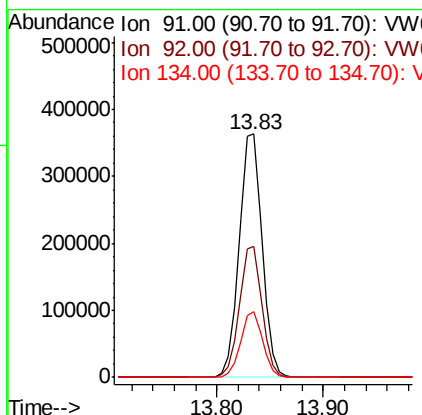
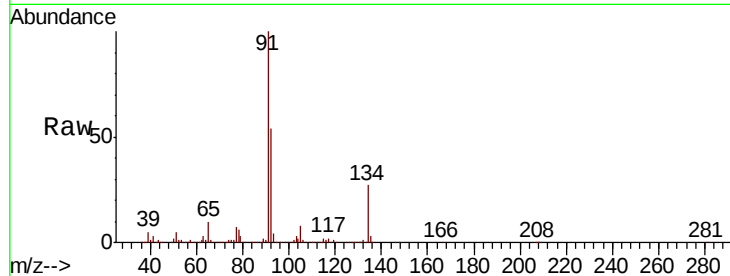
#89
n-Butylbenzene
Concen: 21.57 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	26.0	13.5	40.4

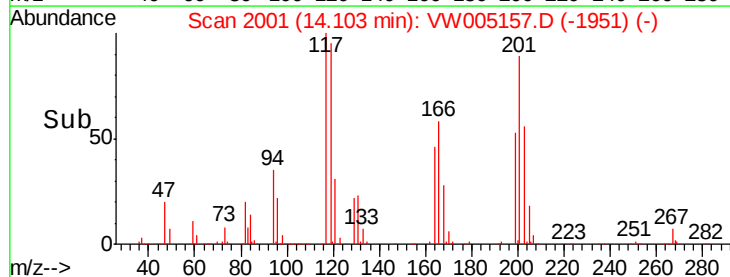
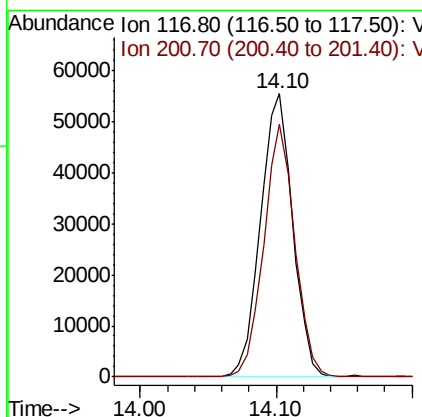
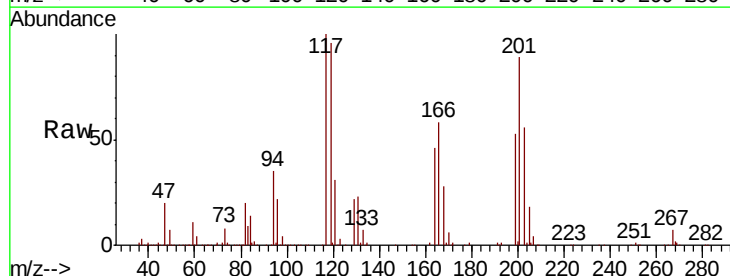
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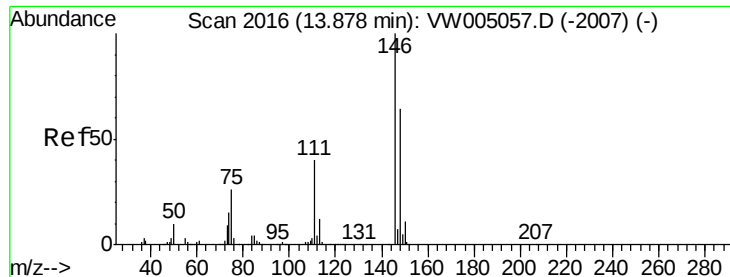
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#90
Hexachloroethane
Concen: 20.21 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	44.6	133.8





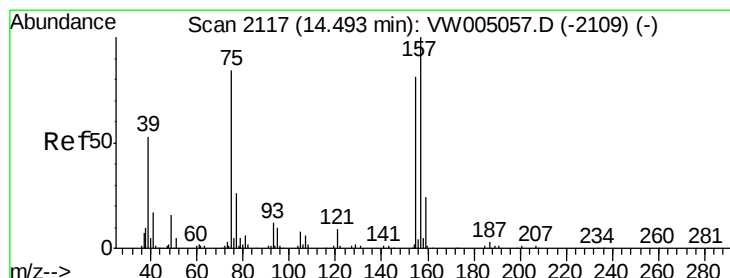
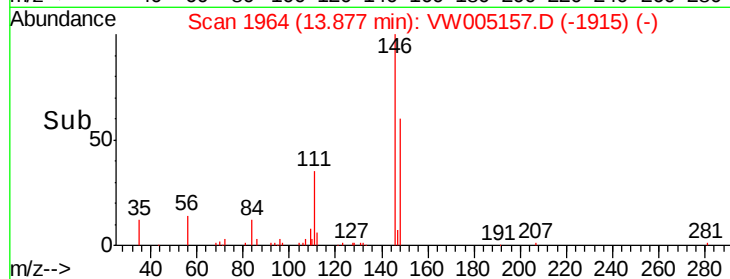
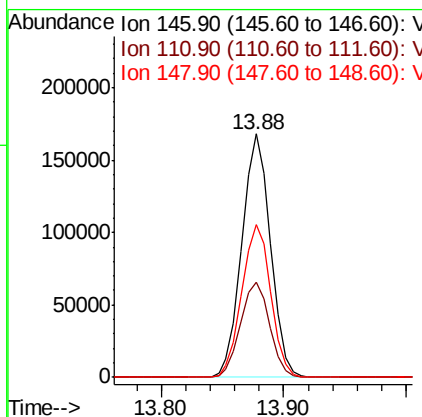
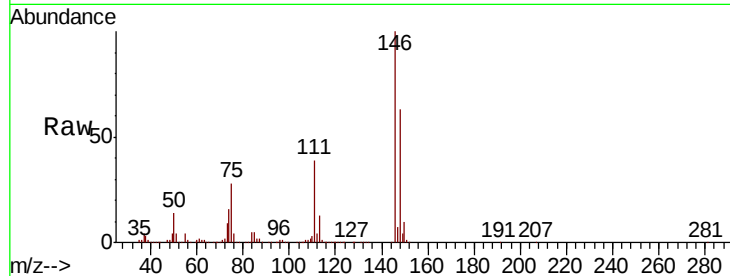
#91
 1,2-Dichlorobenzene
 Concen: 21.05 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion:	146	Resp:	271843
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.9	59.7
148	63.7	31.9	95.9

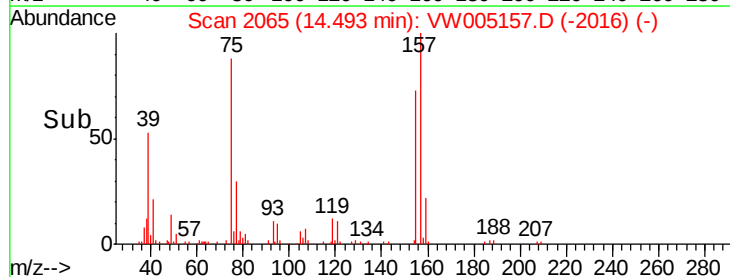
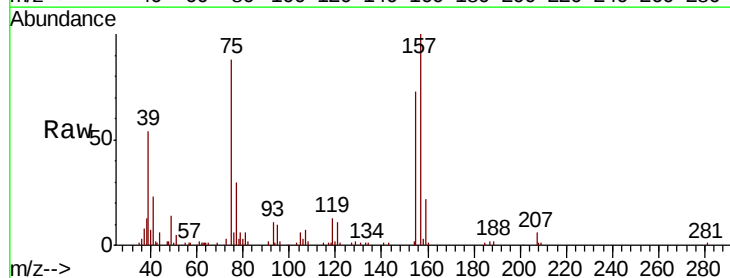
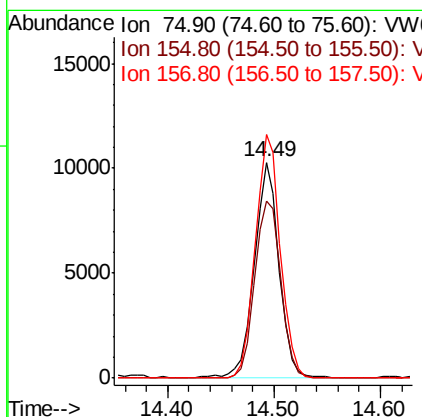
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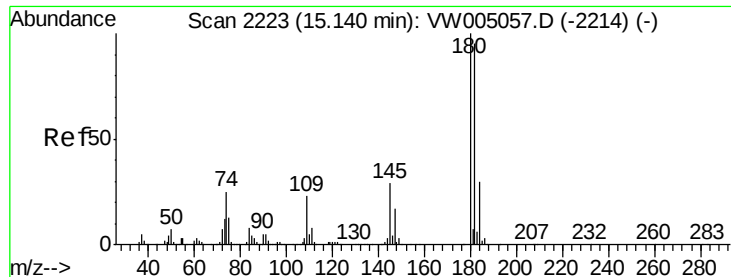
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.12 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion:	75	Resp:	16793
Ion Ratio	Lower	Upper	
75	100		
155	86.2	46.0	137.8
157	113.3	58.6	175.7





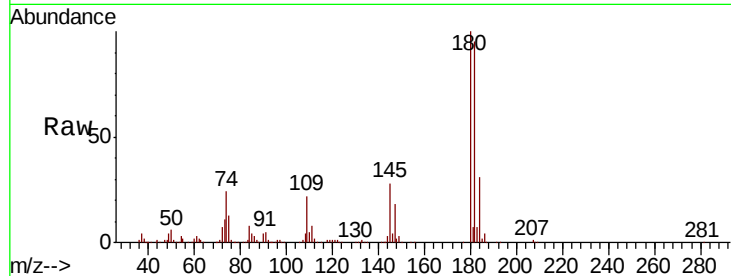
#93
 1,2,4-Trichlorobenzene
 Concen: 21.43 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185568		
182	95.8	47.5	142.6	
145	29.0	14.4	43.2	

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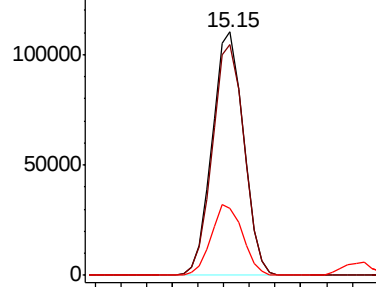


Abundance

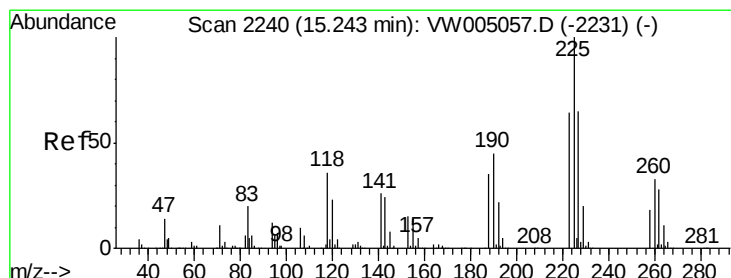
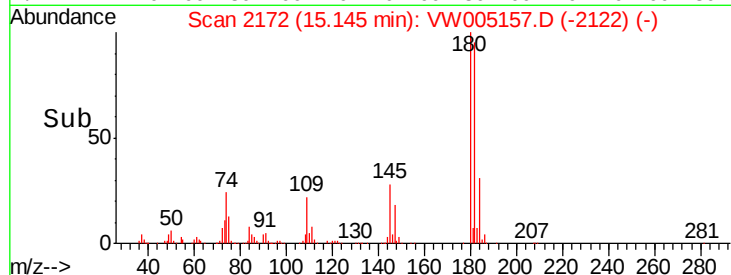
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

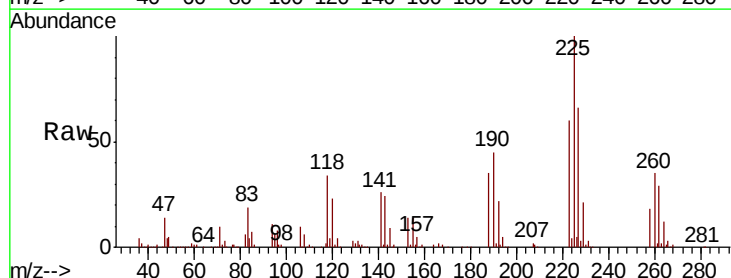


Time-->



#94
 Hexachlorobutadiene
 Concen: 20.78 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111912		
223	62.1	31.4	94.3	
227	64.7	32.0	96.0	

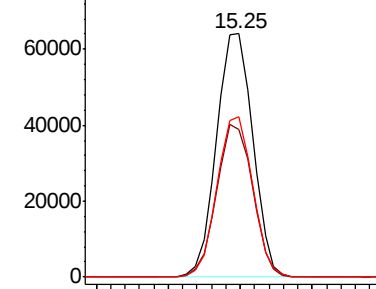


Abundance

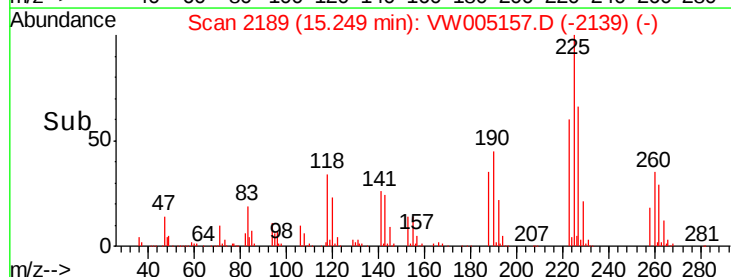
Ion 224.70 (224.40 to 225.40): V

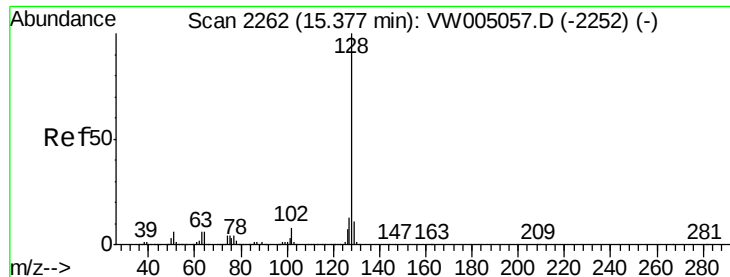
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





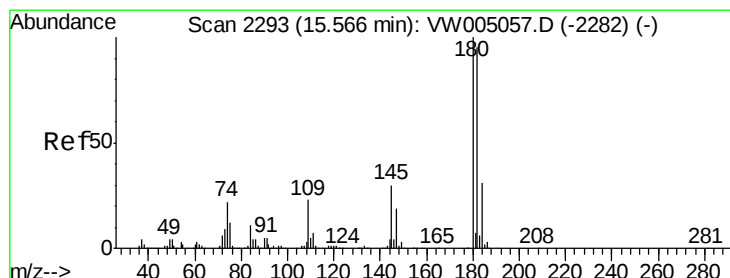
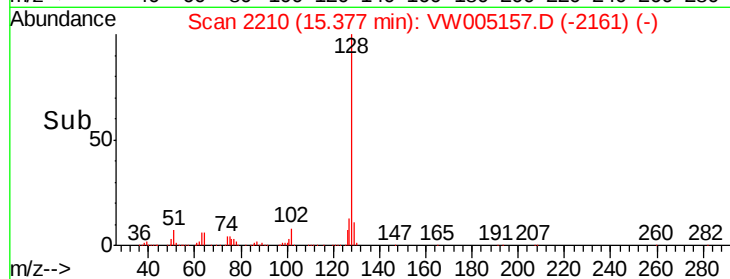
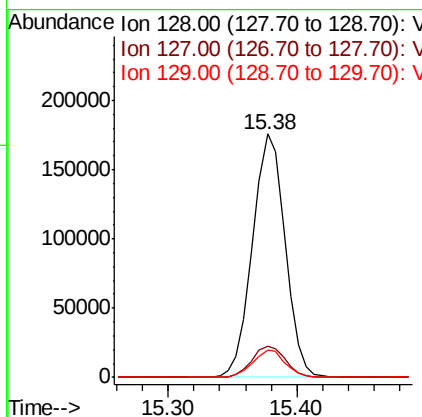
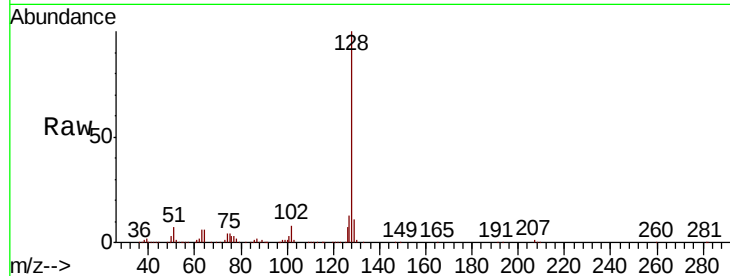
#95
Naphthalene
Concen: 22.82 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	306387		
127	13.3	10.4	15.6	
129	11.1	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 22.04 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	163338		
182	94.3	47.4	142.3	
145	31.2	15.4	46.1	

