

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005179.D
 Acq On : 06 Sep 2018 21:49
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
 APPROVED

apatel
 9/7/2018 12:29:19 PM

Quant Time: Sep 07 01:30:32 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	437038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	654677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	218709	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.89	113	206694	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.33	98	939273	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.62	95	351043	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	81828	23.23	ug/l	99
3) Chloromethane	2.21	50	121143	23.70	ug/l	100
4) Vinyl Chloride	2.35	62	109778	22.09	ug/l	99
5) Bromomethane	2.75	94	87967	26.83	ug/l	94
6) Chloroethane	2.91	64	63869	20.65	ug/l	98
7) Trichlorofluoromethane	3.26	101	123152	22.03	ug/l	99
8) Diethyl Ether	3.69	74	48273	23.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82731	21.54	ug/l	99
10) Methyl Iodide	4.28	142	29685	8.60	ug/l	98
11) Tert butyl alcohol	5.19	59	36951	183.81	ug/l	99
12) 1,1-Dichloroethene	4.04	96	75961	21.49	ug/l	99
13) Acrolein	3.90	56	27037	114.98	ug/l	97
14) Allyl chloride	4.68	41	121254	21.95	ug/l	98
15) Acrylonitrile	5.38	53	114293	133.96	ug/l	100
16) Acetone	4.13	43	100300	138.05	ug/l	96
17) Carbon Disulfide	4.38	76	268524	21.81	ug/l	98
18) Methyl Acetate	4.68	43	57212	26.77	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	218167	25.42	ug/l	98
20) Methylene Chloride	4.92	84	111570	20.43	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	91490	21.25	ug/l	97
22) Diisopropyl ether	6.32	45	279334	24.03	ug/l	98
23) Vinyl Acetate	6.26	43	796965	130.52	ug/l	99
24) 1,1-Dichloroethane	6.23	63	160218	22.05	ug/l	99
25) 2-Butanone	7.18	43	175423	139.20	ug/l	97
26) 2,2-Dichloropropane	7.17	77	119904	20.08	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	101562	21.56	ug/l	98
28) Bromochloromethane	7.52	49	68419	23.39	ug/l	97
29) Tetrahydrofuran	7.54	42	92378	143.46	ug/l	98
30) Chloroform	7.68	83	164749	22.22	ug/l	96
31) Cyclohexane	7.96	56	156464	21.99	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	136467	21.13	ug/l	100
36) 1,1-Dichloropropene	8.09	75	137803	22.01	ug/l	98
37) Ethyl Acetate	7.26	43	67279	28.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	120579	20.26	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Sep 07 01:30:32 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	154789	20.45	ug/l	95
40) Benzene	8.33	78	409311	21.36	ug/l	98
41) Methacrylonitrile	7.49	41	32111	23.67	ug/l	90
42) 1,2-Dichloroethane	8.41	62	104714	22.33	ug/l	100
43) Isopropyl Acetate	8.43	43	112680	26.45	ug/l	99
44) Trichloroethene	9.10	130	108164	20.92	ug/l	97
45) 1,2-Dichloropropane	9.38	63	103715	22.15	ug/l	97
46) Dibromomethane	9.46	93	50825	22.70	ug/l	97
47) Bromodichloromethane	9.65	83	123139	21.85	ug/l	100
48) Methyl methacrylate	9.44	41	51647	25.18	ug/l	98
49) 1,4-Dioxane	9.46	88	18372	507.47	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	394266	138.09	ug/l	99
52) Toluene	10.40	92	268562	20.68	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	124983	22.56	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	151639	22.51	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	82404	23.77	ug/l	99
56) Ethyl methacrylate	10.65	69	95328	24.11	ug/l	97
57) 1,3-Dichloropropane	10.94	76	136022	23.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	252376	134.69	ug/l	99
59) 2-Hexanone	10.98	43	268698	139.14	ug/l	99
60) Dibromochloromethane	11.13	129	89534	22.85	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74219	23.72	ug/l	99
64) Tetrachloroethene	10.87	164	101908	19.84	ug/l	98
65) Chlorobenzene	11.66	112	302148	20.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	94459	20.97	ug/l	98
67) Ethyl Benzene	11.74	91	499427	20.04	ug/l	100
68) m/p-Xylenes	11.85	106	409963	41.09	ug/l	99
69) o-Xylene	12.17	106	190156	20.62	ug/l	99
70) Styrene	12.19	104	320689	21.05	ug/l	100
71) Bromoform	12.35	173	54238	22.72	ug/l #	99
73) Isopropylbenzene	12.47	105	503778	19.49	ug/l	100
74) N-amyl acetate	12.28	43	109684	24.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94158	23.93	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65515m	23.81	ug/l	
77) Bromobenzene	12.76	156	126779	19.91	ug/l	96
78) n-propylbenzene	12.81	91	626476	20.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	362170	19.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	443929	19.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26208	22.92	ug/l	98
82) 4-Chlorotoluene	12.99	91	386767	20.12	ug/l	99
83) tert-Butylbenzene	13.21	119	369520	19.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	460616	20.23	ug/l	100
85) sec-Butylbenzene	13.39	105	542695	19.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	484320	19.94	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	259998	19.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261130	20.12	ug/l	98
89) n-Butylbenzene	13.83	91	448796	19.94	ug/l	99
90) Hexachloroethane	14.10	117	78742	19.52	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	235182	20.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14636	23.80	ug/l	99

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0906SBSD01

Manual Integrations
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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	160636	21.01	ug/l	99
94) Hexachlorobutadiene	15.25	225	94932	19.96	ug/l	99
95) Naphthalene	15.38	128	282809	23.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146087	22.33	ug/l	100

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

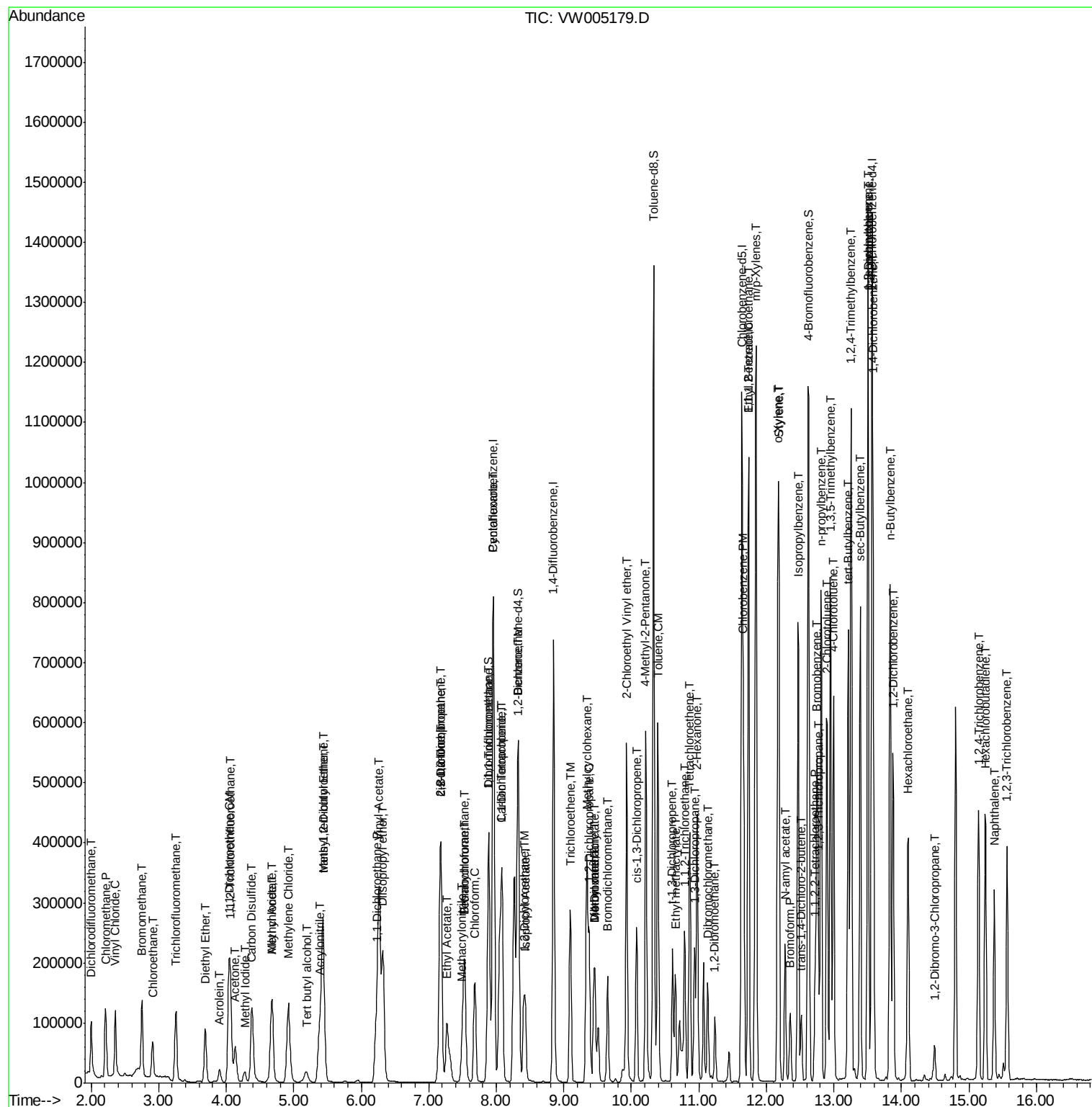
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005179.D
Acq On : 06 Sep 2018 21:49
Operator : SY/AP
Sample : VW0906SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

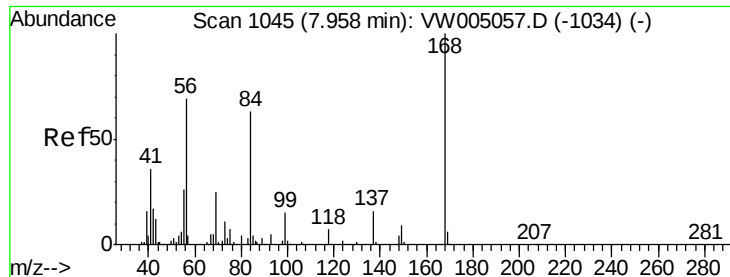
Instrument :
MSVOA_W
Client Sample Id :
VW0906SBSD01

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#1

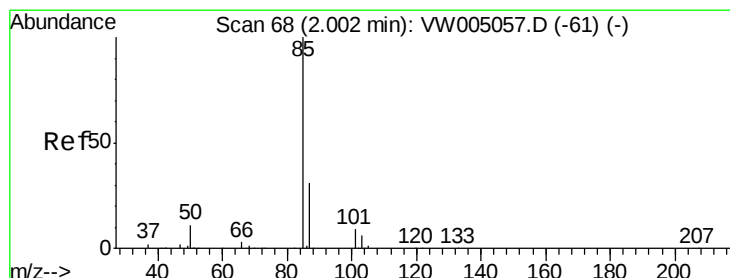
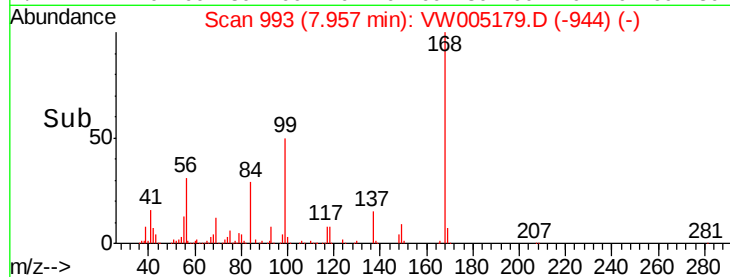
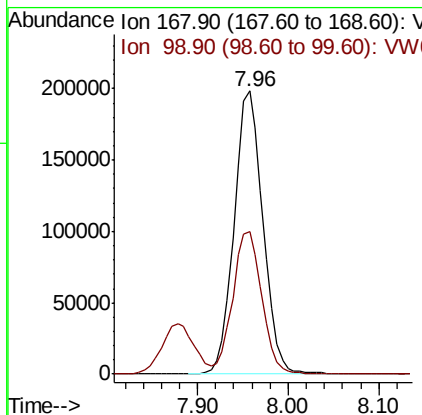
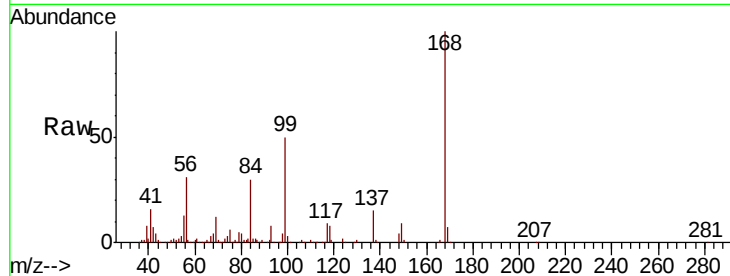
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.4	59.0

Manual Integrations
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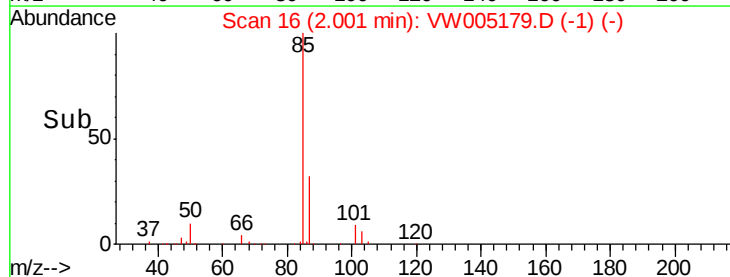
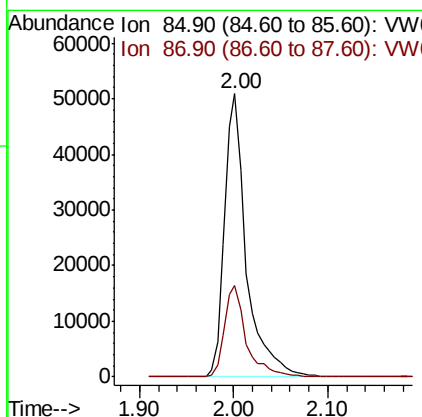
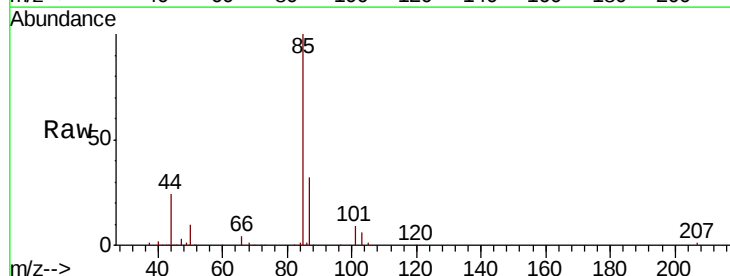
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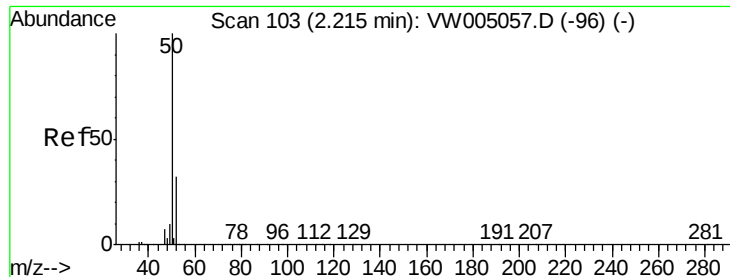


#2

Dichlorodifluoromethane
 Concen: 23.23 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.8	47.3





#3

Chloromethane

Concen: 23.70 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 50 Resp: 121143

Ion Ratio Lower Upper

50 100

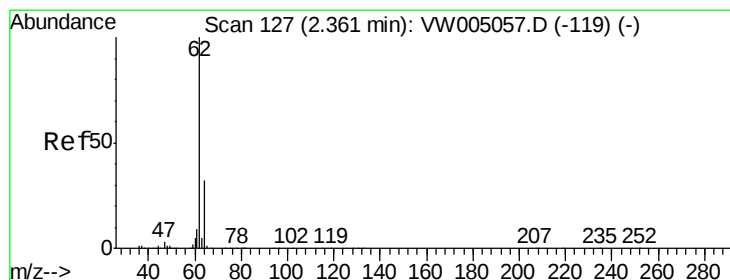
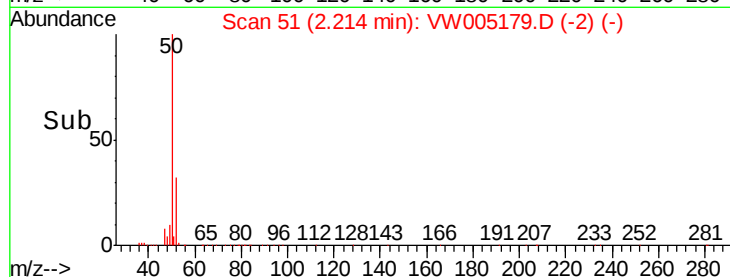
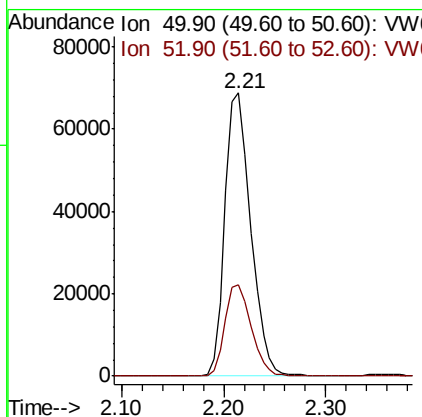
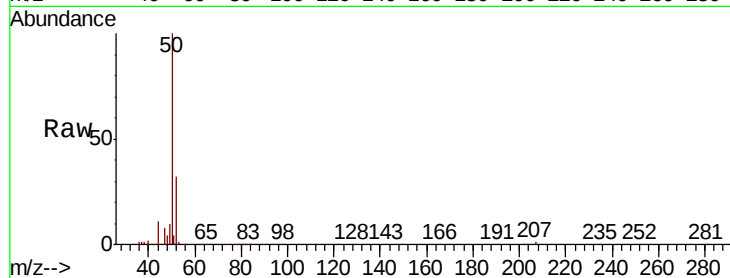
52 32.1 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.09 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005179.D

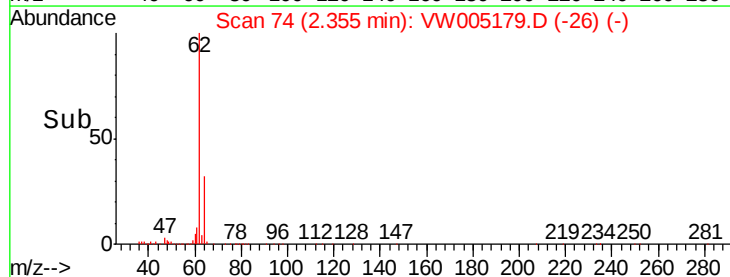
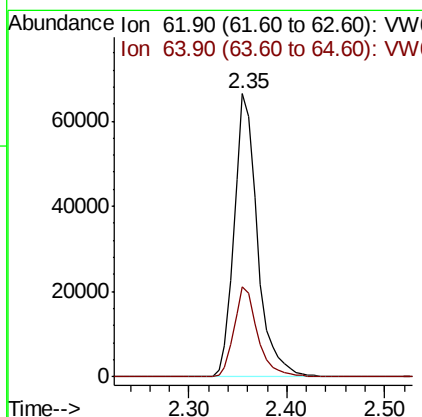
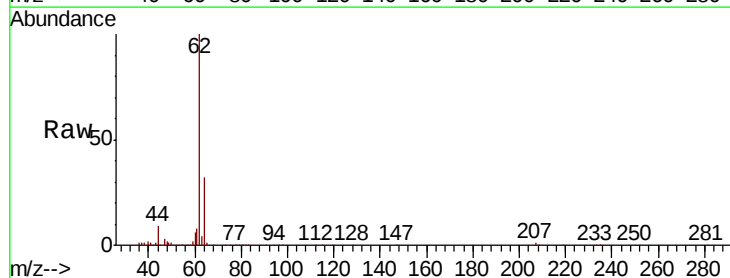
Acq: 06 Sep 2018 21:49

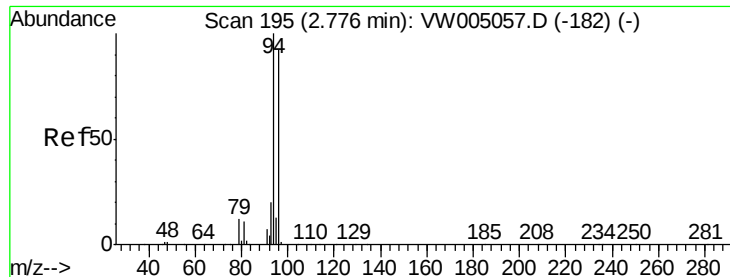
Tgt Ion: 62 Resp: 109778

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 26.83 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.03 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 94 Resp: 87967

Ion Ratio Lower Upper

94 100

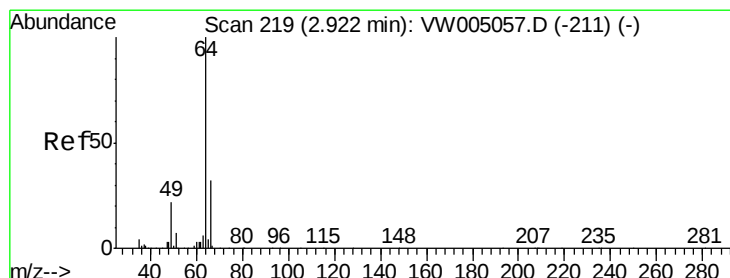
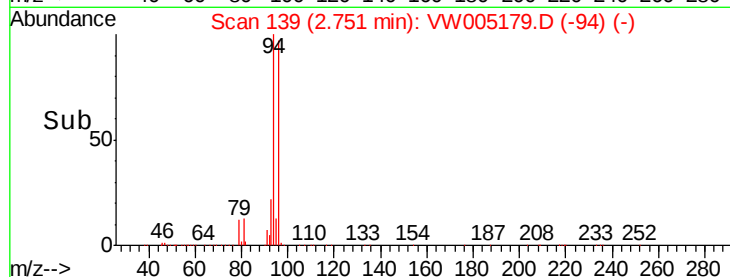
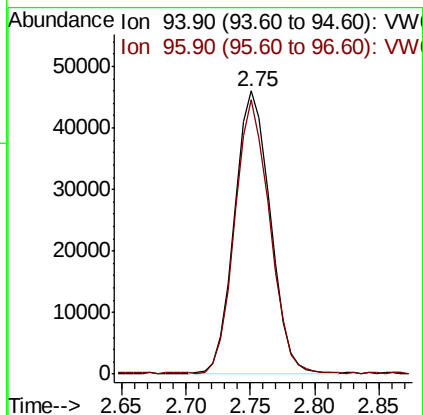
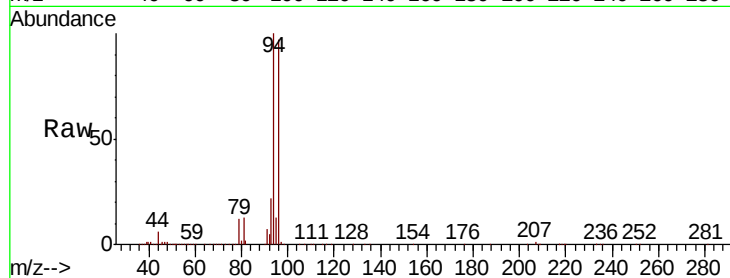
96 96.8 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 20.65 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005179.D

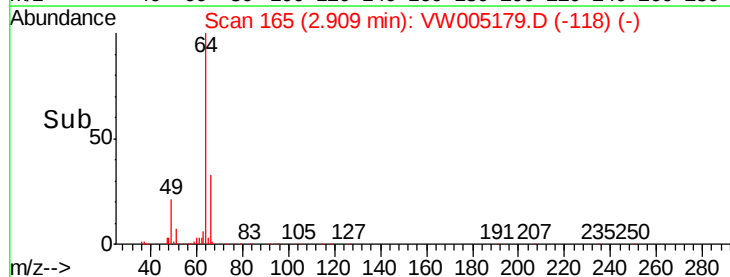
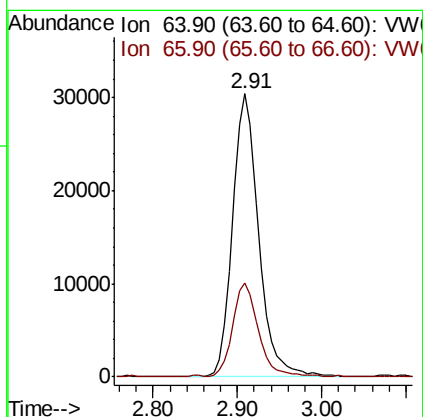
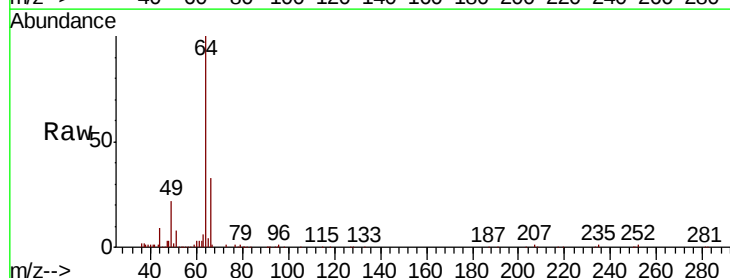
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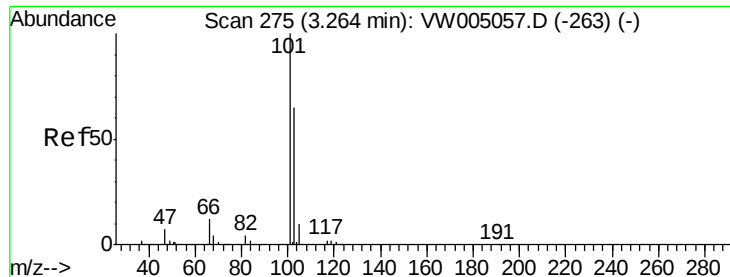
Tgt Ion: 64 Resp: 63869

Ion Ratio Lower Upper

64 100

66 33.1 25.7 38.5





#7

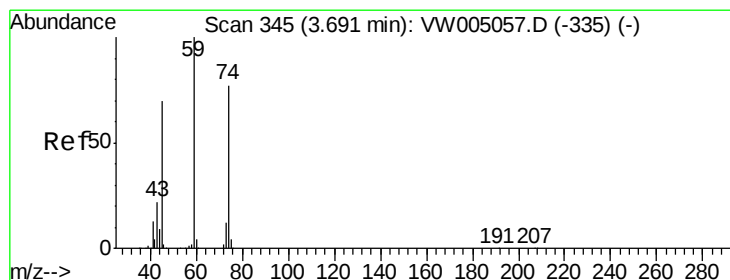
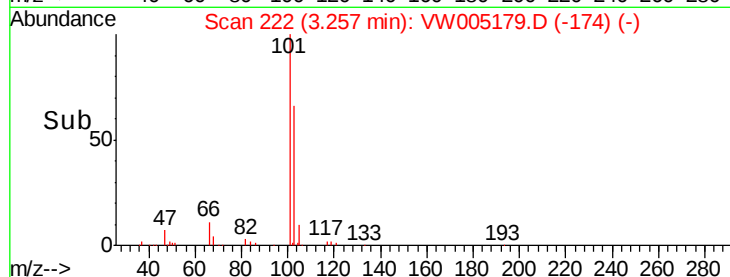
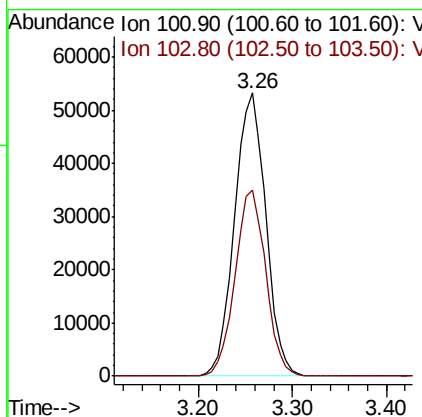
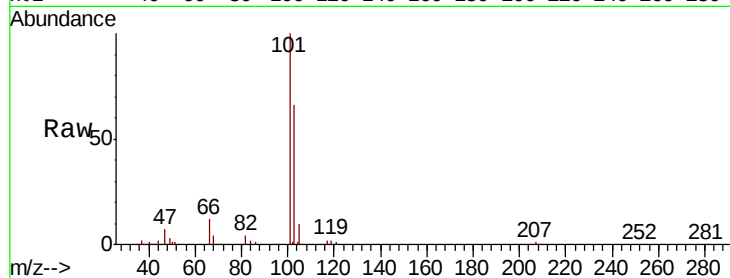
Trichlorofluoromethane
 Concen: 22.03 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.9	77.9

Manual Integrations
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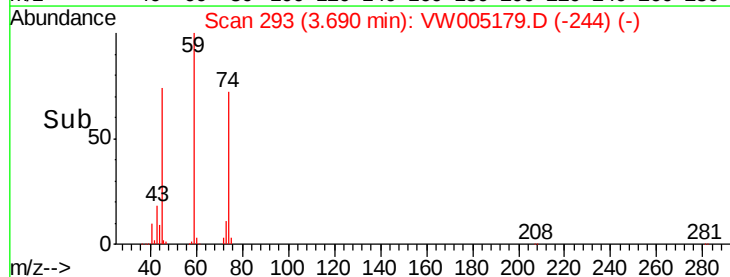
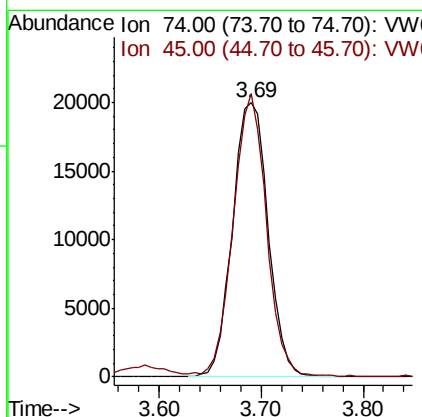
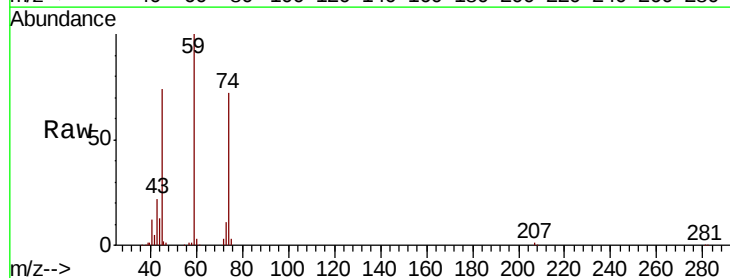
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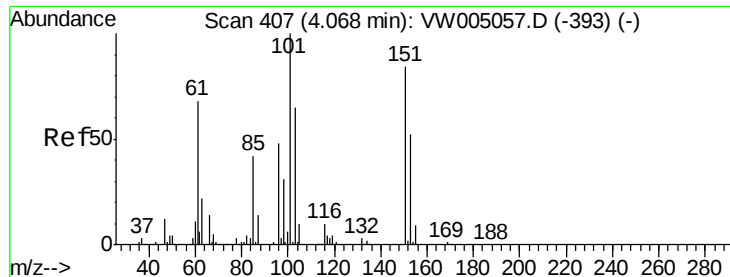


#8

Diethyl Ether
 Concen: 23.86 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.54 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005179.D

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Instrument :

MSVOA_W

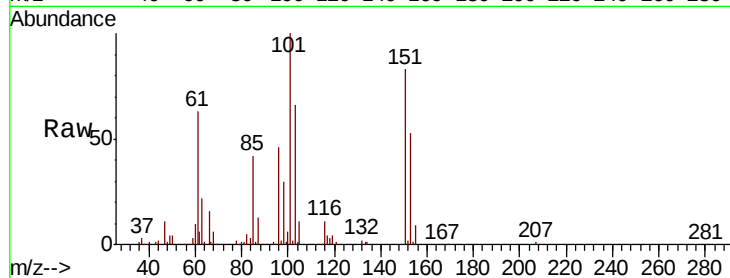
ClientSampled :

VW0906SBSD01

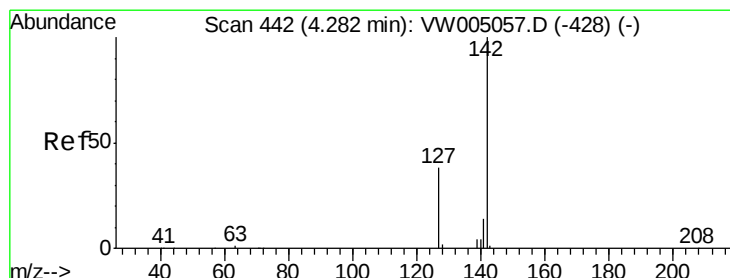
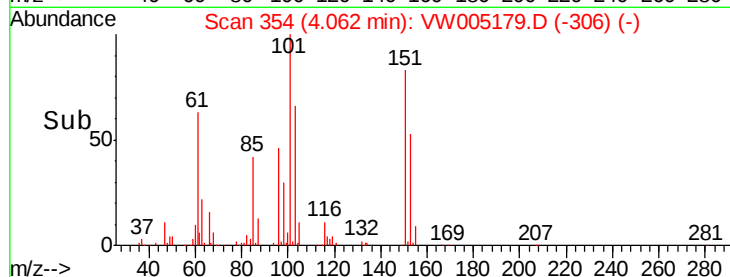
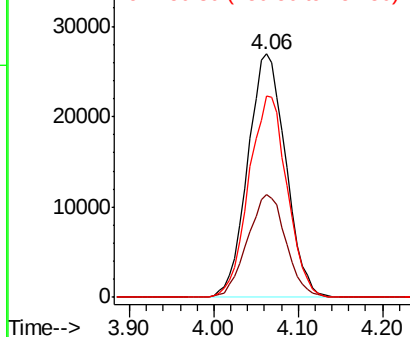
Tot Ion:	101	Resp:	82731
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.0	49.6
151	83.3	67.0	100.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.60 ug/l

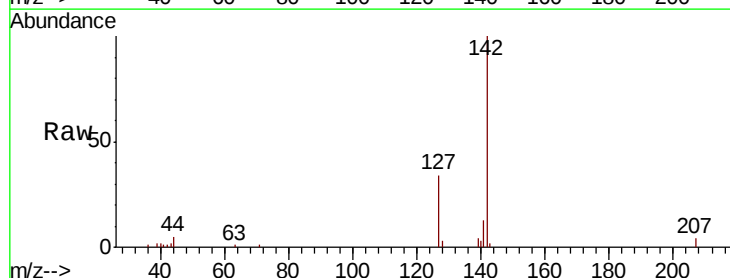
RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

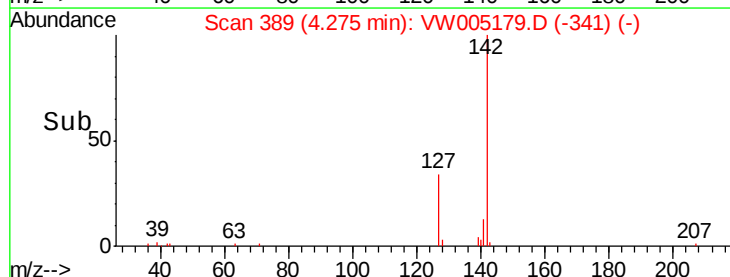
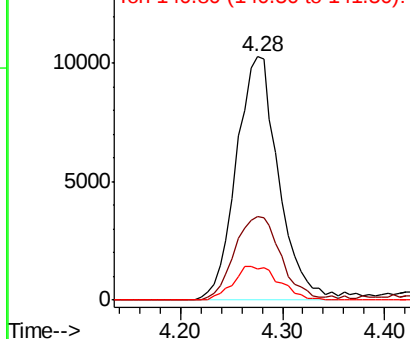
Lab File: VW005179.D

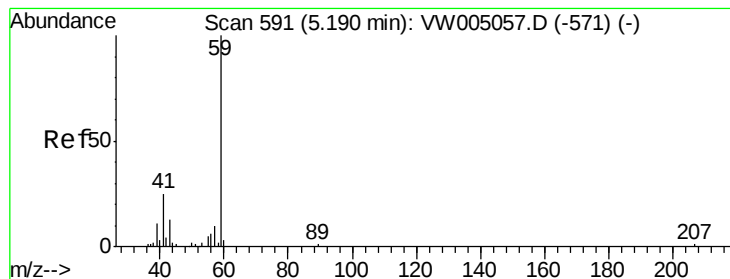
Acq: 06 Sep 2018 21:49

Tgt Ion:	142	Resp:	29685
Ion Ratio	Lower	Upper	
142	100		
127	37.4	30.8	46.2
141	15.0	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

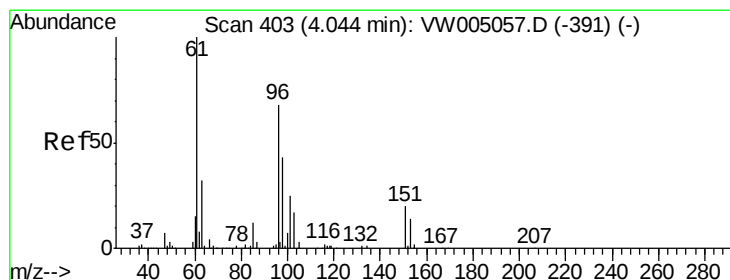
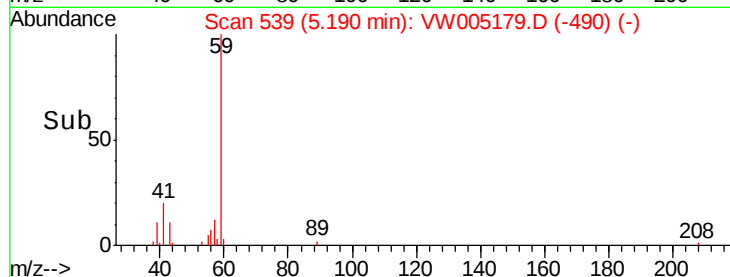
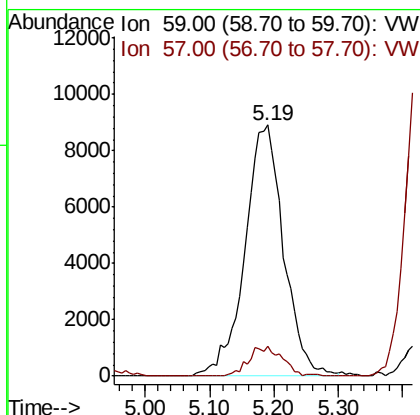
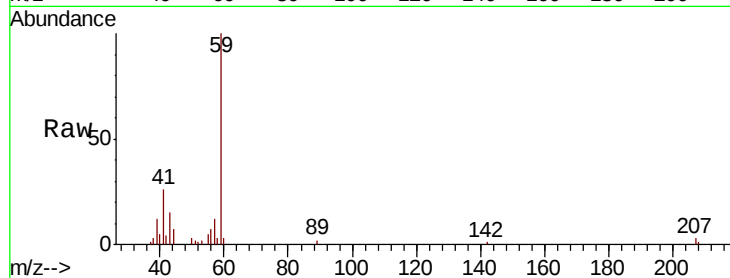
Tert butyl alcohol
 Concen: 183.81 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

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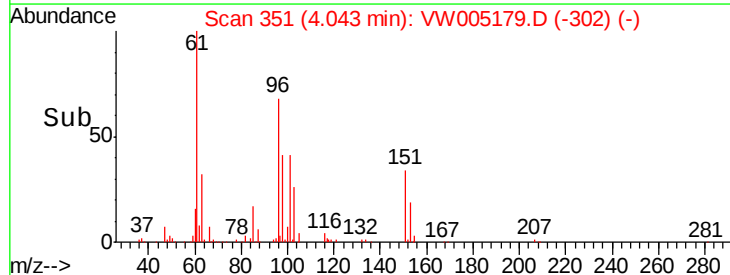
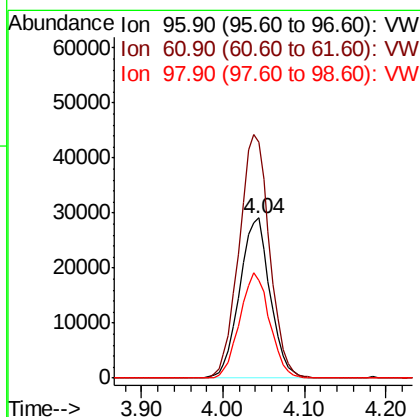
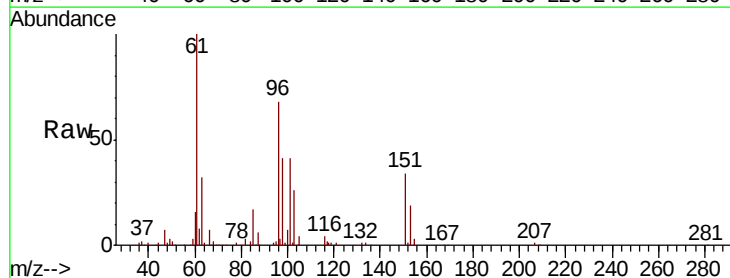
apatel
 9/7/2018 12:29:19 PM

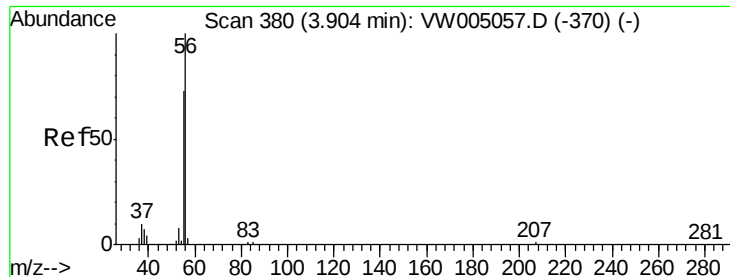


#12

1,1-Dichloroethene
 Concen: 21.49 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	117.4	176.0
98	61.0	51.0	76.4





#13

Acrolein

Concen: 114.98 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 56 Resp: 27037

Ion Ratio Lower Upper

56 100

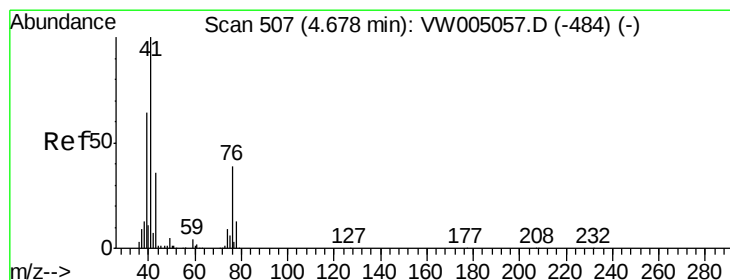
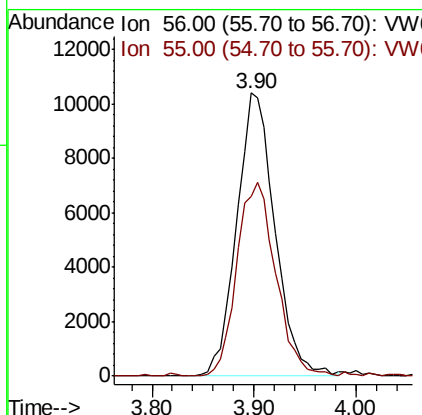
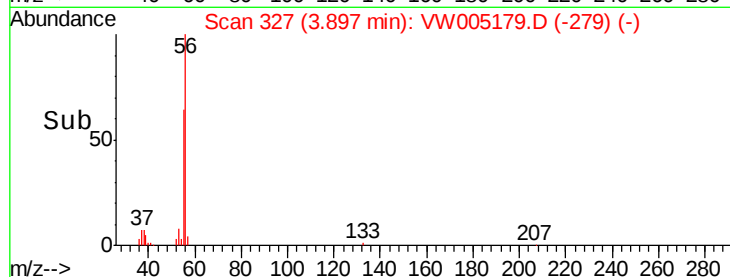
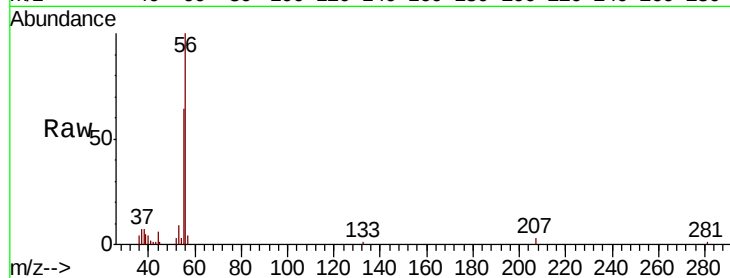
55 69.8 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.95 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

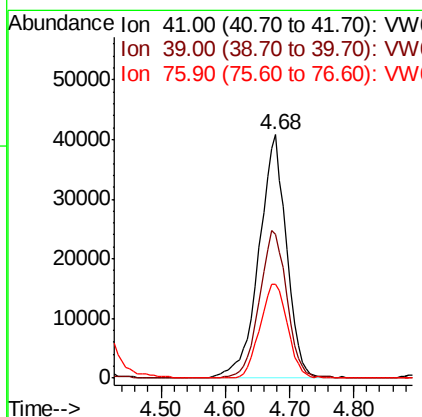
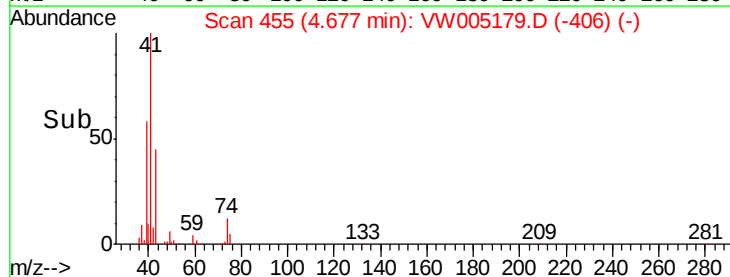
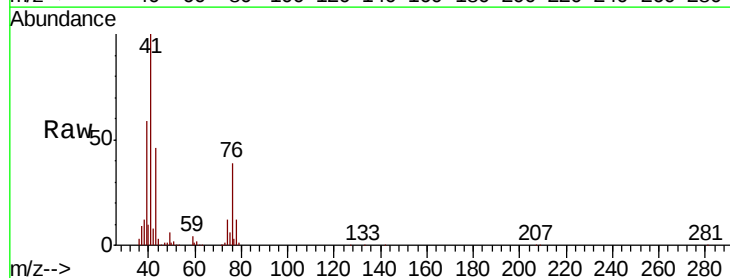
Tgt Ion: 41 Resp: 121254

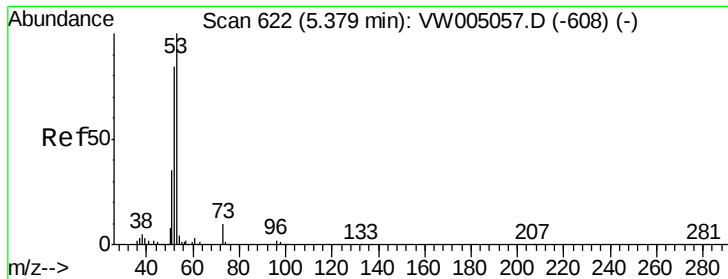
Ion Ratio Lower Upper

41 100

39 60.5 49.4 74.2

76 38.5 31.8 47.6





#15

Acrylonitrile

Concen: 133.96 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

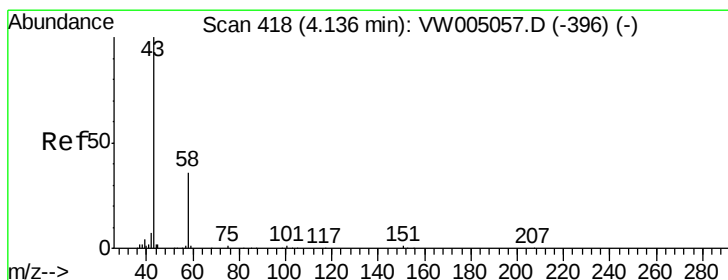
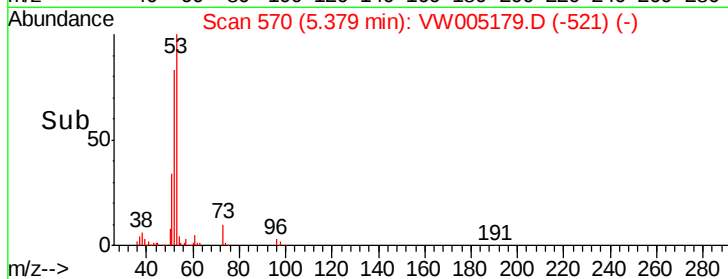
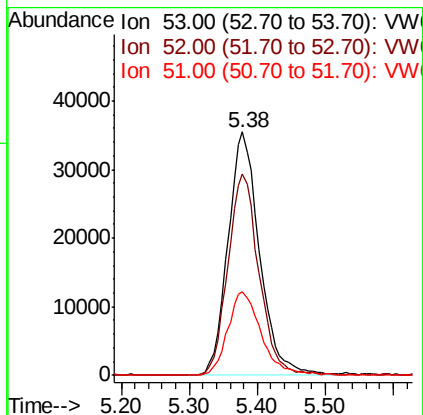
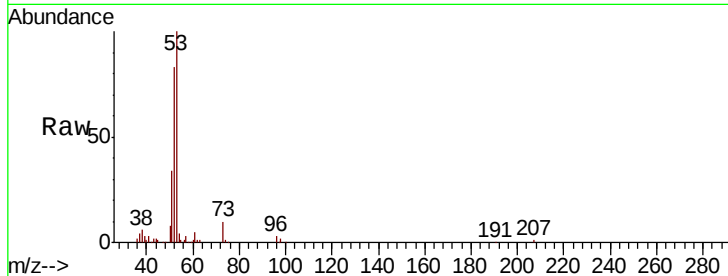
ClientSampleId :

VW0906SBS01

Tot Ion:	53	Resp:	114293
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.7	98.5
51	36.3	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 138.05 ug/l

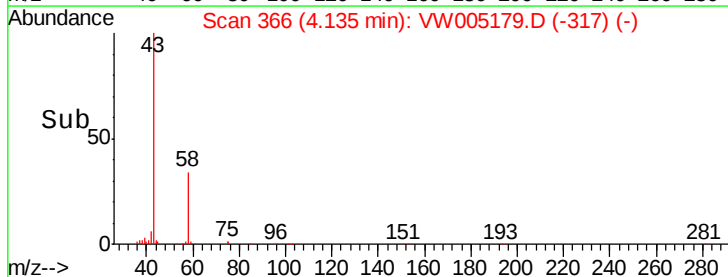
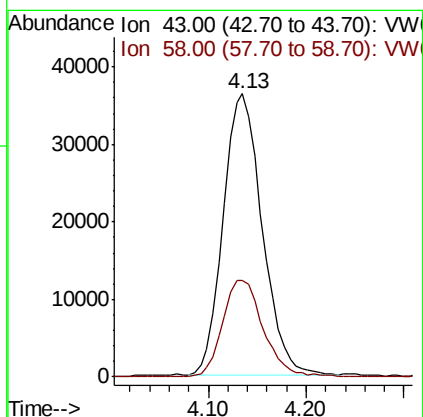
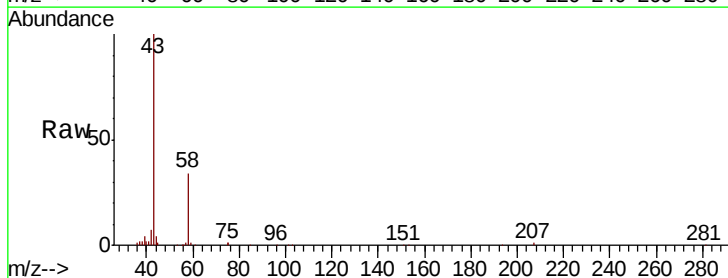
RT: 4.13 min Scan# 366

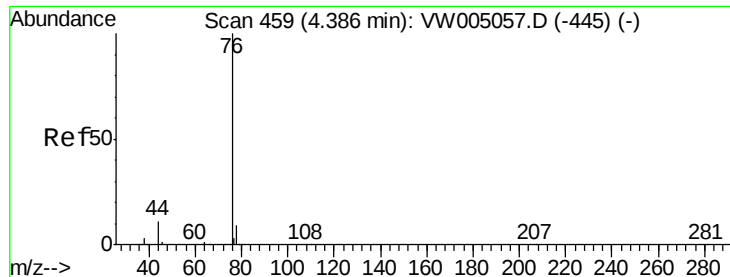
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	43	Resp:	100300
Ion Ratio	Lower	Upper	
43	100		
58	34.1	29.0	43.6





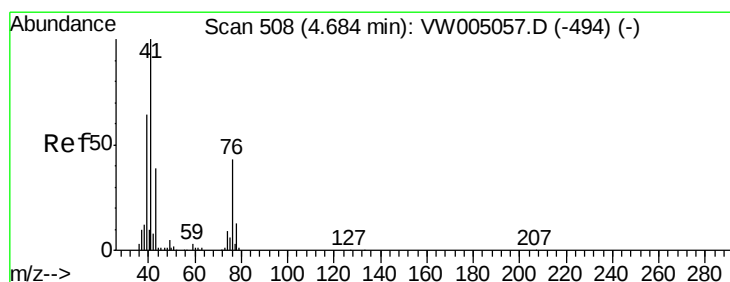
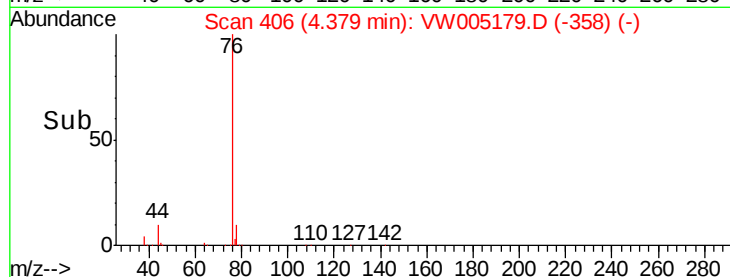
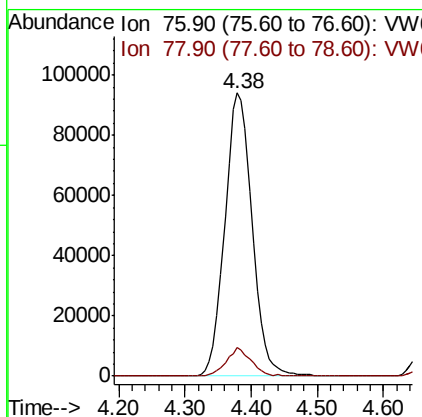
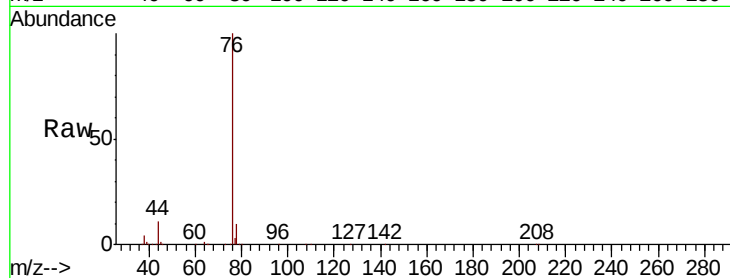
#17
Carbon Disulfide
Concen: 21.81 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

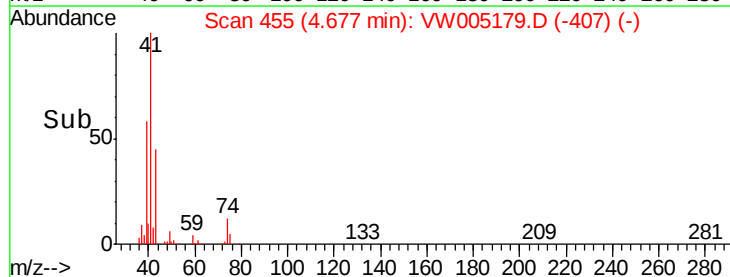
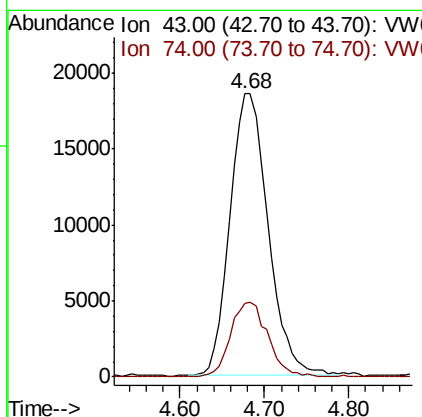
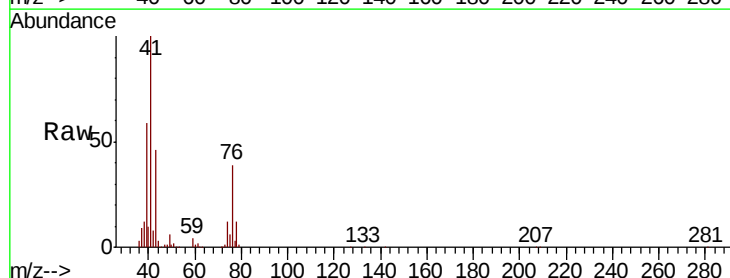
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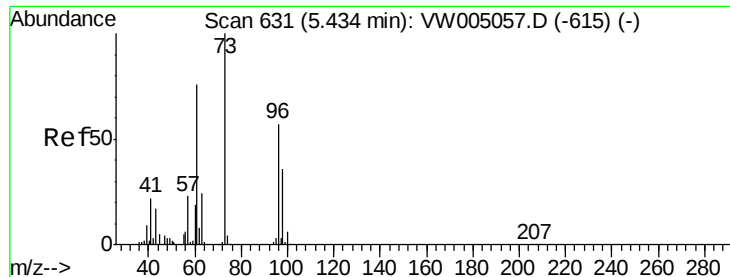
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#18
Methyl Acetate
Concen: 26.77 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.7	31.1





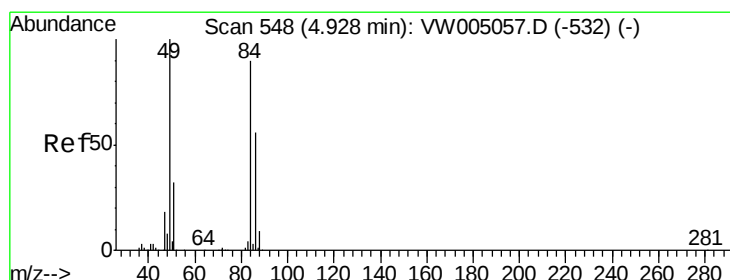
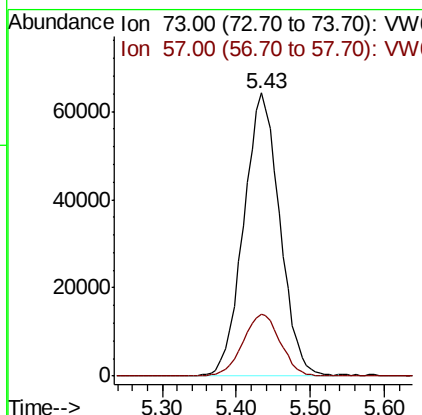
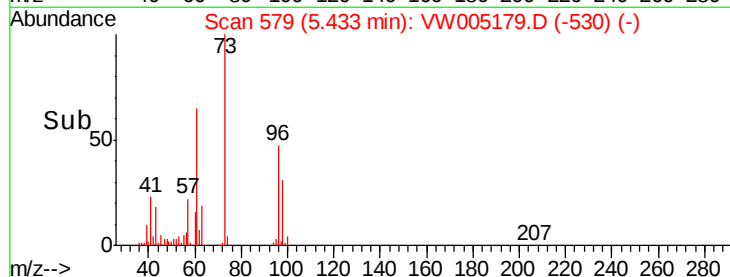
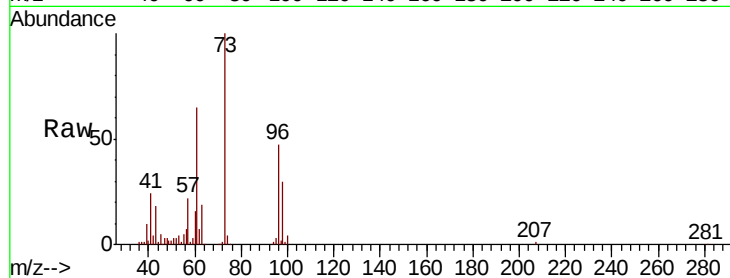
#19
Methvl tert-butvl Ether
Concen: 25.42 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD01

Tot Ion: 73 Resp: 218167
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

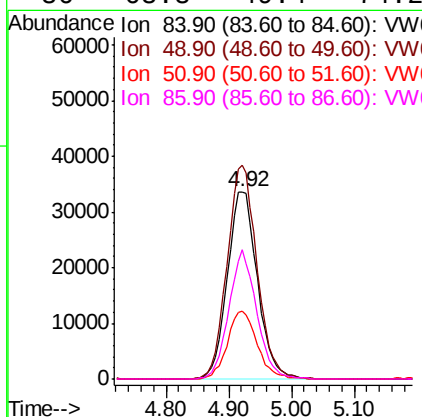
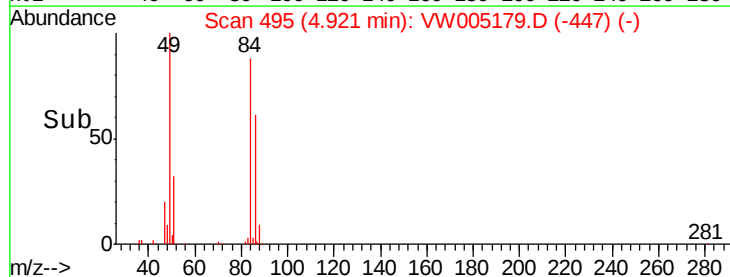
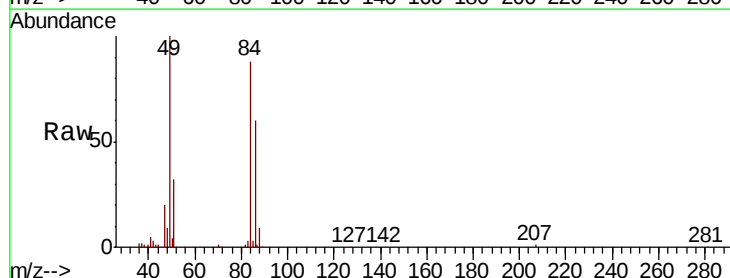
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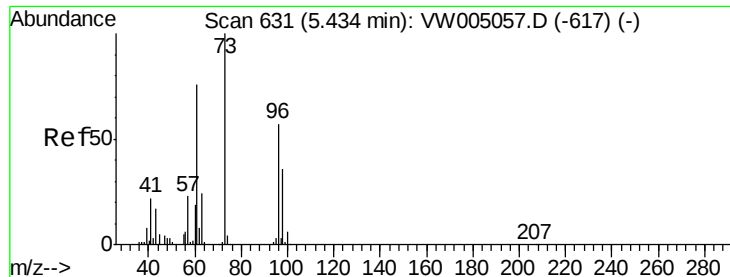
apatel
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#20
Methylene Chloride
Concen: 20.43 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 84 Resp: 111570
Ion Ratio Lower Upper
84 100
49 114.2 88.7 133.1
51 36.6 28.6 42.8
86 68.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.25 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

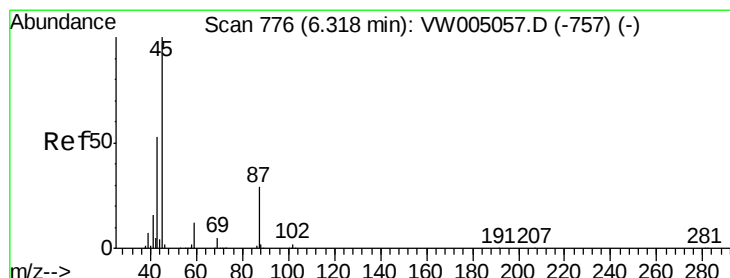
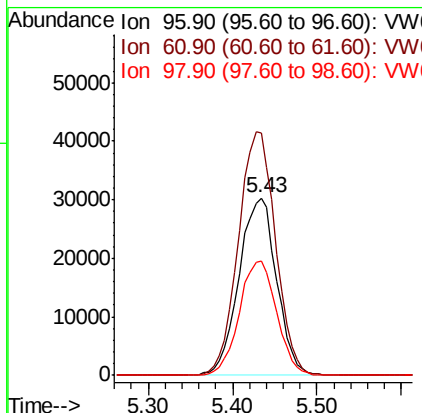
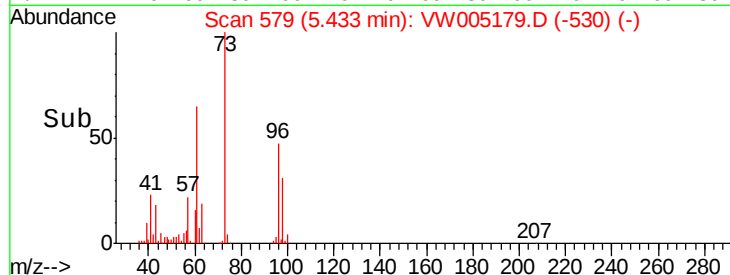
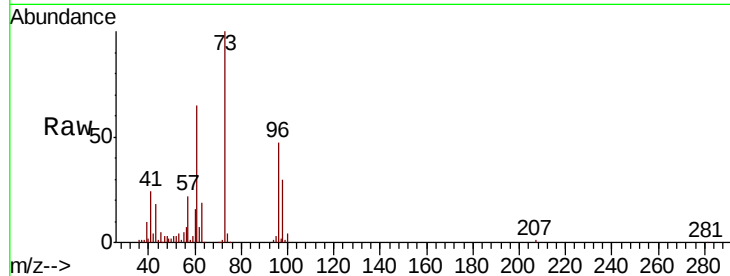
ClientSampleId :

VW0906SBS01

Tot Ion:	96	Resp:	91490
Ion Ratio	Lower	Upper	
96	100		
61	136.7	106.3	159.5
98	64.6	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 24.03 ug/l

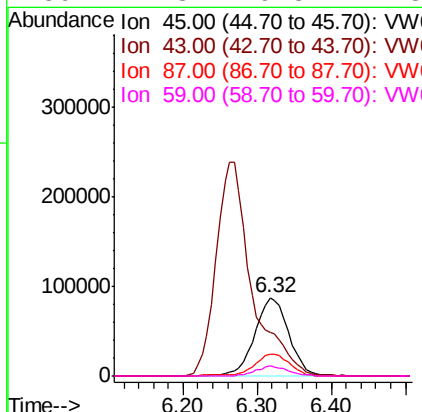
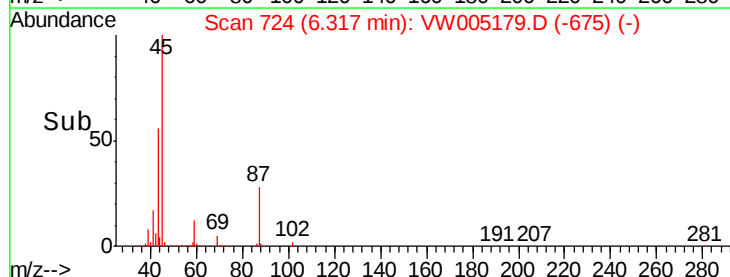
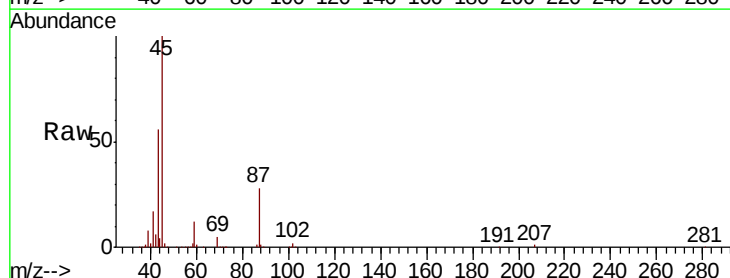
RT: 6.32 min Scan# 724

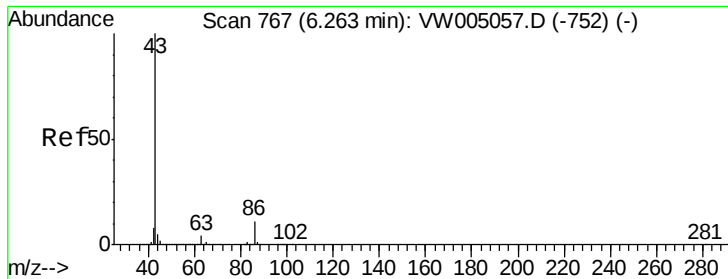
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	45	Resp:	279334
Ion Ratio	Lower	Upper	
45	100		
43	55.1	42.6	63.8
87	28.1	23.6	35.4
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 130.52 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleID :

VW0906SBSD01

Tot Ion: 43 Resp: 796965

Ion Ratio Lower Upper

43 100

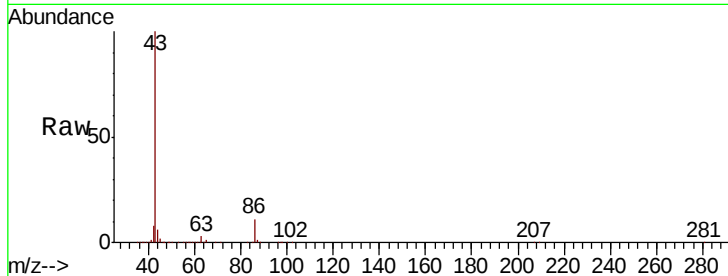
86 11.0 9.0 13.4

Manual Integrations

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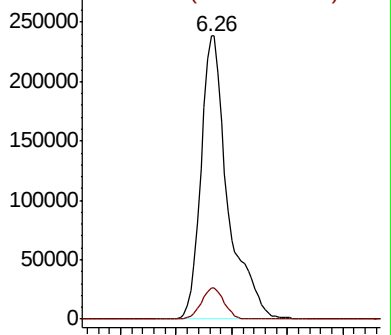
apatel

9/7/2018 12:29:19 PM

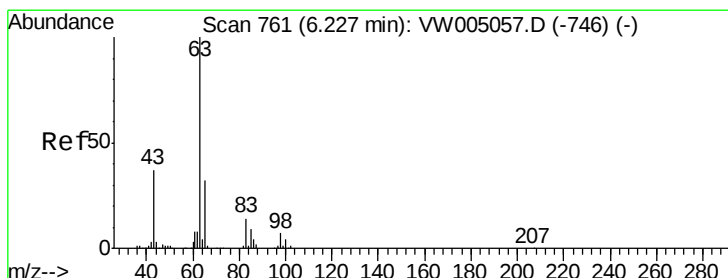
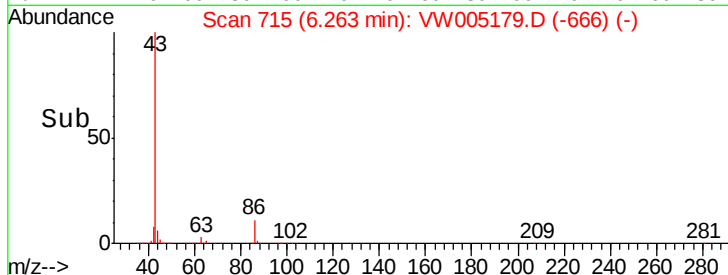


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 22.05 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

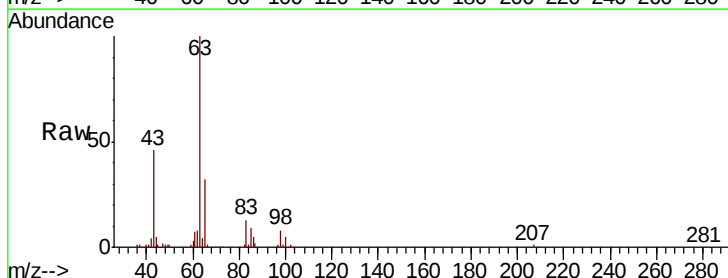
Tgt Ion: 63 Resp: 160218

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

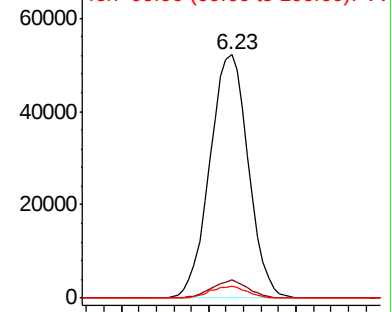
100 4.7 2.2 6.6



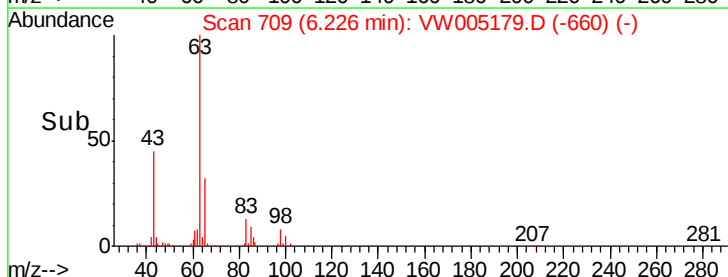
Abundance Ion 62.90 (62.60 to 63.60): VW

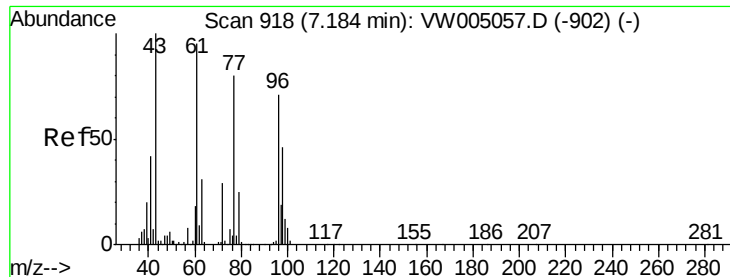
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





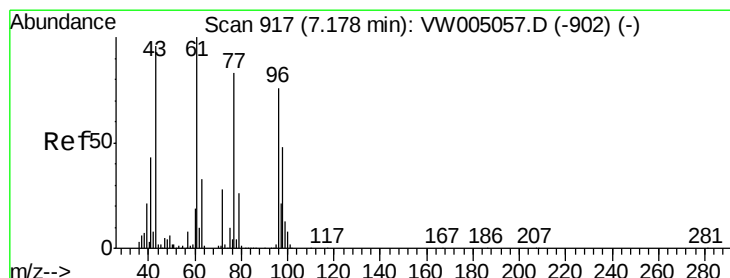
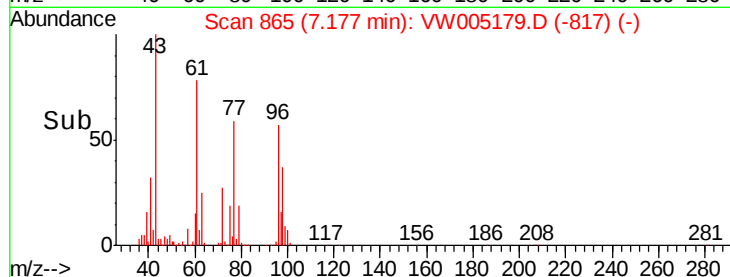
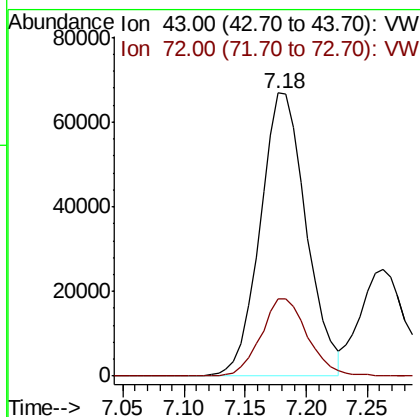
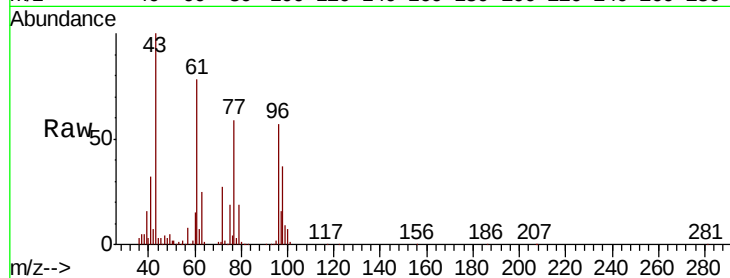
#25
2-Butanone
Concen: 139.20 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	43	Resp	175423
Ion Ratio	43	100	
	72	27.2	23.1 34.7

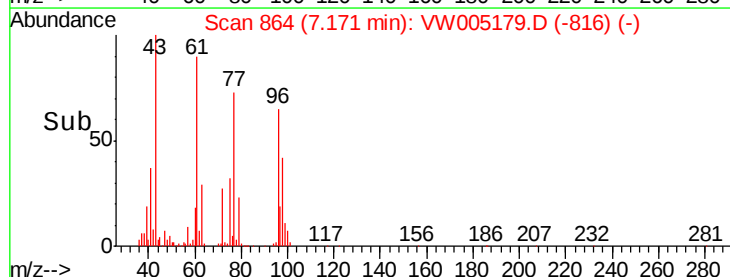
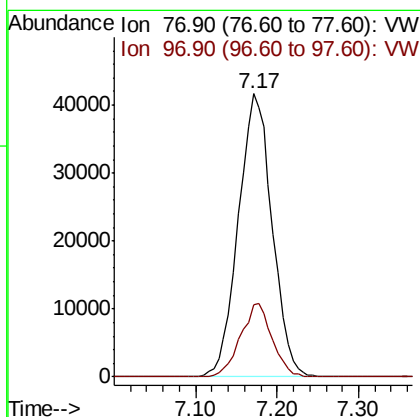
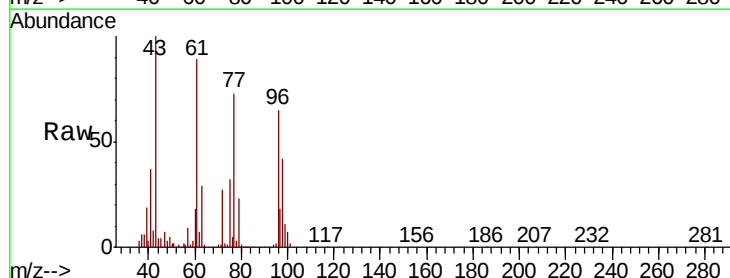
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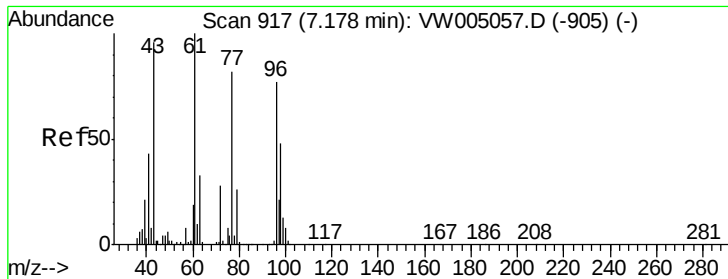
apatel
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#26
2,2-Dichloropropane
Concen: 20.08 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	77	Resp	119904
Ion Ratio	77	100	
	97	24.2	12.2 36.6





#27

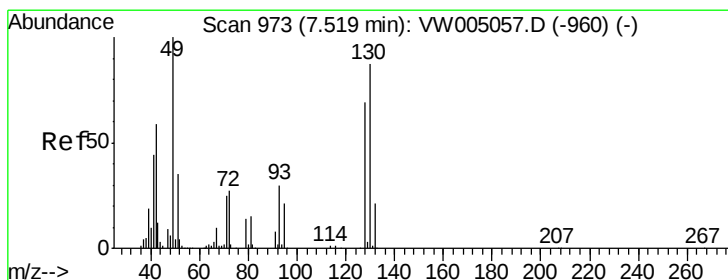
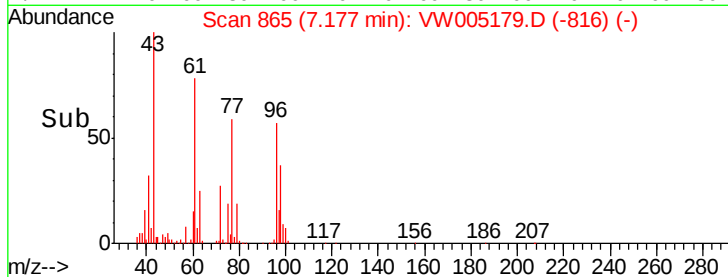
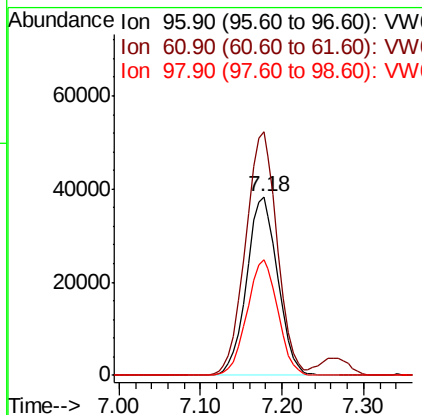
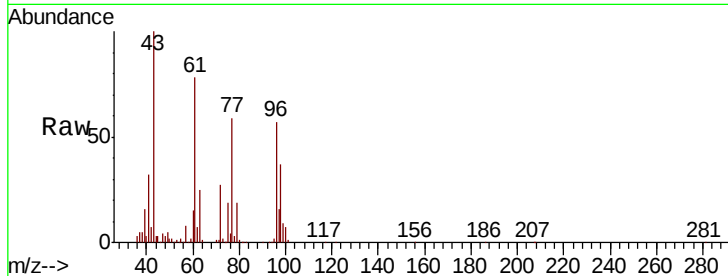
cis-1,2-Dichloroethene
Concen: 21.56 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.4	0.0	273.2	
98	64.5	0.0	127.8	

Manual Integrations
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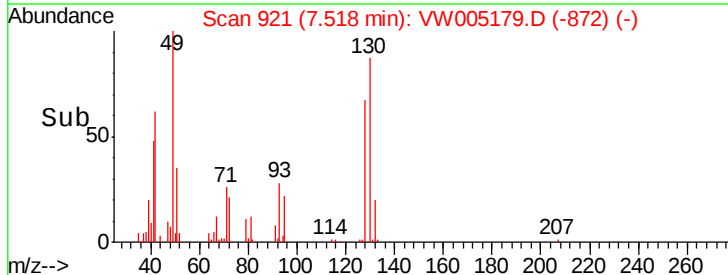
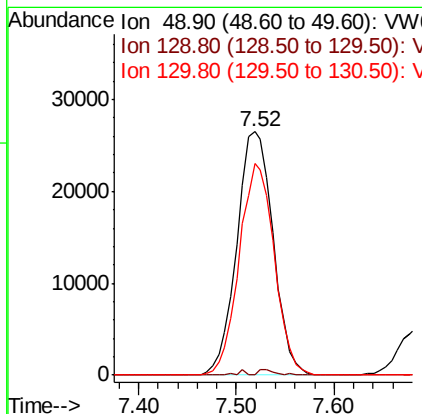
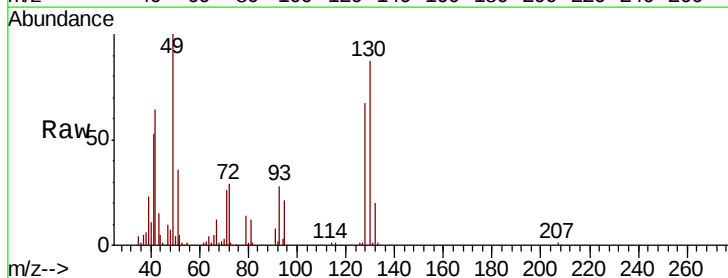
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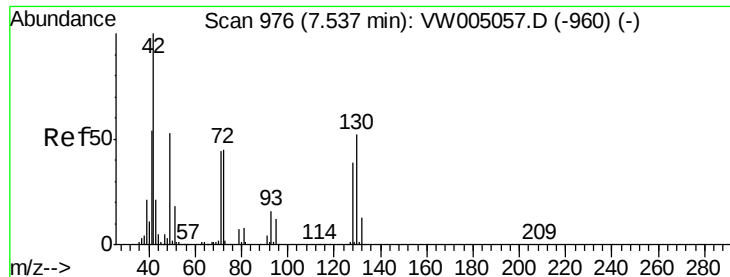


#28

Bromochloromethane
Concen: 23.39 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	4.4	
130	84.2	69.6	104.4	





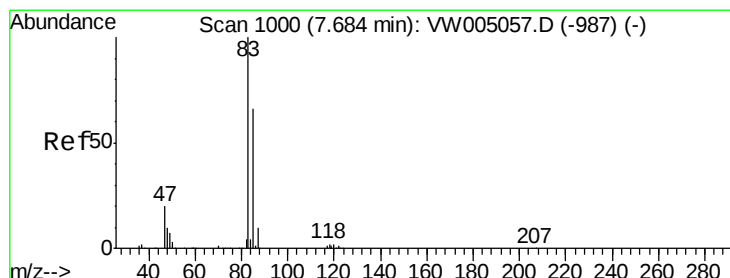
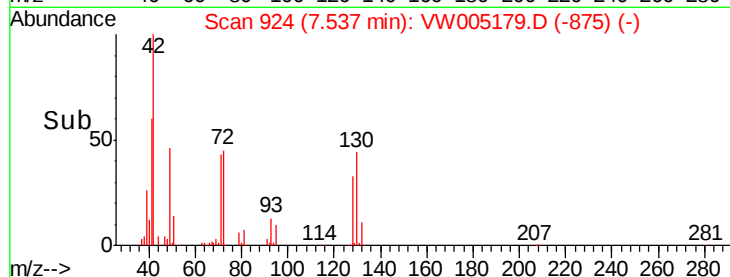
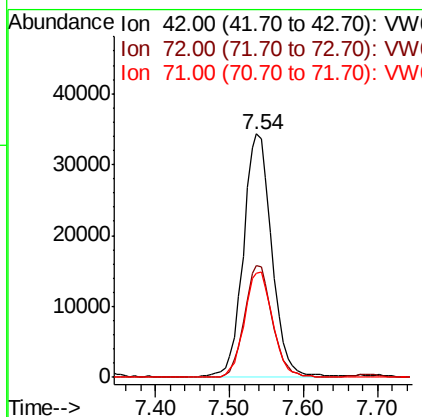
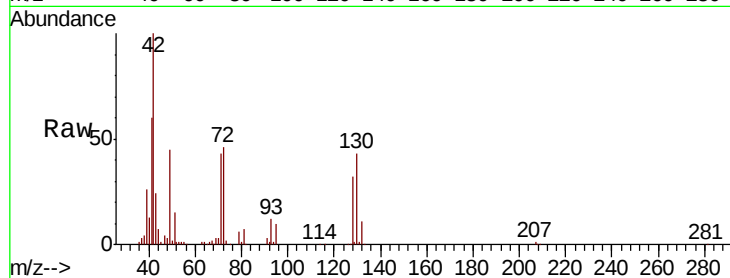
#29
Tetrahydrofuran
Concen: 143.46 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	37.0	55.4
71	42.9	35.0	52.6

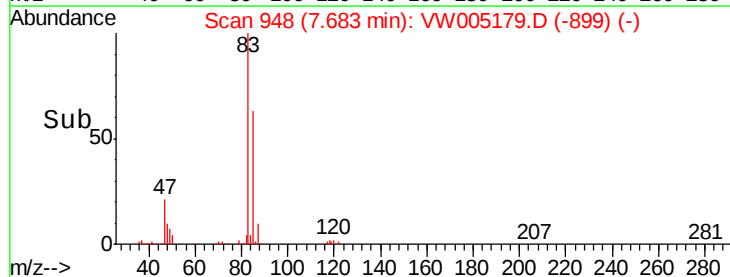
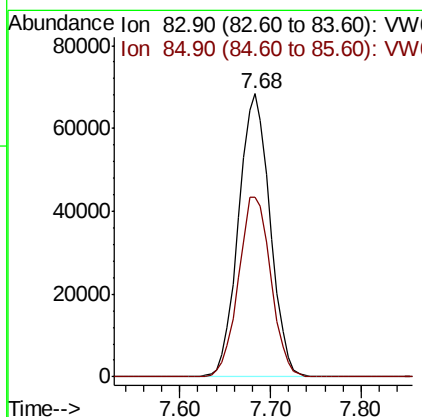
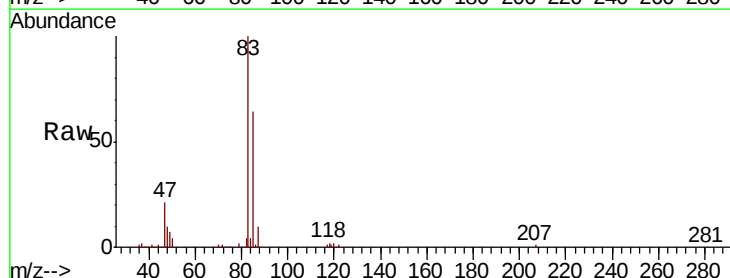
Manual Integrations
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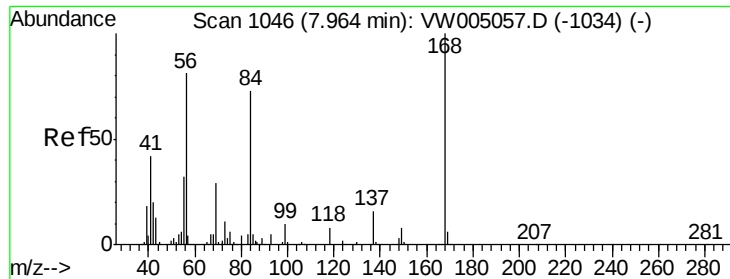
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#30
Chloroform
Concen: 22.22 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.1	79.7





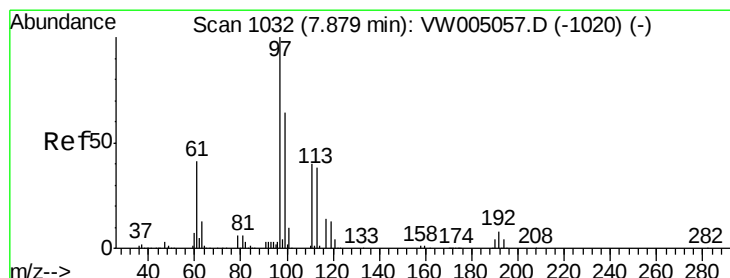
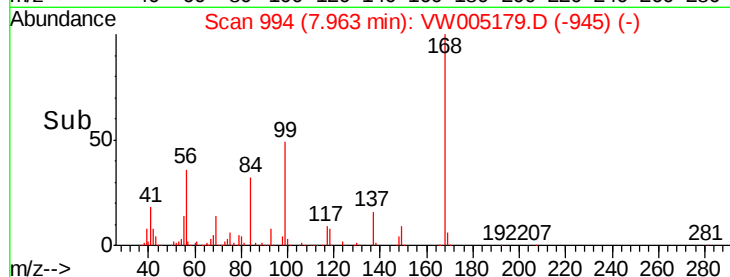
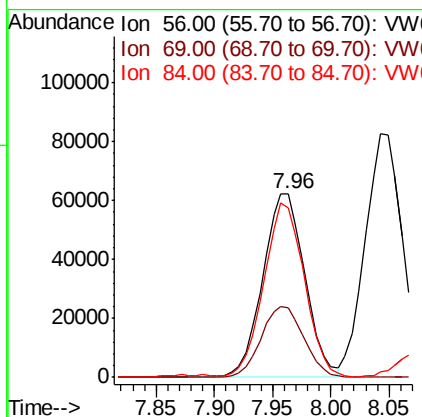
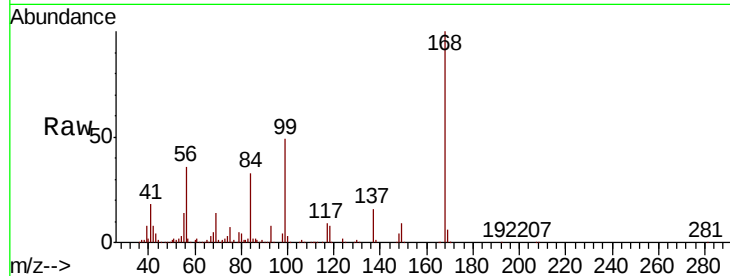
#31
Cyclohexane
Concen: 21.99 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	28.2	42.2
84	91.3	71.8	107.8

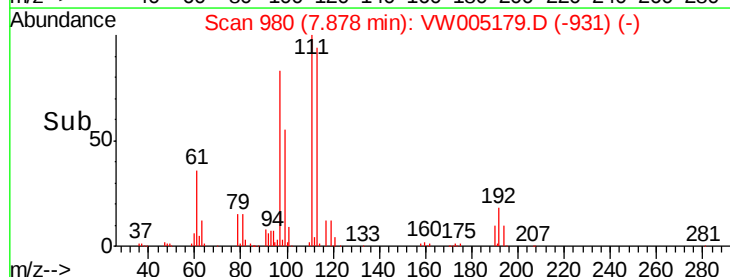
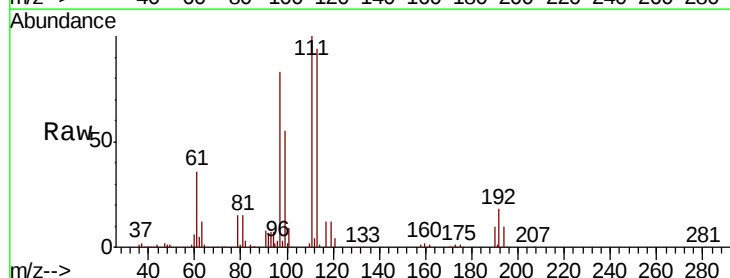
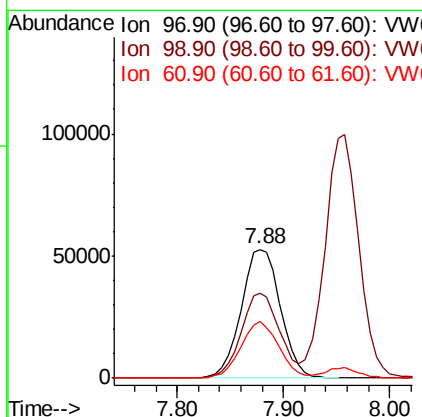
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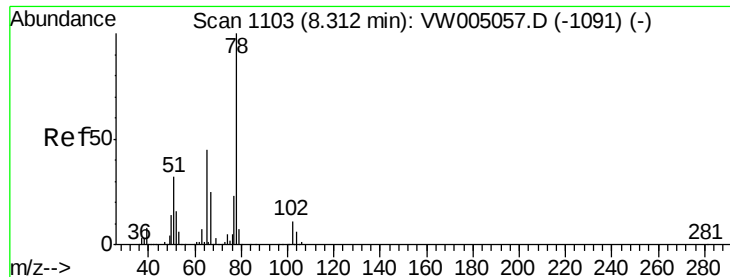
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#32
1,1,1-Trichloroethane
Concen: 21.13 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	42.1	33.2	49.8





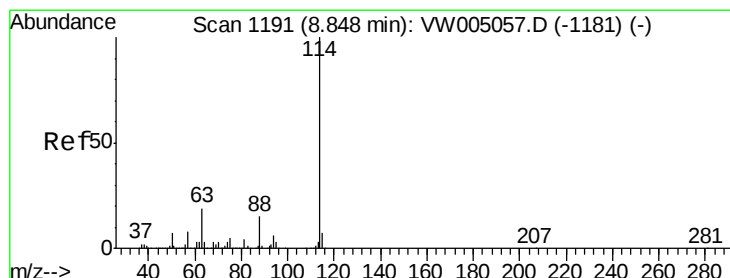
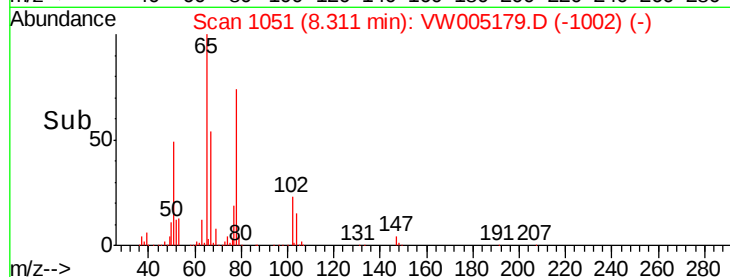
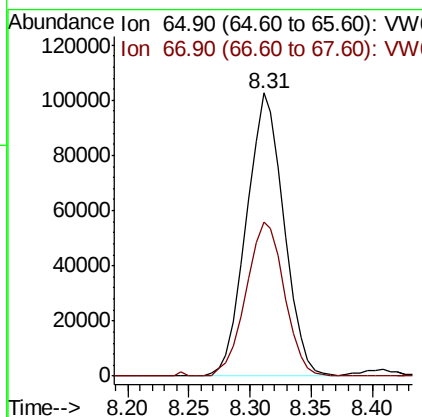
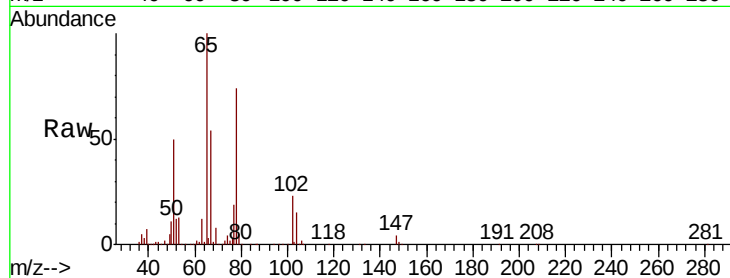
#33
 1,2-Dichloroethane-d4
 Concen: 60.37 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.8	0.0	109.4	

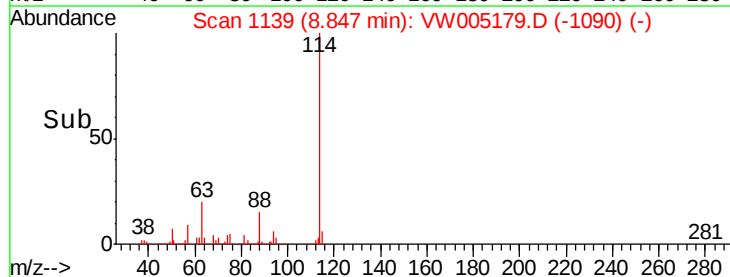
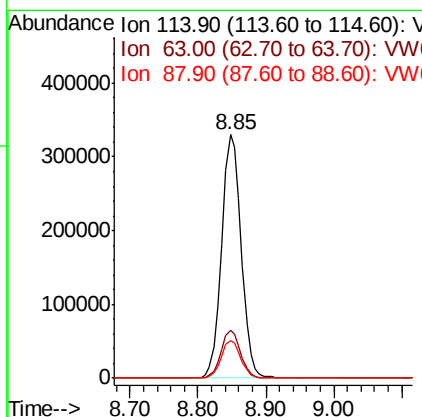
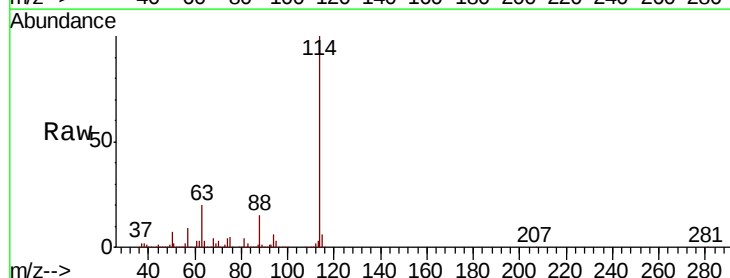
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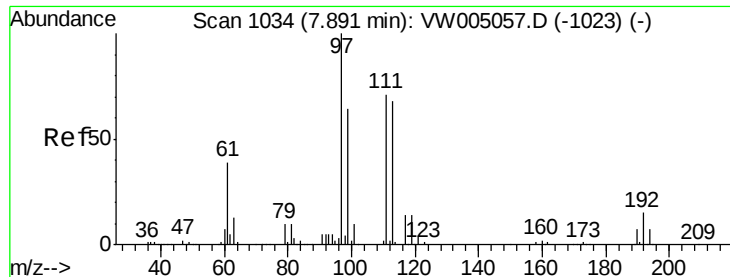
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	38.0	
88	15.4	0.0	30.2	





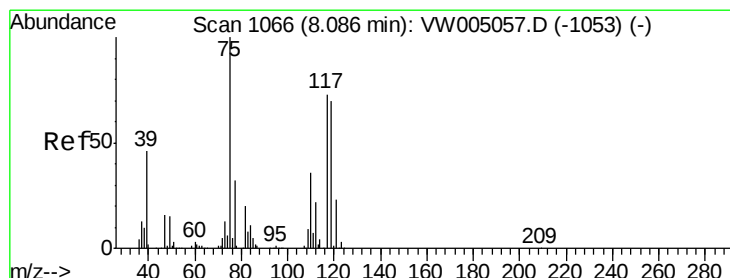
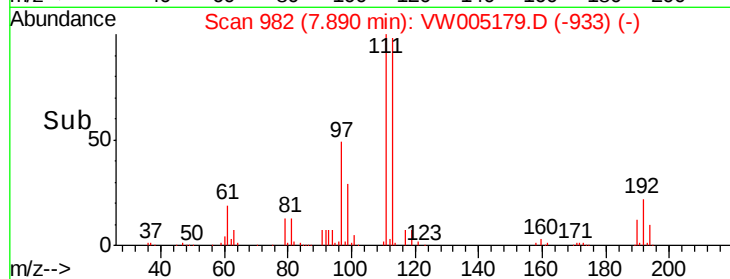
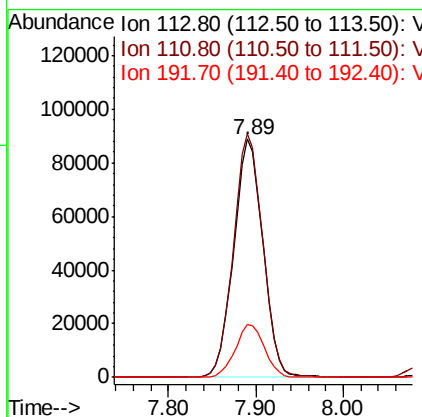
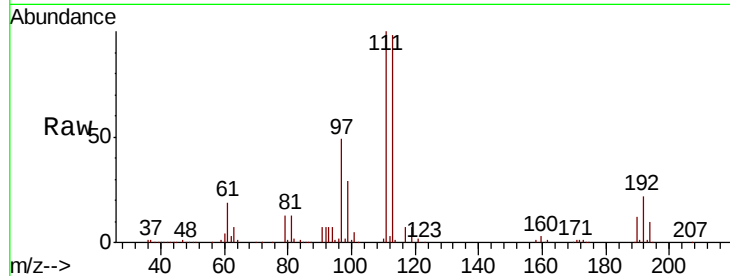
#35
 Dibromofluoromethane
 Concen: 54.41 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	206694		
111	102.4	82.2	123.2	
192	22.0	18.1	27.1	

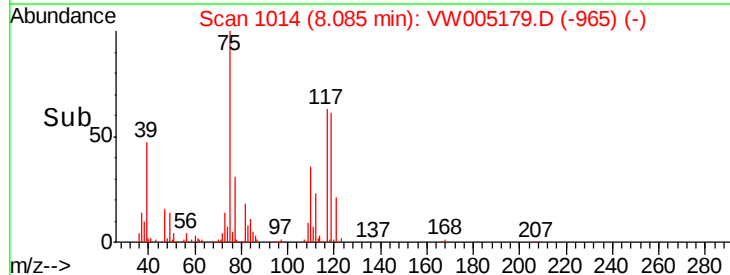
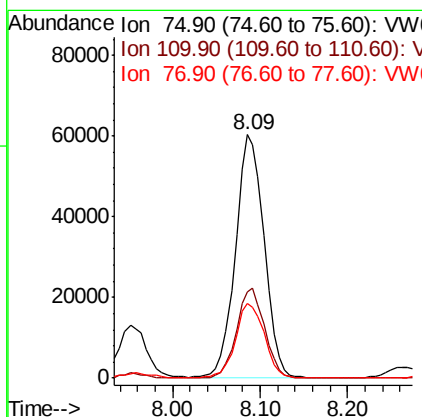
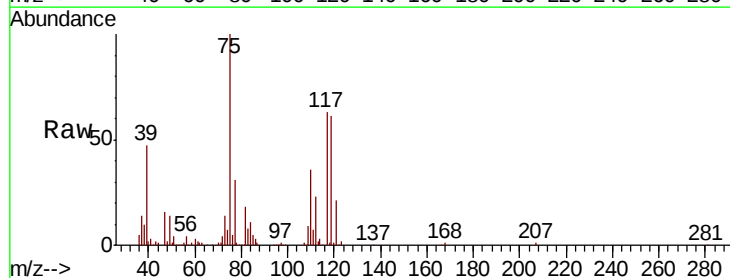
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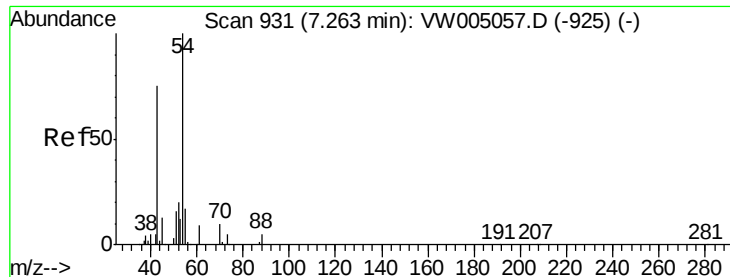
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#36
 1,1-Dichloropropene
 Concen: 22.01 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137803		
110	36.0	18.9	56.7	
77	31.0	25.5	38.3	





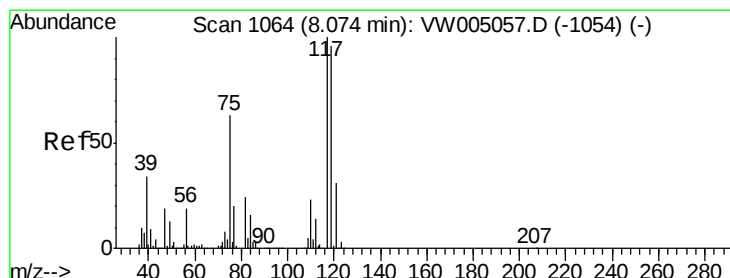
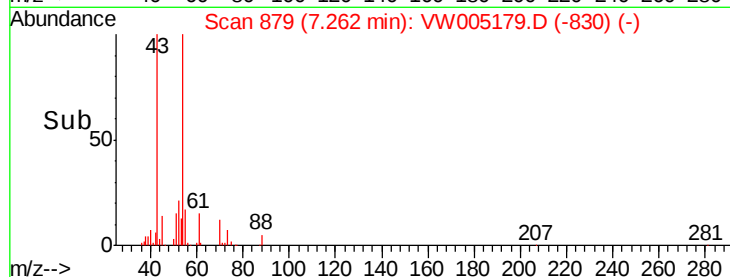
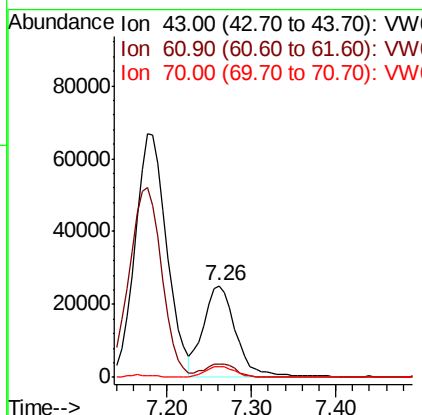
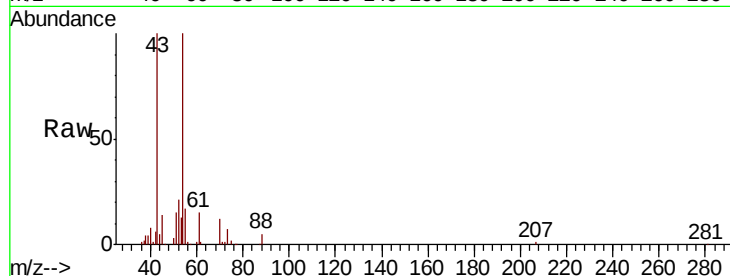
#37
Ethyl Acetate
Concen: 28.74 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	11.5	9.4	14.2

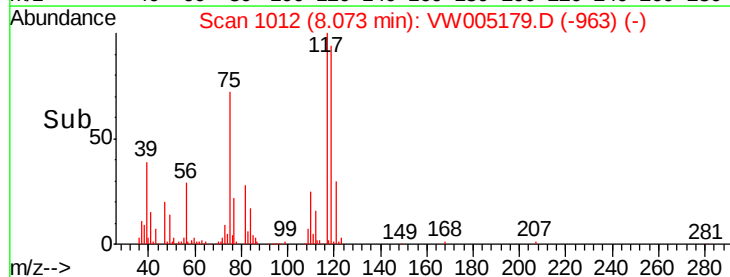
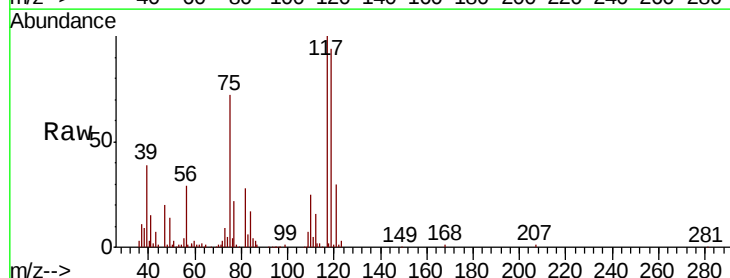
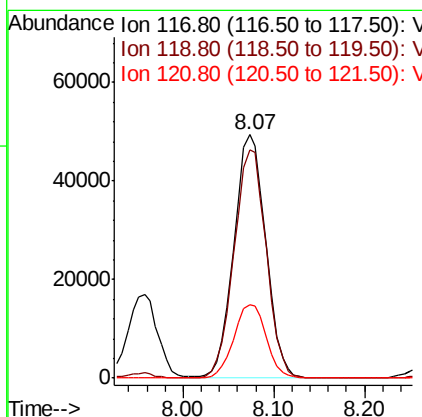
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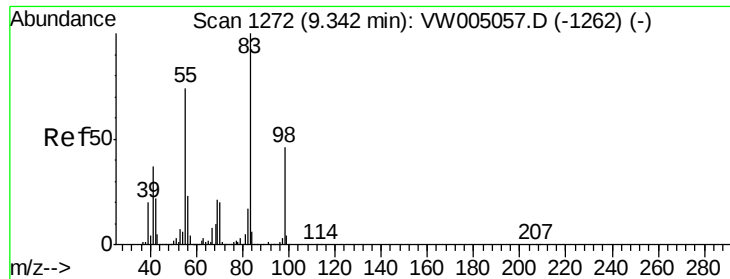
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#38
Carbon Tetrachloride
Concen: 20.26 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.6	115.0
121	30.2	24.8	37.2





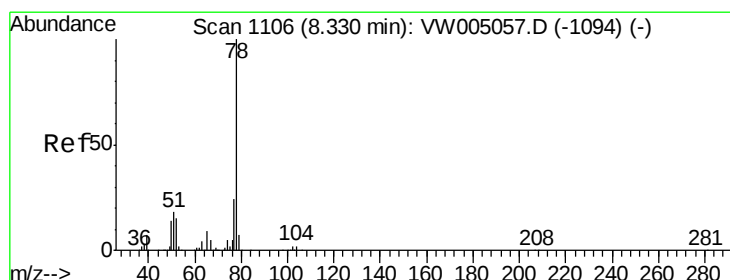
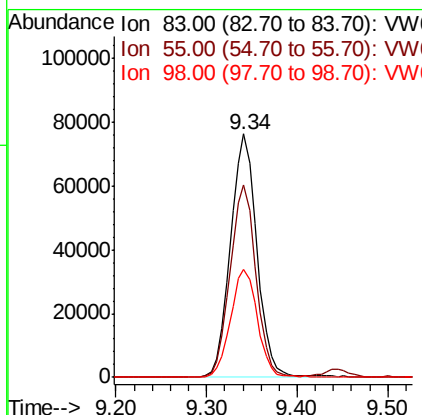
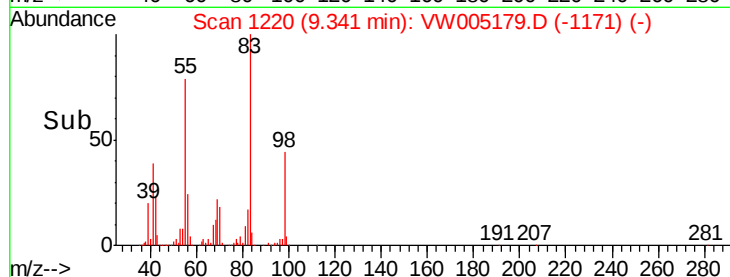
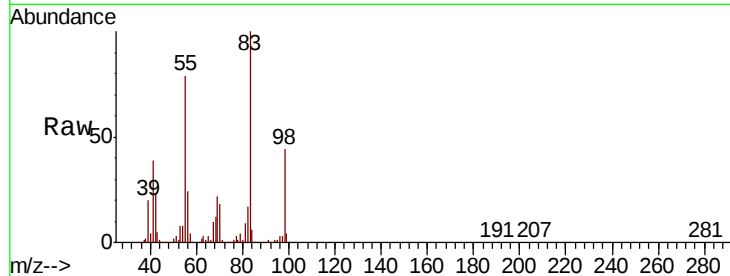
#39
Methvlcvclohexane
Concen: 20.45 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	58.9	88.3
98	44.2	36.8	55.2

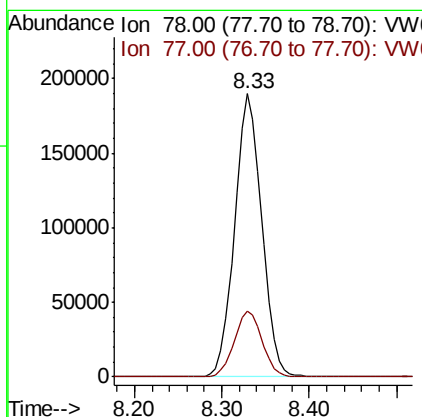
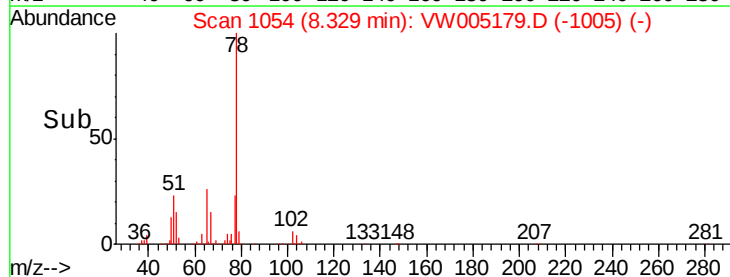
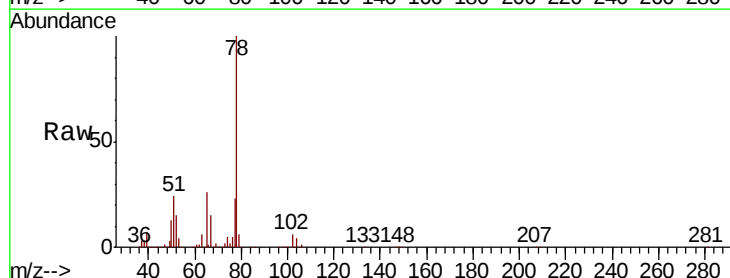
Manual Integrations
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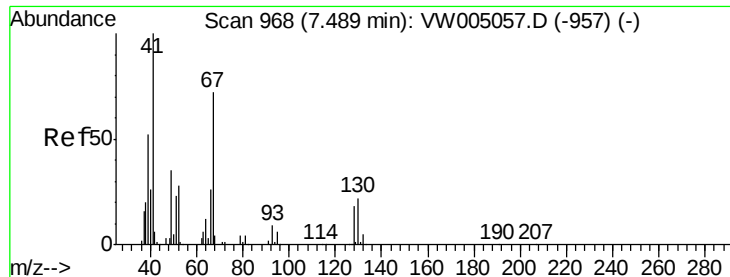
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#40
Benzene
Concen: 21.36 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





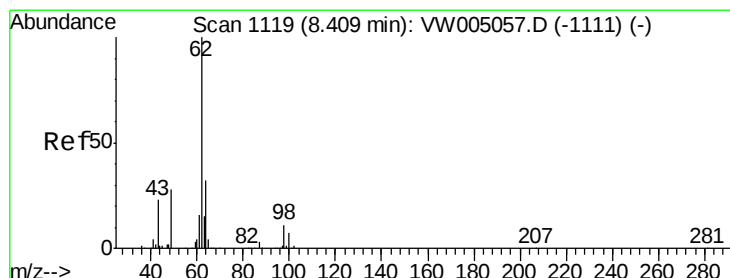
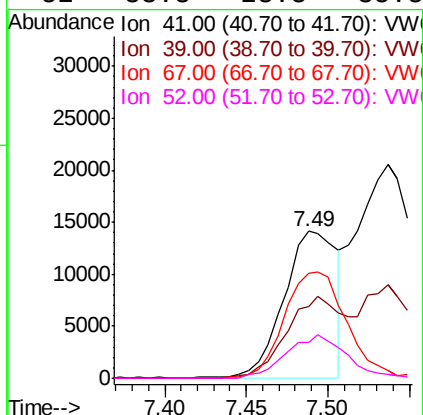
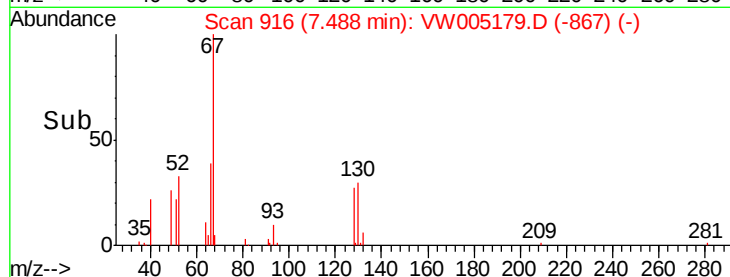
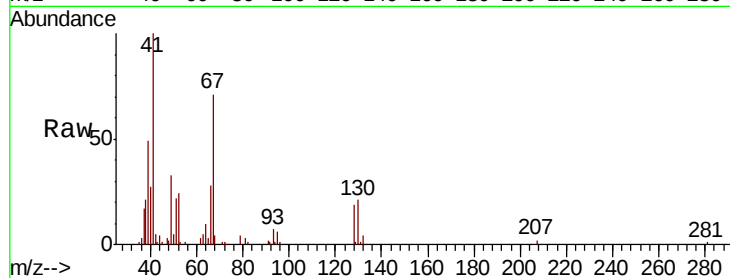
#41
Methacrylonitrile
Concen: 23.67 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.2	41.8	62.8
67	84.6	60.4	90.6
52	33.3	23.8	35.8

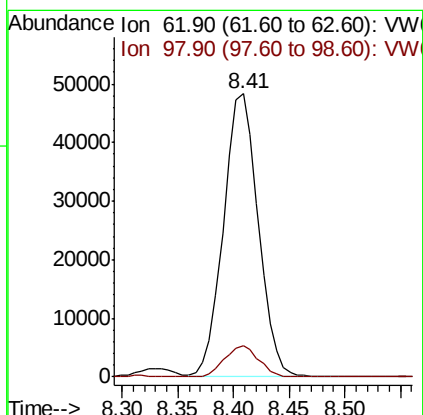
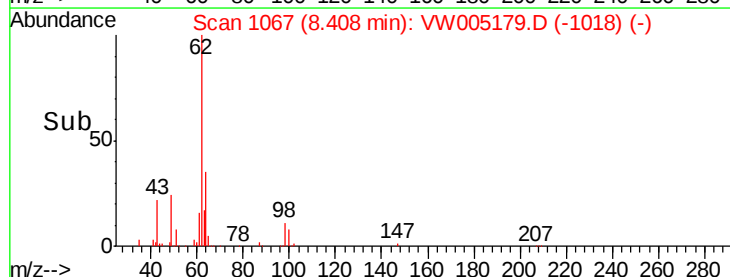
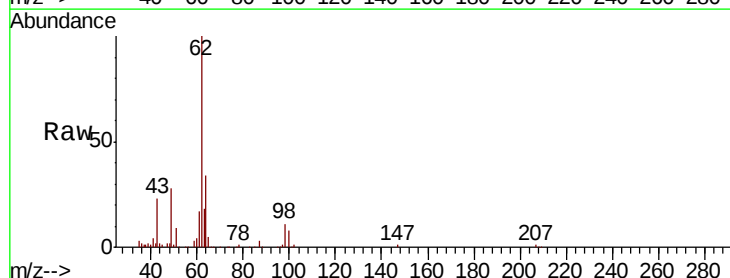
Manual Integrations
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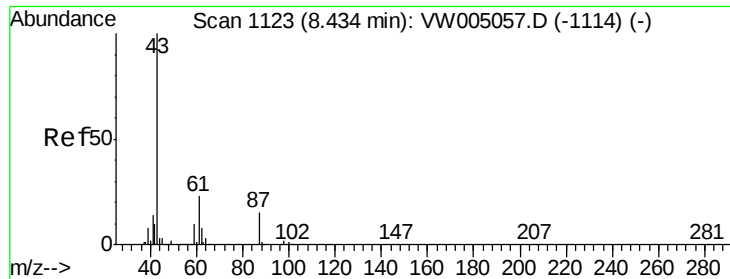
apatel
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#42
1,2-Dichloroethane
Concen: 22.33 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 26.45 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

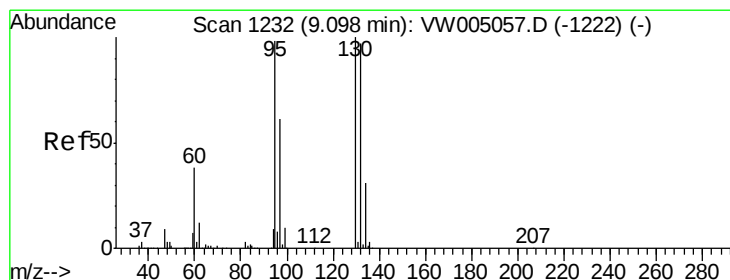
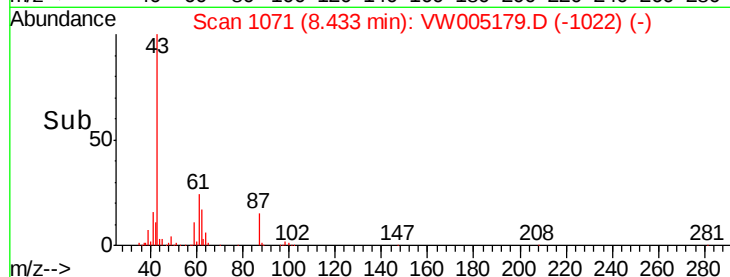
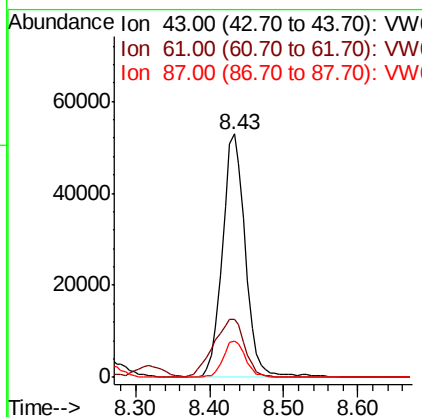
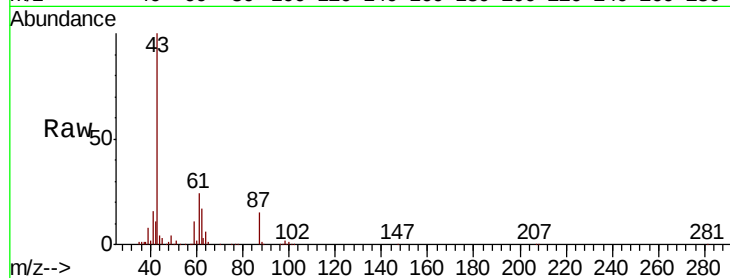
ClientSampleId :

VW0906SBSD01

Tot Ion:	43	Resp:	112680
Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.8	40.2
87	14.8	11.6	17.4

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#44

Trichloroethene

Concen: 20.92 ug/l

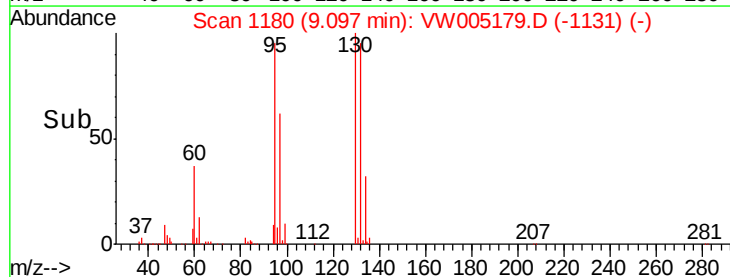
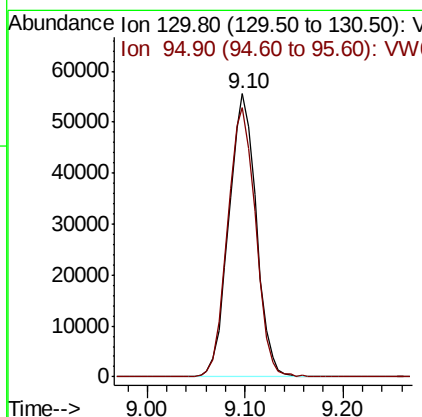
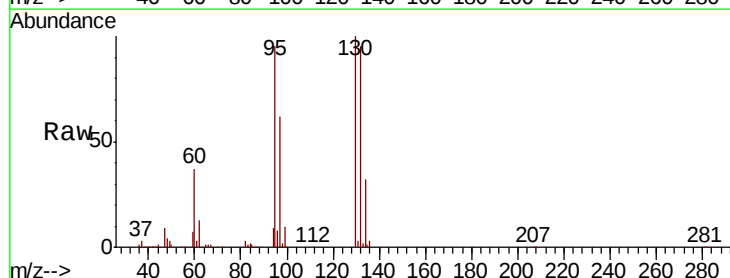
RT: 9.10 min Scan# 1180

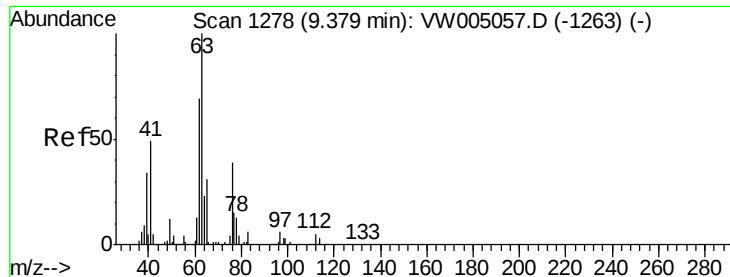
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	130	Resp:	108164
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	195.2





#45

1,2-Dichloropropane

Concen: 22.15 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 63 Resp: 103715

Ion Ratio Lower Upper

63 100

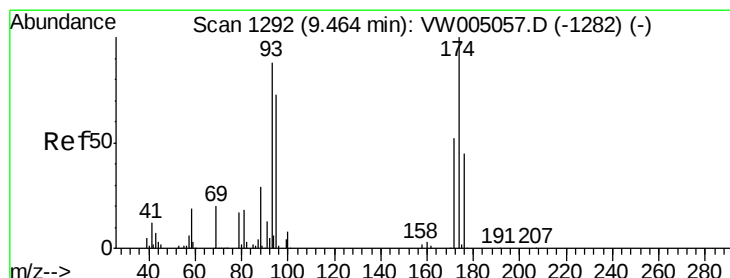
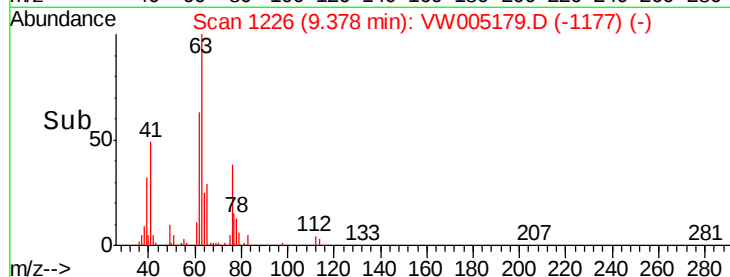
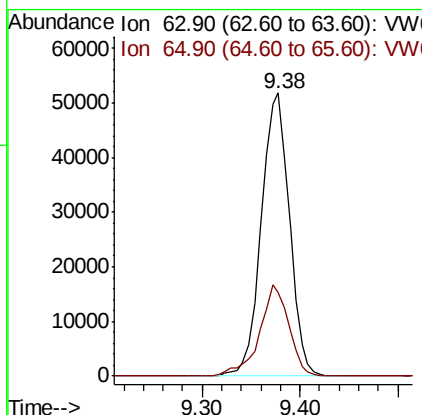
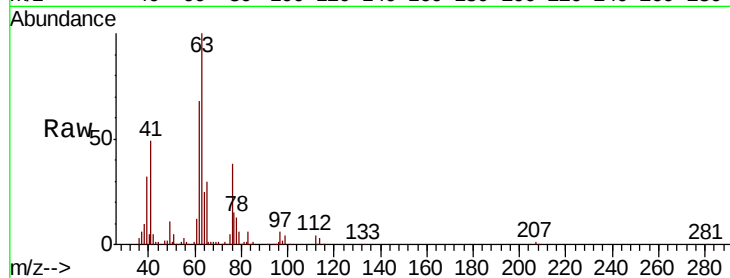
65 29.4 24.6 37.0

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#46

Dibromomethane

Concen: 22.70 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

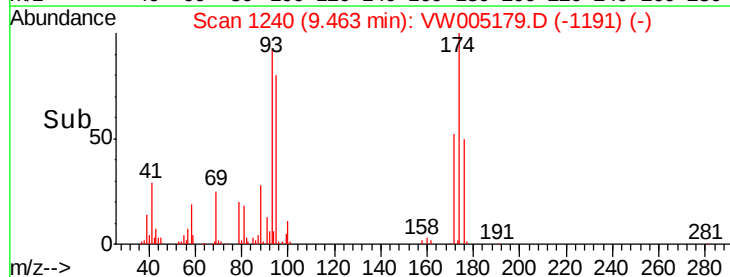
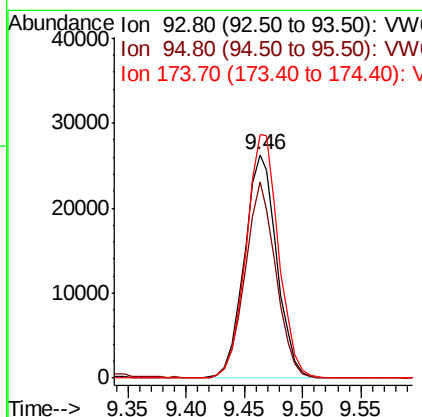
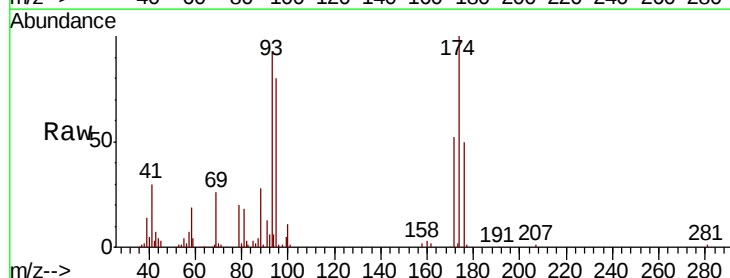
Tgt Ion: 93 Resp: 50825

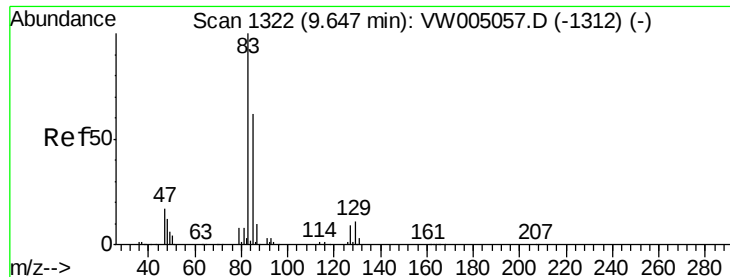
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 109.8 92.0 138.0





#47

Bromodichloromethane

Concen: 21.85 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

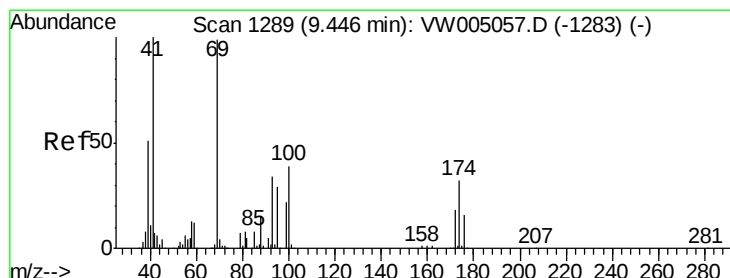
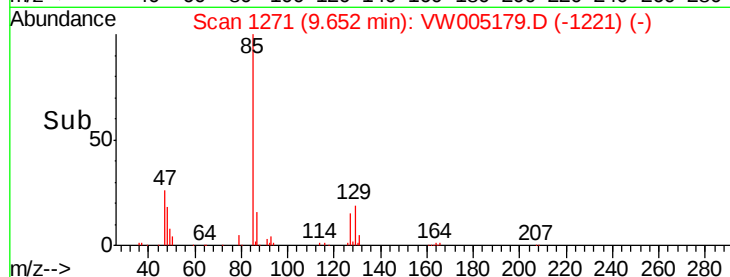
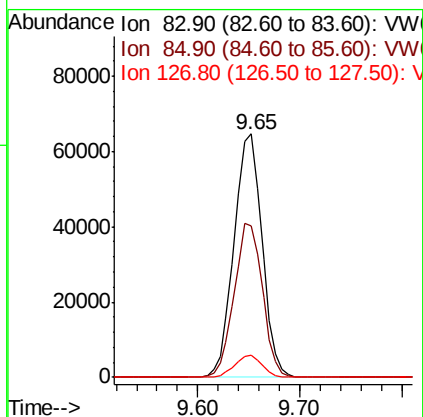
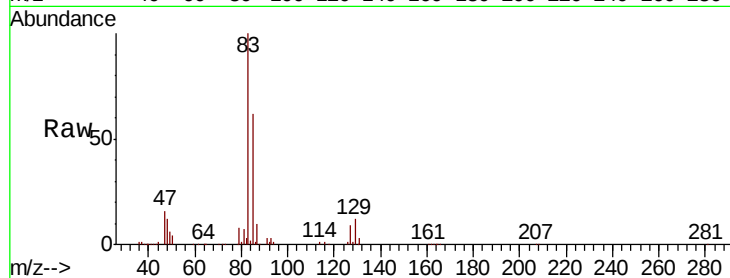
ClientSampleId :

VW0906SBSD01

Tot Ion:	83	Resp:	123139
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.8	74.6
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 25.18 ug/l

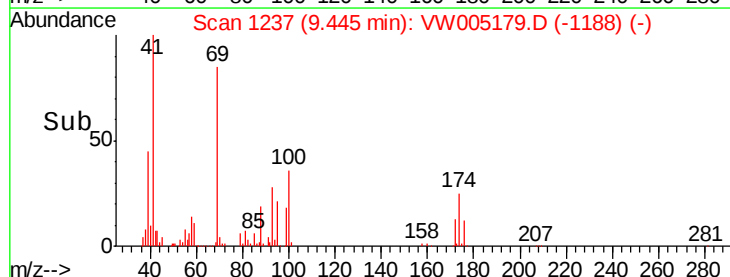
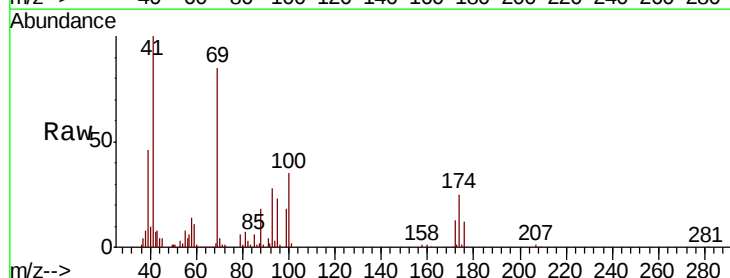
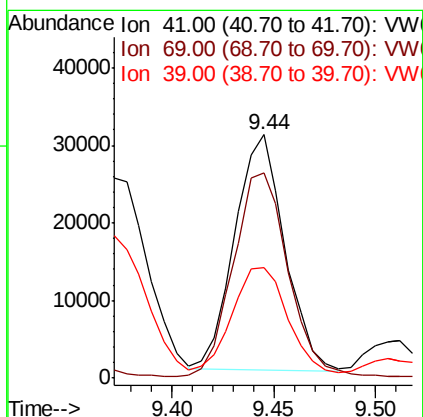
RT: 9.44 min Scan# 1237

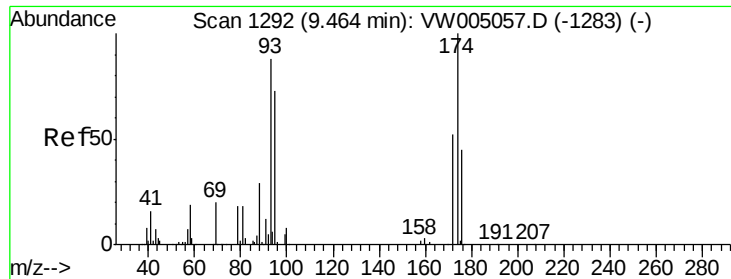
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	41	Resp:	51647
Ion Ratio	Lower	Upper	
41	100		
69	97.1	80.4	120.6
39	54.8	43.5	65.3





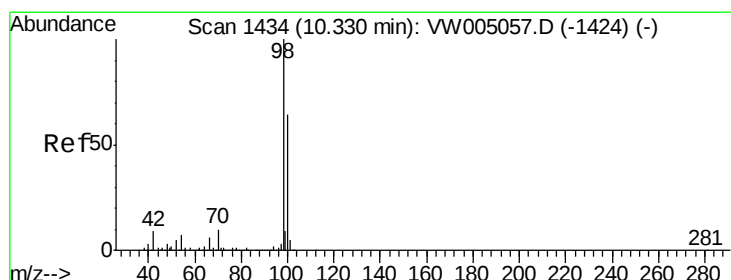
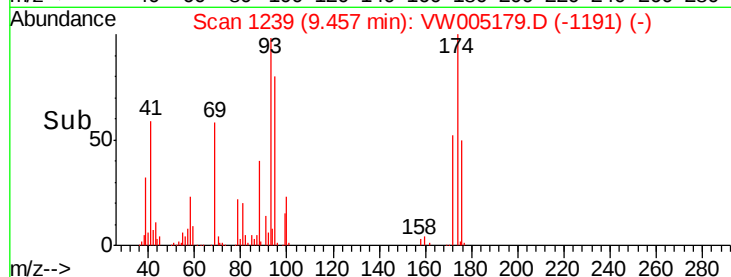
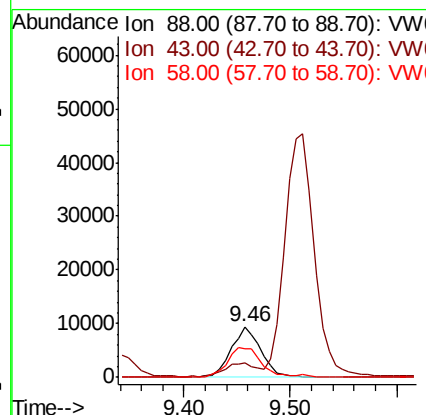
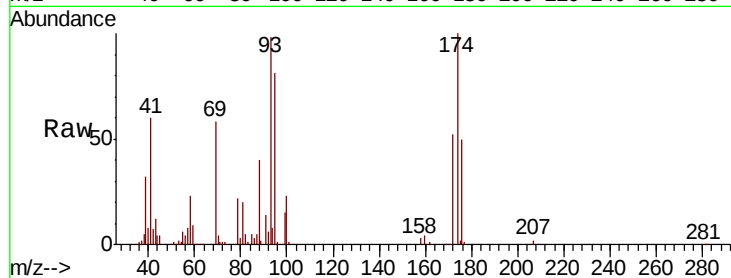
#49
1,4-Dioxane
Concen: 507.47 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	88	Resp	18372
Ion	Ratio	Lower	Upper
88	100		
43	29.6	19.8	29.6
58	70.0	57.1	85.7

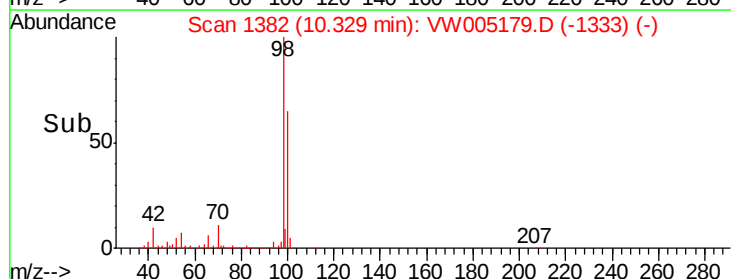
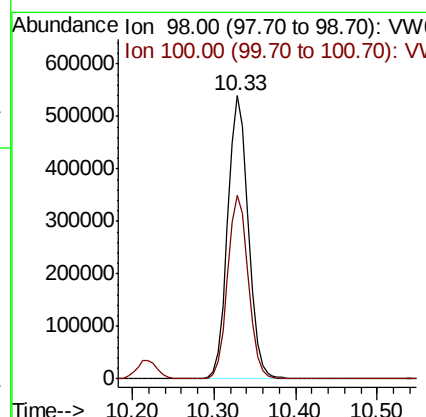
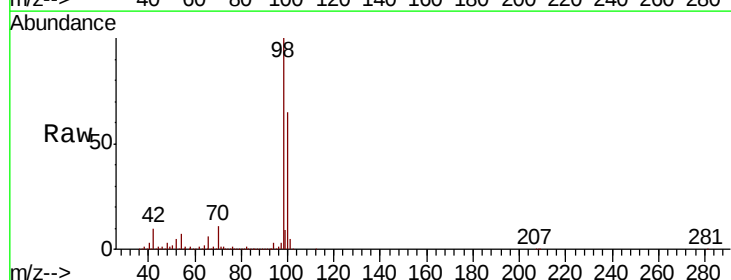
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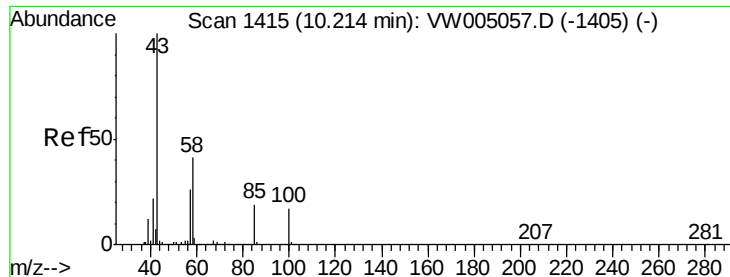
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#50
Toluene-d8
Concen: 53.66 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	98	Resp	939273
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 138.09 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleID :

VW0906SBS01

Tot Ion: 43 Resp: 394266

Ion Ratio Lower Upper

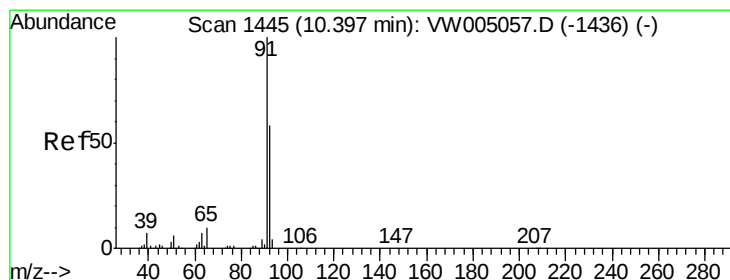
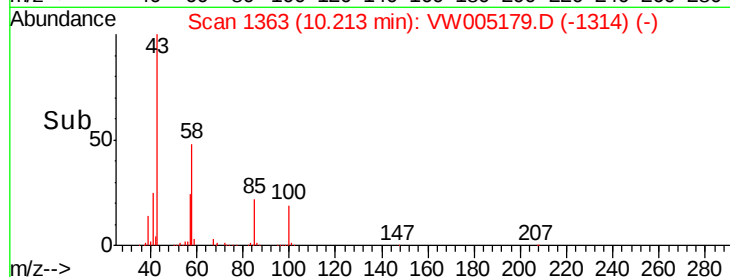
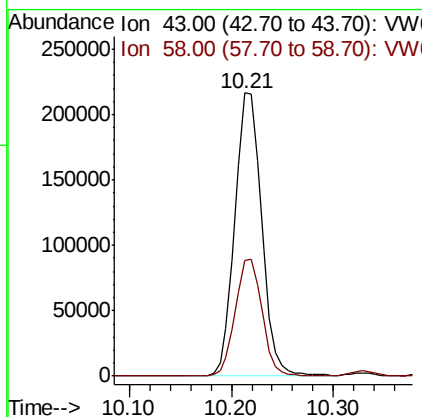
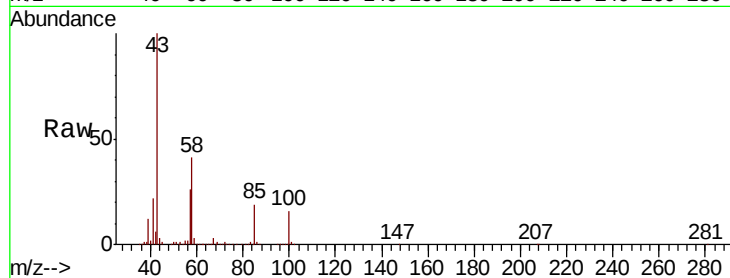
43 100

58 41.3 33.3 49.9

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#52

Toluene

Concen: 20.68 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005179.D

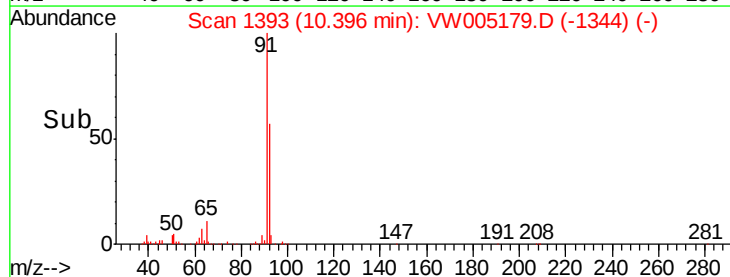
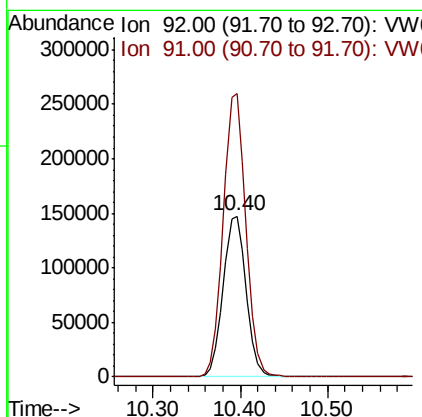
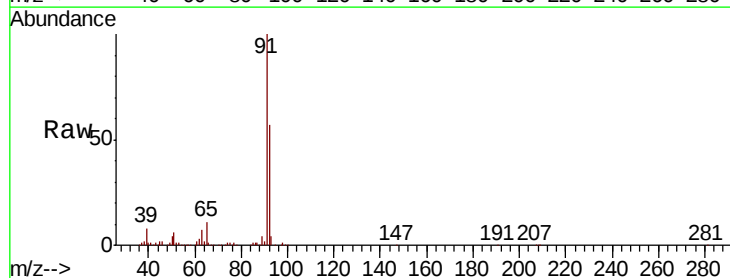
Acq: 06 Sep 2018 21:49

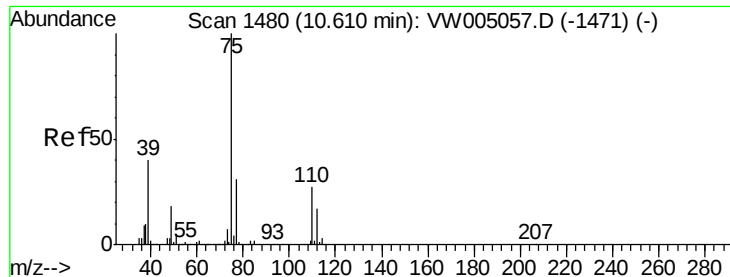
Tgt Ion: 92 Resp: 268562

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 22.56 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion: 75 Resp: 124983

Ion Ratio Lower Upper

75 100

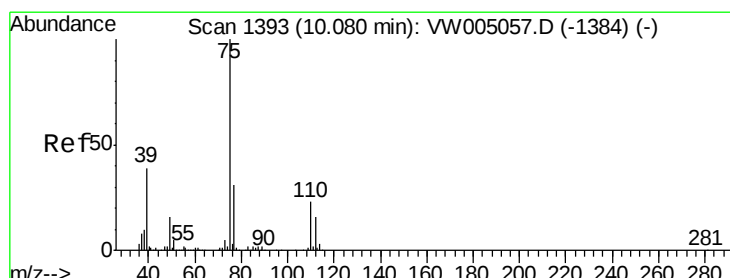
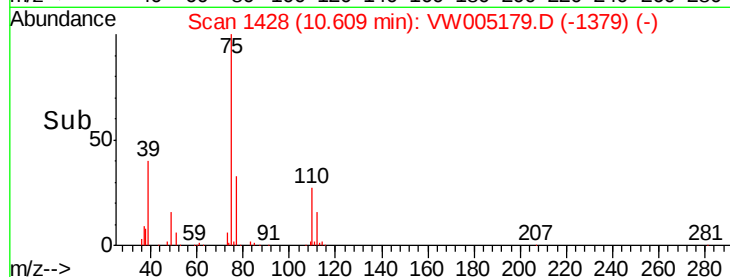
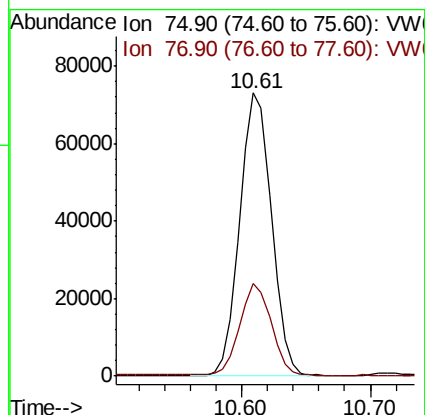
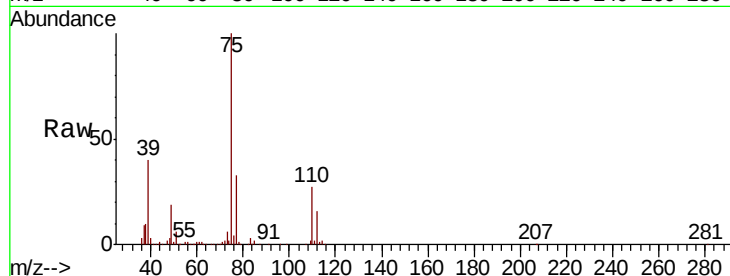
77 32.5 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 22.51 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

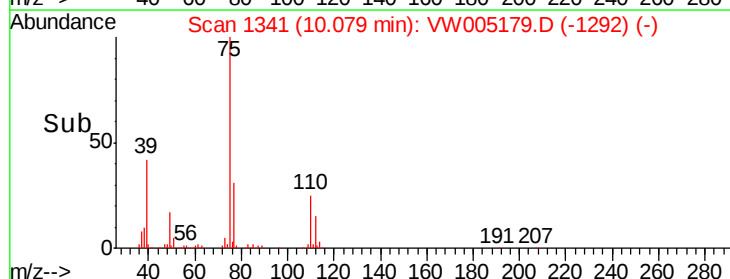
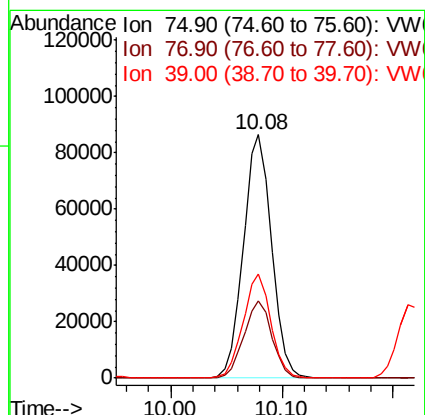
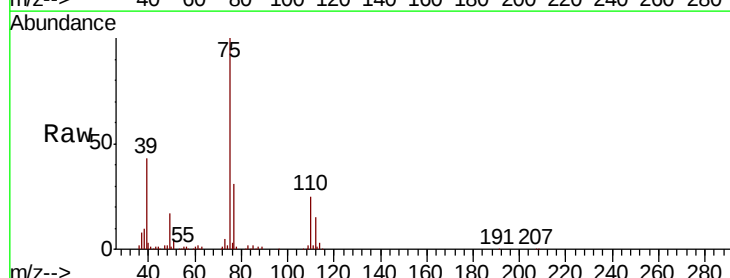
Tgt Ion: 75 Resp: 151639

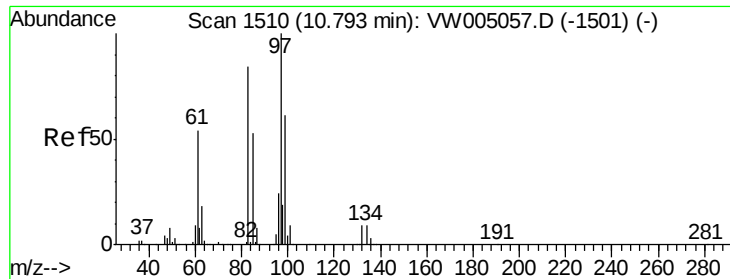
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 42.4 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 23.77 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

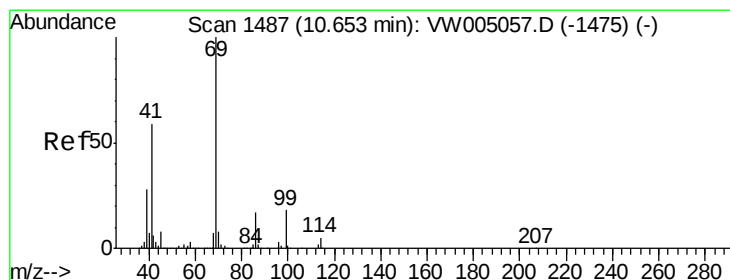
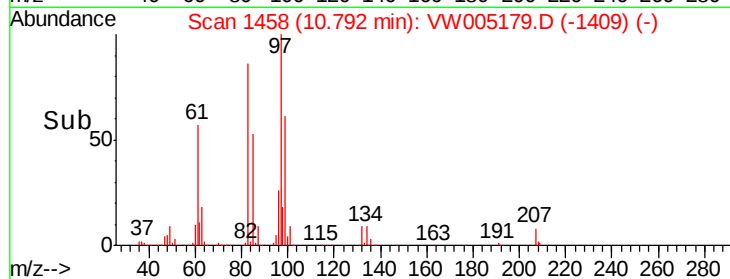
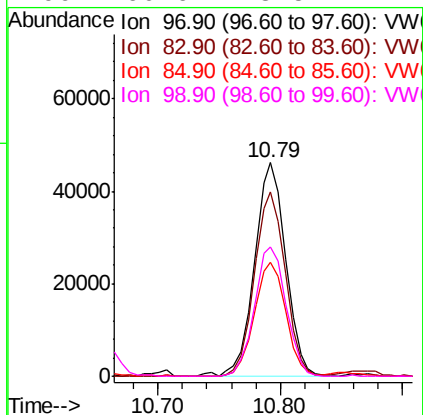
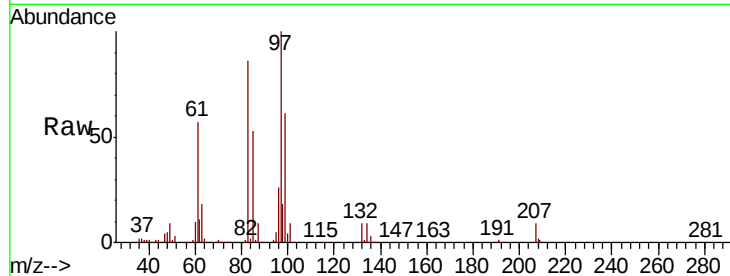
ClientSampleId :

VW0906SBSD01

Tot Ion:	97	Resp:	82404
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.0	100.6
85	53.1	42.3	63.5
99	60.6	48.5	72.7

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#56

Ethyl methacrylate

Concen: 24.11 ug/l

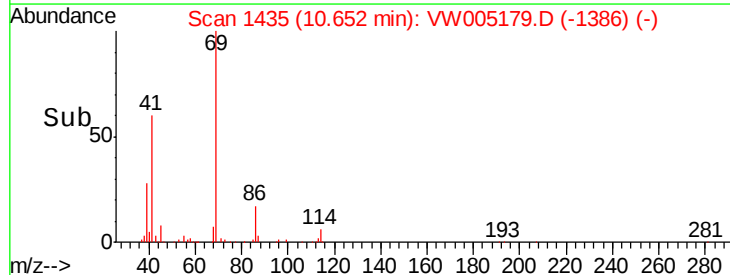
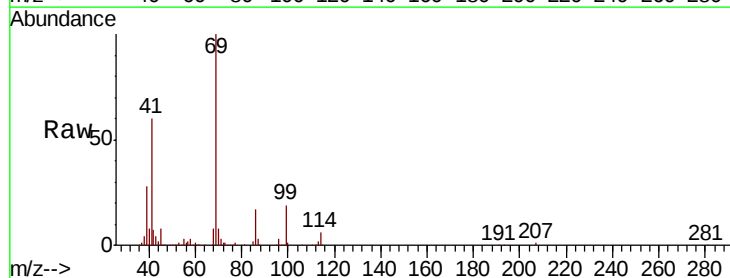
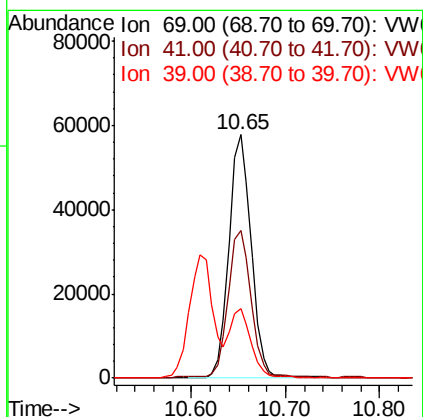
RT: 10.65 min Scan# 1435

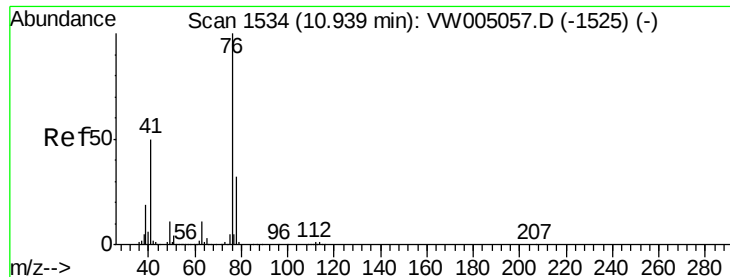
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	69	Resp:	95328
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.8	71.6
39	26.7	21.1	31.7





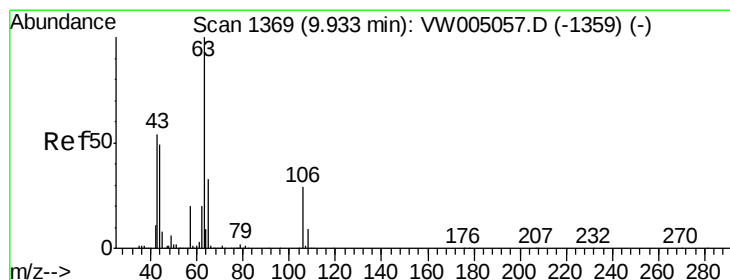
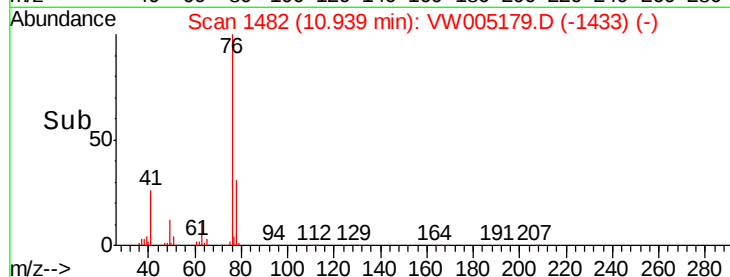
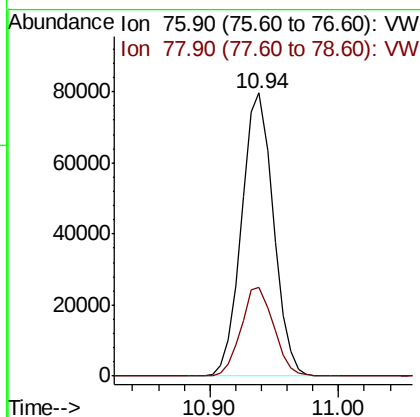
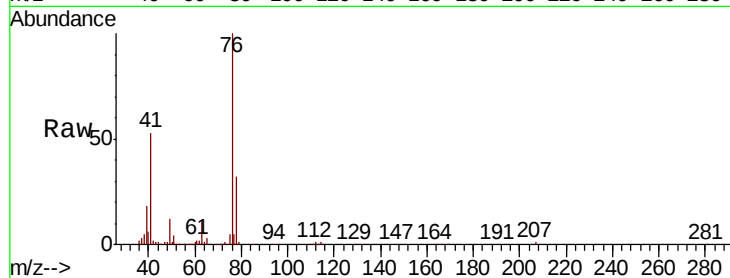
#57
 1,3-Dichloropropane
 Concen: 23.84 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

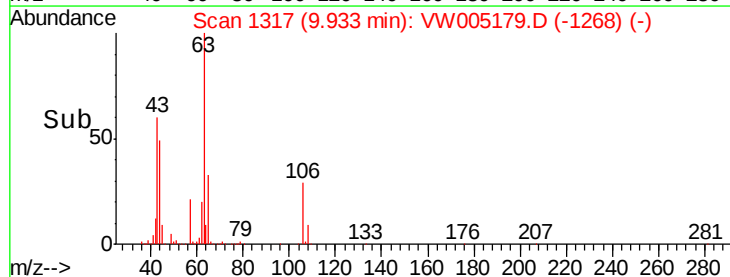
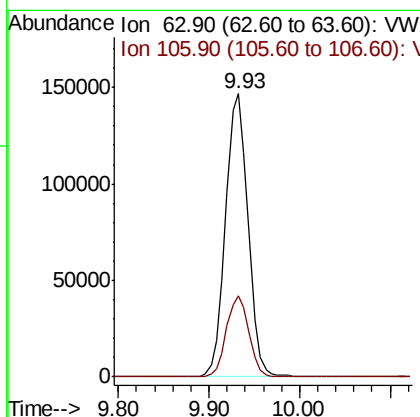
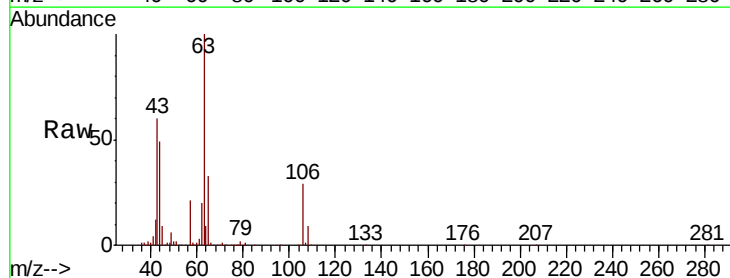
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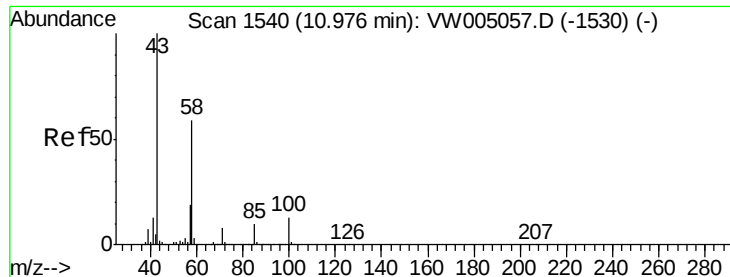
apatel
 9/7/2018 12:29:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.69 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.1	34.7





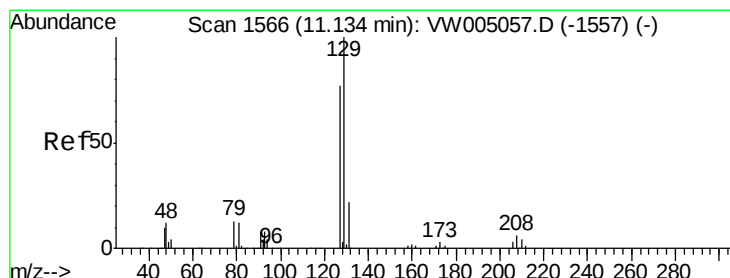
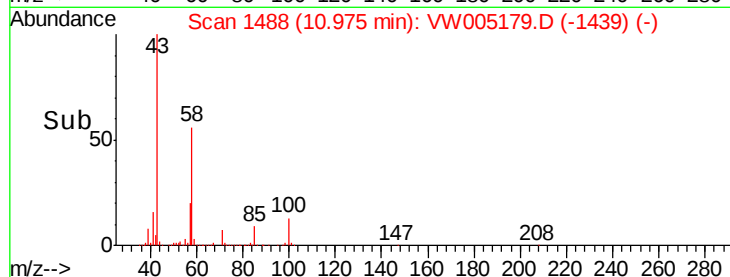
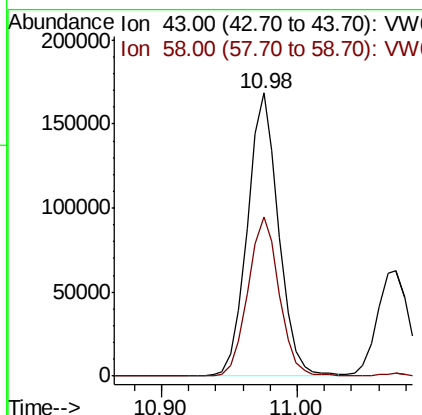
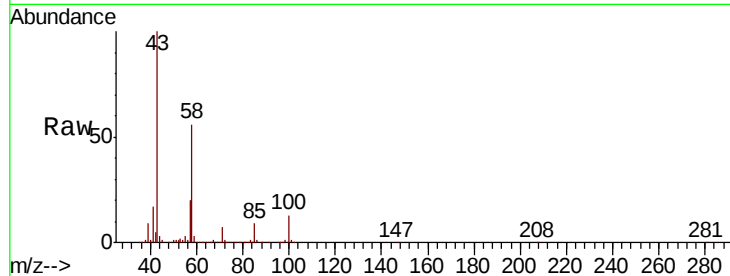
#59
2-Hexanone
Concen: 139.14 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.7	28.7	86.3

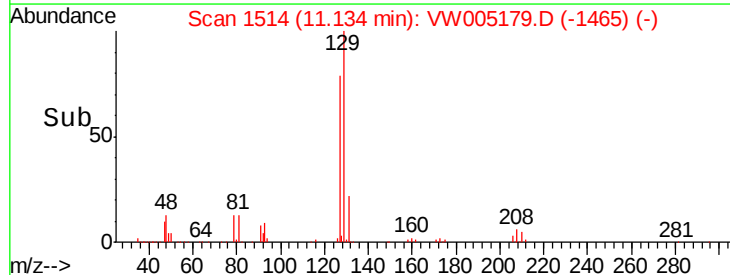
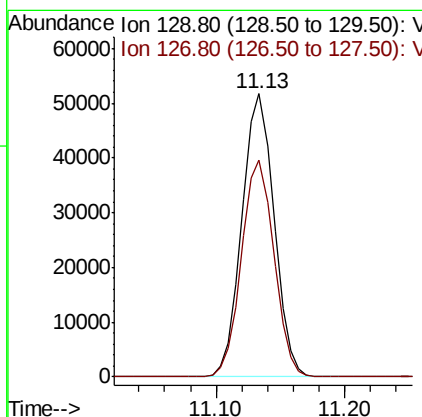
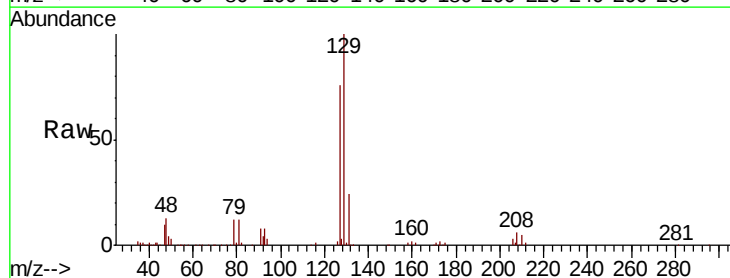
Manual Integrations
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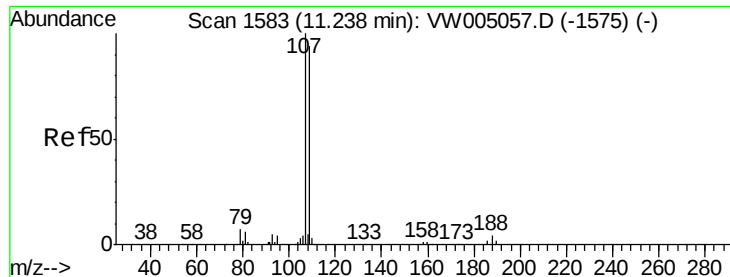
apatel
9/7/2018 12:29:19 PM



#60
Dibromochloromethane
Concen: 22.85 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





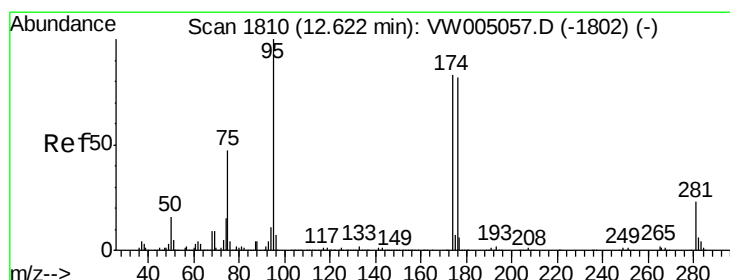
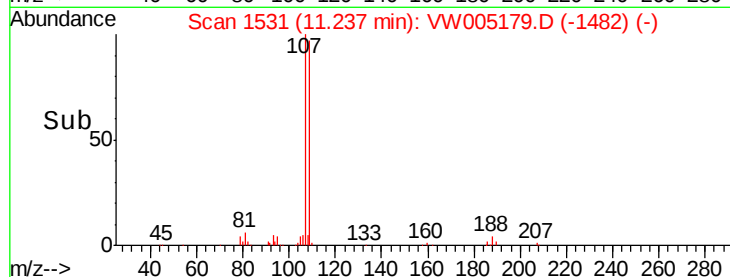
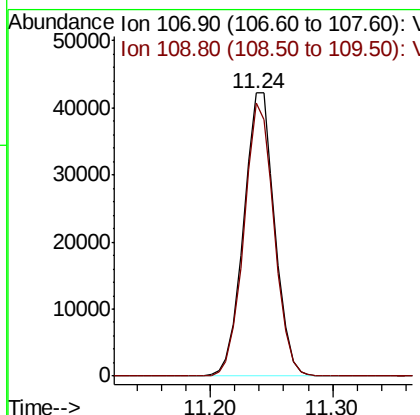
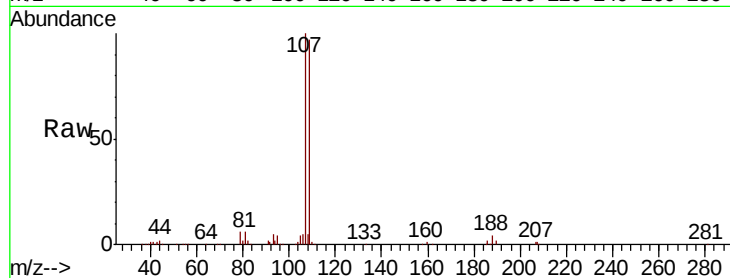
#61
 1,2-Dibromoethane
 Concen: 23.72 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion: 107 Resp: 74219
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9

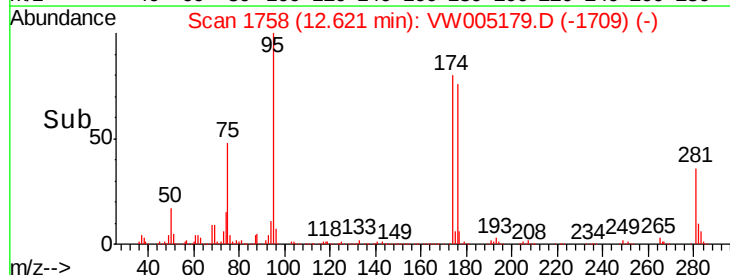
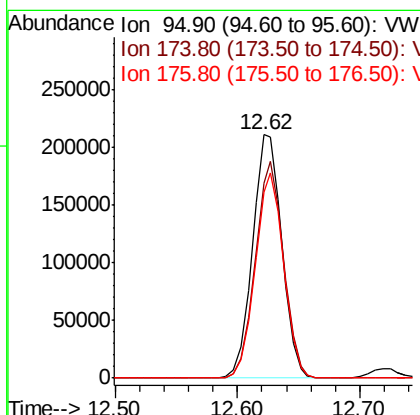
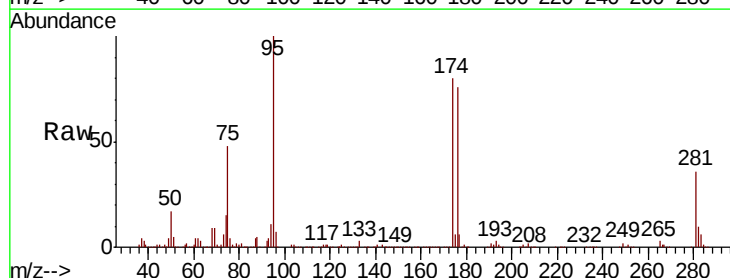
Manual Integrations
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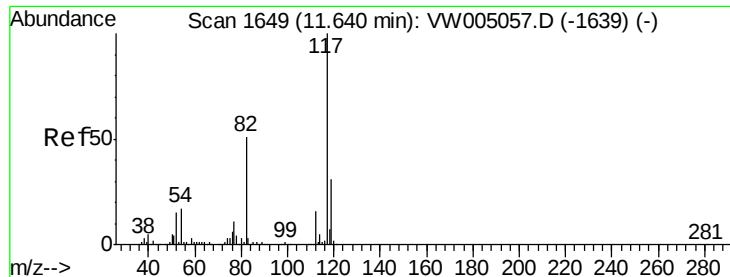
apatel
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#62
 4-Bromofluorobenzene
 Concen: 56.88 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion: 95 Resp: 351043
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 173.4
 176 81.8 0.0 167.4





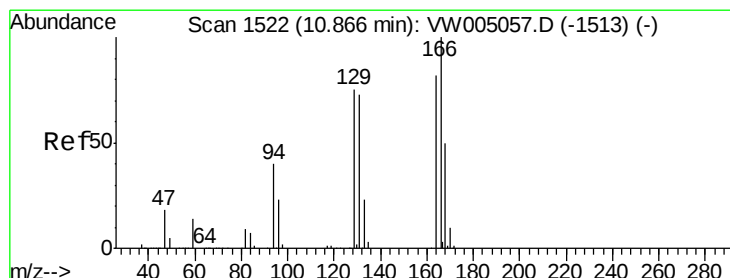
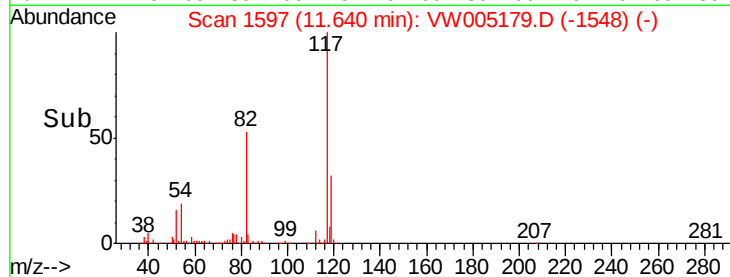
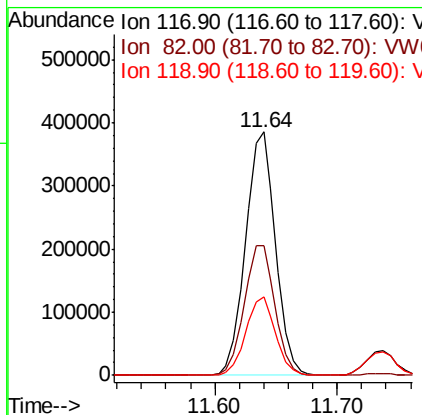
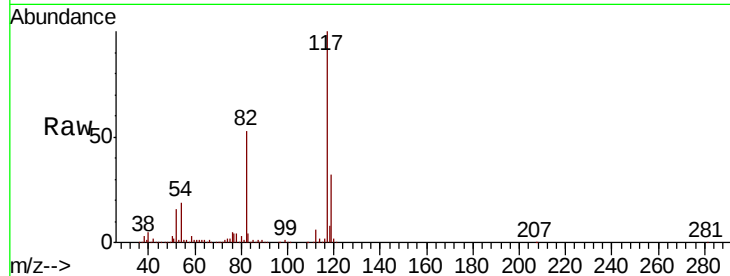
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.9	61.3
119	32.4	24.9	37.3

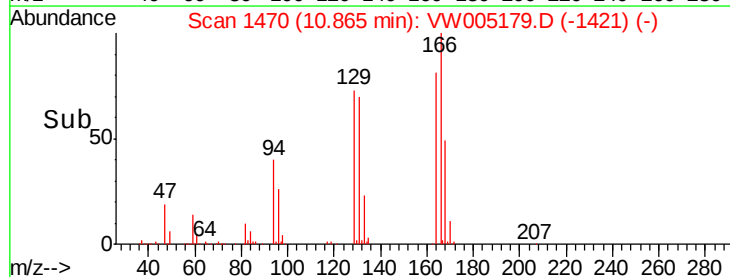
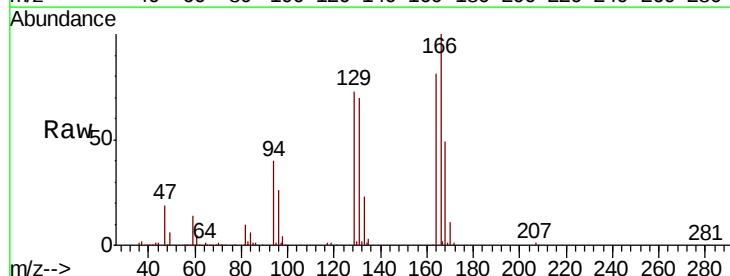
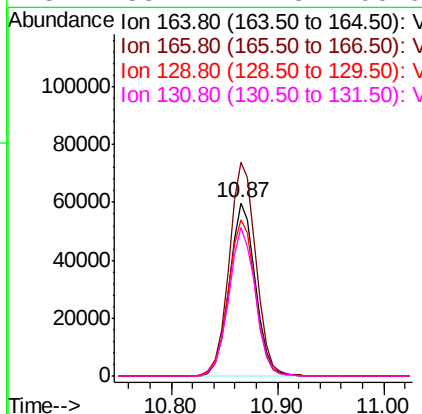
Manual Integrations
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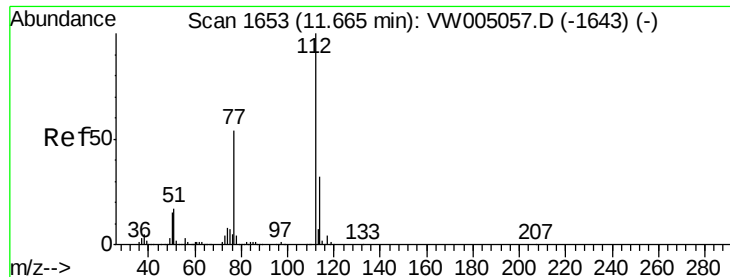
apatel
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#64
Tetrachloroethene
Concen: 19.84 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	97.3	145.9
129	90.3	73.1	109.7
131	85.7	71.3	106.9





#65

Chlorobenzene

Concen: 20.50 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion:112 Resp: 302148

Ion Ratio Lower Upper

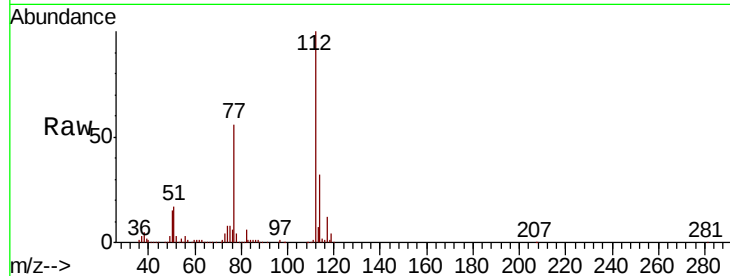
112 100

114 31.6 26.0 39.0

Manual Integrations
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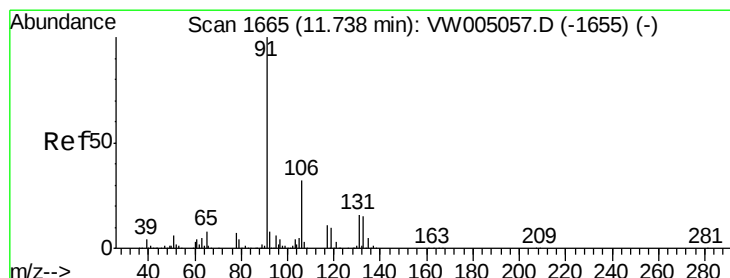
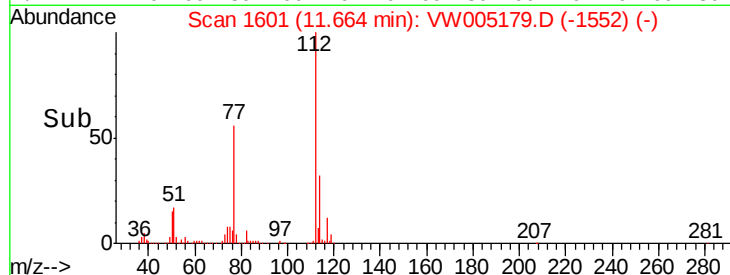
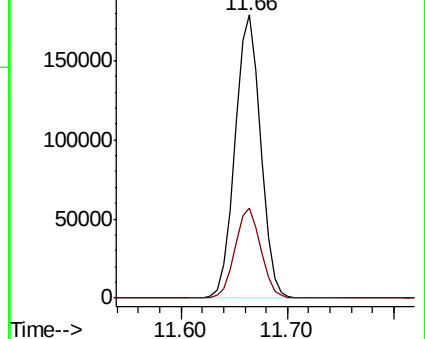
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.97 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

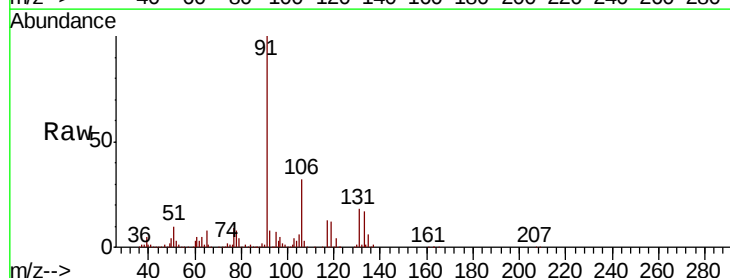
Tgt Ion:131 Resp: 94459

Ion Ratio Lower Upper

131 100

133 96.5 47.4 142.3

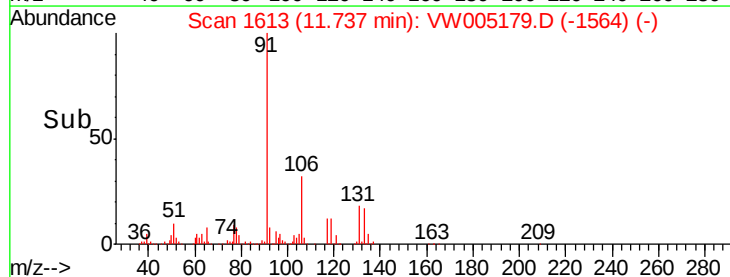
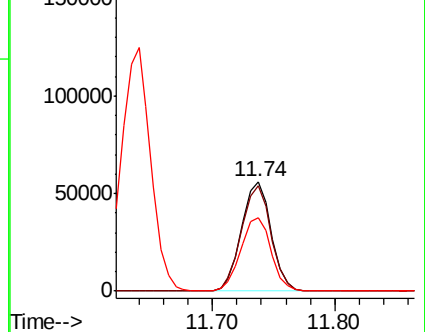
119 68.6 33.4 100.1

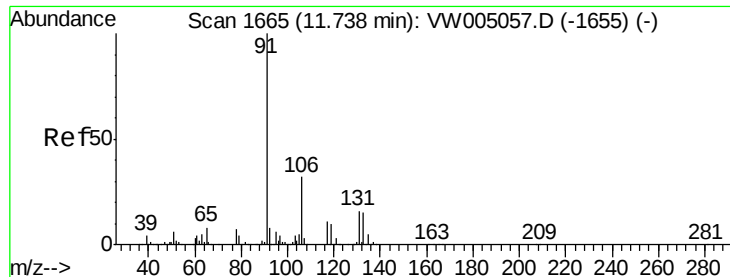


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





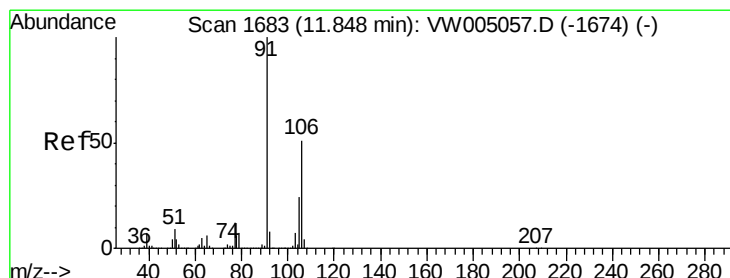
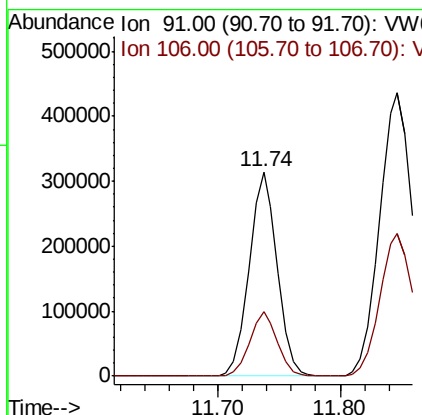
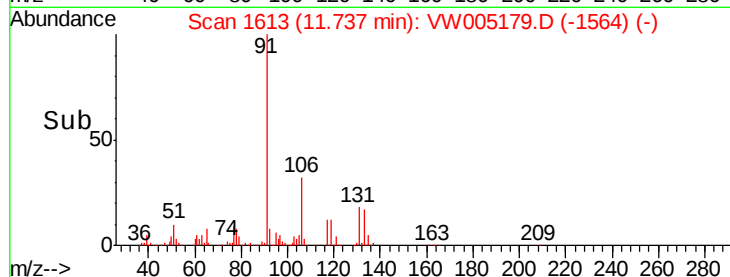
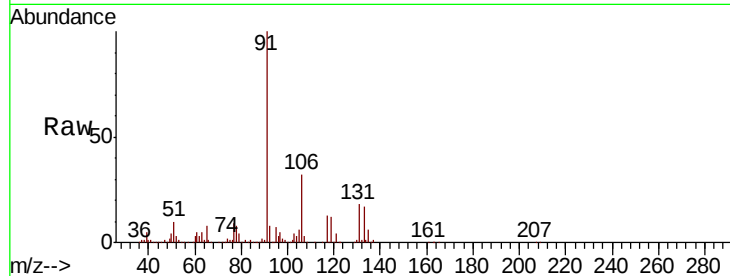
#67
Ethyl Benzene
Concen: 20.04 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion: 91 Resp: 499427
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

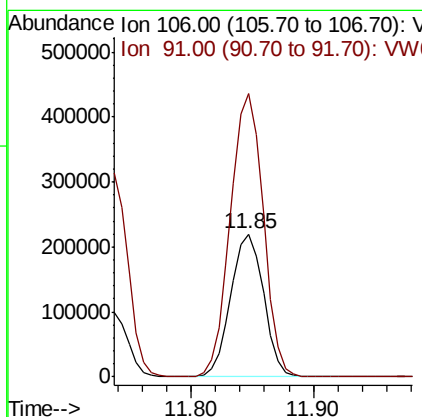
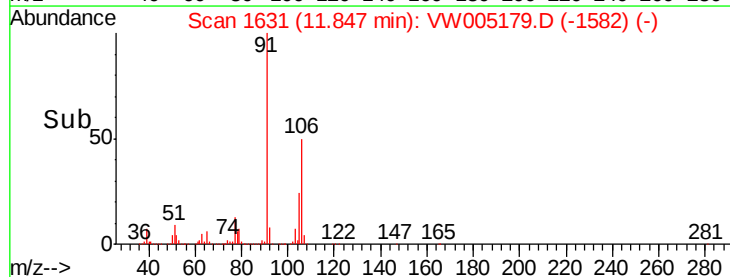
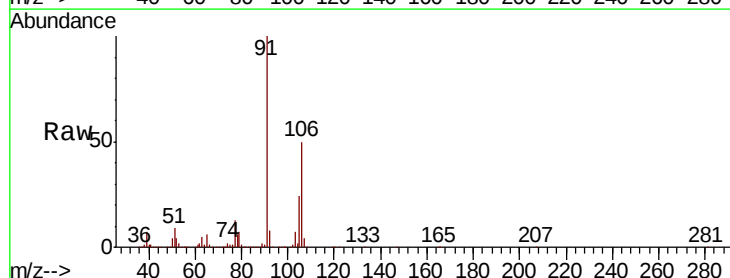
Manual Integrations
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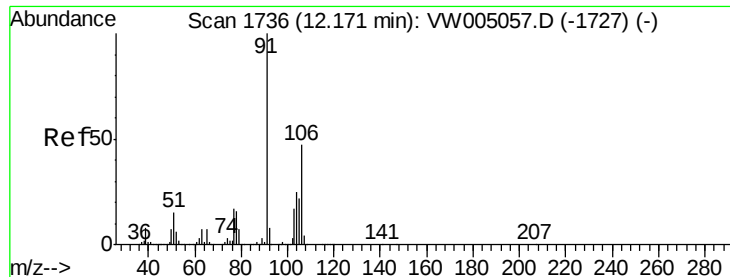
apatel
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#68
m/p-Xylenes
Concen: 41.09 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion: 106 Resp: 409963
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6





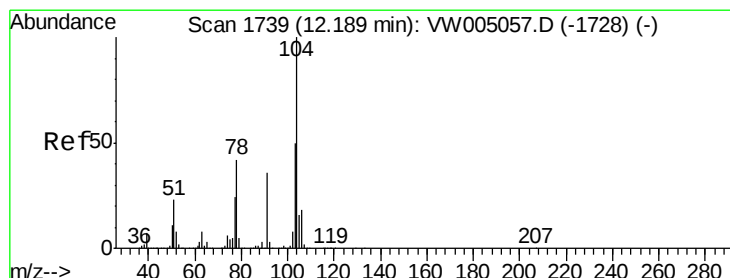
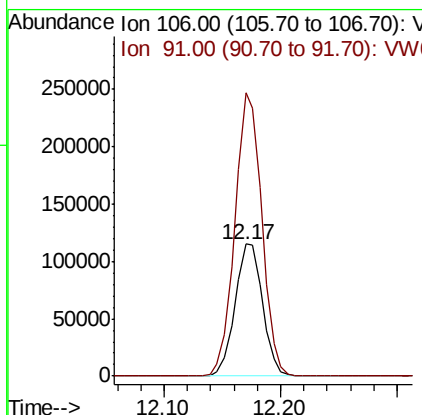
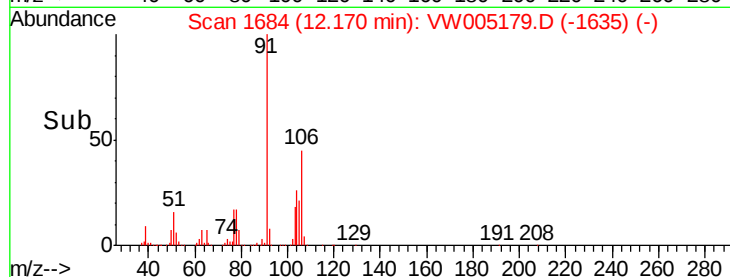
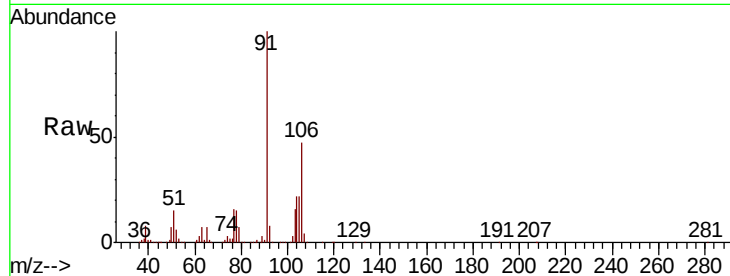
#69
o-Xylene
Concen: 20.62 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampled :
VW0906SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	105.6	316.8

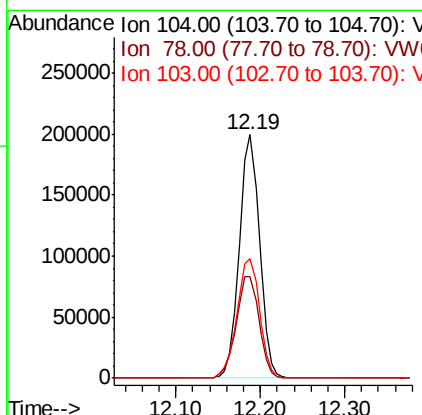
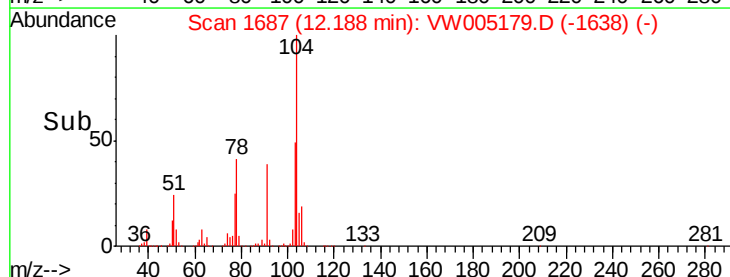
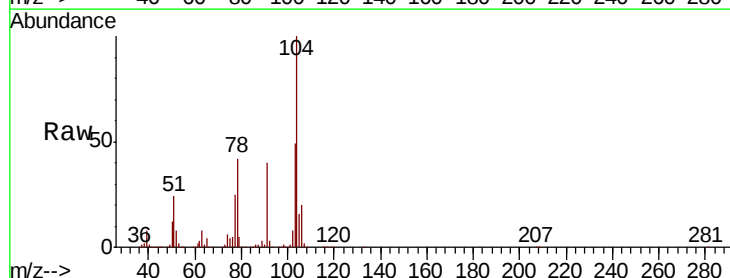
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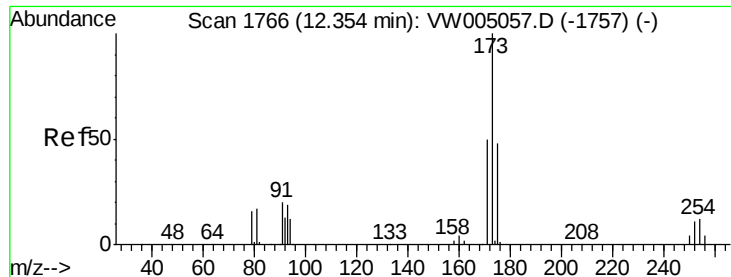
apatel
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#70
Styrene
Concen: 21.05 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.8	56.6
103	55.0	44.1	66.1





#71

Bromoform

Concen: 22.72 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

Tot Ion:173 Resp: 54238

Ion Ratio Lower Upper

173 100

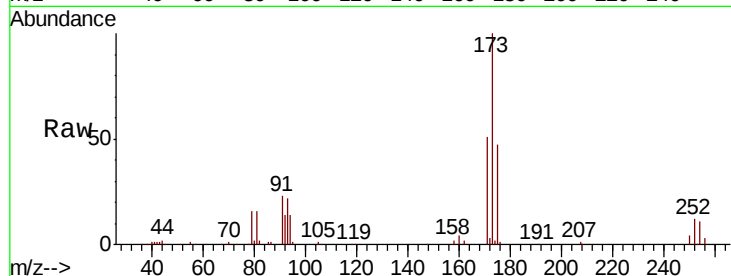
175 48.5 24.1 72.2

254 0.0 0.2 0.2#

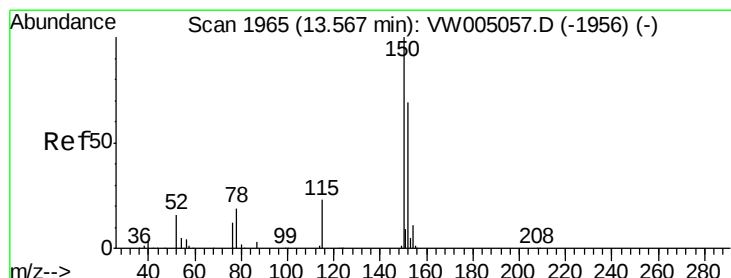
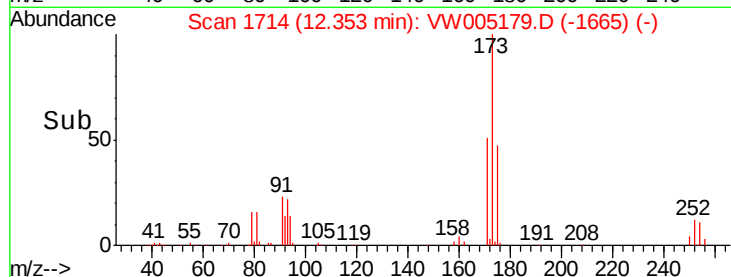
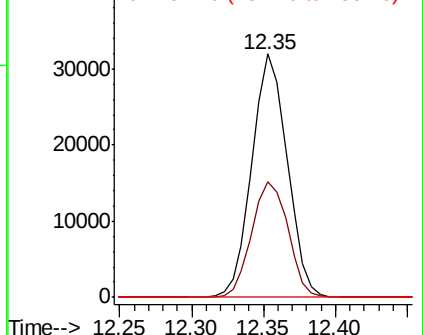
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

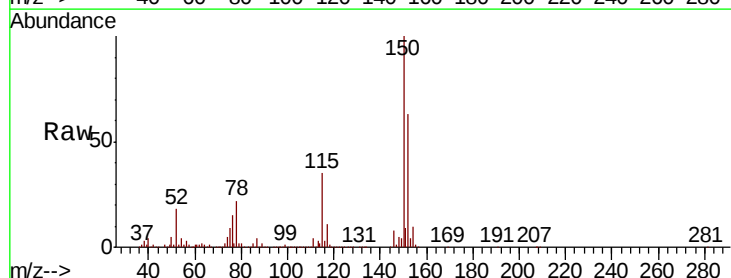
Tgt Ion:152 Resp: 366576

Ion Ratio Lower Upper

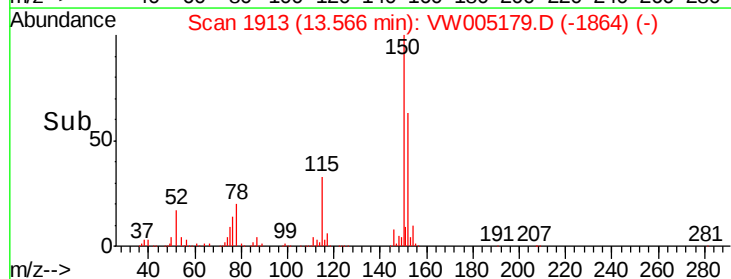
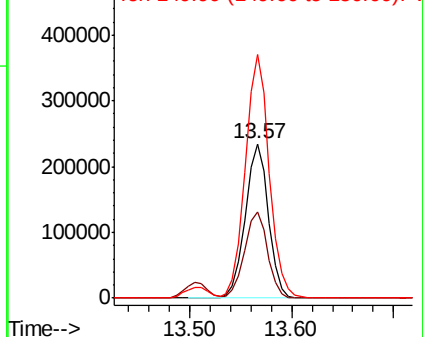
152 100

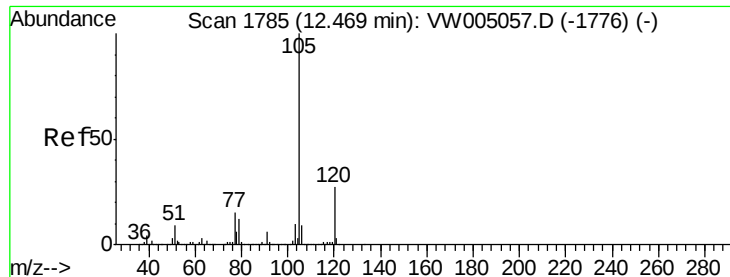
115 56.2 27.8 83.4

150 164.4 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: 19.49 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampled :

VW0906SBSD01

Tot Ion: 105 Resp: 503778

Ion Ratio Lower Upper

105 100

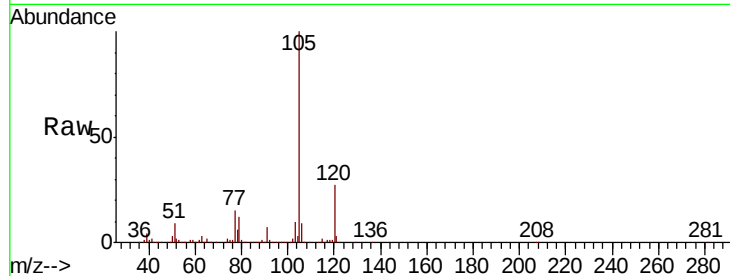
120 26.7 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

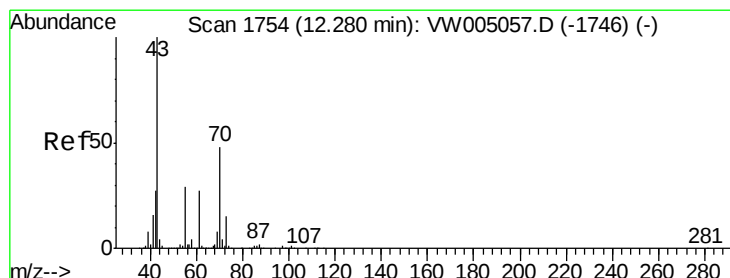
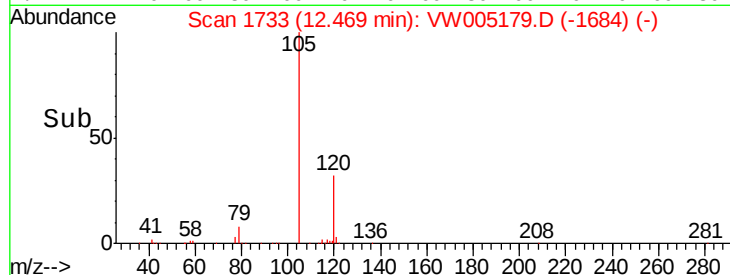
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 24.64 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion: 43 Resp: 109684

Ion Ratio Lower Upper

43 100

70 46.5 38.2 57.4

55 28.7 23.2 34.8

61 25.2 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

100000

80000

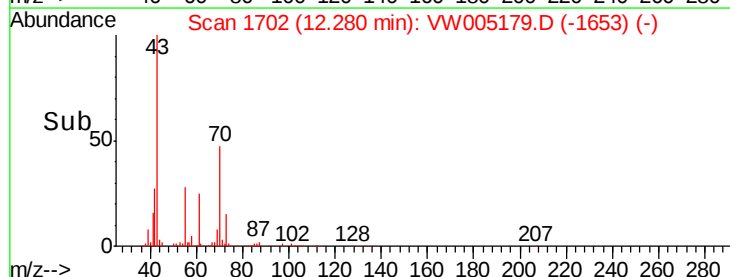
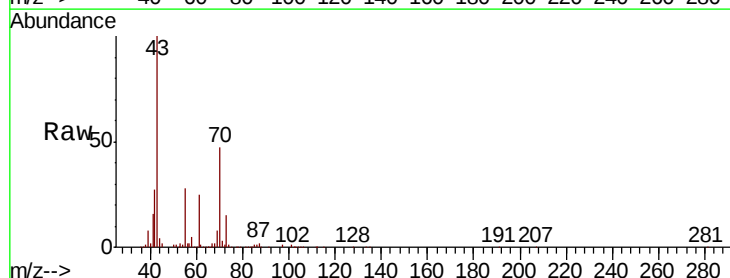
60000

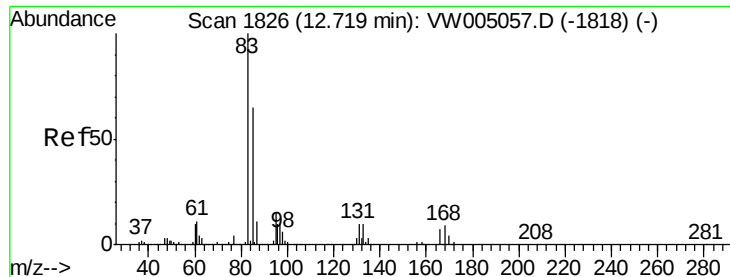
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.93 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

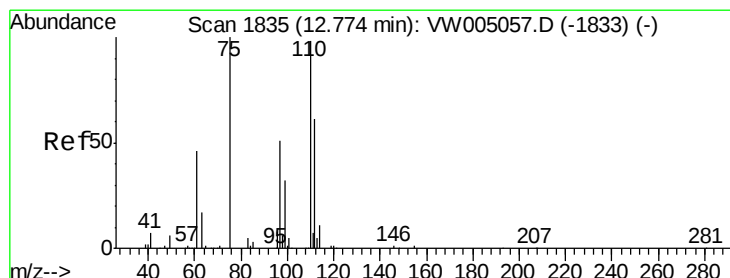
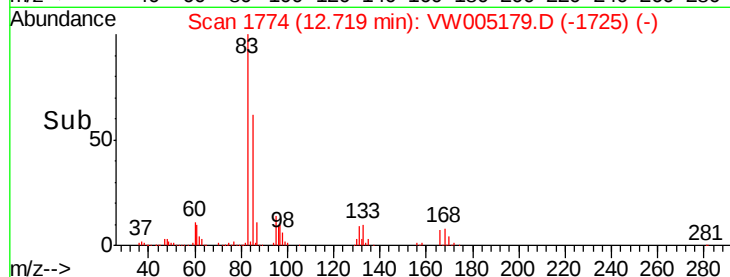
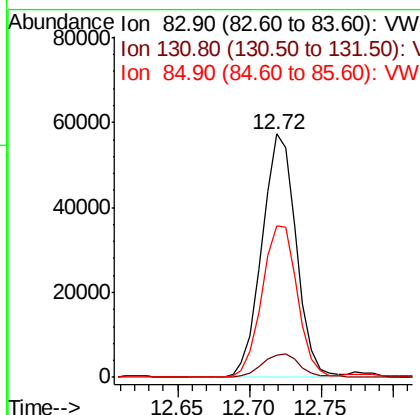
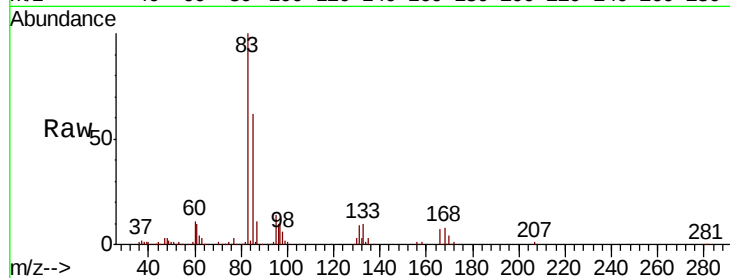
ClientSampleId :

VW0906SBSD01

Tot Ion:	83	Resp:	94158
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.81 ug/l m

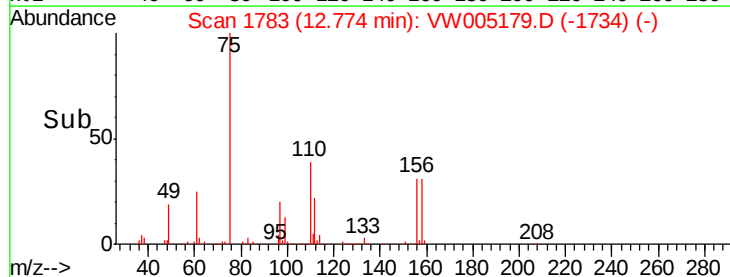
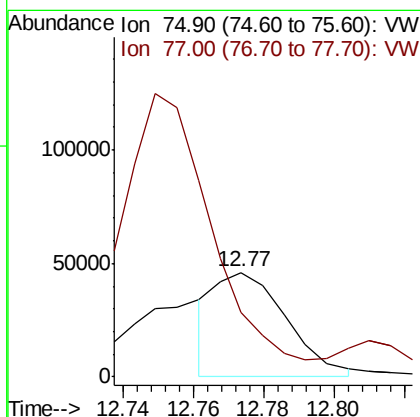
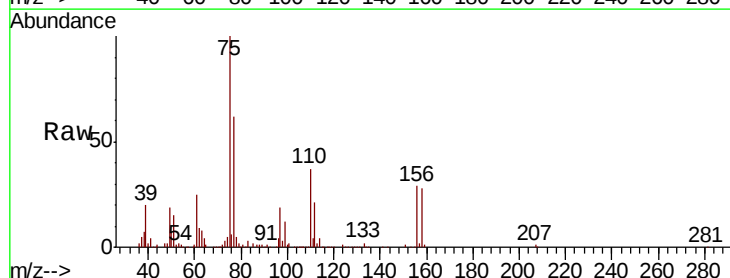
RT: 12.77 min Scan# 1783

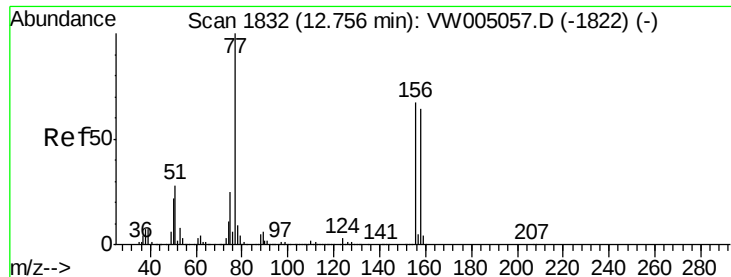
Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	75	Resp:	65515
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.91 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 156 Resp: 126779

Ion Ratio Lower Upper

156 100

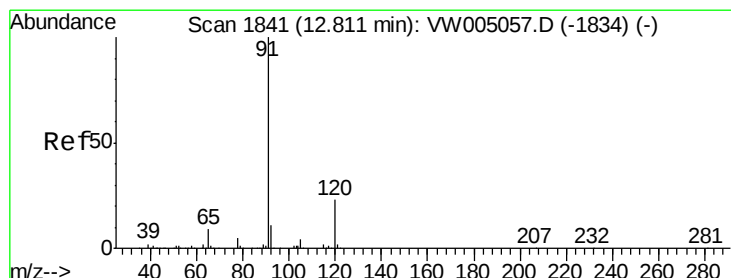
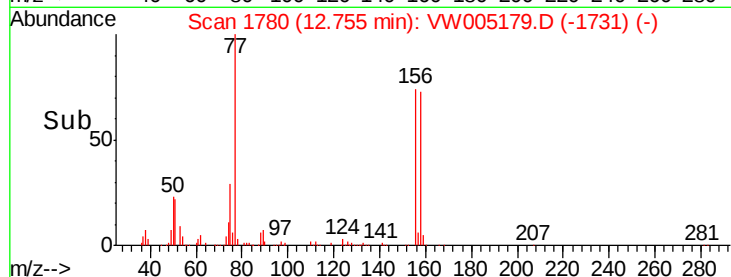
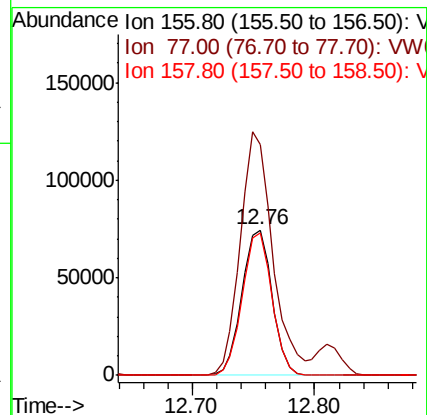
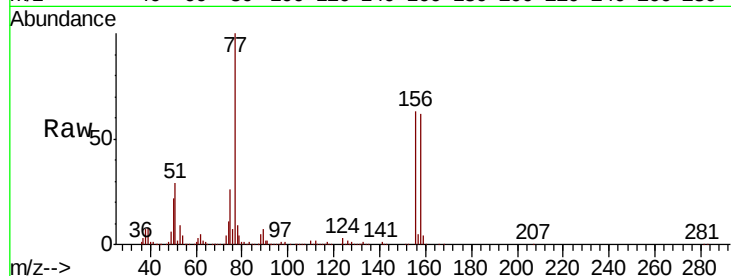
77 180.3 85.8 257.4

158 97.0 48.1 144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.08 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005179.D

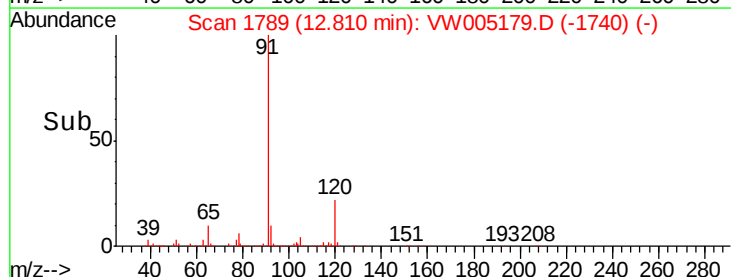
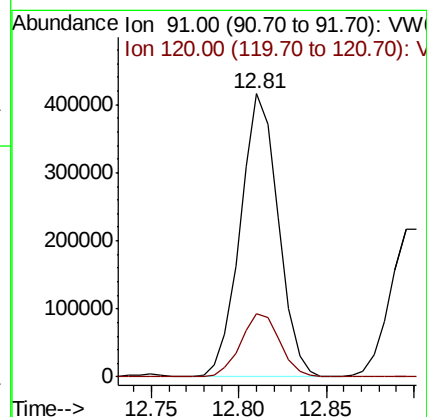
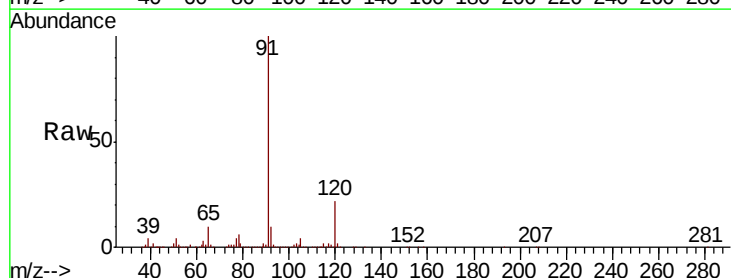
Acq: 06 Sep 2018 21:49

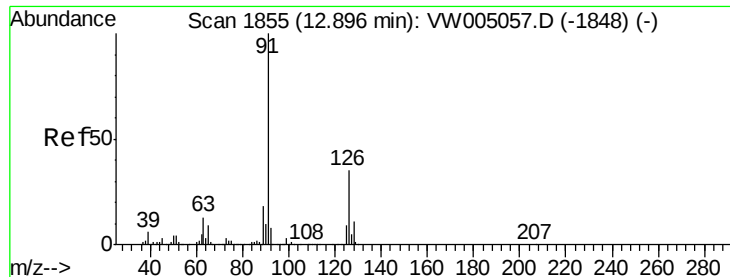
Tgt Ion: 91 Resp: 626476

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3





#79

2-Chlorotoluene

Concen: 19.89 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 91 Resp: 362170

Ion Ratio Lower Upper

91 100

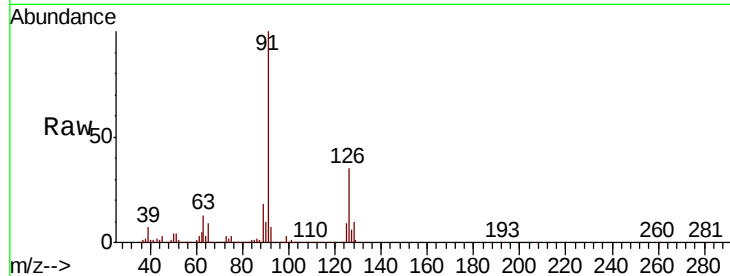
126 34.6 17.3 52.0

Manual Integrations

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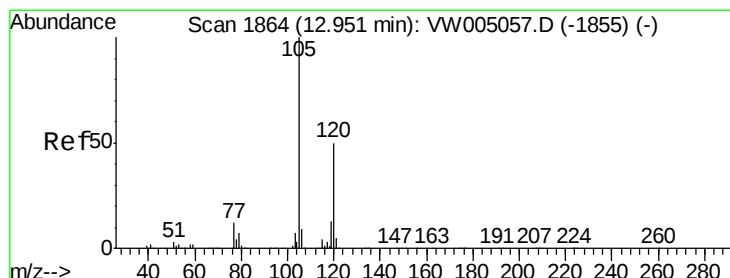
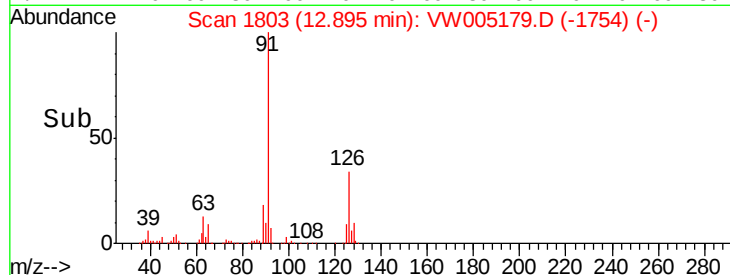
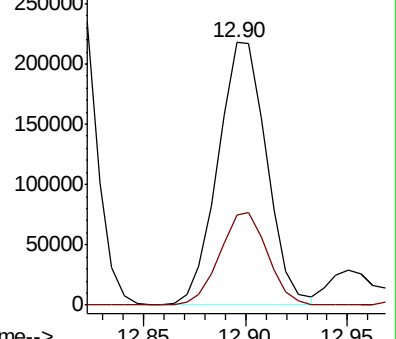
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.86 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005179.D

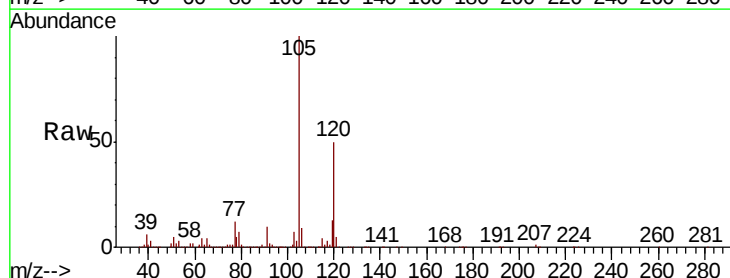
Acq: 06 Sep 2018 21:49

Tgt Ion: 105 Resp: 443929

Ion Ratio Lower Upper

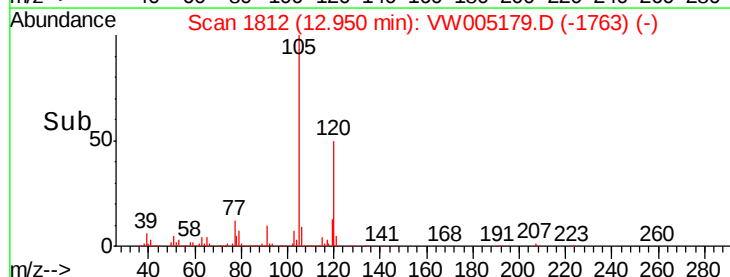
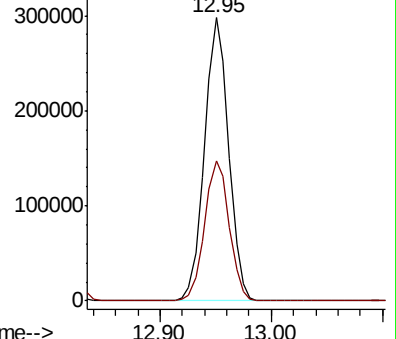
105 100

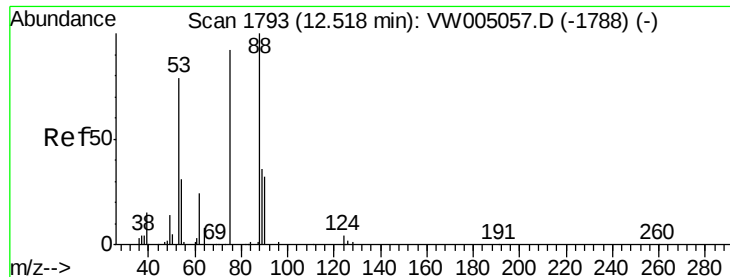
120 50.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





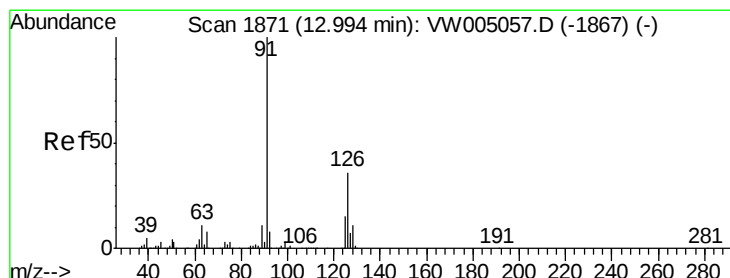
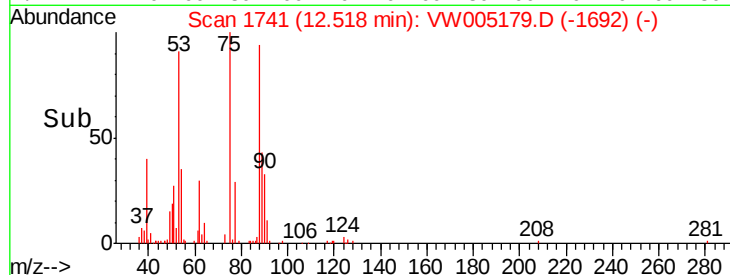
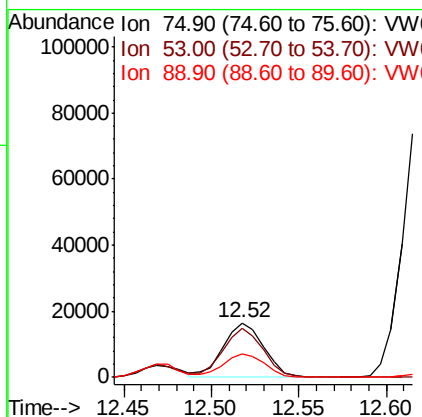
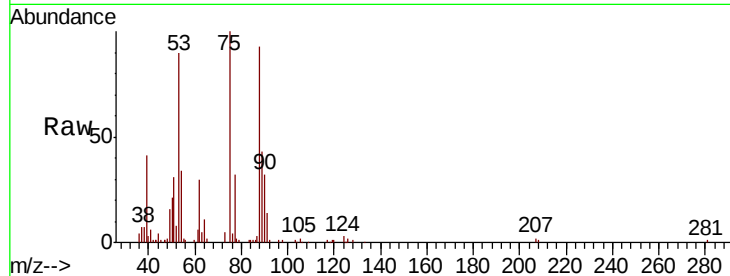
#81
trans-1,4-Dichloro-2-butene
Concen: 22.92 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	69.8	104.8
89	44.4	36.0	54.0

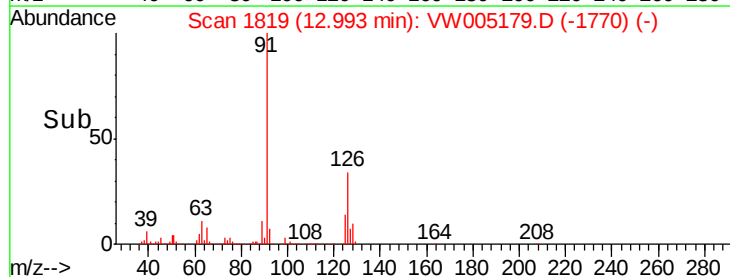
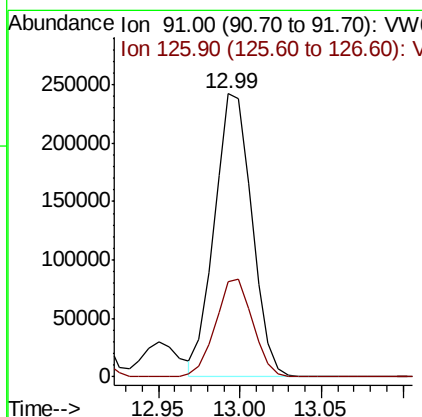
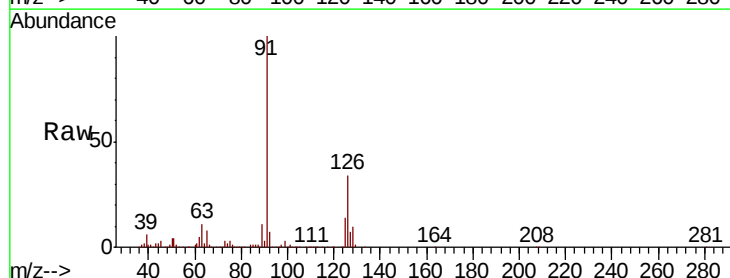
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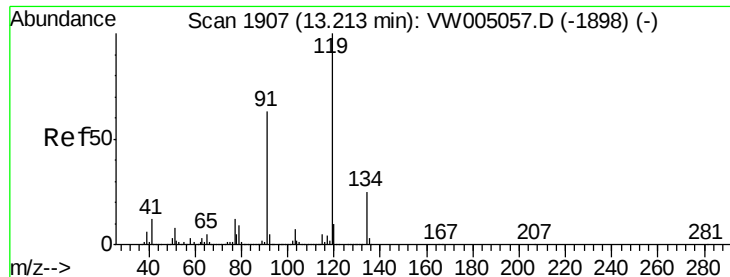
apatel
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#82
4-Chlorotoluene
Concen: 20.12 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.4	52.3





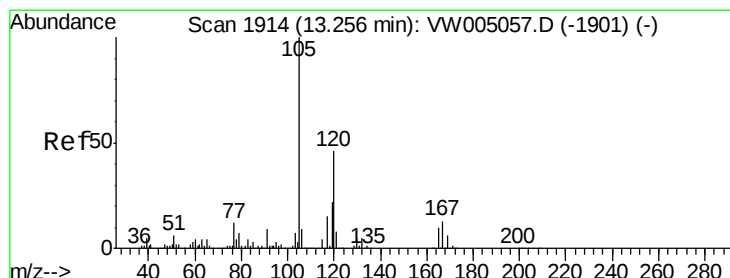
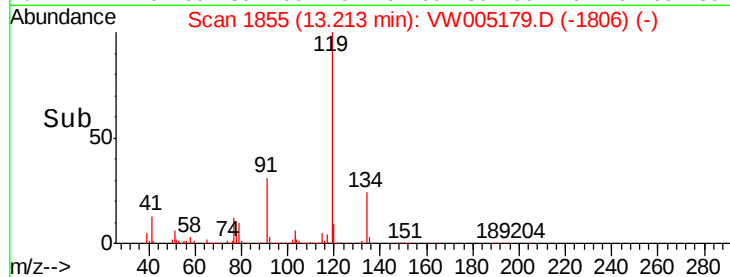
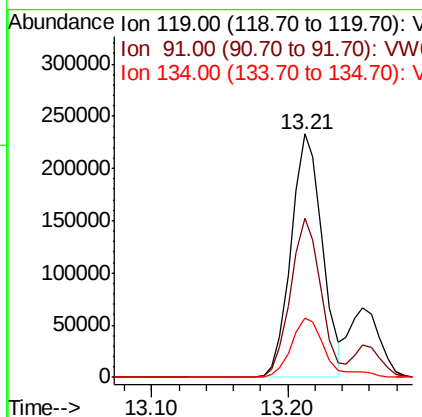
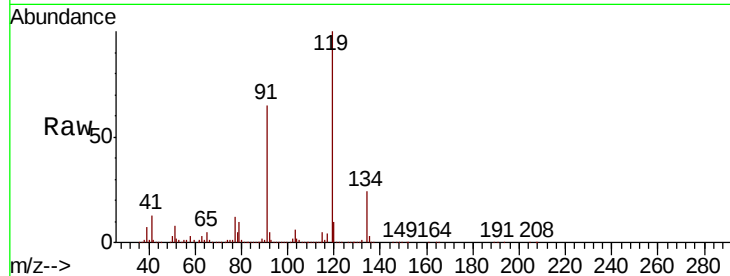
#83
tert-Butylbenzene
Concen: 19.80 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	31.8	95.4
134	26.3	13.0	39.0

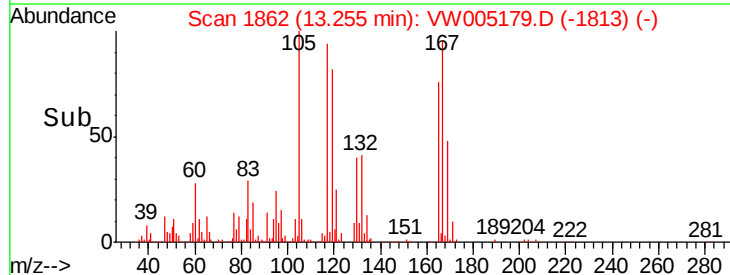
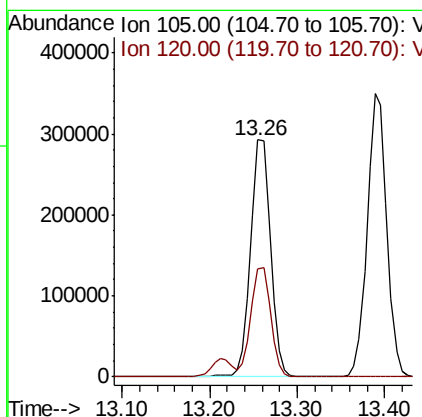
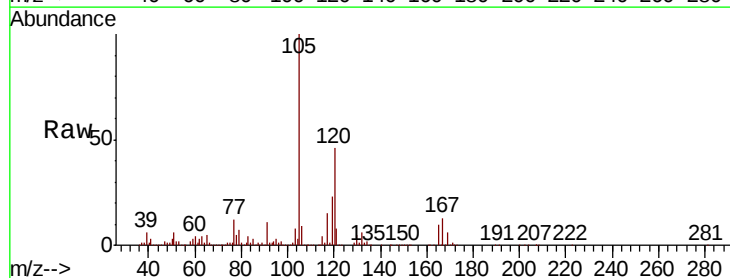
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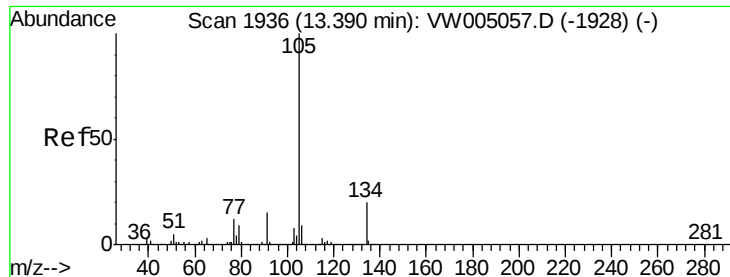
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.23 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005179.D
Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





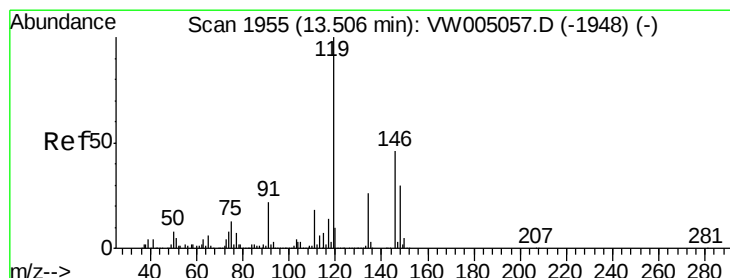
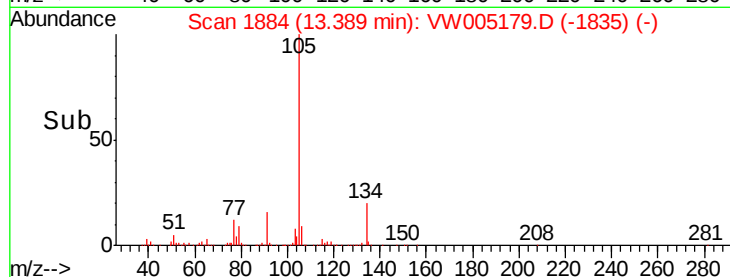
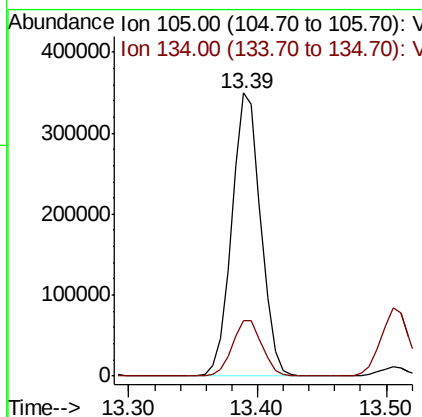
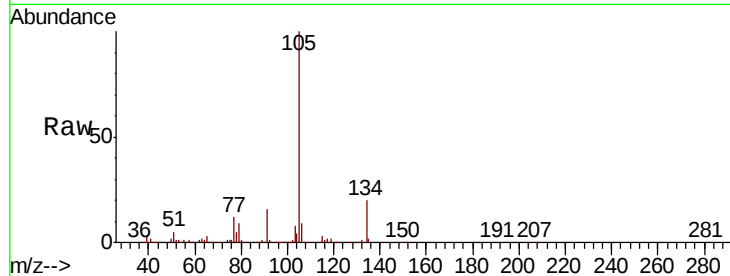
#85
 sec-Butylbenzene
 Concen: 19.78 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

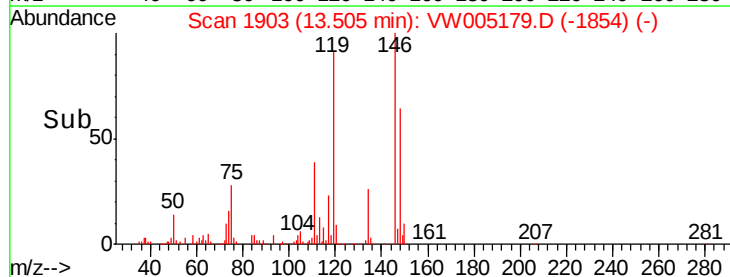
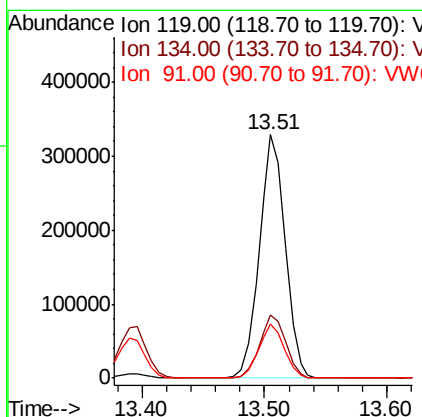
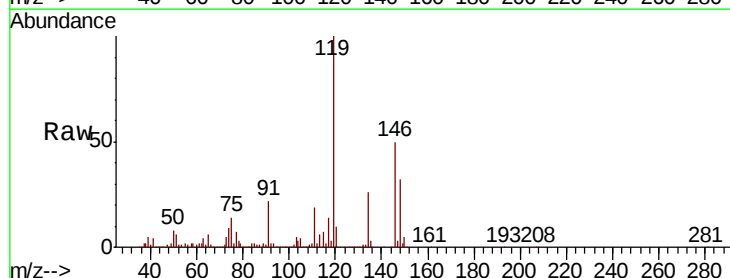
Manual Integrations
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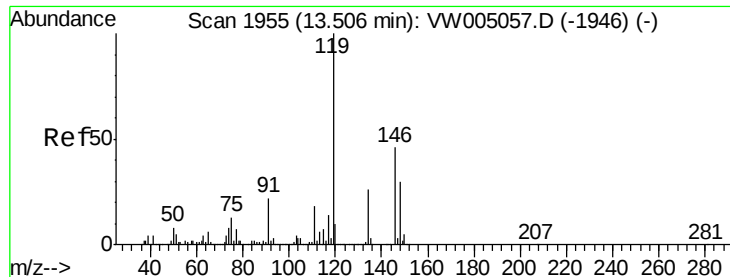
apatel
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#86
 p-Isopropyltoluene
 Concen: 19.94 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.8
91	21.9	10.9	32.9





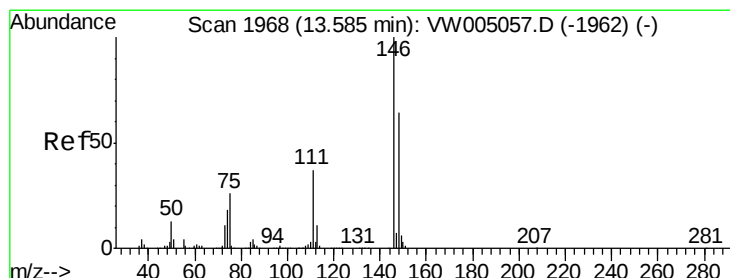
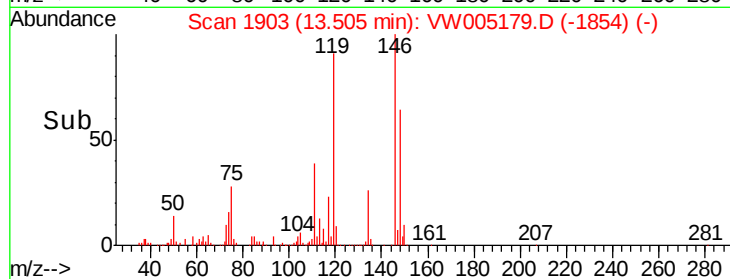
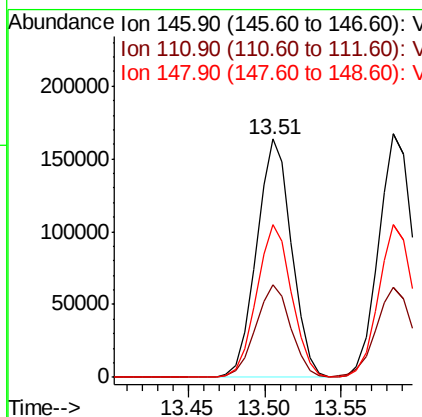
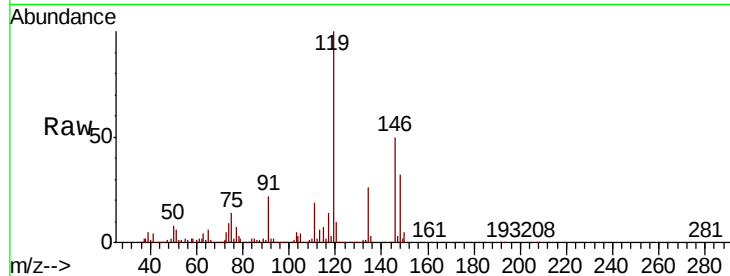
#87
 1,3-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259998		
111	39.0	19.2	57.6	
148	64.3	31.9	95.7	

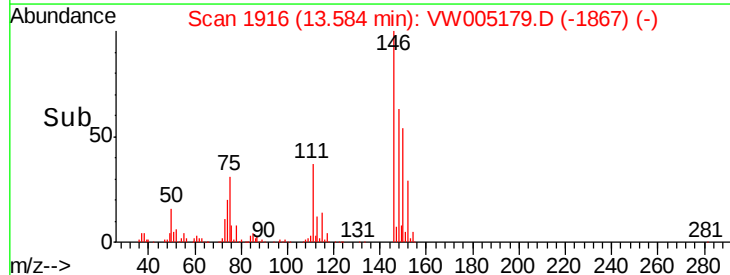
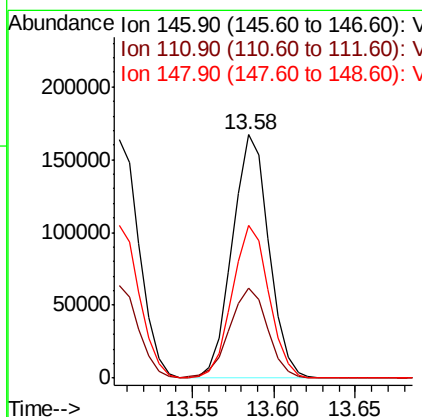
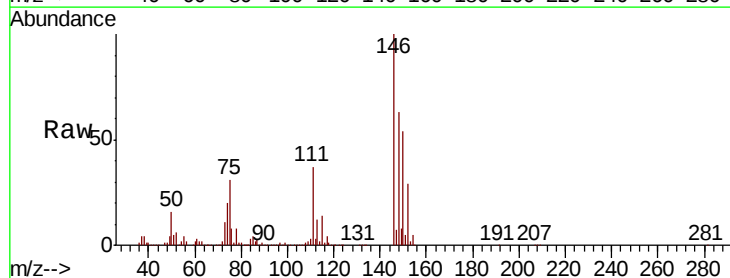
Manual Integrations
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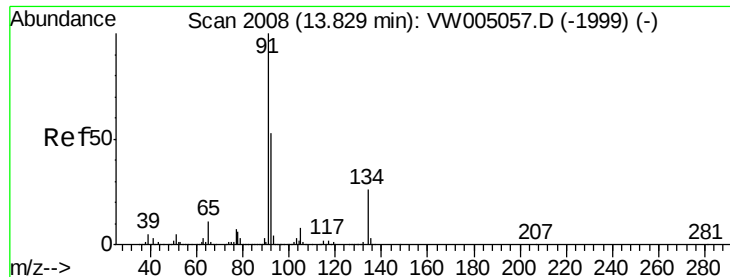
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.12 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	261130		
111	38.6	18.6	56.0	
148	62.9	32.0	96.0	





#89

n-Butylbenzene

Concen: 19.94 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

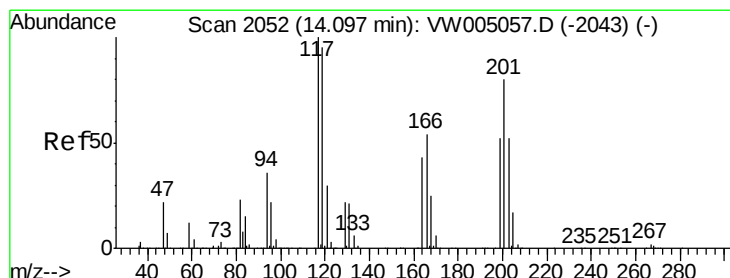
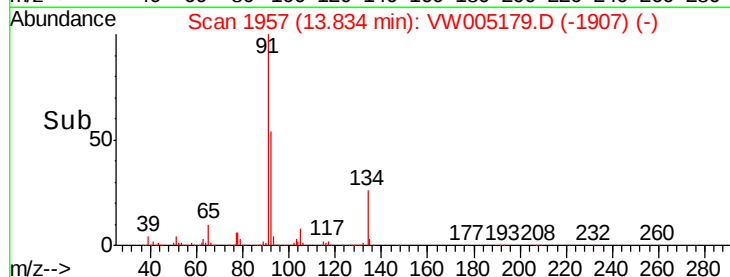
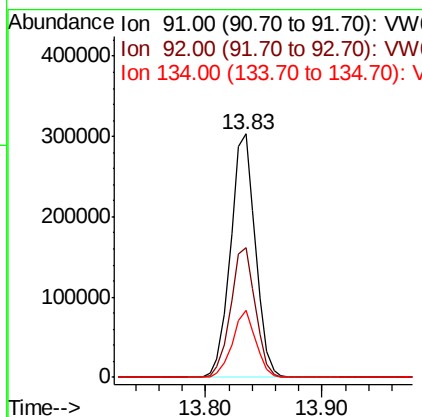
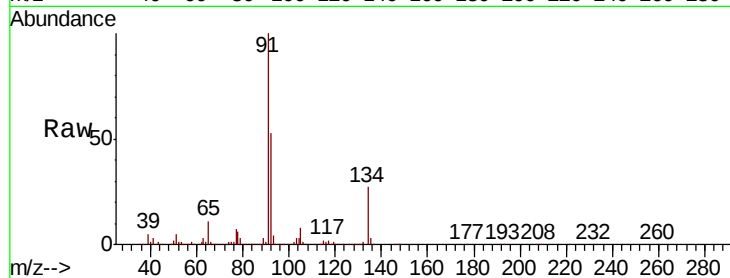
ClientSampleId :

VW0906SBSD01

Tot Ion:	91	Resp:	448796
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	26.0	13.5	40.4

Manual Integrations
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#90

Hexachloroethane

Concen: 19.52 ug/l

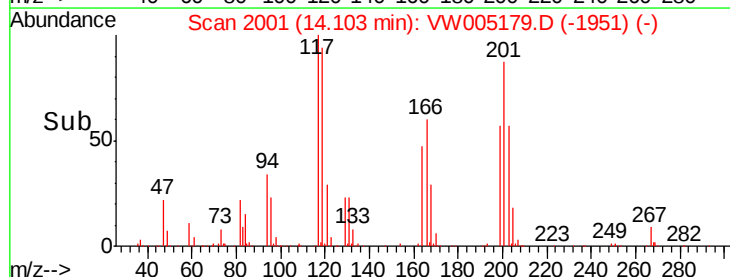
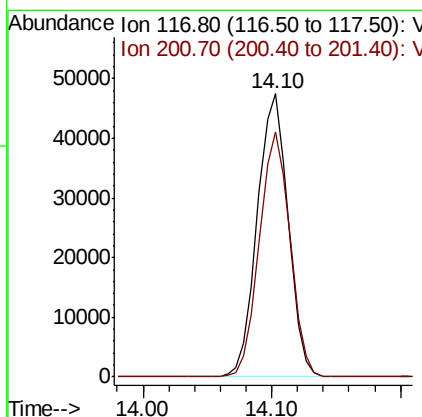
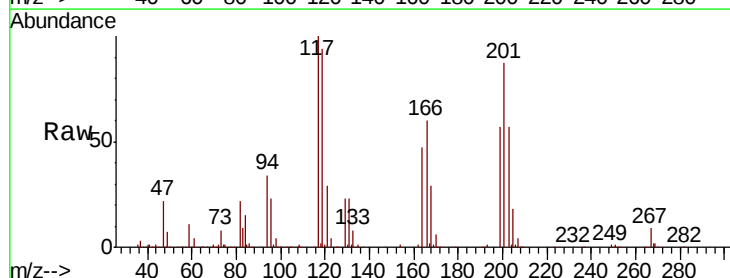
RT: 14.10 min Scan# 2001

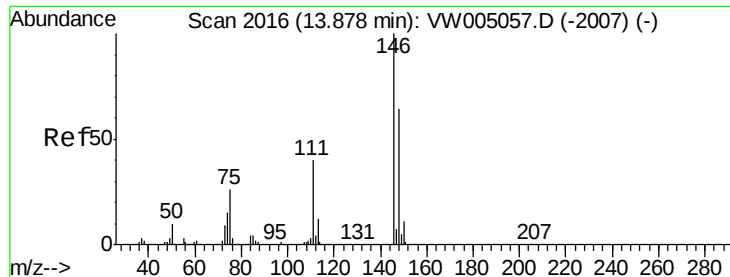
Delta R.T. 0.01 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	117	Resp:	78742
Ion	Ratio	Lower	Upper
117	100		
201	86.1	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 20.63 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

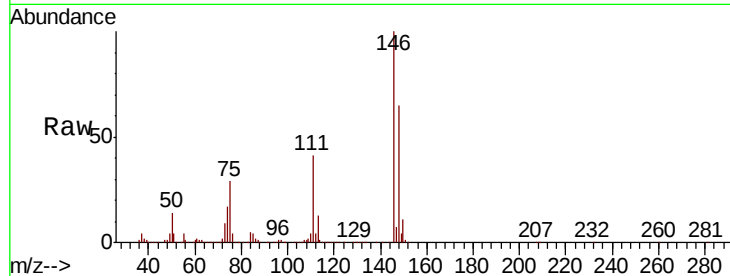
ClientSampleId :

VW0906SBSD01

Tot Ion:	146	Resp:	235182
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.9	59.7
148	63.8	31.9	95.9

Manual Integrations
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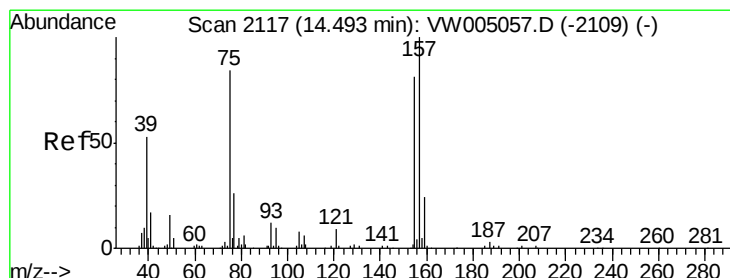
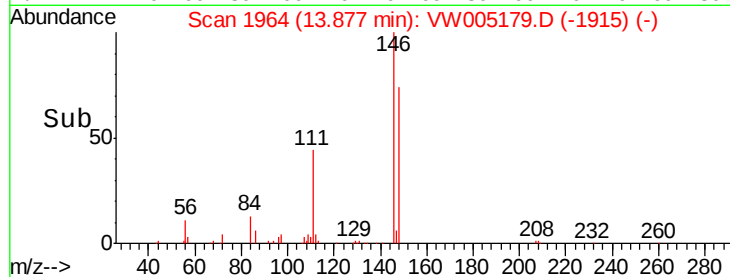
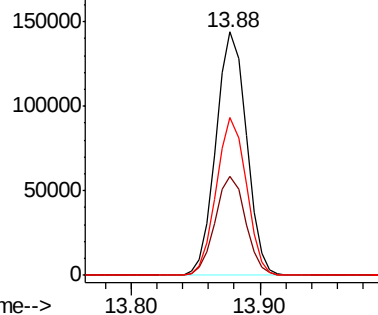


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.80 ug/l

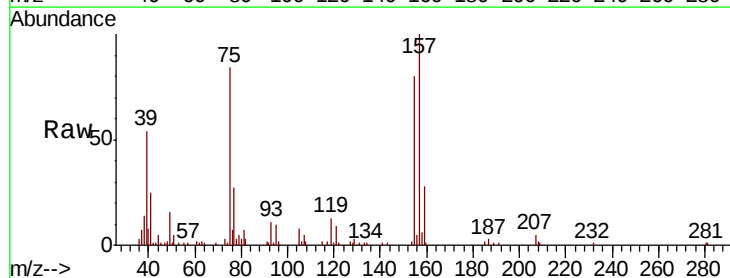
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	75	Resp:	14636
Ion Ratio	Lower	Upper	
75	100		
155	91.5	46.0	137.8
157	119.4	58.6	175.7

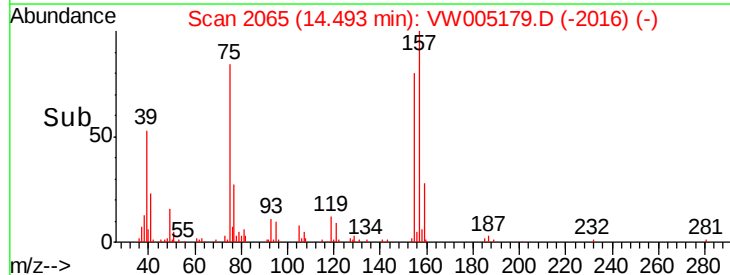
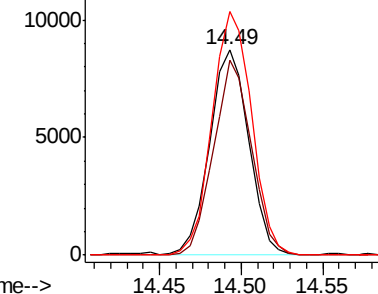


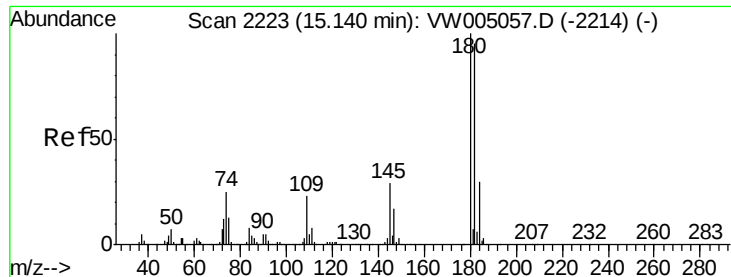
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





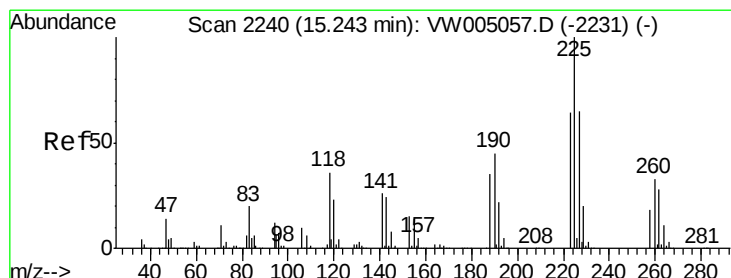
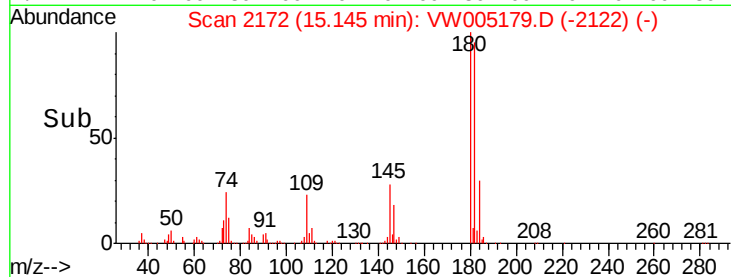
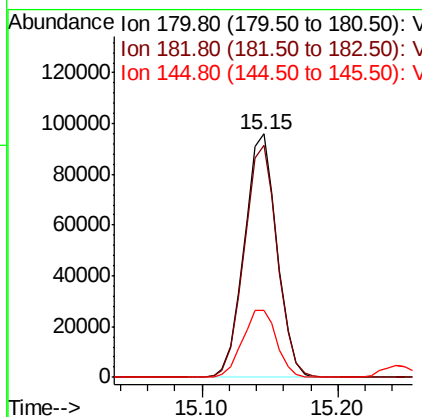
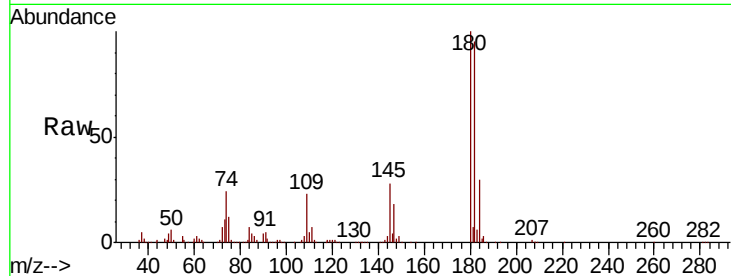
#93
 1,2,4-Trichlorobenzene
 Concen: 21.01 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160636		
182	96.7	47.5	142.6	
145	29.0	14.4	43.2	

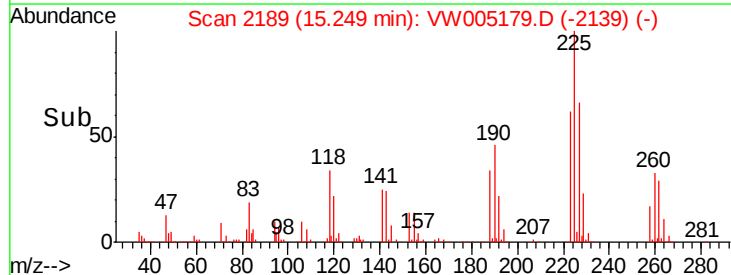
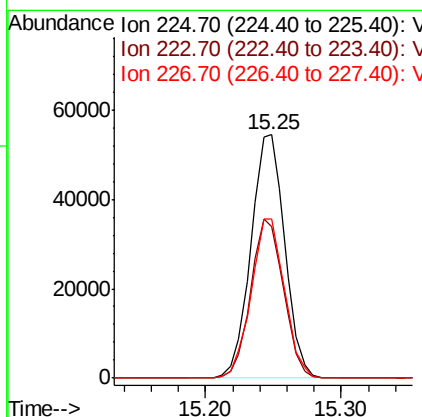
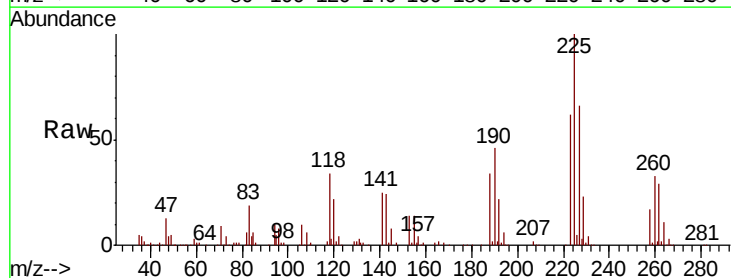
Manual Integrations
 APPROVED

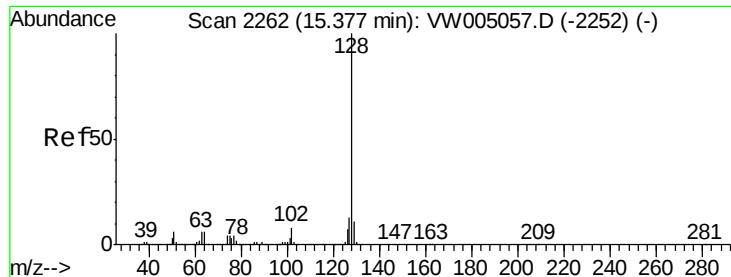
apatel
 9/7/2018 12:29:19 PM



#94
 Hexachlorobutadiene
 Concen: 19.96 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005179.D
 Acq: 06 Sep 2018 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94932		
223	63.7	31.4	94.3	
227	64.6	32.0	96.0	





#95

Naphthalene

Concen: 23.67 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Instrument :

MSVOA_W

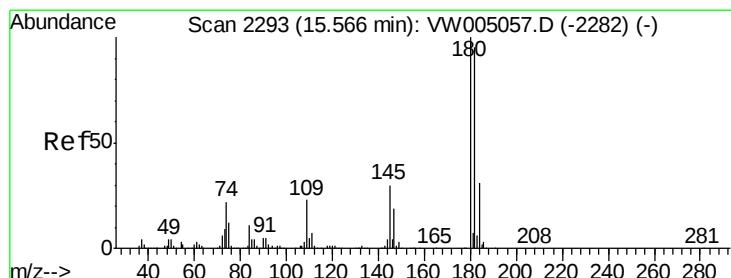
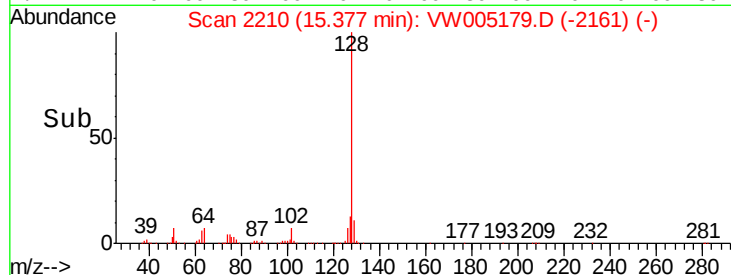
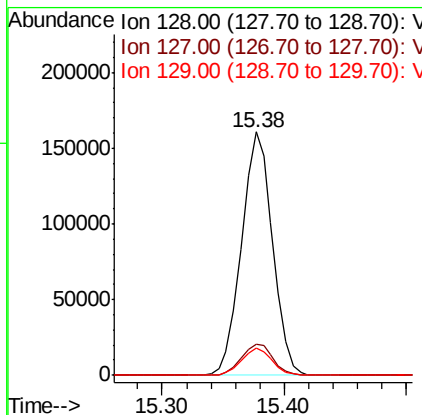
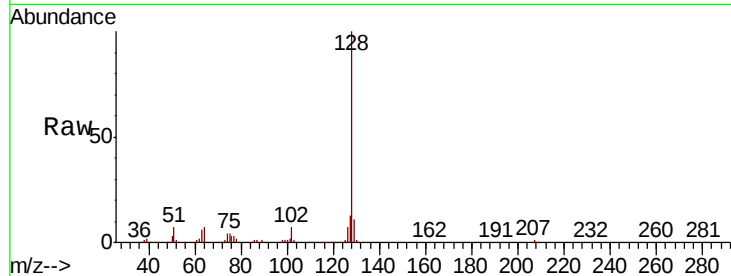
ClientSampleId :

VW0906SBSD01

Tot Ion:	128	Resp:	282809
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
9/7/2018 12:29:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.33 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005179.D

Acq: 06 Sep 2018 21:49

Tgt Ion:	180	Resp:	146087
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.4	142.3
145	30.4	15.4	46.1

