

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005058.D
 Acq On : 01 Sep 2018 01:29
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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 9/4/2018 9:37:08 AM

Quant Time: Sep 01 03:24:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	506423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	730015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	716675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	381837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	278849	78.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.70%	
35) Dibromofluoromethane	7.89	113	290210	78.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.30%	
50) Toluene-d8	10.33	98	1399097	70.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.46%	
62) 4-Bromofluorobenzene	12.62	95	497268	68.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	255660	58.74	ug/l	98
3) Chloromethane	2.22	50	392835	63.08	ug/l	99
4) Vinyl Chloride	2.36	62	388467	62.72	ug/l	99
5) Bromomethane	2.77	94	255023	62.57	ug/l	99
6) Chloroethane	2.92	64	240973	65.10	ug/l	99
7) Trichlorofluoromethane	3.26	101	431589	67.20	ug/l	99
8) Diethyl Ether	3.69	74	157714	82.74	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	290827	71.96	ug/l	99
10) Methyl Iodide	4.28	142	475892	85.92	ug/l	100
11) Tert butyl alcohol	5.18	59	97395	375.82	ug/l	98
12) 1,1-Dichloroethene	4.04	96	280580	74.61	ug/l	98
13) Acrolein	3.90	56	98618	342.05	ug/l	99
14) Allyl chloride	4.68	41	456450	78.47	ug/l	99
15) Acrylonitrile	5.38	53	358029	380.26	ug/l	100
16) Acetone	4.14	43	289096	364.31	ug/l	95
17) Carbon Disulfide	4.39	76	992242	64.51	ug/l	99
18) Methyl Acetate	4.68	43	168454	85.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	729375	88.19	ug/l	100
20) Methylene Chloride	4.93	84	393224	59.25	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	337433	80.95	ug/l	98
22) Diisopropyl ether	6.32	45	980649	82.36	ug/l	97
23) Vinyl Acetate	6.26	43	2646914	431.82	ug/l	100
24) 1,1-Dichloroethane	6.23	63	575229	79.34	ug/l	100
25) 2-Butanone	7.18	43	508229	405.20	ug/l	98
26) 2,2-Dichloropropane	7.18	77	448167	71.20	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	374577	82.18	ug/l	99
28) Bromochloromethane	7.52	49	224106	71.85	ug/l	100
29) Tetrahydrofuran	7.54	42	269518	421.14	ug/l	99
30) Chloroform	7.68	83	577567	80.35	ug/l	97
31) Cyclohexane	7.96	56	562619	74.58	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	505394	77.26	ug/l	99
36) 1,1-Dichloropropene	8.09	75	490088	77.96	ug/l	99
37) Ethyl Acetate	7.26	43	185968	80.81	ug/l	100
38) Carbon Tetrachloride	8.07	117	451026	73.79	ug/l	100

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Quant Time: Sep 01 03:24:29 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	626399	72.99	ug/l	98
40) Benzene	8.33	78	1506210	75.12	ug/l	99
41) Methacrylonitrile	7.49	41	102018	75.27	ug/l	91
42) 1,2-Dichloroethane	8.41	62	347188	76.22	ug/l	100
43) Isopropyl Acetate	8.43	43	347336	77.13	ug/l	99
44) Trichloroethene	9.10	130	400949	77.62	ug/l	96
45) 1,2-Dichloropropane	9.37	63	366567	79.25	ug/l	99
46) Dibromomethane	9.46	93	169567	76.59	ug/l	99
47) Bromodichloromethane	9.65	83	430819	78.65	ug/l	98
48) Methyl methacrylate	9.44	41	175187	75.00	ug/l	97
49) 1,4-Dioxane	9.46	88	61758	1383.25	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1213159	364.65	ug/l	99
52) Toluene	10.40	92	1050361	70.83	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	456779	79.61	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	550286	81.67	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	267703	74.87	ug/l	96
56) Ethyl methacrylate	10.65	69	350441	75.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	455180	77.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	821127	409.04	ug/l	99
59) 2-Hexanone	10.98	43	843699	352.81	ug/l	98
60) Dibromochloromethane	11.13	129	312147	79.66	ug/l	99
61) 1,2-Dibromoethane	11.24	107	247012	74.39	ug/l	99
64) Tetrachloroethene	10.87	164	403245	76.14	ug/l	98
65) Chlorobenzene	11.66	112	1156505	72.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	352028	80.01	ug/l	100
67) Ethyl Benzene	11.74	91	2034018	74.73	ug/l	99
68) m/p-Xylenes	11.85	106	1625469	146.95	ug/l	100
69) o-Xylene	12.17	106	758842	75.16	ug/l	98
70) Styrene	12.19	104	1272771	75.91	ug/l	99
71) Bromoform	12.35	173	189405	77.89	ug/l #	99
73) Isopropylbenzene	12.47	105	2032427	78.44	ug/l	99
74) N-amyl acetate	12.28	43	365657	76.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297062	76.39	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202583m	74.14	ug/l	
77) Bromobenzene	12.76	156	482821	76.00	ug/l	99
78) n-propylbenzene	12.81	91	2452272	76.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	1395586	75.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1745912	76.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	93701	78.55	ug/l	95
82) 4-Chlorotoluene	12.99	91	1447702	73.99	ug/l	100
83) tert-Butylbenzene	13.21	119	1476371	77.01	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1780351	76.81	ug/l	100
85) sec-Butylbenzene	13.39	105	2132078	75.91	ug/l	100
86) p-Isopropyltoluene	13.51	119	1909080	75.95	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	969533	72.41	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	946135	71.39	ug/l	99
89) n-Butylbenzene	13.83	91	1760839	74.77	ug/l	100
90) Hexachloroethane	14.10	117	305578	77.02	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	851912	72.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46403	69.61	ug/l	99

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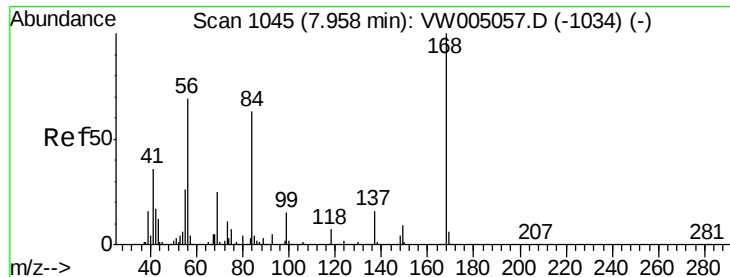
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	589516	71.83	ug/l	99
94) Hexachlorobutadiene	15.24	225	349511	68.13	ug/l	99
95) Naphthalene	15.38	128	994613	74.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505610	70.02	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:168 Resp: 506423

Ion Ratio Lower Upper

168 100

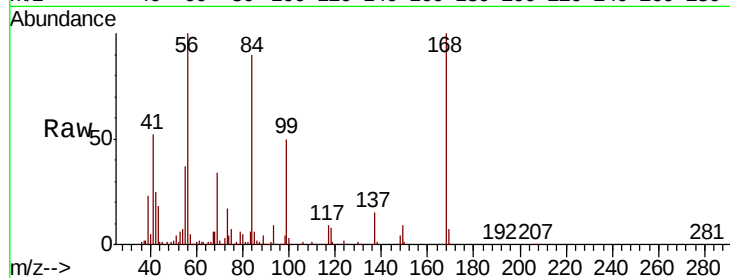
99 50.4 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

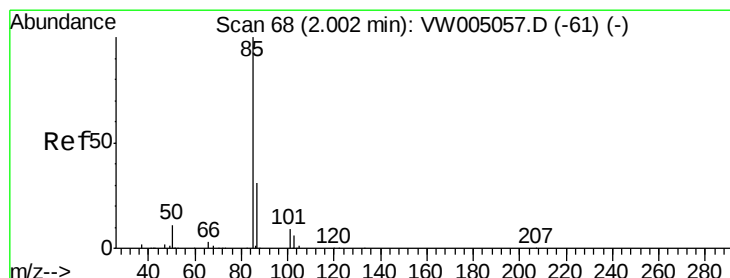
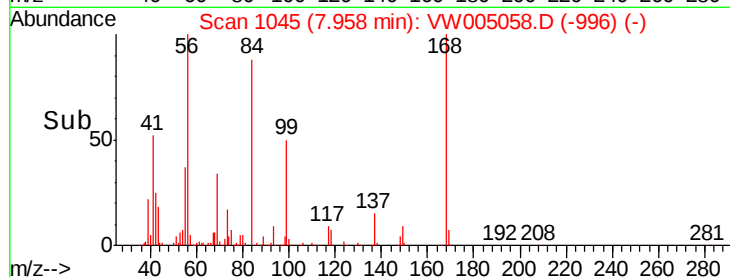
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 58.74 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005058.D

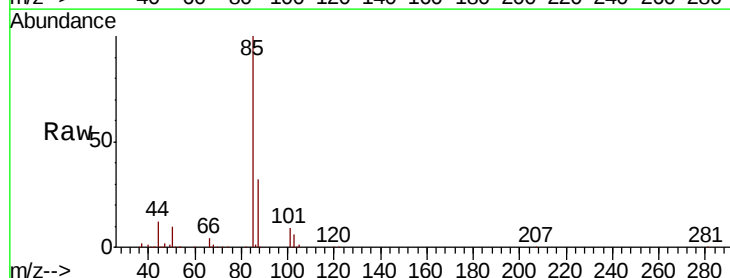
Acq: 01 Sep 2018 01:29

Tgt Ion: 85 Resp: 255660

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

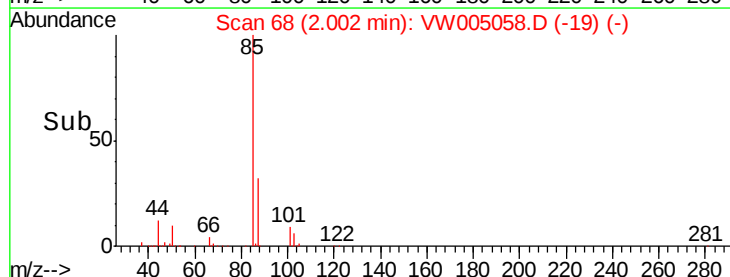
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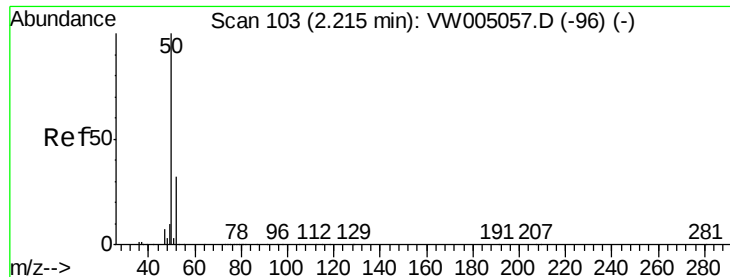
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 63.08 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 392835

Ion Ratio Lower Upper

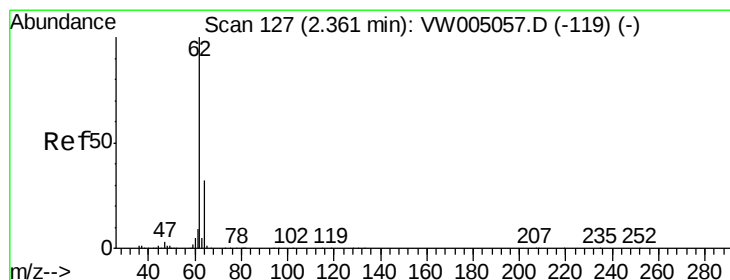
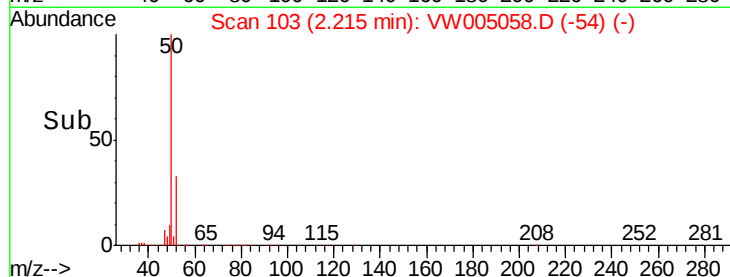
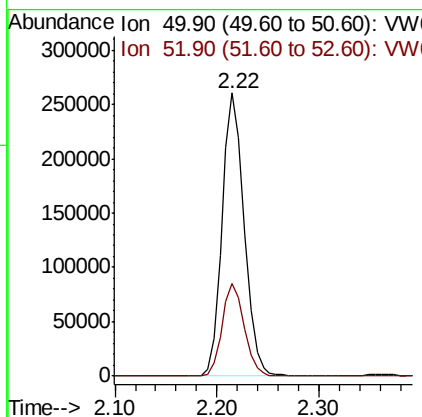
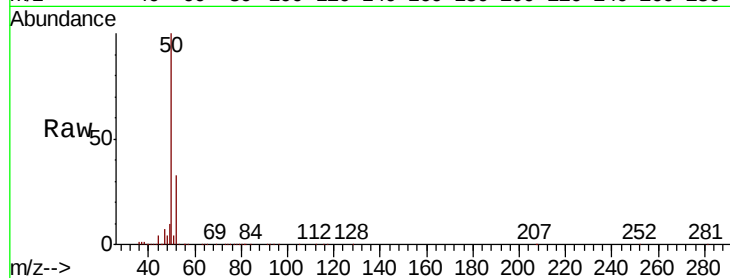
50 100

52 32.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 62.72 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005058.D

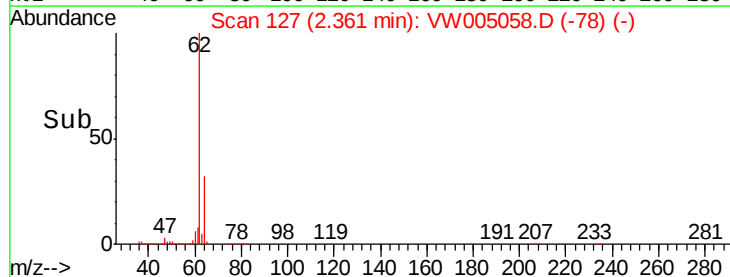
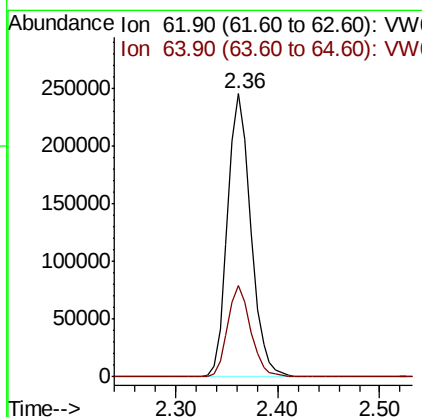
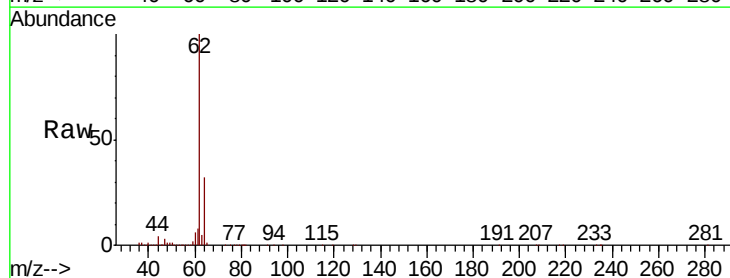
Acq: 01 Sep 2018 01:29

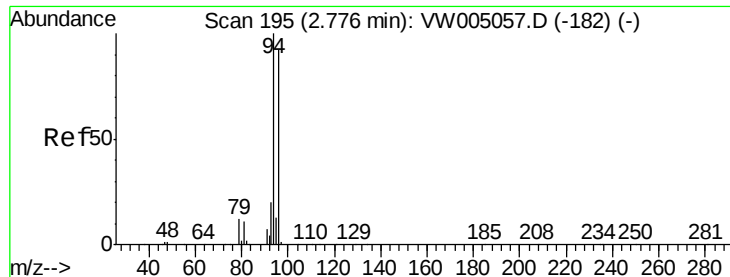
Tgt Ion: 62 Resp: 388467

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 62.57 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 255023

Ion Ratio Lower Upper

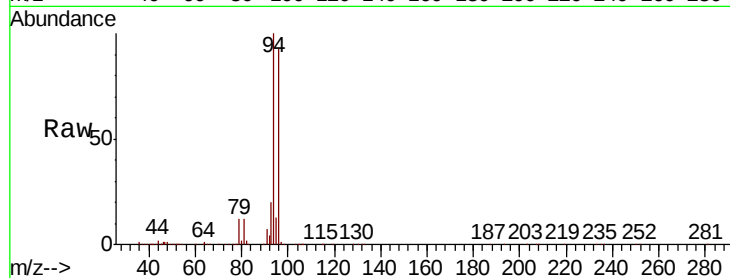
94 100

96 92.8 73.2 109.8

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

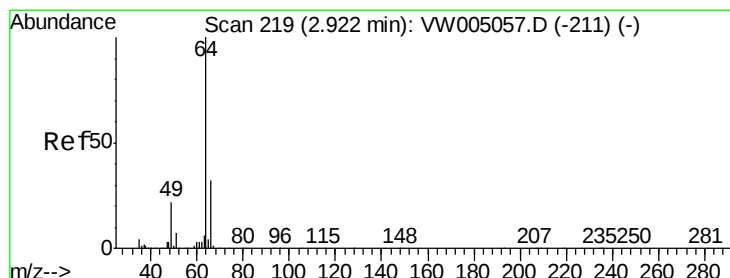
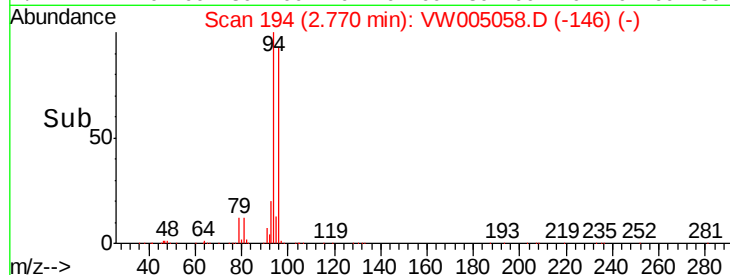
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 65.10 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005058.D

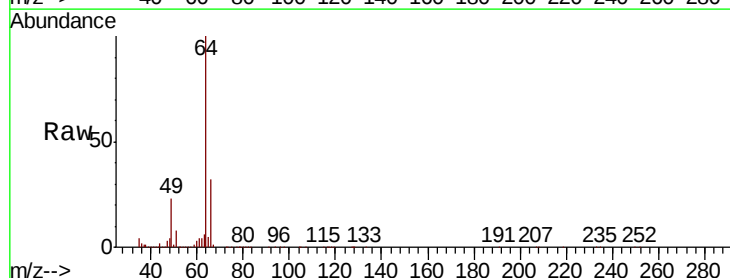
Acq: 01 Sep 2018 01:29

Tgt Ion: 64 Resp: 240973

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

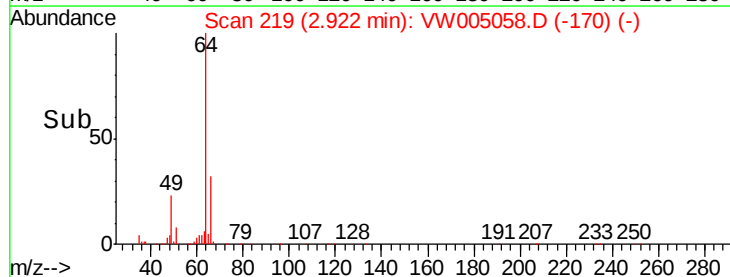
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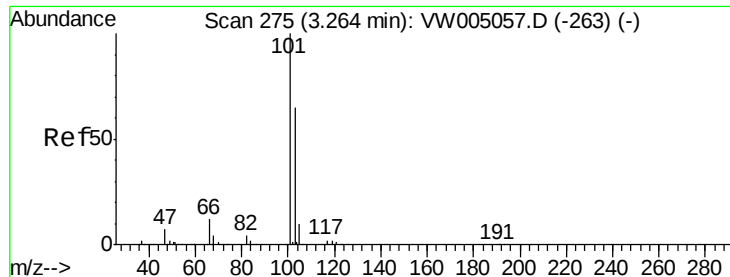
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50000

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Time-->





#7

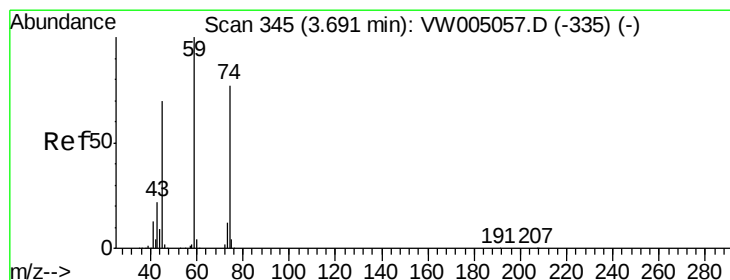
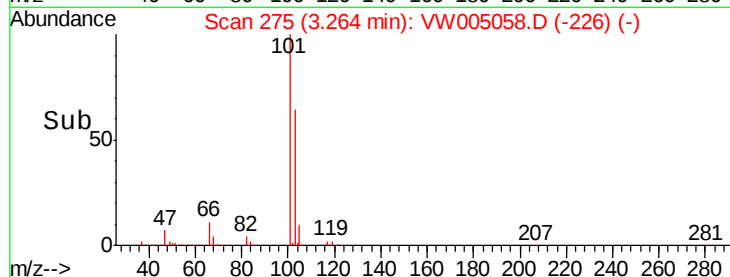
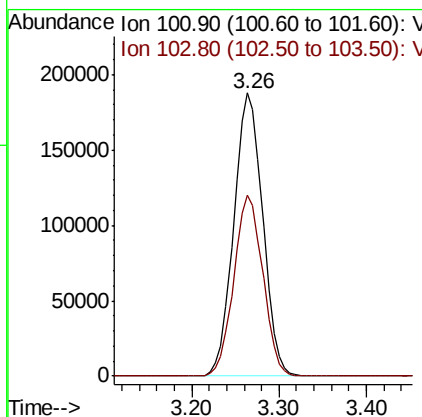
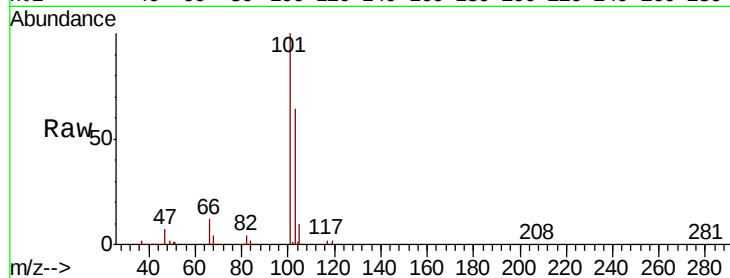
Trichlorofluoromethane
Concen: 67.20 ug/l
RT: 3.26 min Scan# 275
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.9	77.9

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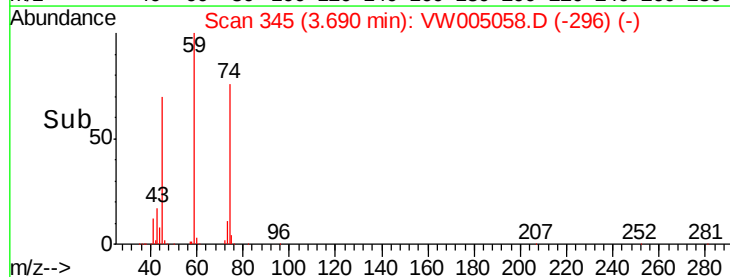
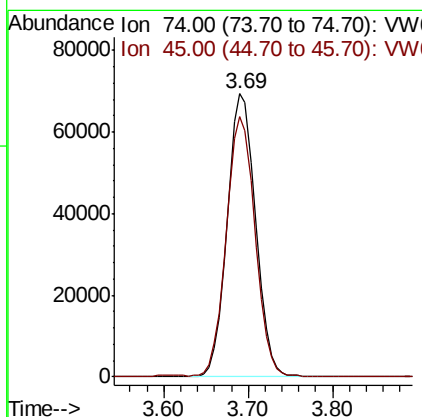
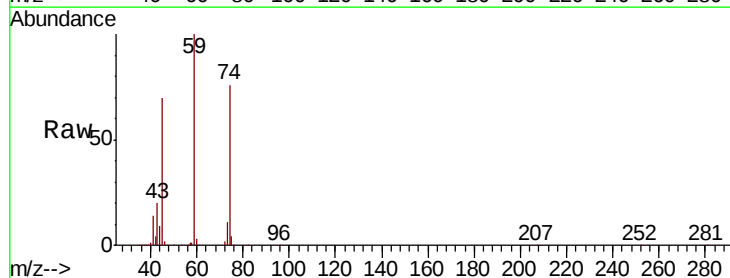
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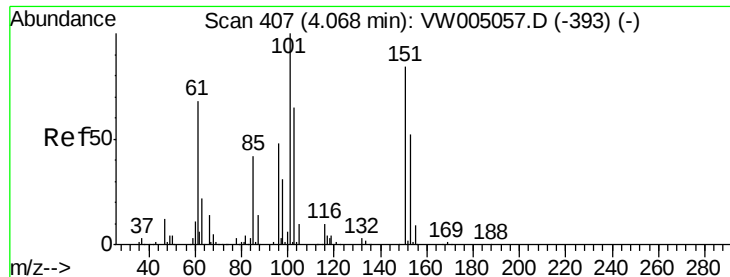


#8

Diethyl Ether
Concen: 82.74 ug/l
RT: 3.69 min Scan# 345
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.96 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

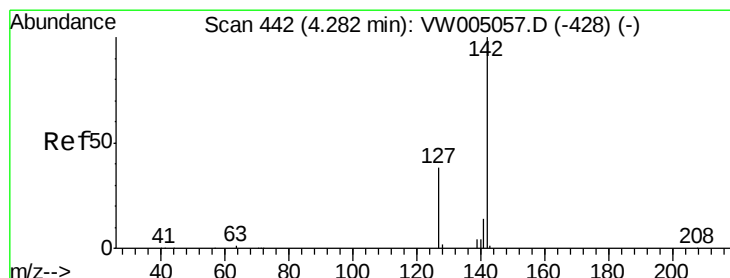
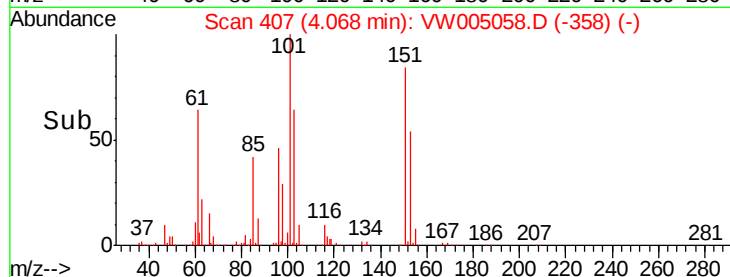
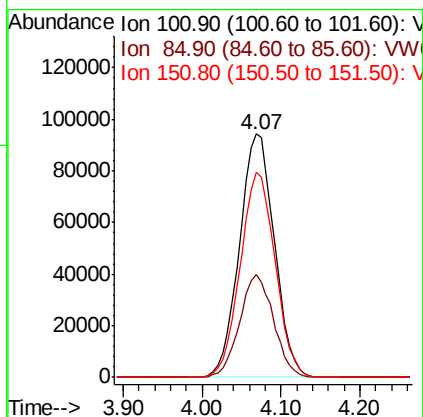
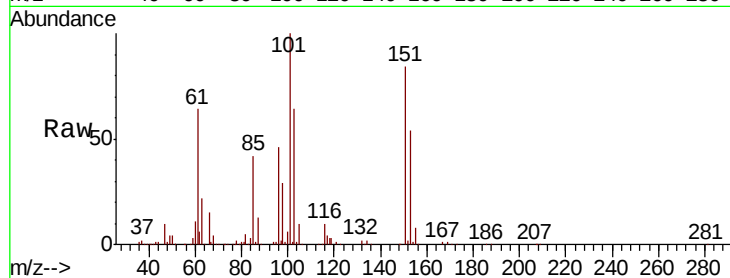
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	290827
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.0	49.6
151	84.2	67.0	100.6

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#10

Methyl Iodide

Concen: 85.92 ug/l

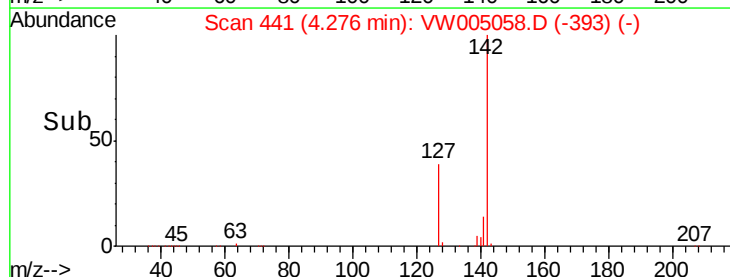
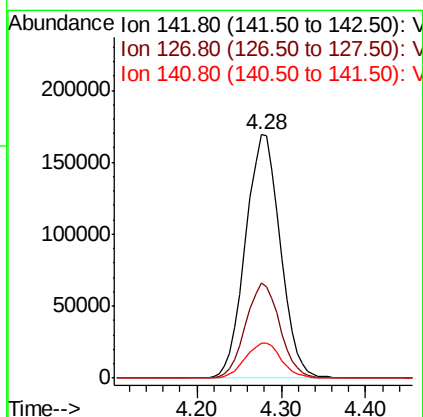
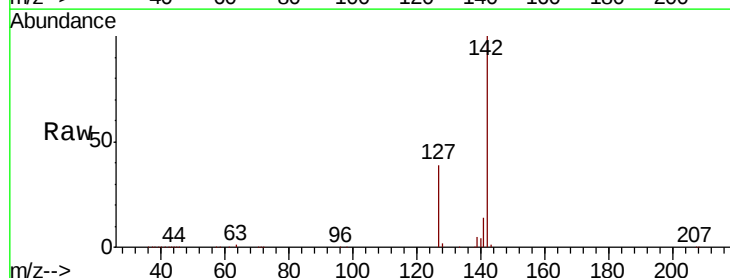
RT: 4.28 min Scan# 441

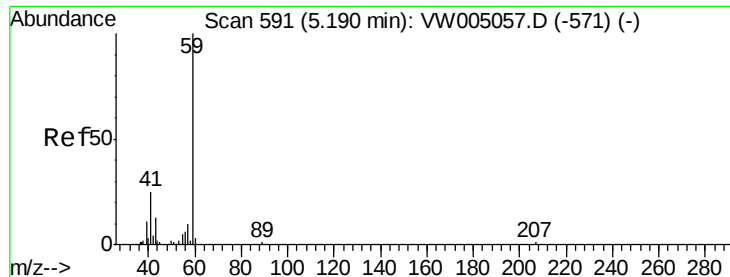
Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	142	Resp:	475892
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.8	46.2
141	14.8	11.6	17.4





#11

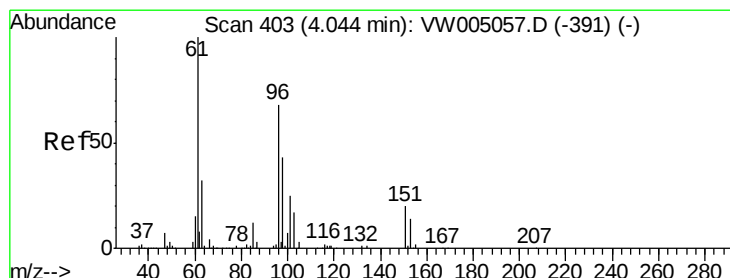
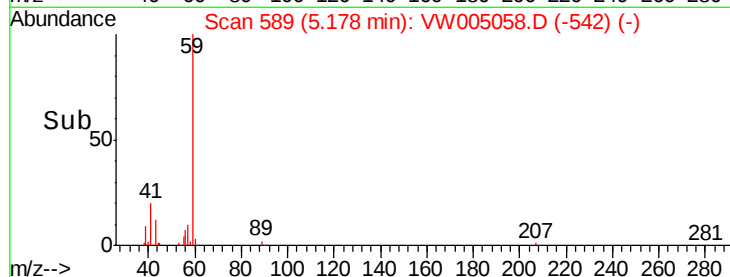
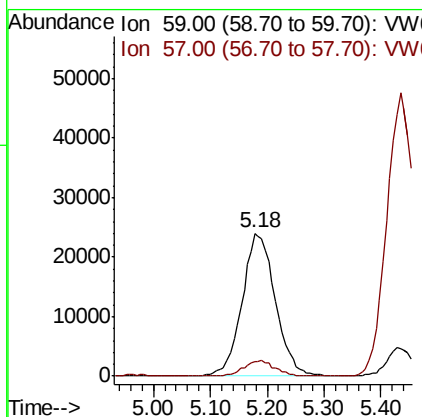
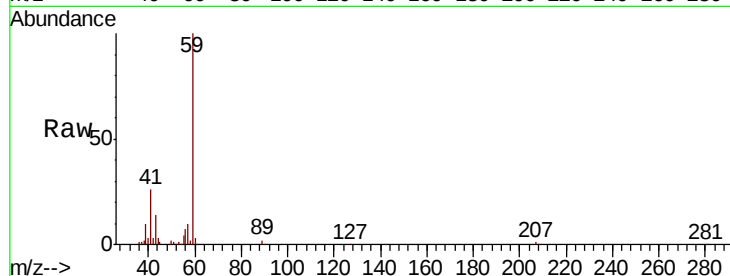
Tert butyl alcohol
 Concen: 375.82 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.0	8.6	12.8

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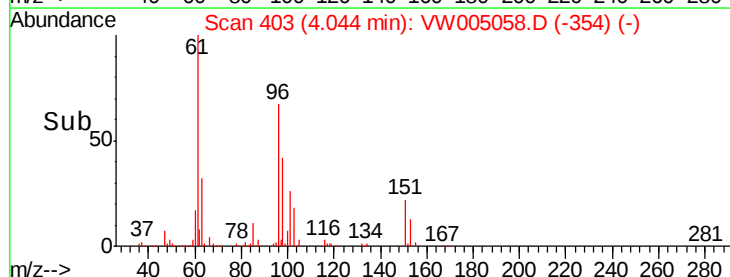
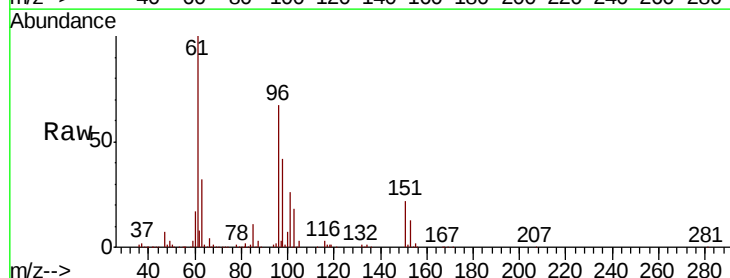
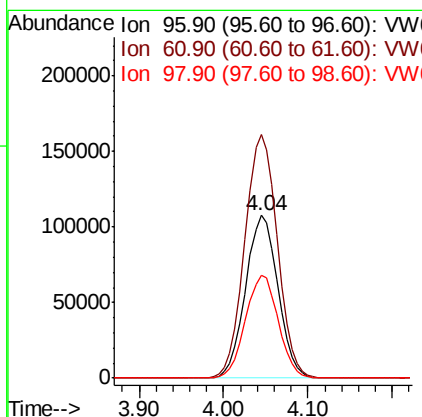
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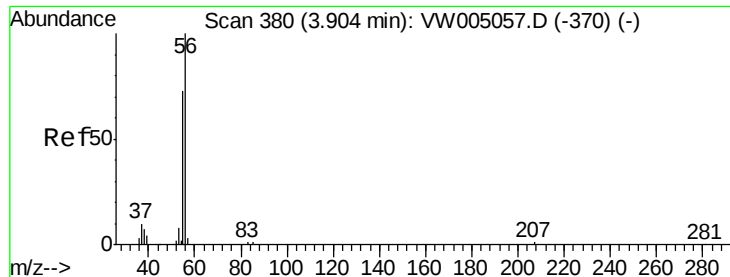


#12

1,1-Dichloroethene
 Concen: 74.61 ug/l
 RT: 4.04 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	149.8	117.4	176.0
98	98	63.3	51.0	76.4





#13

Acrolein

Concen: 342.05 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC075

Tot Ion: 56 Resp: 98618

Ion Ratio Lower Upper

56 100

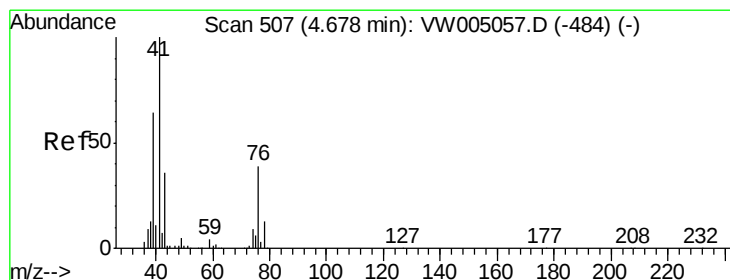
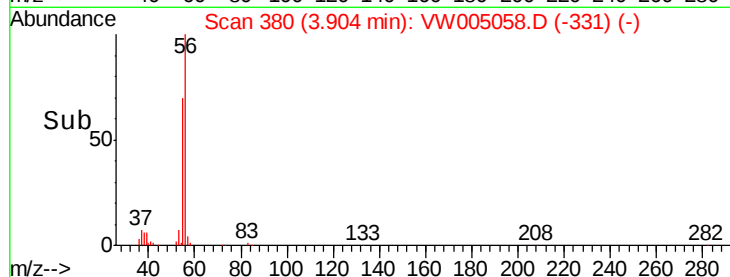
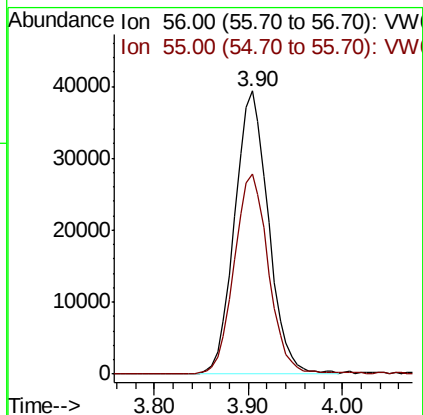
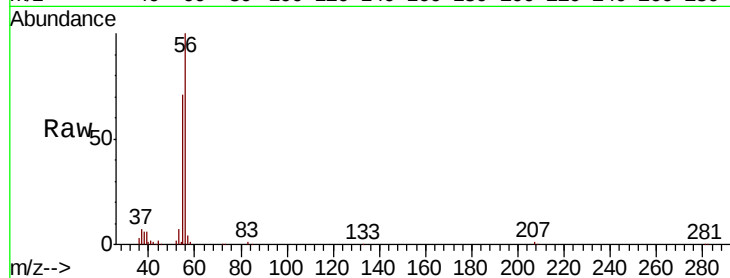
55 71.6 58.1 87.1

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#14

Allyl chloride

Concen: 78.47 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

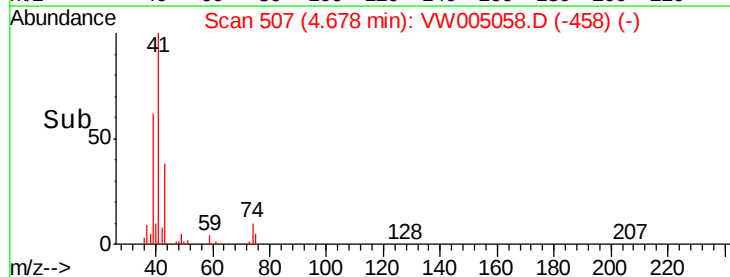
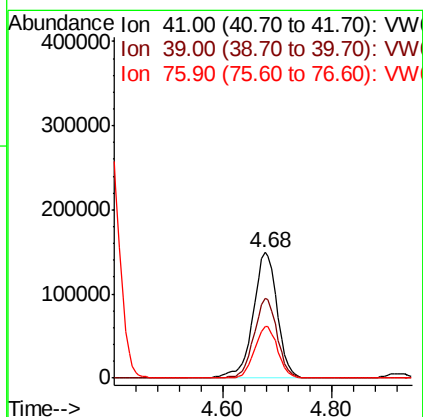
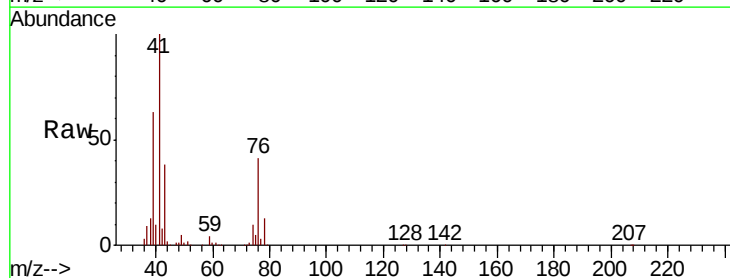
Tgt Ion: 41 Resp: 456450

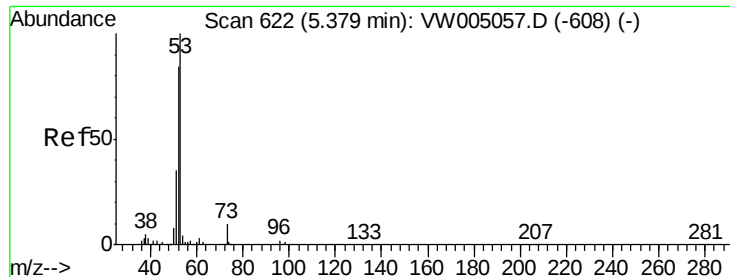
Ion Ratio Lower Upper

41 100

39 61.4 49.4 74.2

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 380.26 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

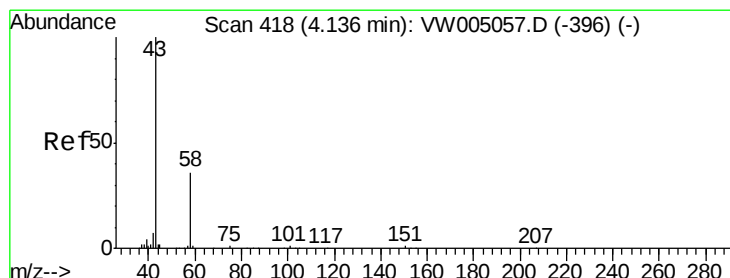
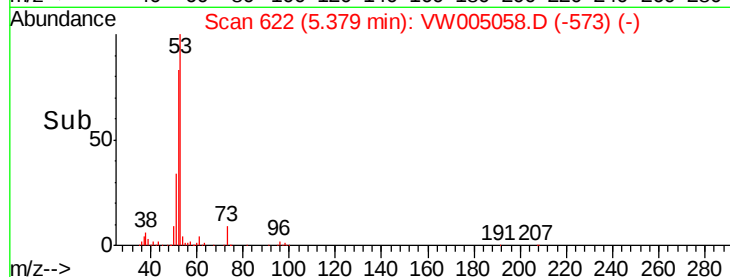
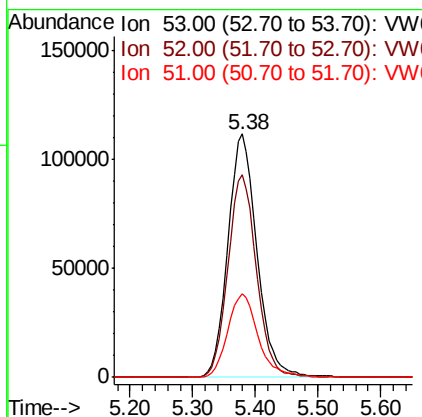
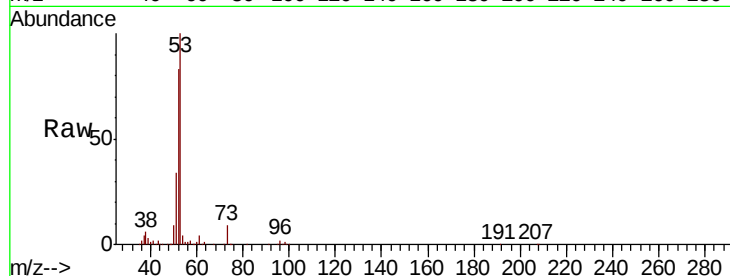
ClientSampled :

VSTDIC075

Tot Ion:	53	Resp:	358029
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 364.31 ug/l

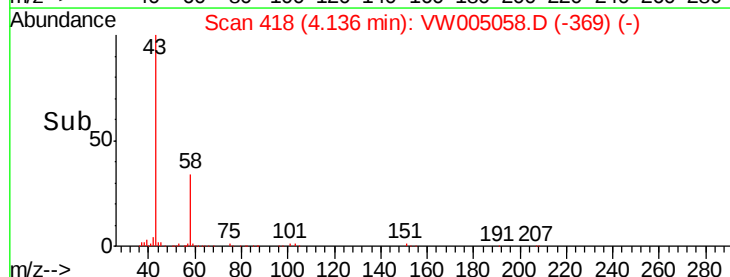
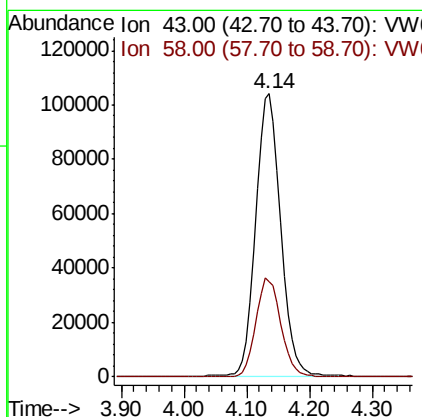
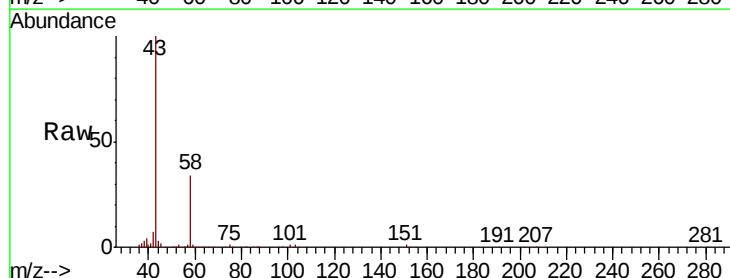
RT: 4.14 min Scan# 418

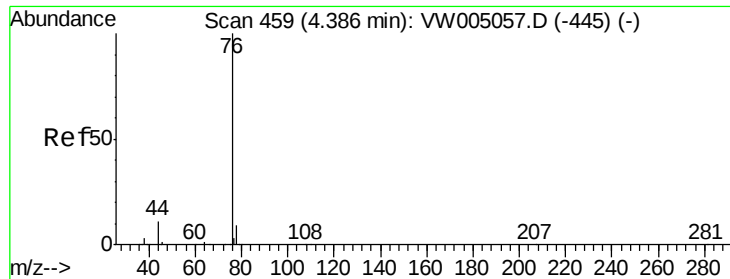
Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	43	Resp:	289096
Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.0	43.6





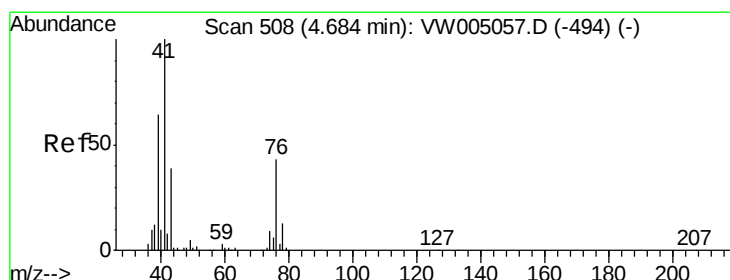
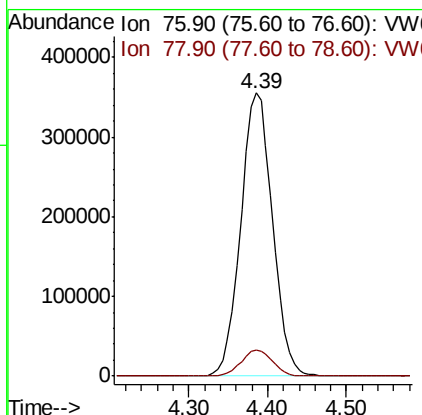
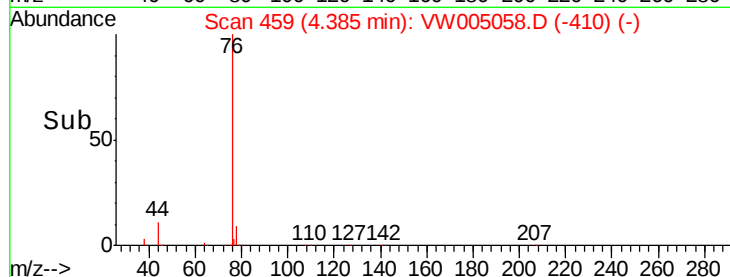
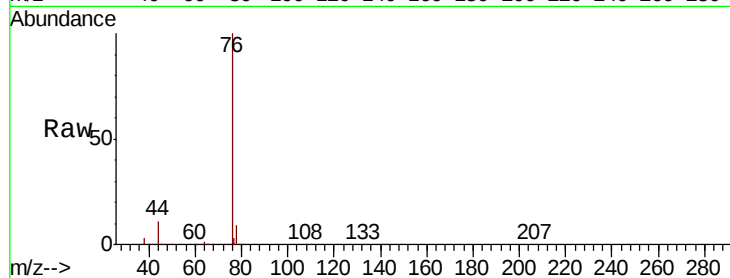
#17
Carbon Disulfide
Concen: 64.51 ug/l
RT: 4.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

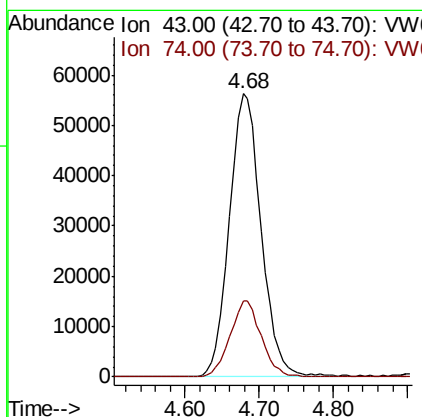
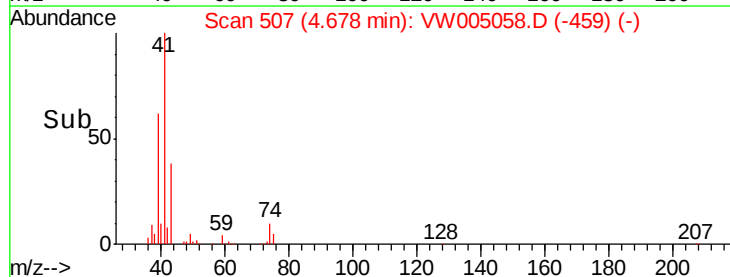
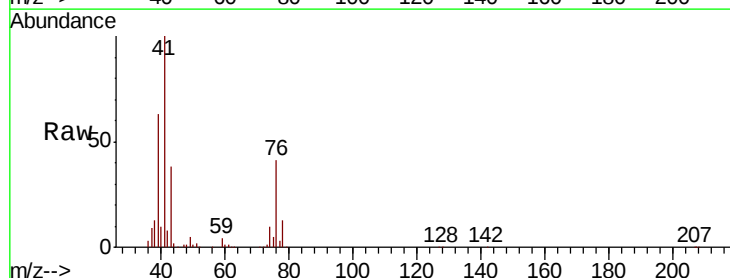
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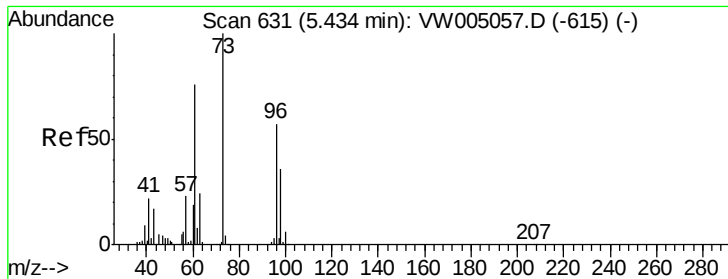
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#18
Methyl Acetate
Concen: 85.16 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.7	31.1





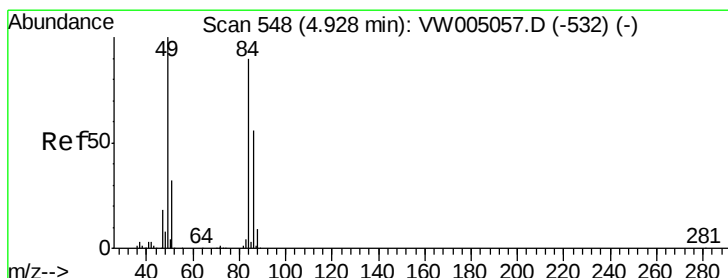
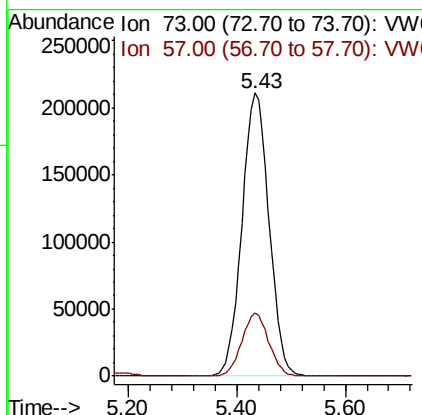
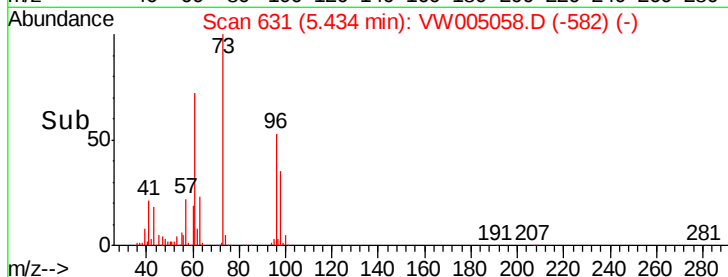
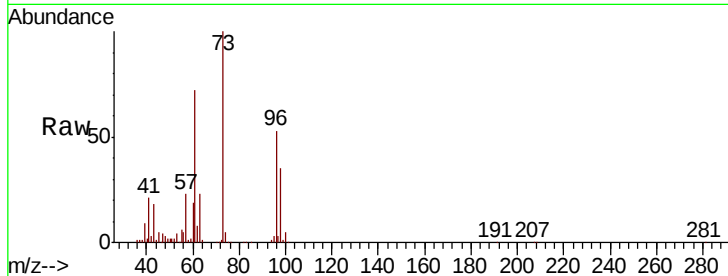
#19
Methvl tert-butvl Ether
Concen: 88.19 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.1	27.1

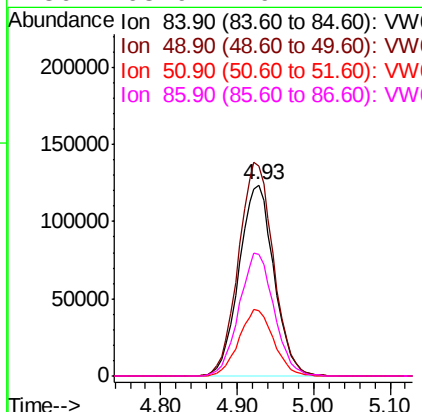
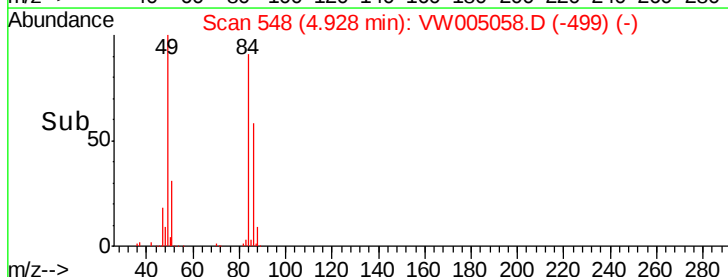
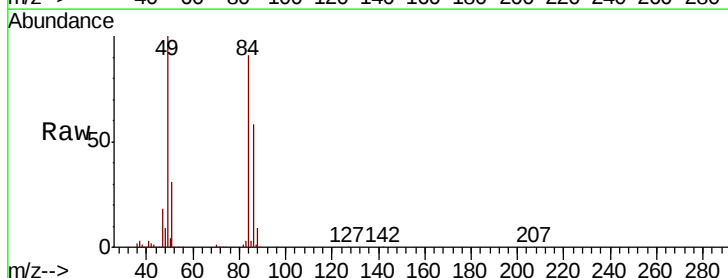
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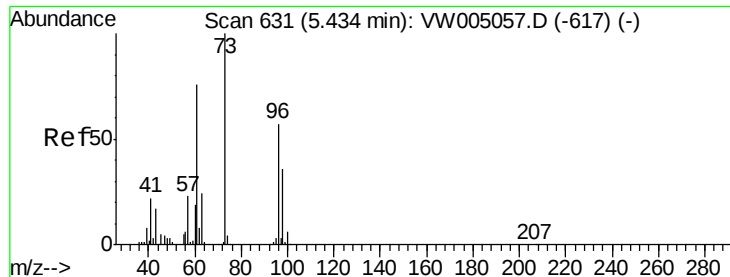
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#20
Methylene Chloride
Concen: 59.25 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	88.7	133.1
51	34.0	28.6	42.8
86	63.9	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 80.95 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

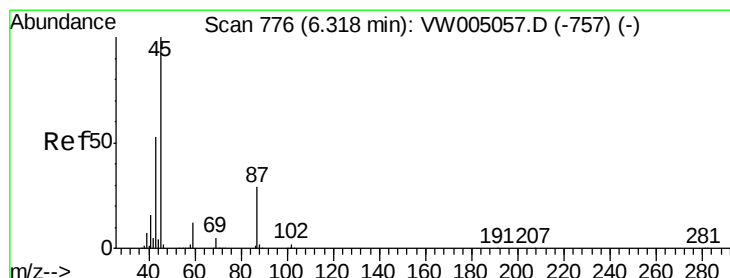
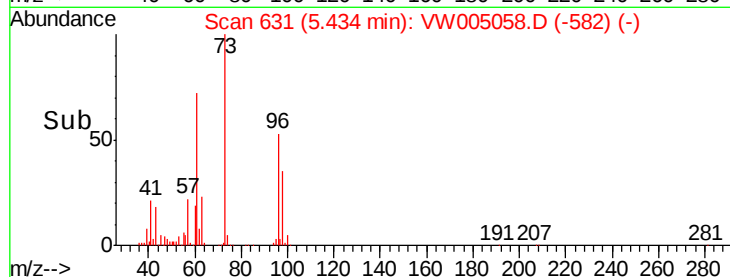
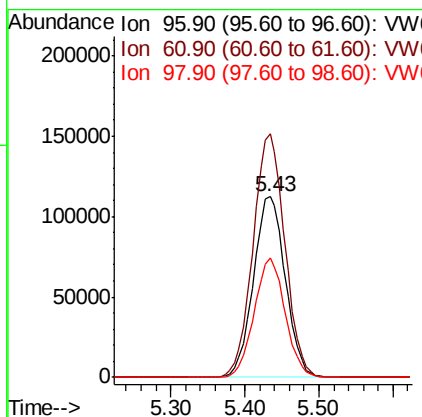
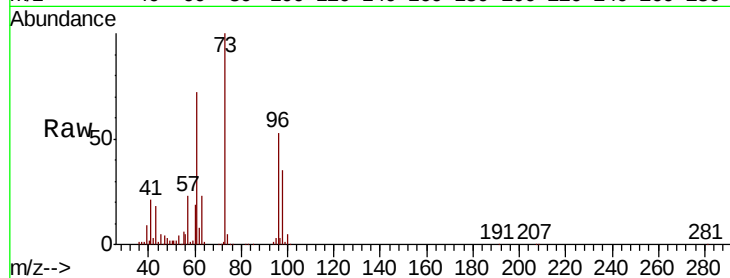
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	337433
Ion	Ratio	Lower	Upper
96	100		
61	134.8	106.3	159.5
98	66.2	50.9	76.3

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#22

Diisopropyl ether

Concen: 82.36 ug/l

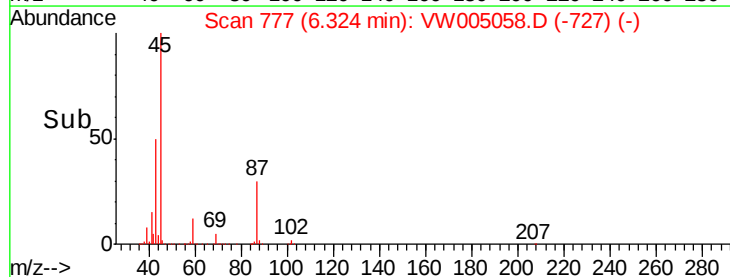
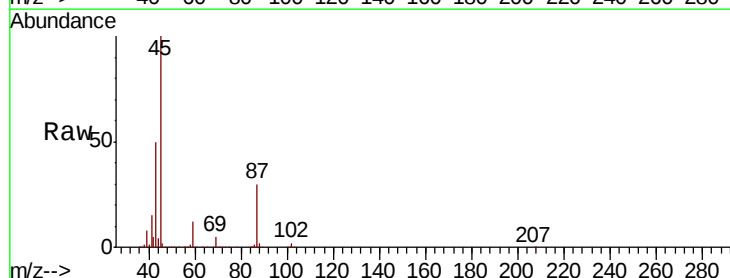
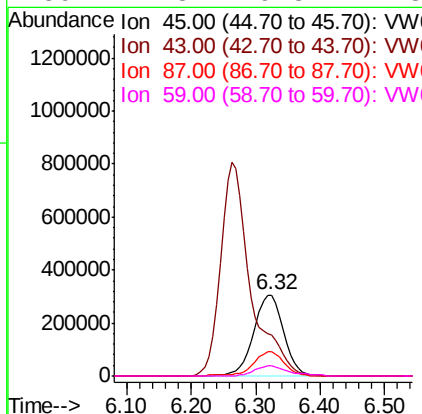
RT: 6.32 min Scan# 777

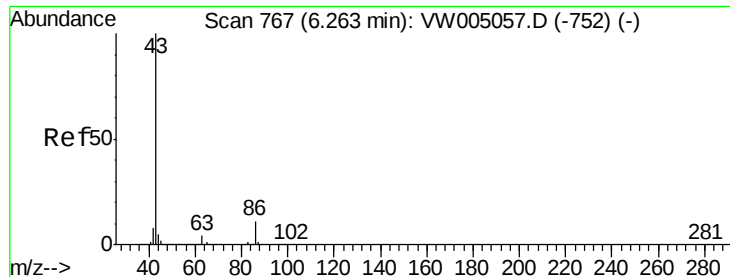
Delta R.T. 0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	45	Resp:	980649
Ion	Ratio	Lower	Upper
45	100		
43	50.2	42.6	63.8
87	30.3	23.6	35.4
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 431.82 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 2646914

Ion Ratio Lower Upper

43 100

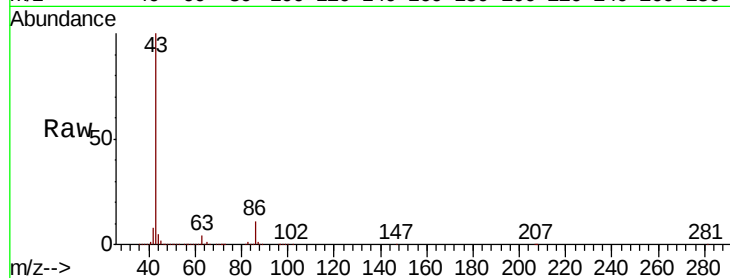
86 11.3 9.0 13.4

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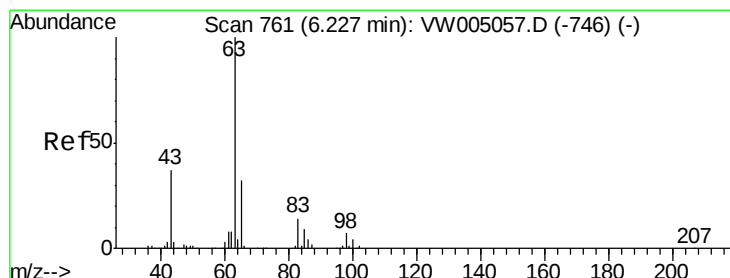
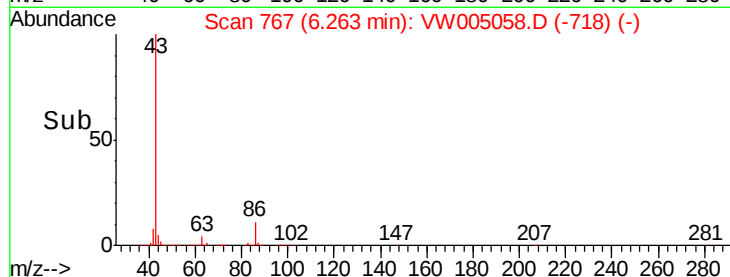
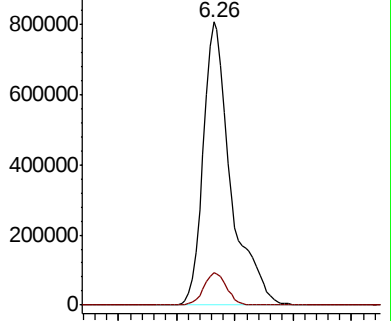
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 79.34 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

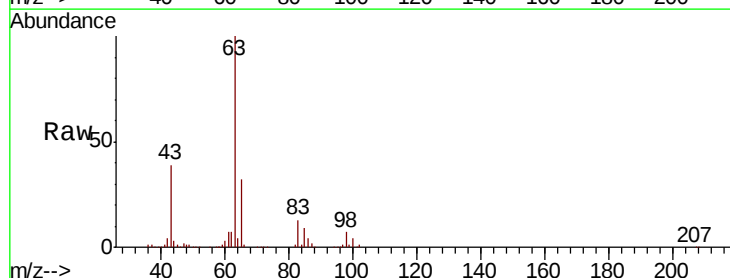
Tgt Ion: 63 Resp: 575229

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

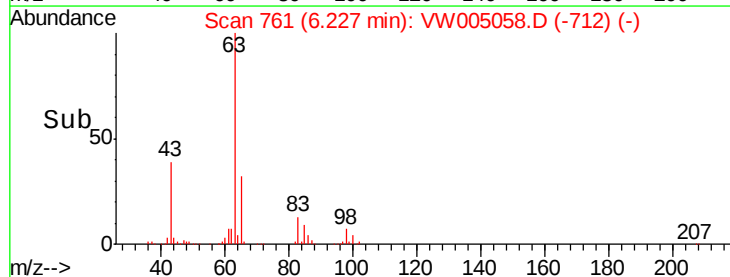
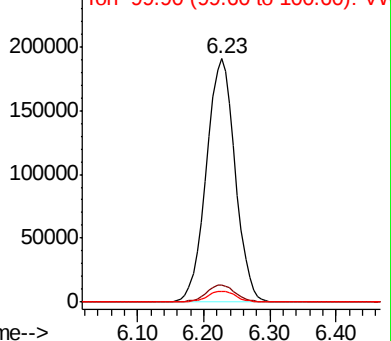
100 4.4 2.2 6.6

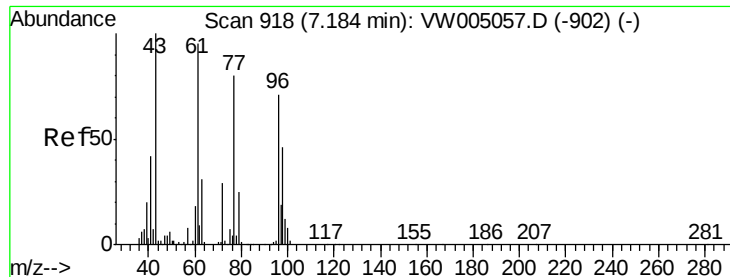


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 405.20 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 508229

Ion Ratio Lower Upper

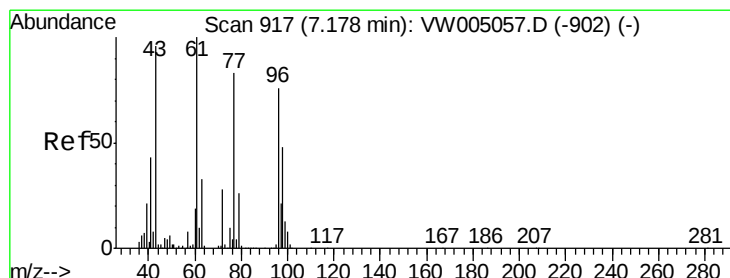
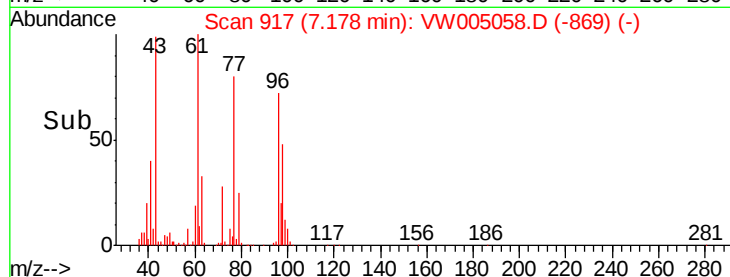
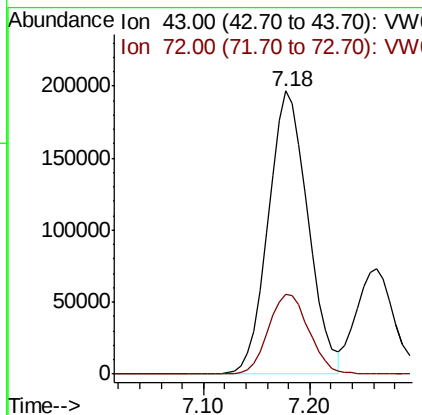
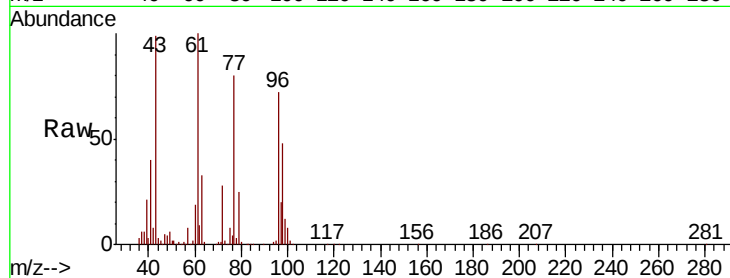
43 100

72 28.1 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 71.20 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005058.D

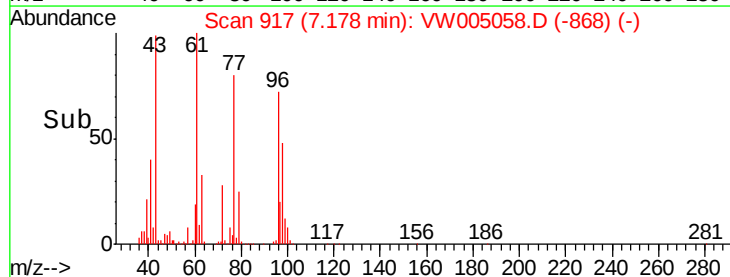
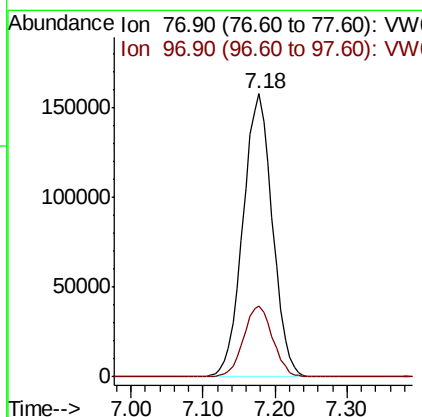
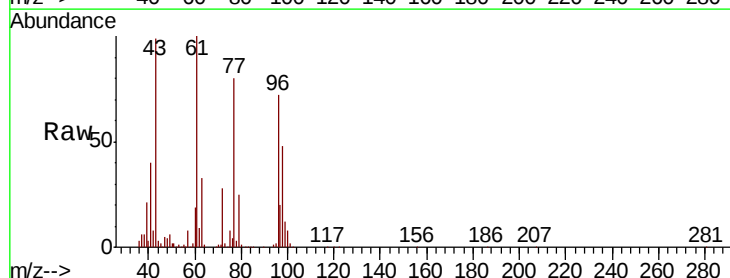
Acq: 01 Sep 2018 01:29

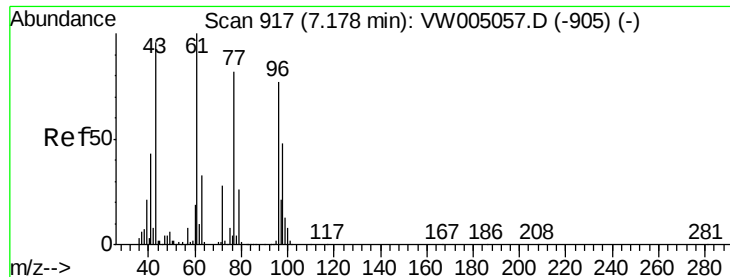
Tgt Ion: 77 Resp: 448167

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

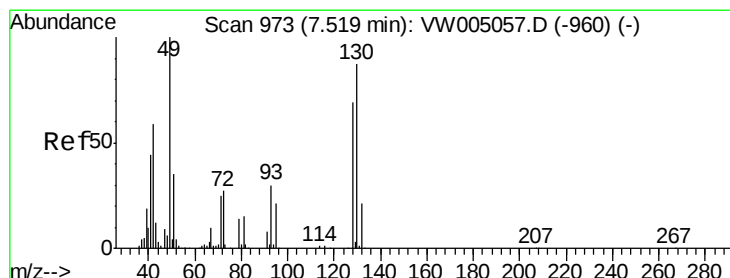
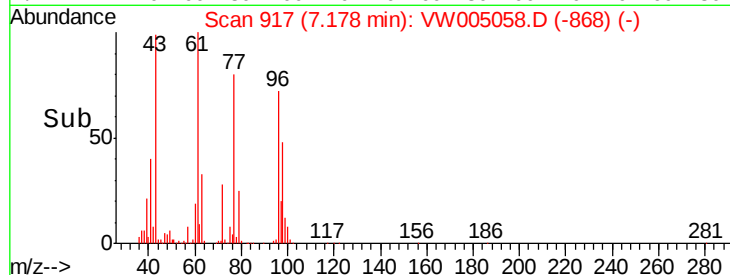
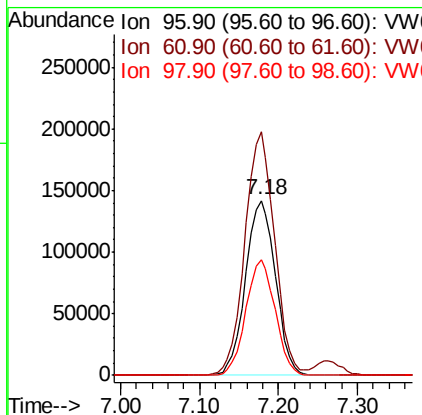
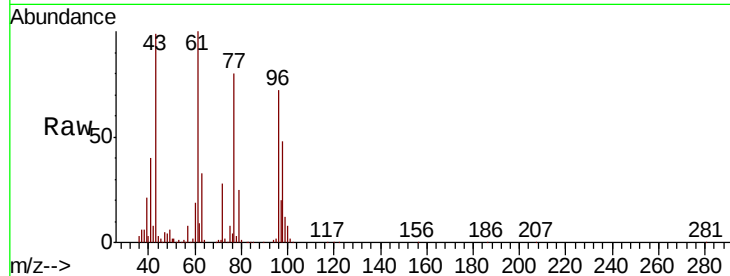
cis-1,2-Dichloroethene
Concen: 82.18 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	273.2
98	64.8	0.0	127.8

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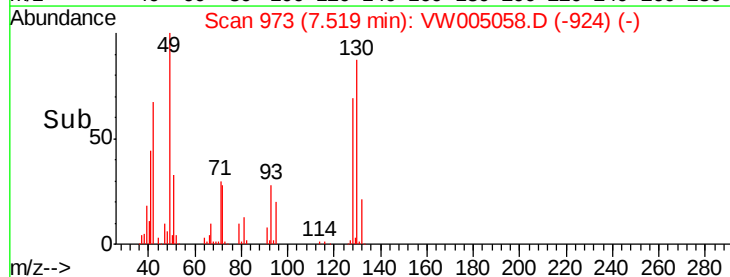
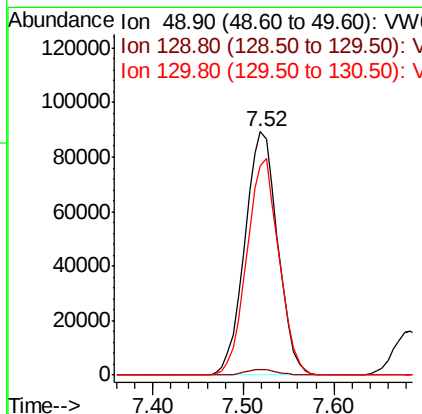
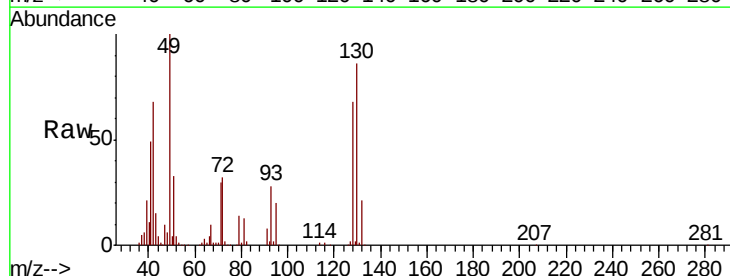
apatel
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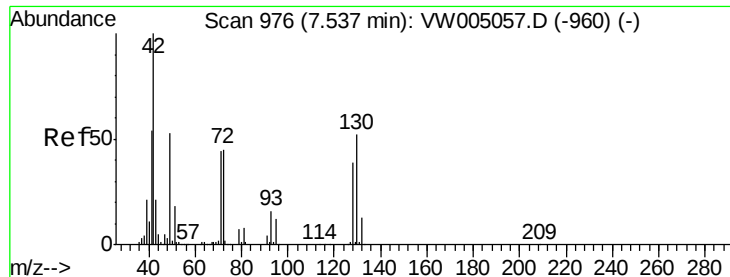


#28

Bromochloromethane
Concen: 71.85 ug/l
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	86.9	69.6	104.4





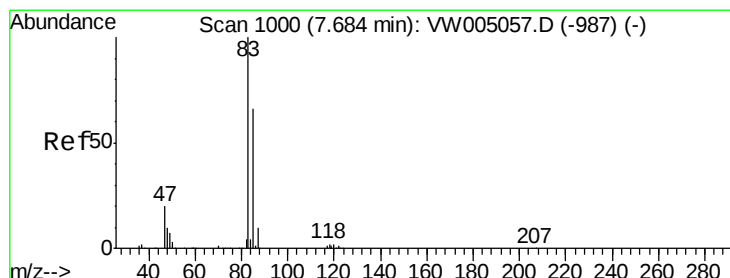
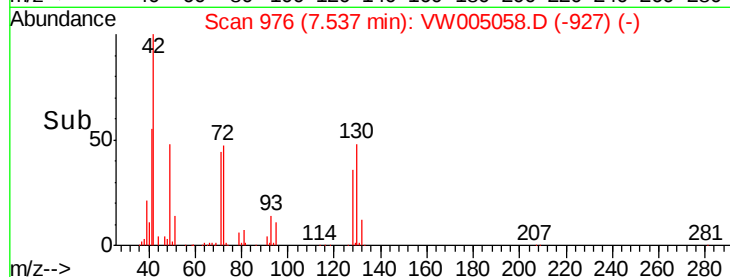
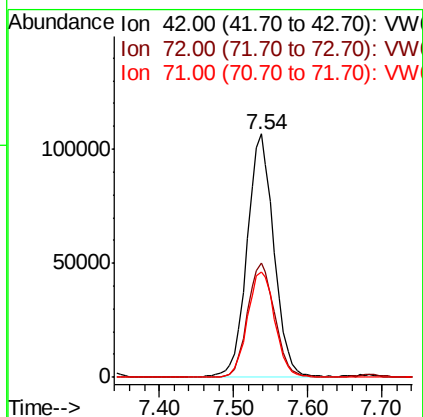
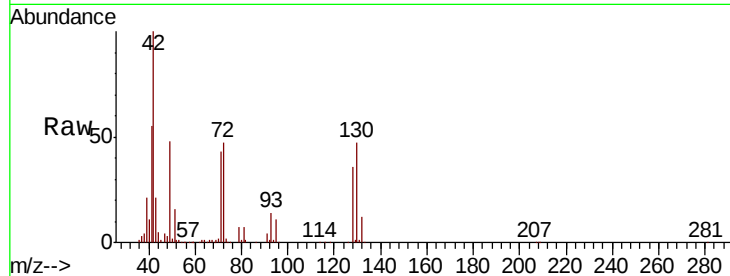
#29
Tetrahydrofuran
Concen: 421.14 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.0	55.4
71	44.4	35.0	52.6

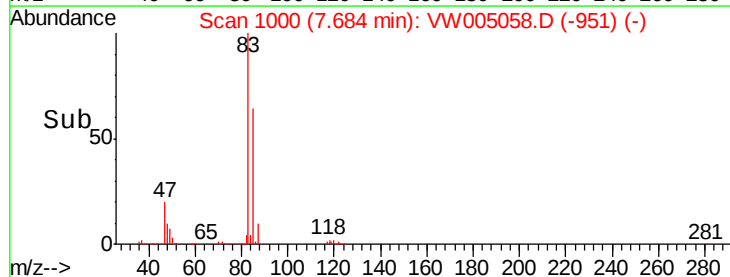
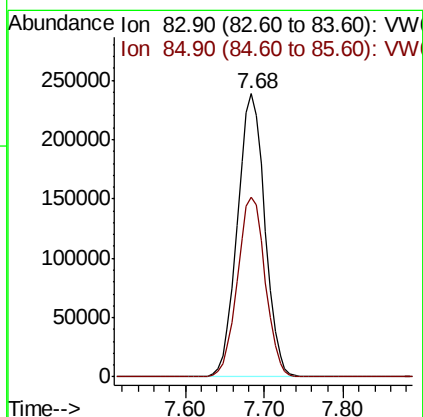
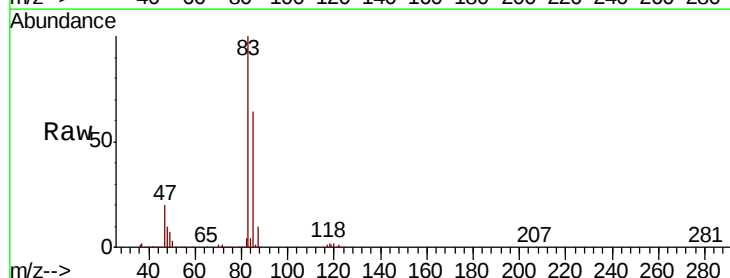
Manual Integrations
APPROVED

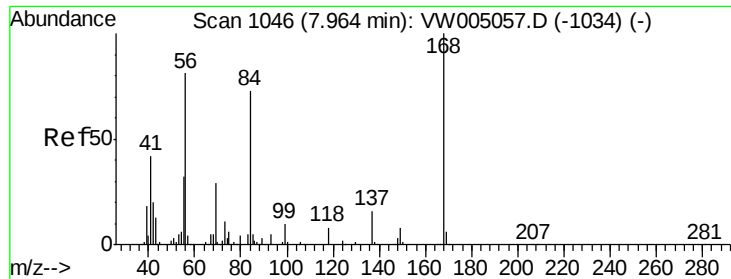
apatel
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#30
Chloroform
Concen: 80.35 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.1	79.7





#31

Cyclohexane

Concen: 74.58 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

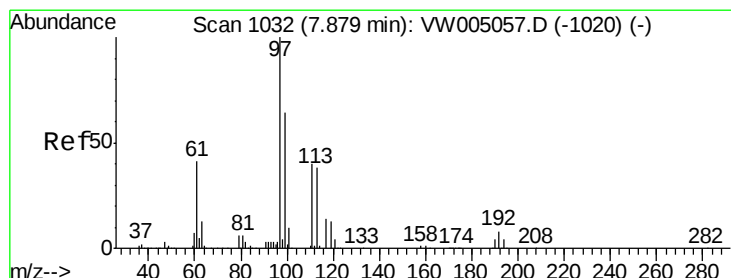
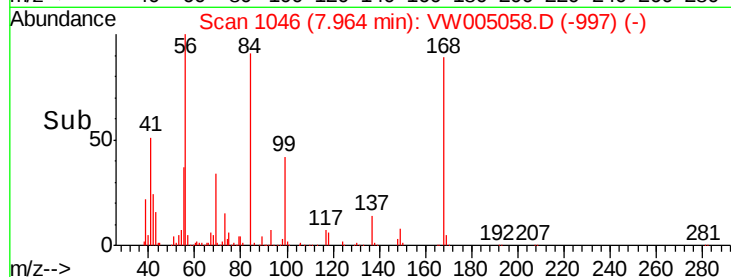
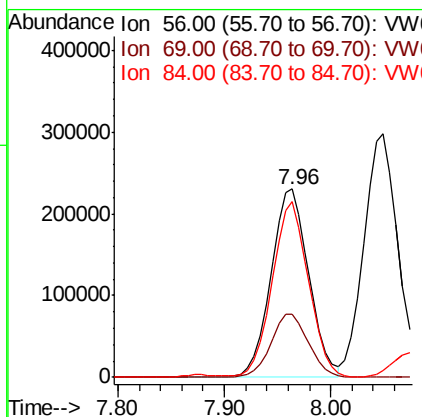
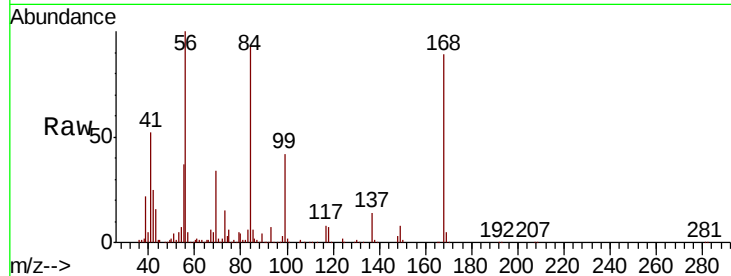
ClientSampleId :

VSTDIC075

Tot Ion:	56	Resp:	562619
Ion	Ratio	Lower	Upper
56	100		
69	33.5	28.2	42.2
84	92.2	71.8	107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 77.26 ug/l

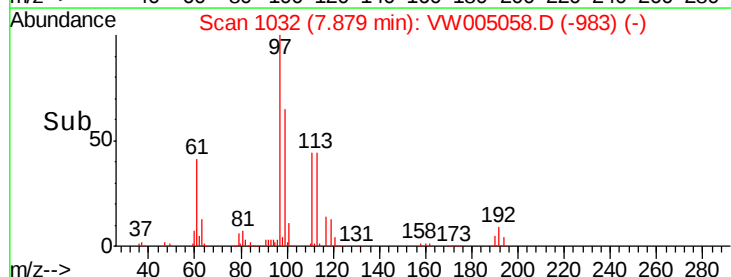
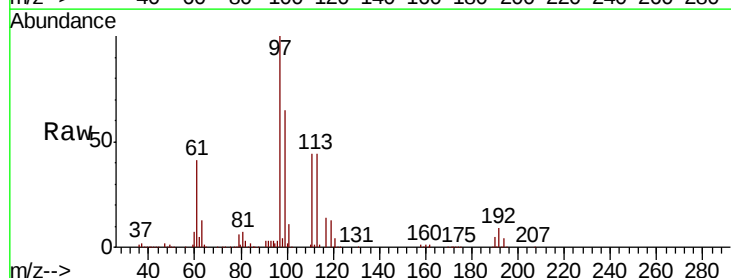
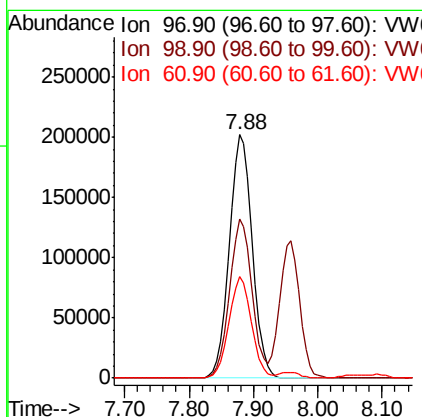
RT: 7.88 min Scan# 1032

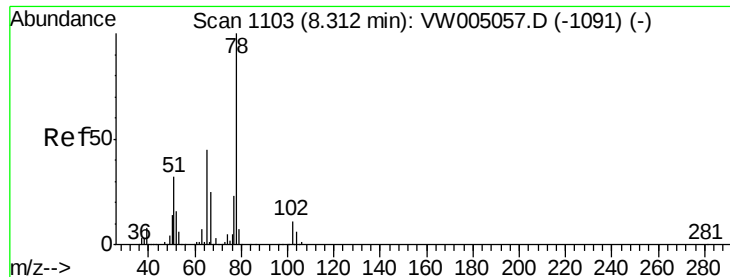
Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	97	Resp:	505394
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	40.9	33.2	49.8





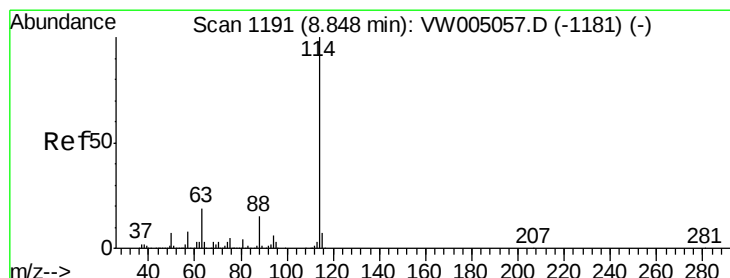
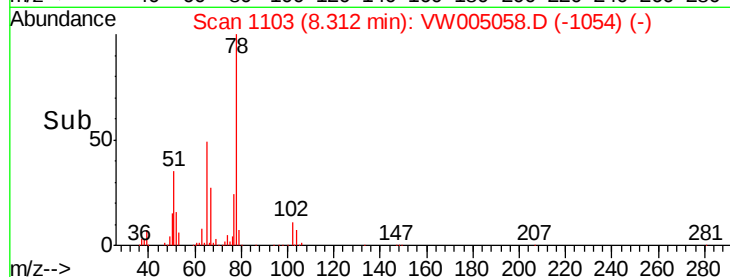
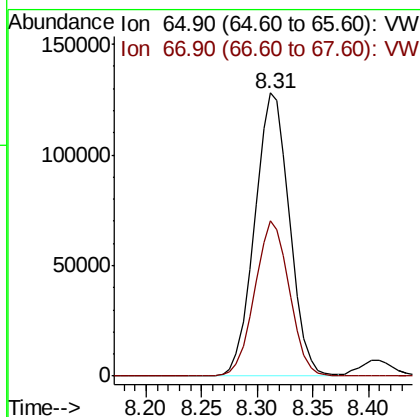
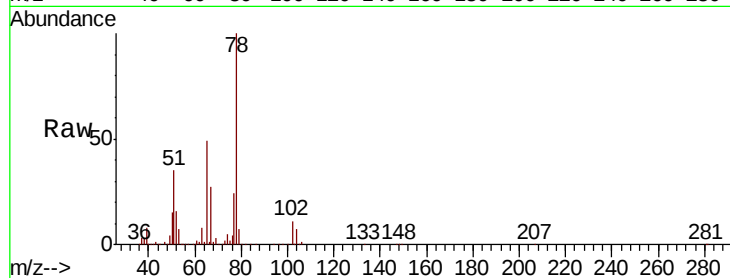
#33
 1,2-Dichloroethane-d4
 Concen: 78.35 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	278849		
67	54.6	0.0	109.4	

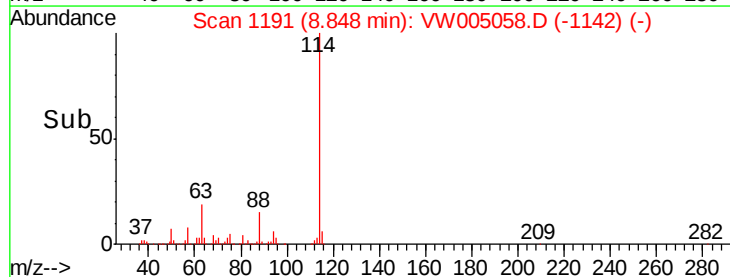
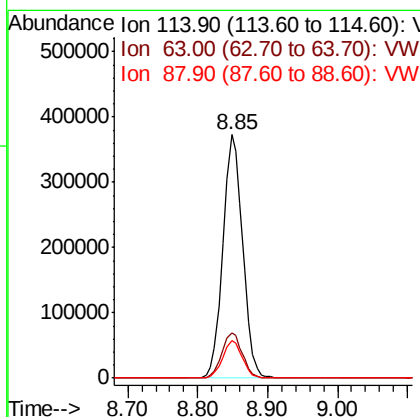
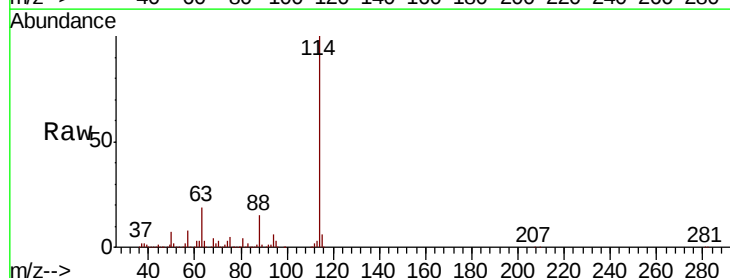
Manual Integrations
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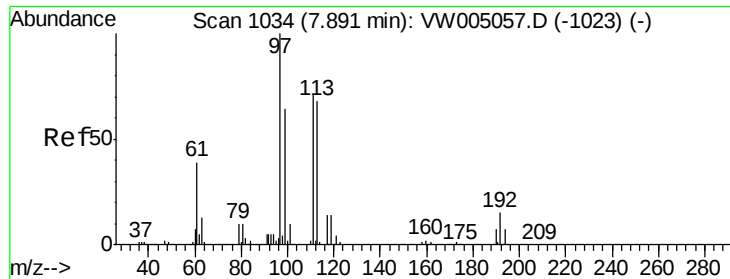
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	730015		
63	18.7	0.0	38.0	
88	15.4	0.0	30.2	





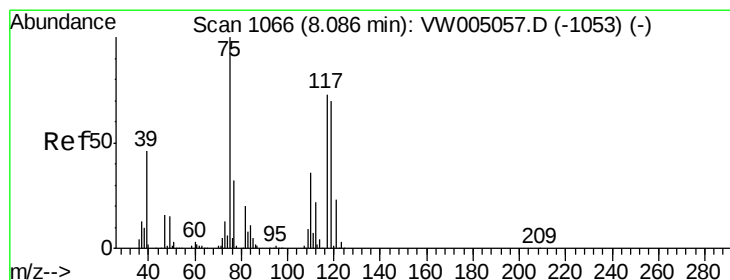
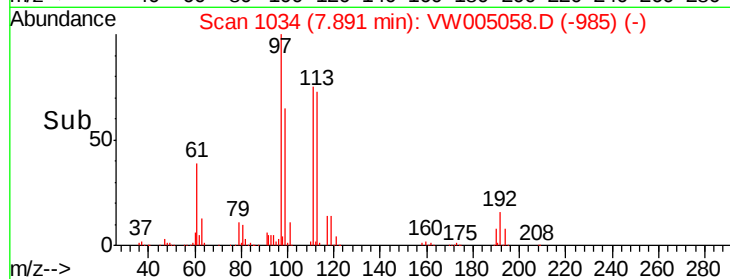
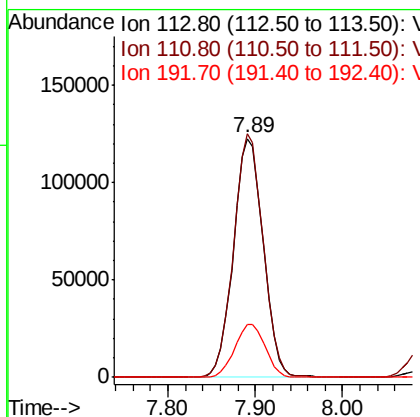
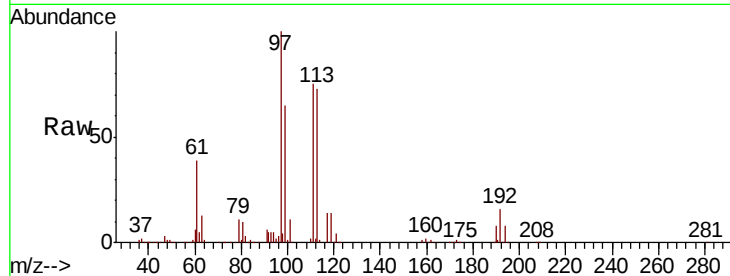
#35
 Dibromofluoromethane
 Concen: 78.15 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	290210		
111	101.1	82.2	123.2	
192	22.5	18.1	27.1	

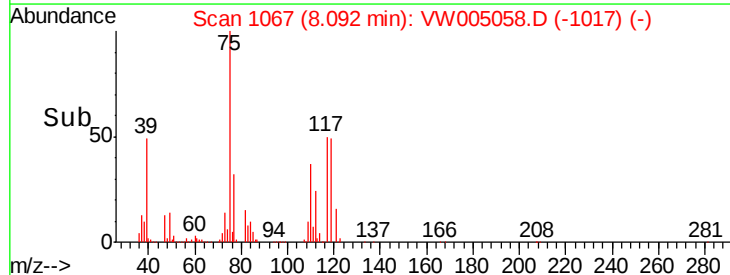
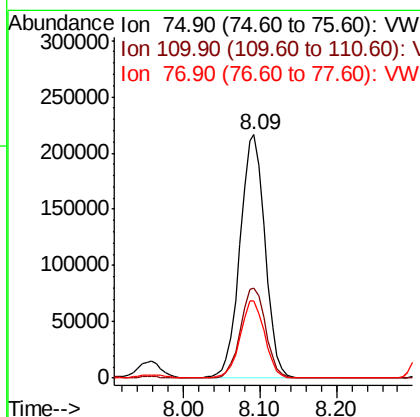
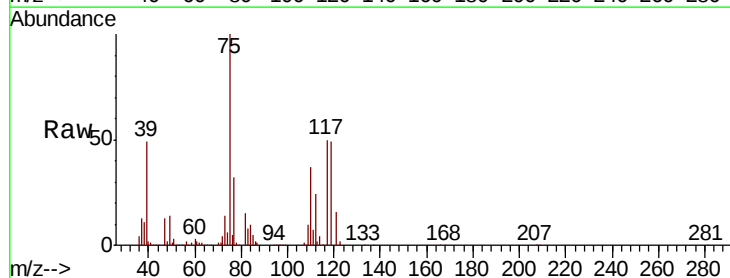
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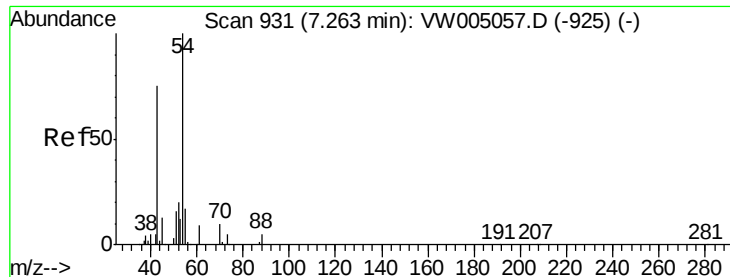
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#36
 1,1-Dichloropropene
 Concen: 77.96 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	490088		
110	37.2	18.9	56.7	
77	31.5	25.5	38.3	





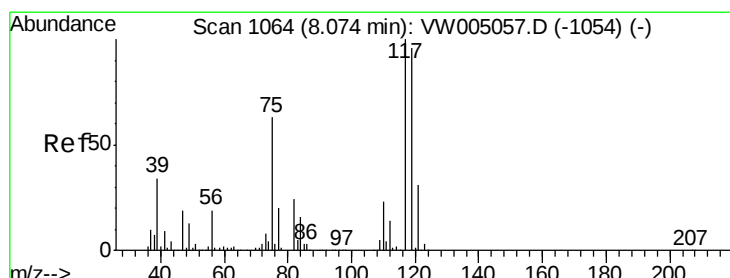
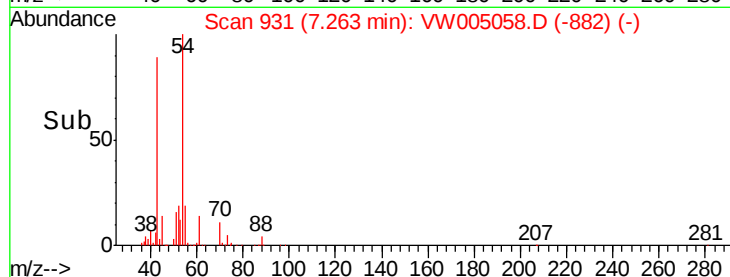
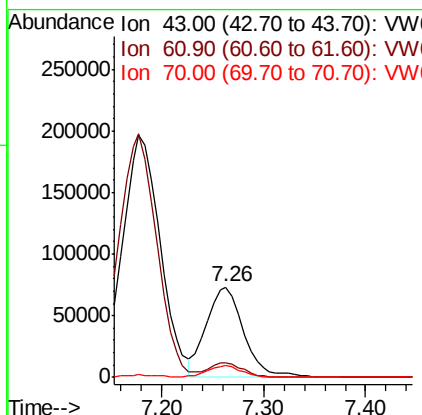
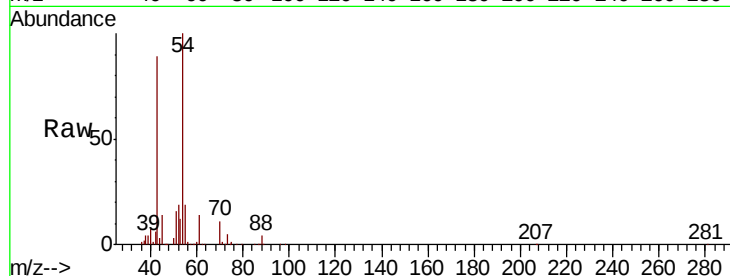
#37
Ethyl Acetate
Concen: 80.81 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	43	Resp	185968
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.9	9.4	14.2

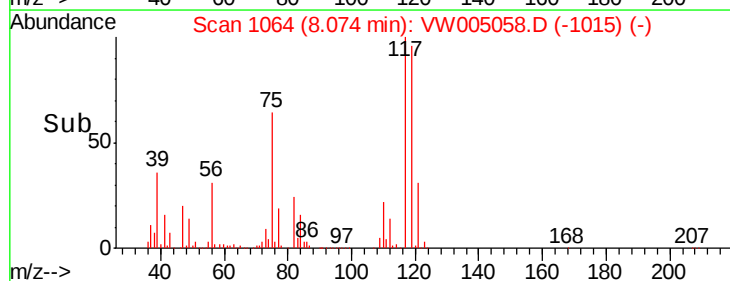
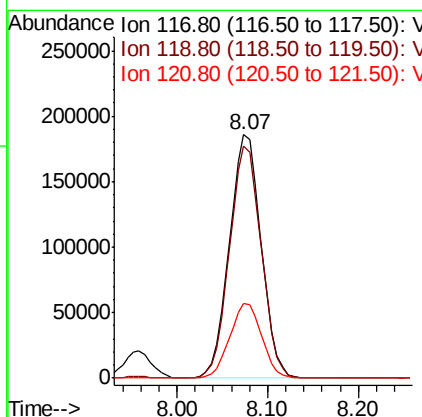
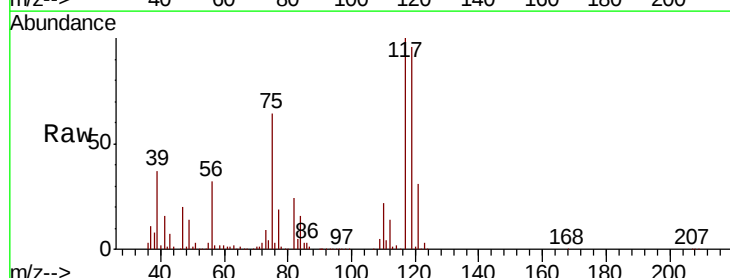
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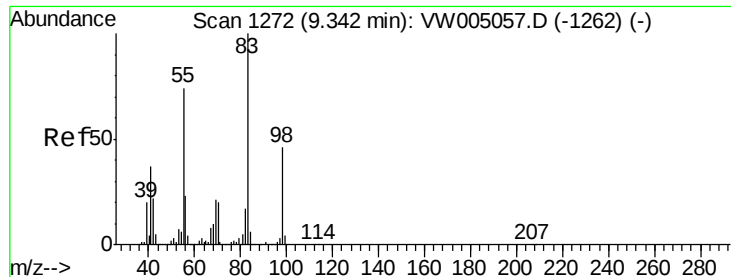
apatel
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#38
Carbon Tetrachloride
Concen: 73.79 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	117	Resp	451026
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
121	30.9	24.8	37.2





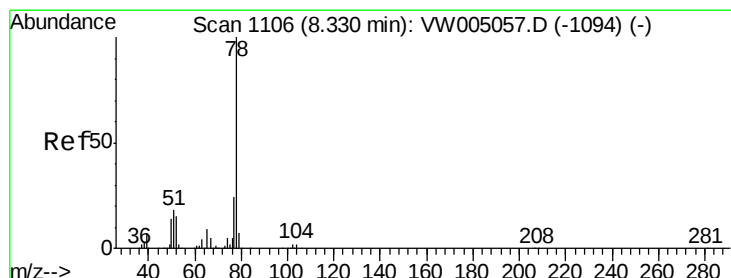
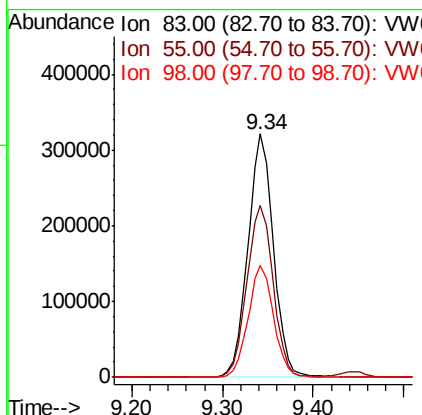
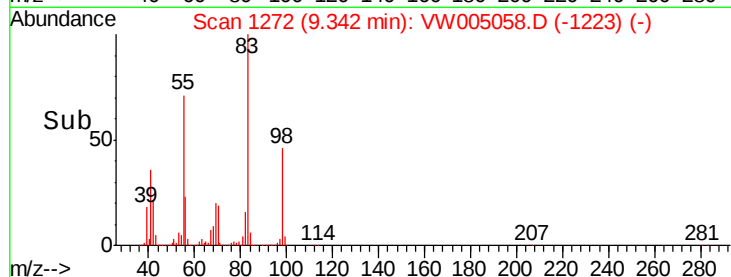
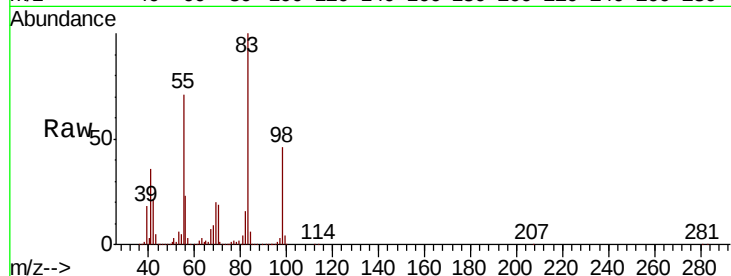
#39
Methvlcvclohexane
Concen: 72.99 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	58.9	88.3
98	45.8	36.8	55.2

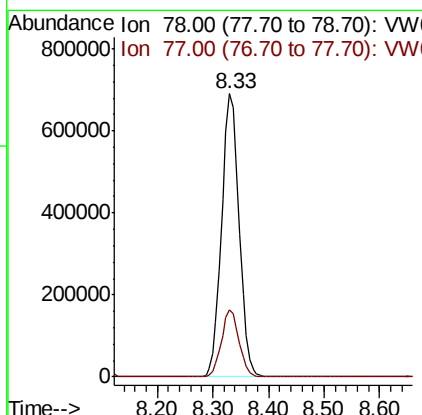
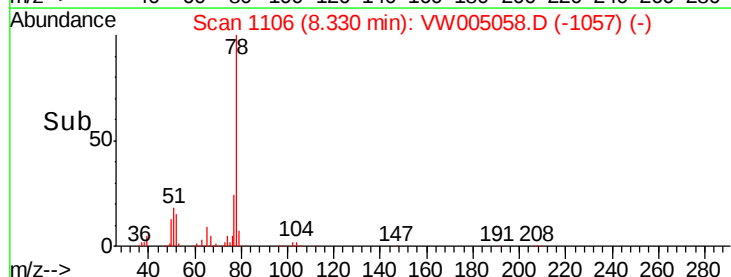
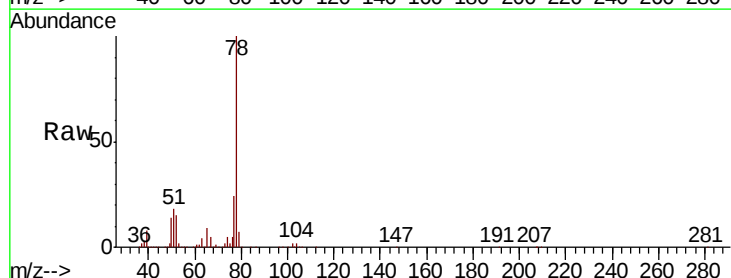
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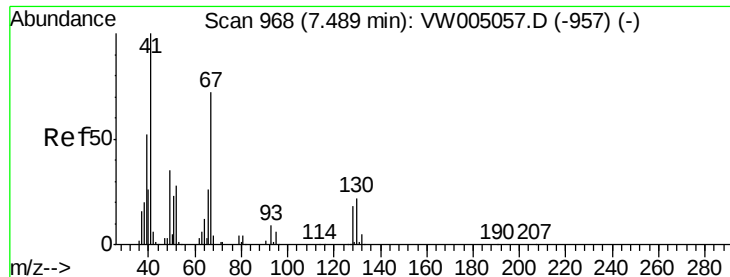
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#40
Benzene
Concen: 75.12 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





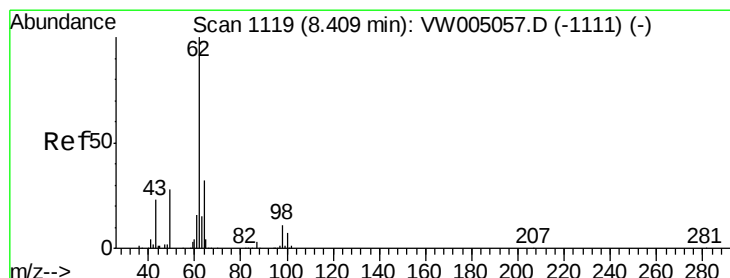
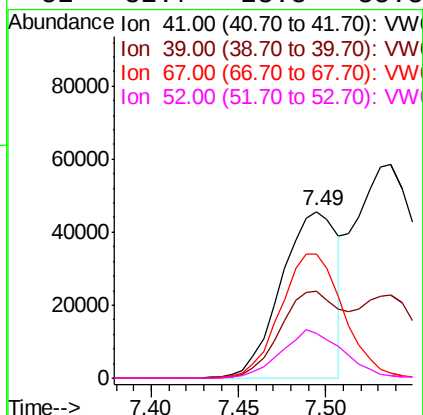
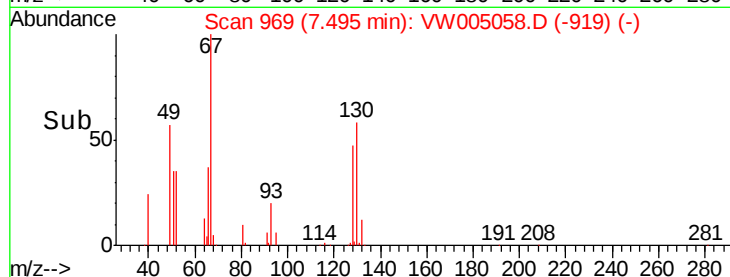
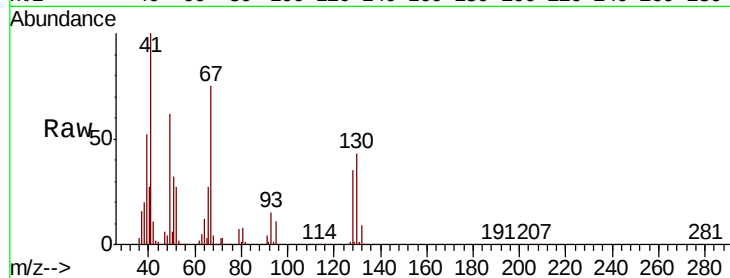
#41
Methacrylonitrile
Concen: 75.27 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.7	41.8	62.8
67	84.7	60.4	90.6
52	32.7	23.8	35.8

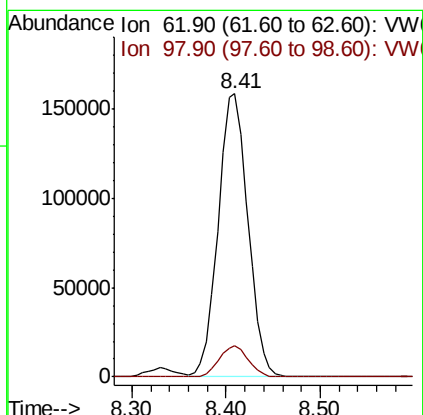
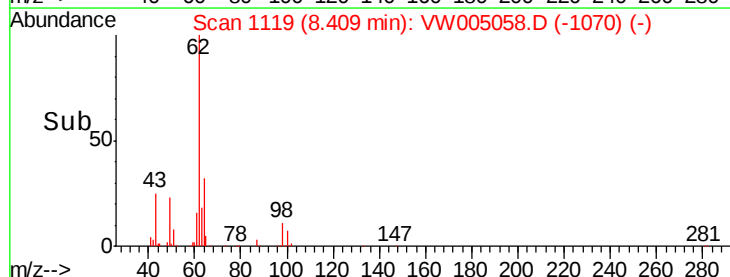
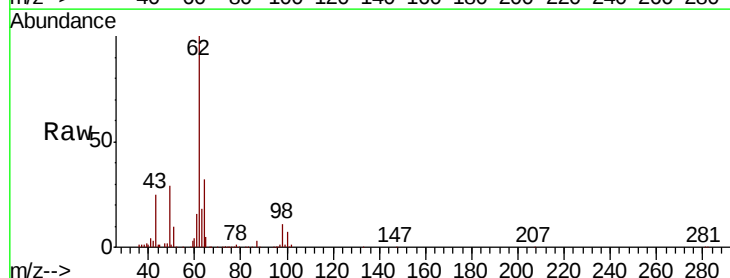
Manual Integrations
APPROVED

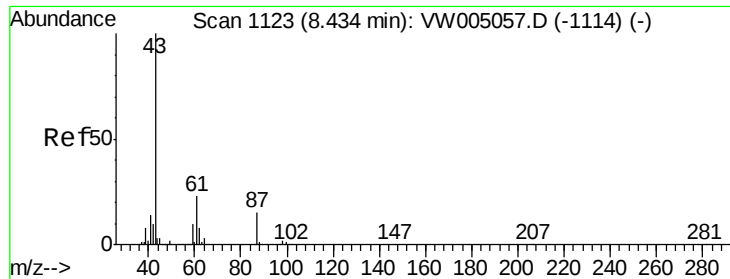
apatel
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#42
1,2-Dichloroethane
Concen: 76.22 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 77.13 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

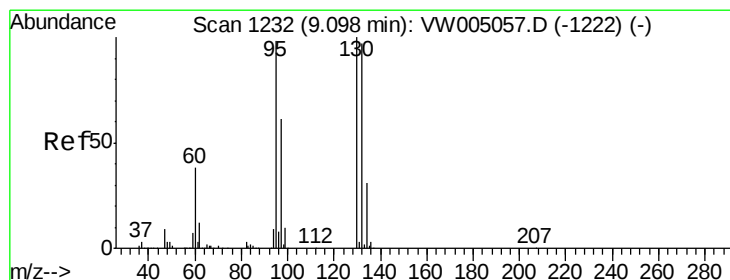
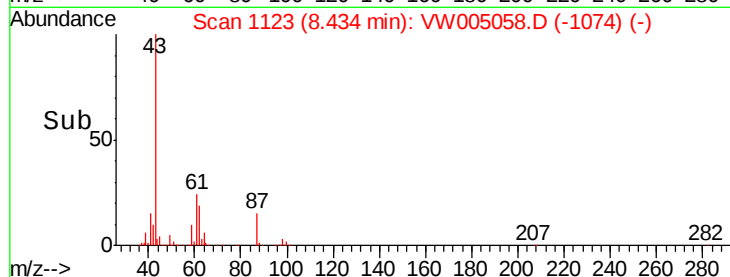
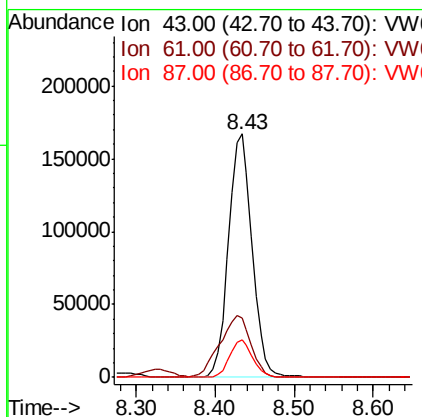
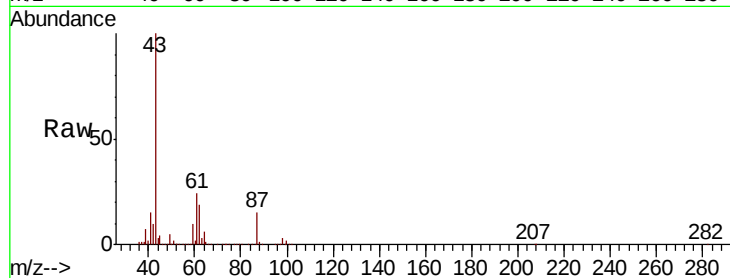
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	347336
Ion	Ratio	Lower	Upper
43	100		
61	33.3	26.8	40.2
87	15.1	11.6	17.4

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#44

Trichloroethene

Concen: 77.62 ug/l

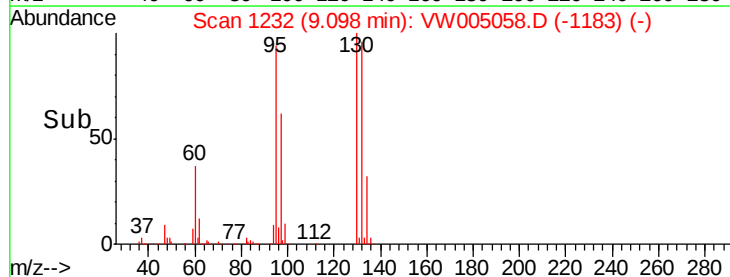
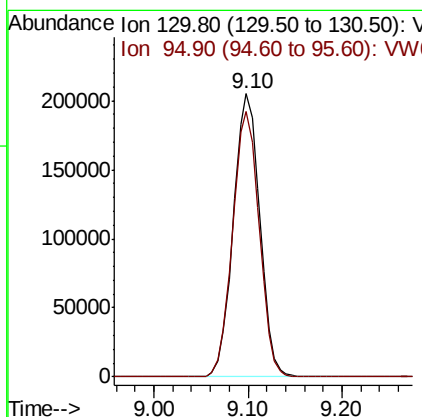
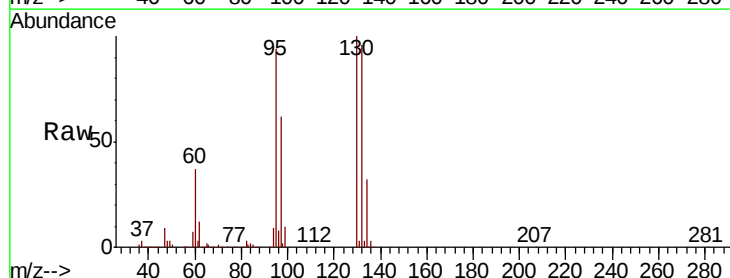
RT: 9.10 min Scan# 1232

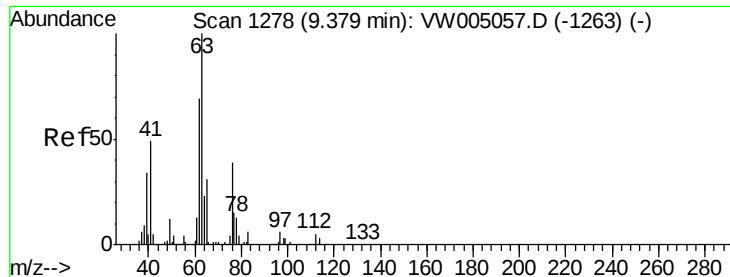
Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	130	Resp:	400949
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	195.2





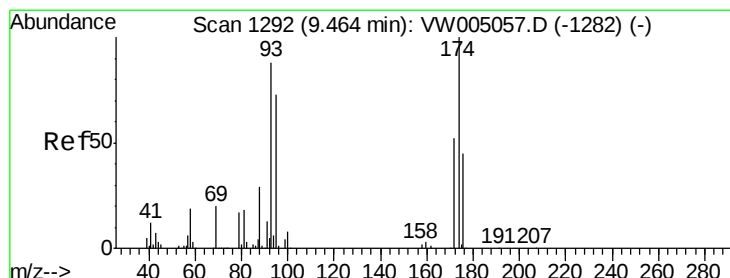
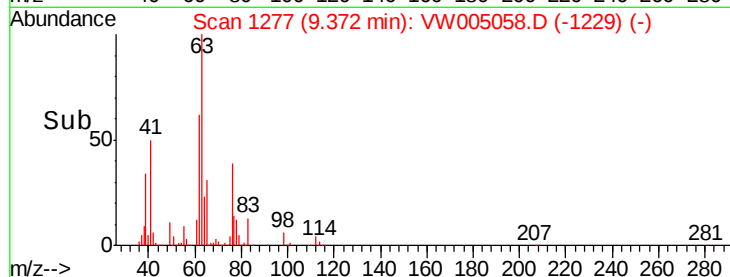
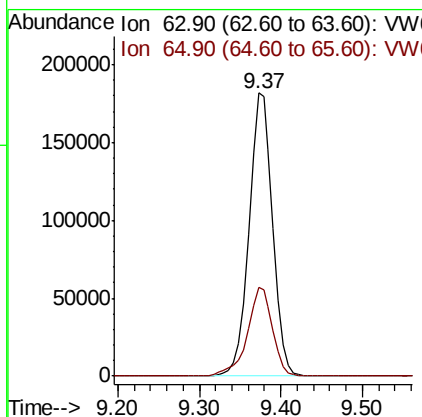
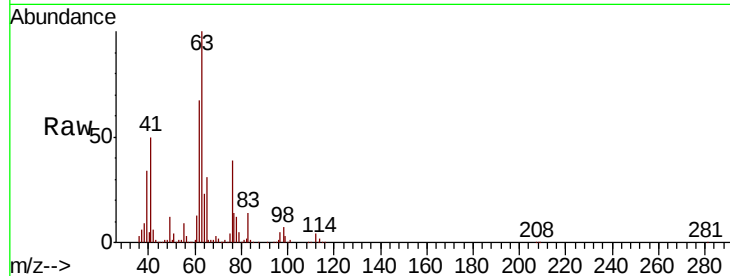
#45
 1,2-Dichloropropane
 Concen: 79.25 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	37.0

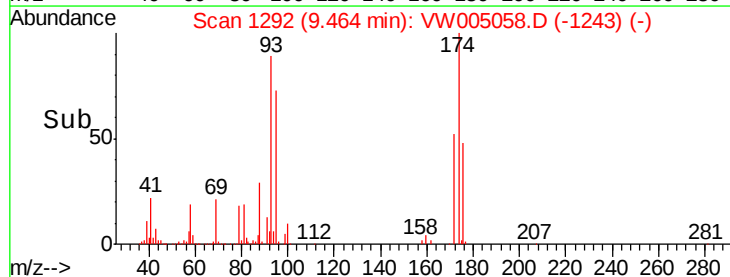
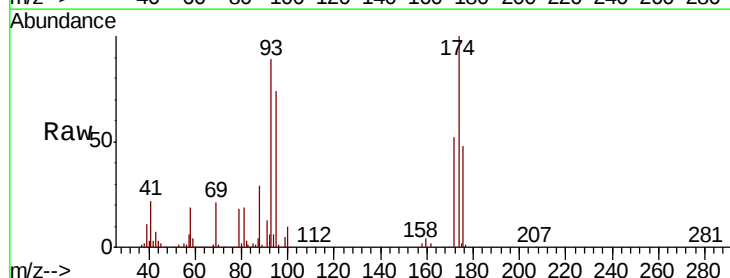
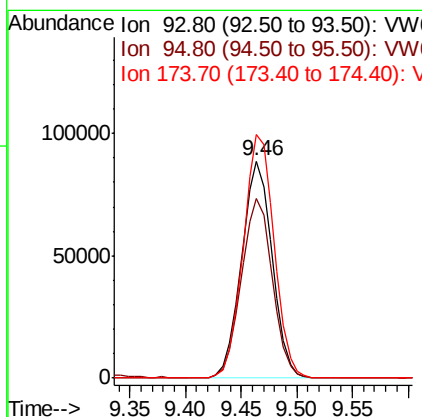
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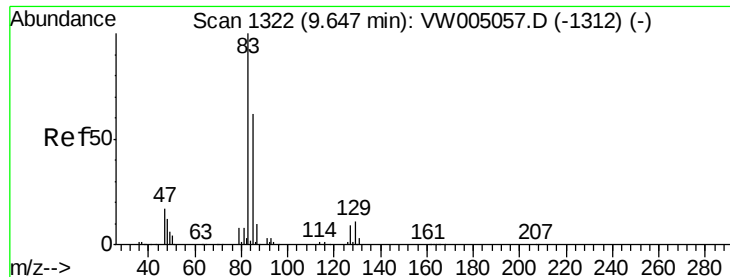
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#46
 Dibromomethane
 Concen: 76.59 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	113.2	92.0	138.0





#47

Bromodichloromethane

Concen: 78.65 ug/l

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

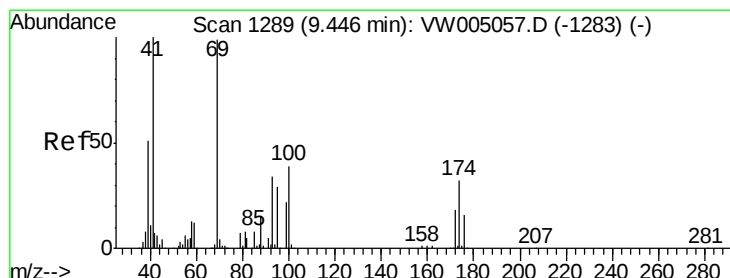
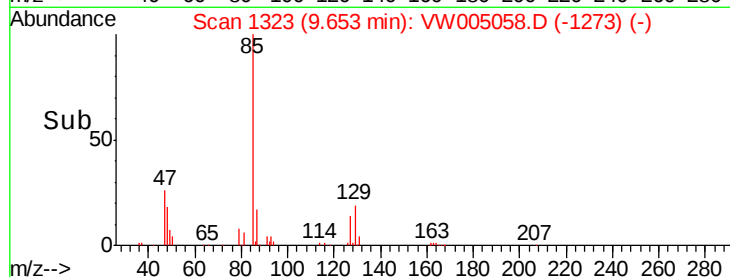
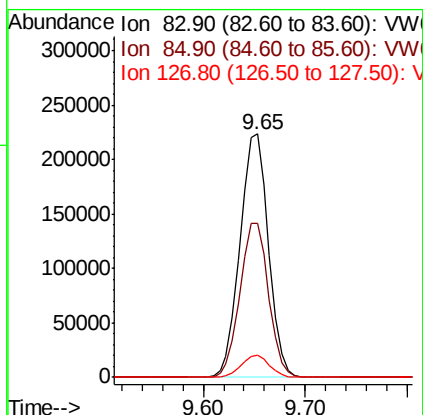
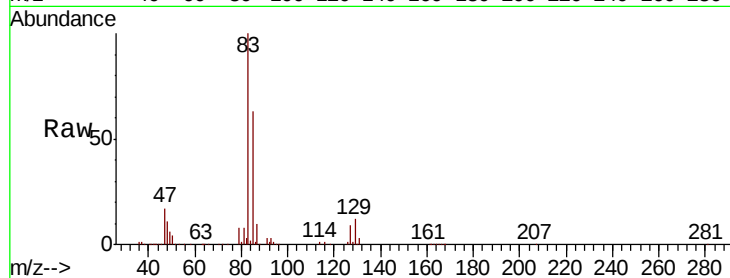
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	430819
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.8	74.6
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 75.00 ug/l

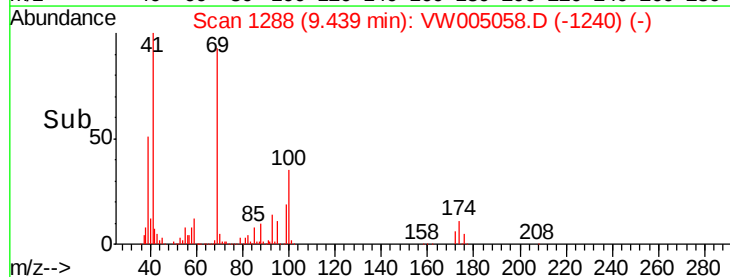
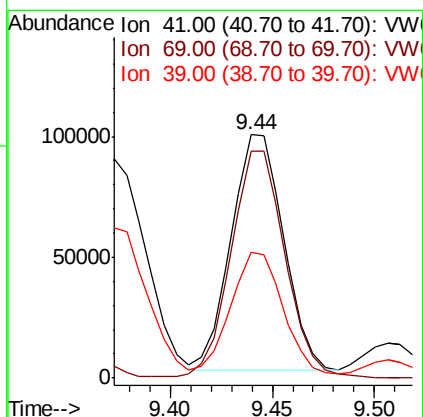
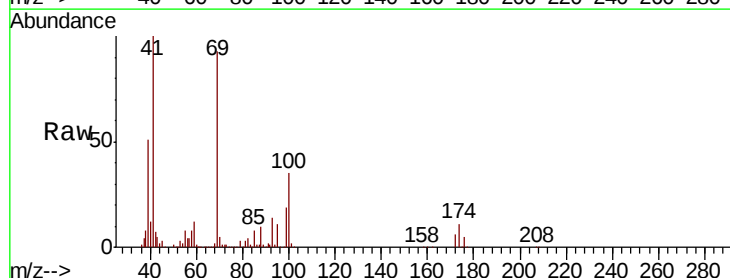
RT: 9.44 min Scan# 1288

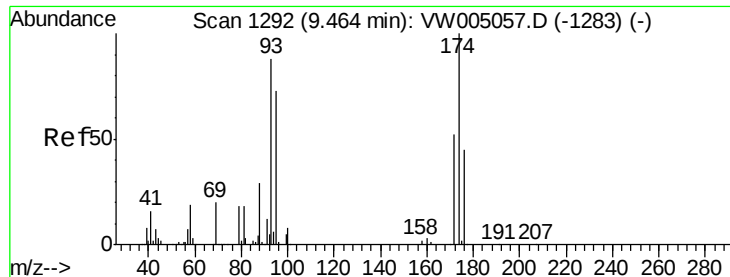
Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	41	Resp:	175187
Ion	Ratio	Lower	Upper
41	100		
69	99.5	80.4	120.6
39	50.3	43.5	65.3





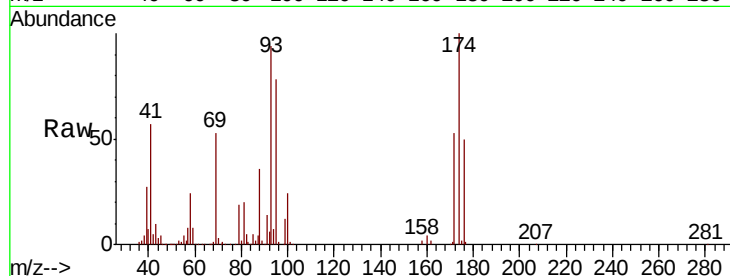
#49
1,4-Dioxane
Concen: 1383.25 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	88	Resp	61758
Ion	Ratio	Lower	Upper
88	100		
43	26.9	19.8	29.6
58	70.9	57.1	85.7

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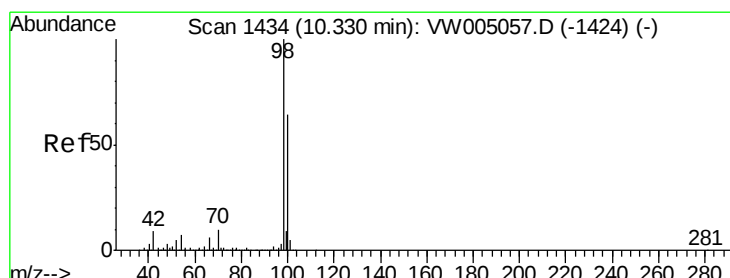
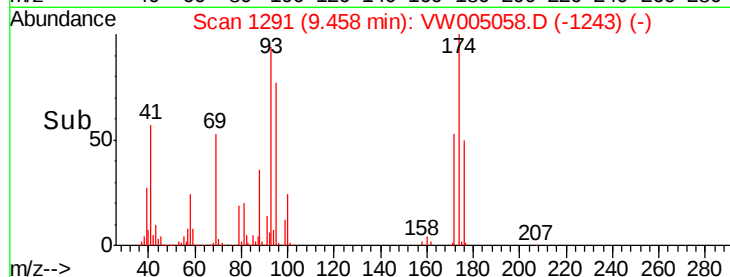
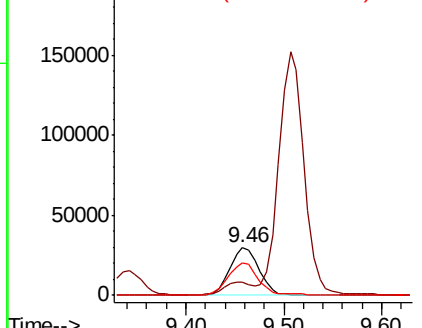


Abundance

Ion 88.00 (87.70 to 88.70): VW

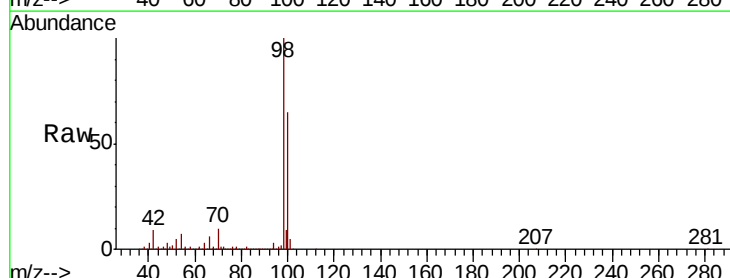
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 70.23 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

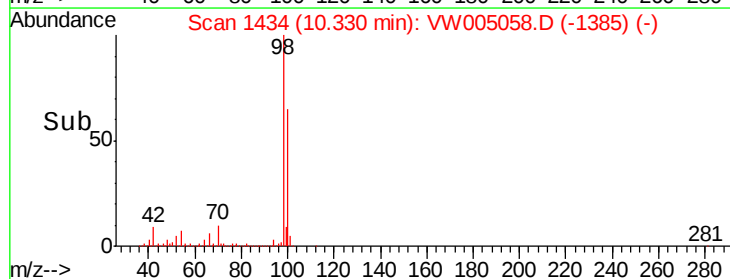
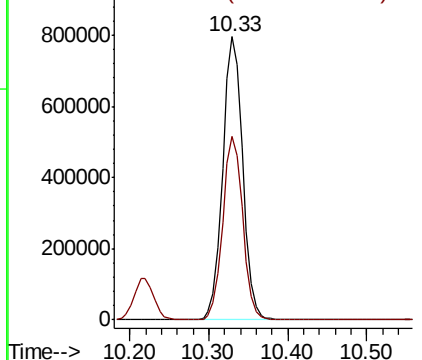
Tgt Ion	98	Resp	1399097
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5

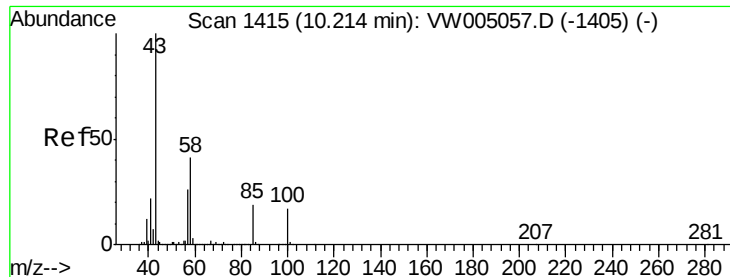


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 364.65 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 1213159

Ion Ratio Lower Upper

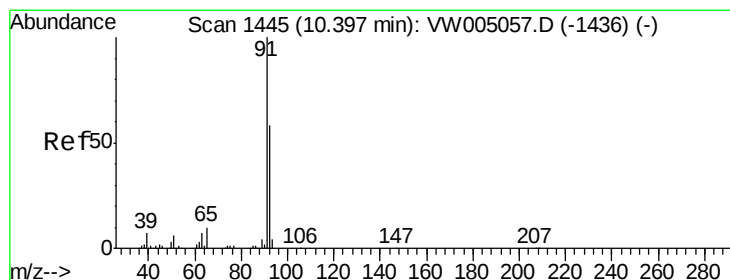
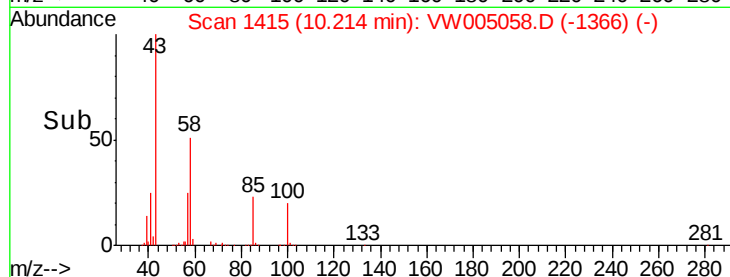
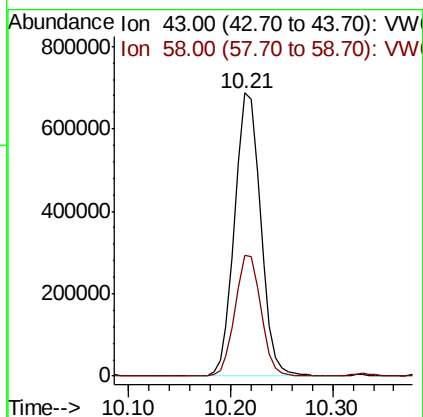
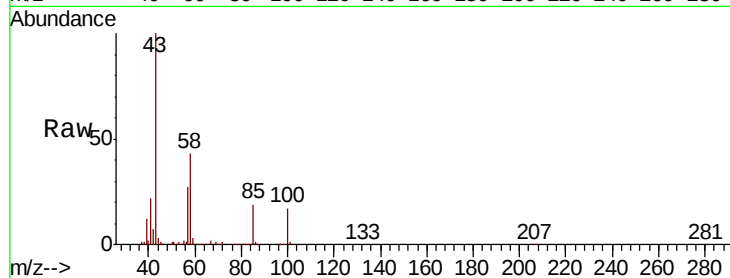
43 100

58 42.3 33.3 49.9

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#52

Toluene

Concen: 70.83 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005058.D

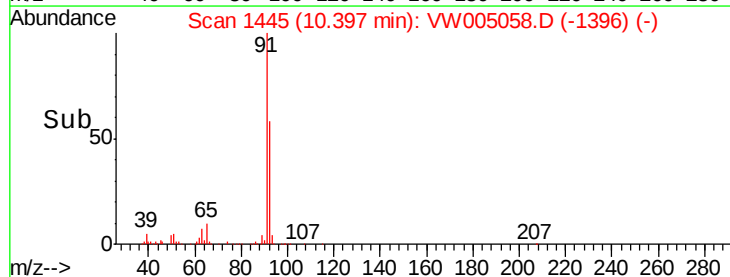
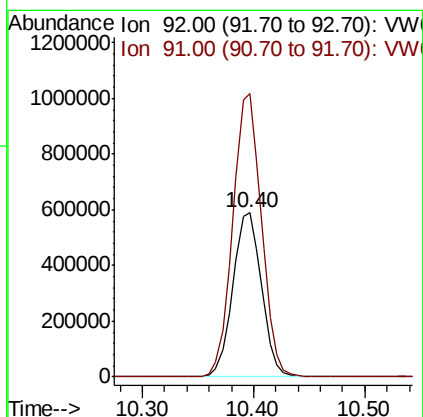
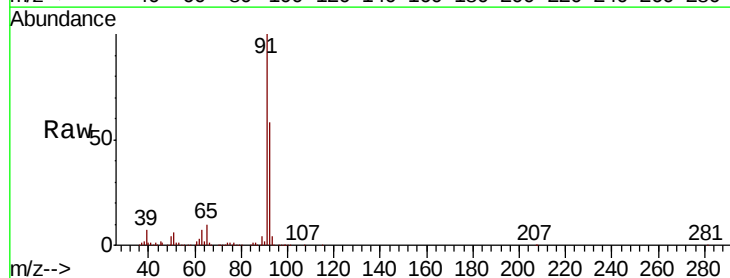
Acq: 01 Sep 2018 01:29

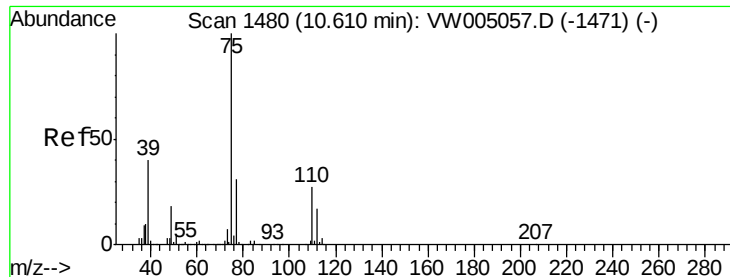
Tgt Ion: 92 Resp: 1050361

Ion Ratio Lower Upper

92 100

91 172.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 79.61 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 456779

Ion Ratio Lower Upper

75 100

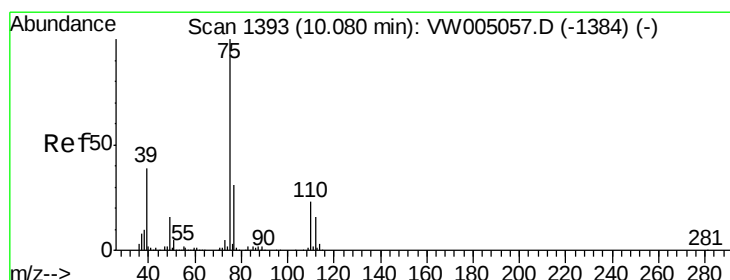
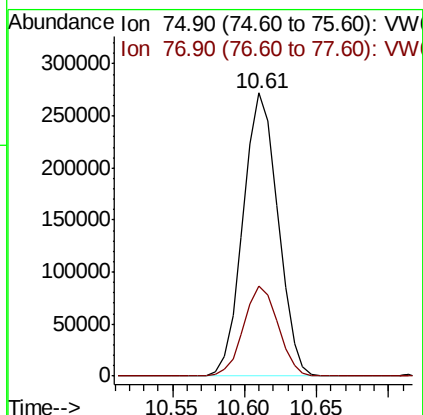
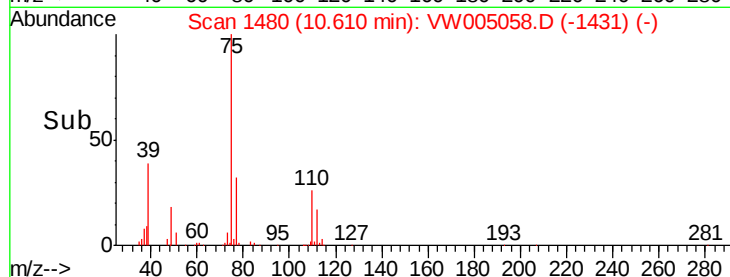
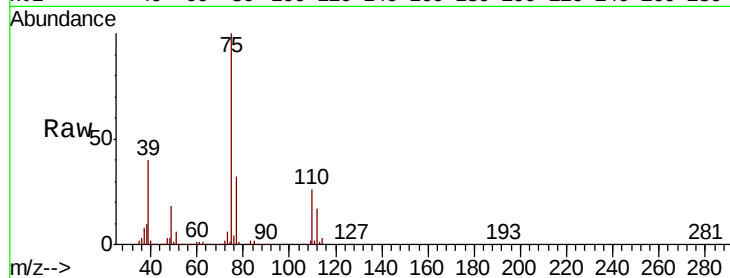
77 31.6 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 81.67 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

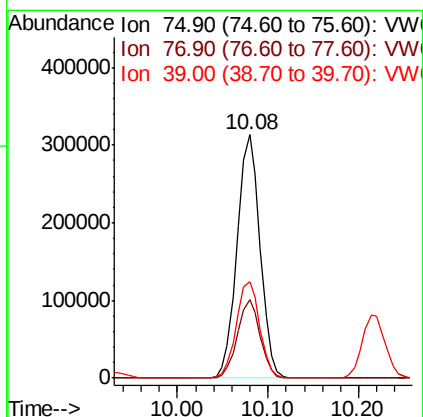
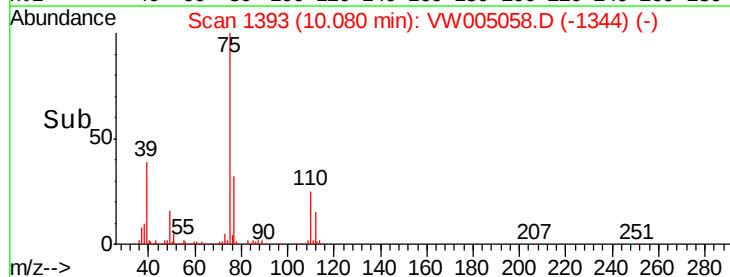
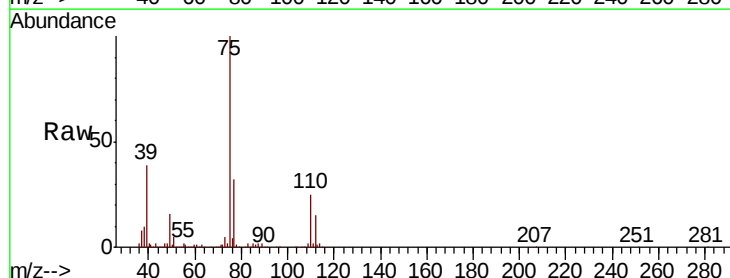
Tgt Ion: 75 Resp: 550286

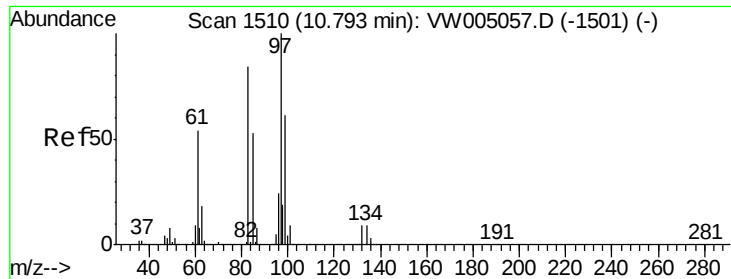
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 39.4 31.0 46.6





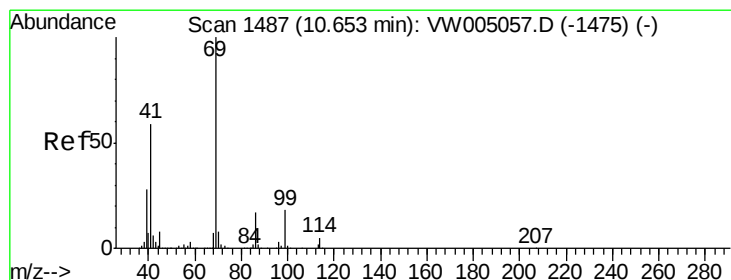
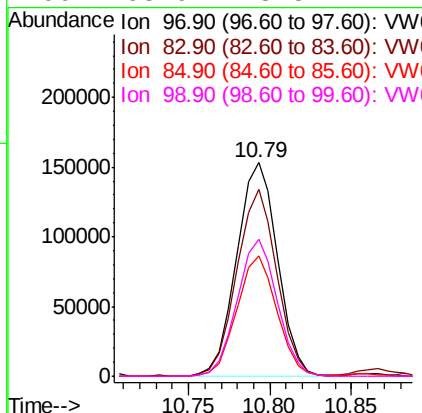
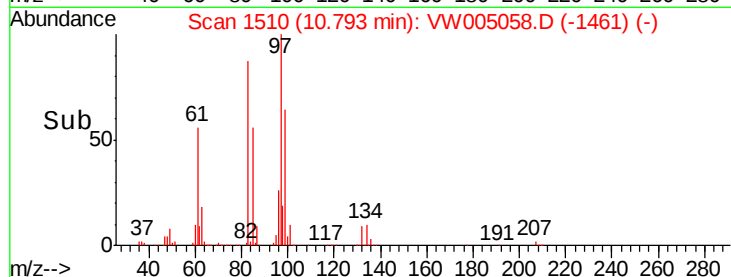
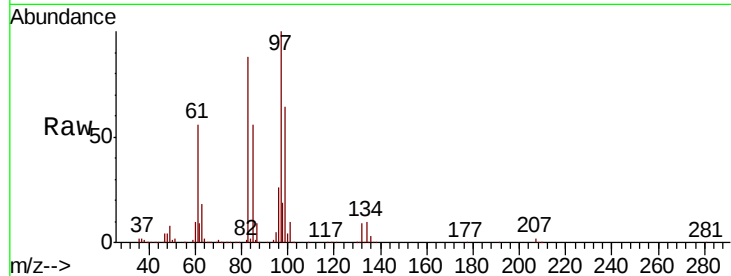
#55
 1,1,2-Trichloroethane
 Concen: 74.87 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		267703		
83	87.4	67.0	100.6		
85	56.1	42.3	63.5		
99	63.9	48.5	72.7		

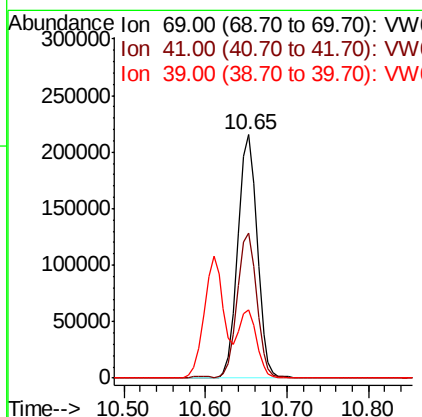
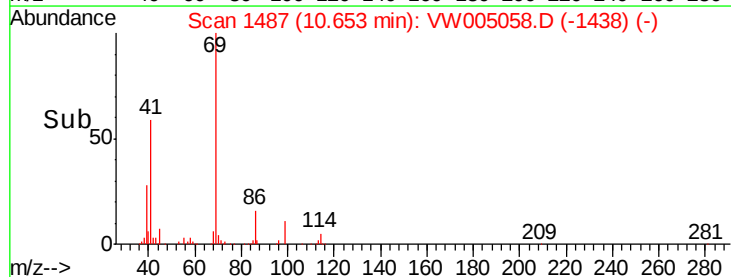
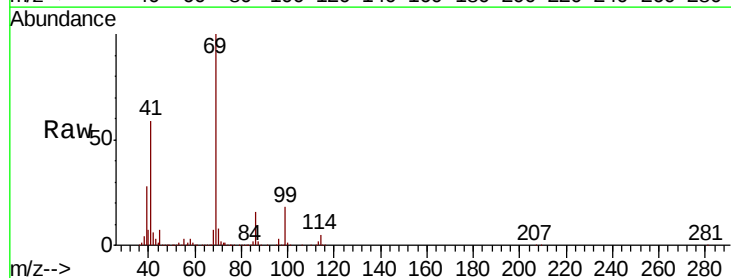
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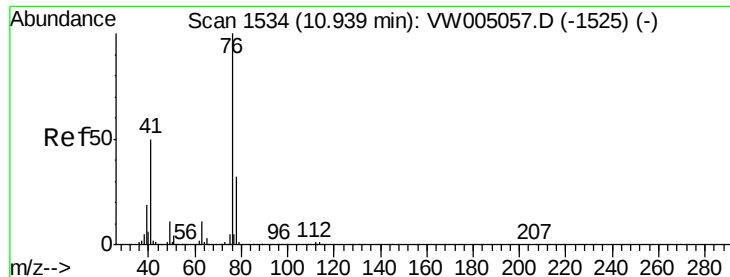
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#56
 Ethyl methacrylate
 Concen: 75.96 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		350441		
41	59.5	47.8	71.6		
39	25.7	21.1	31.7		





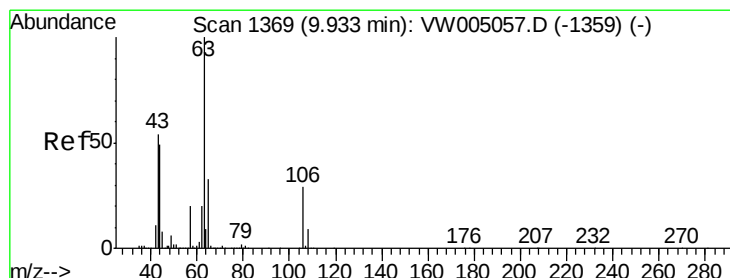
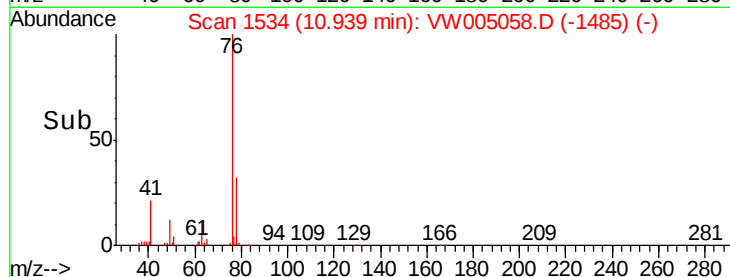
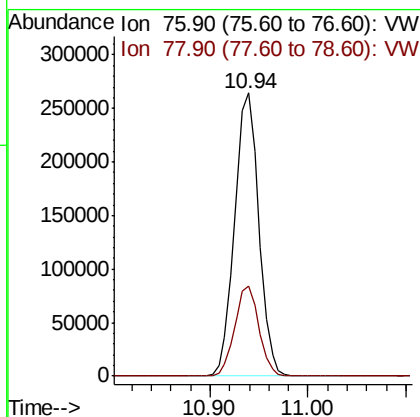
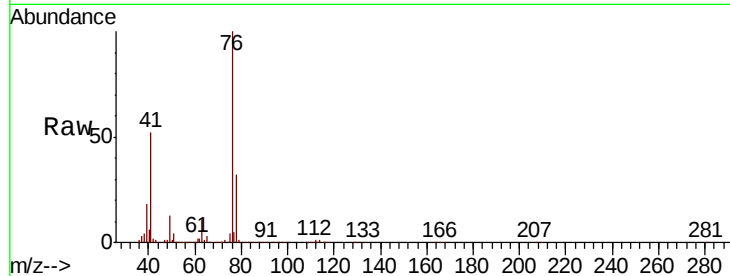
#57
 1,3-Dichloropropane
 Concen: 77.69 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 76 Resp: 455180
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5

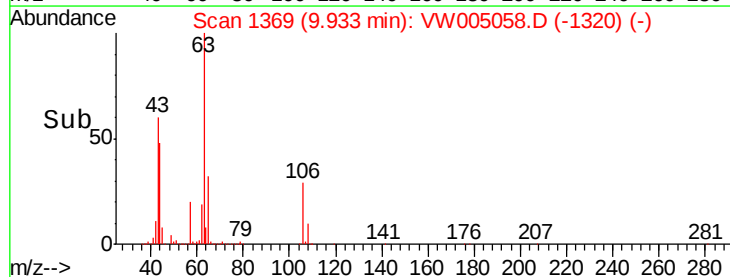
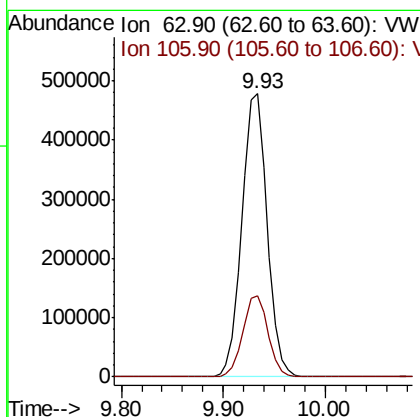
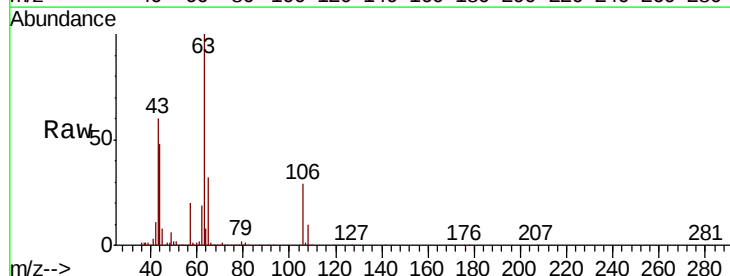
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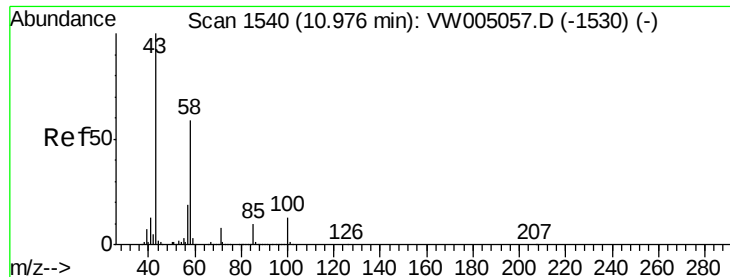
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#58
 2-Chloroethyl Vinyl ether
 Concen: 409.04 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion: 63 Resp: 821127
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.1 34.7





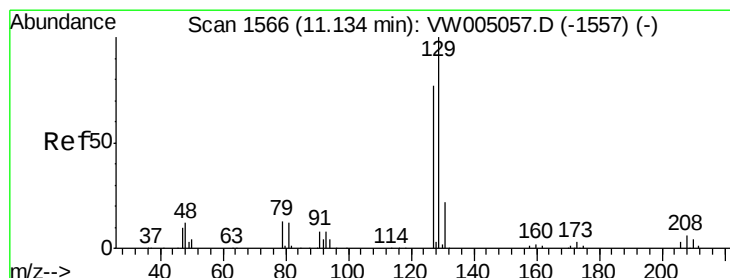
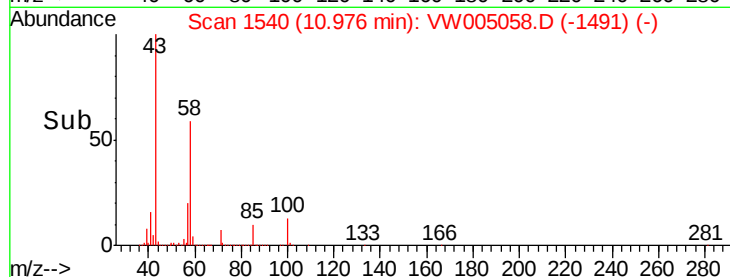
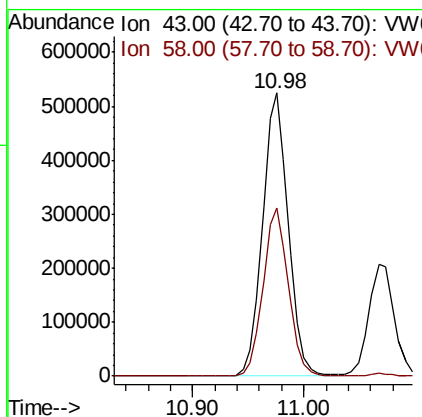
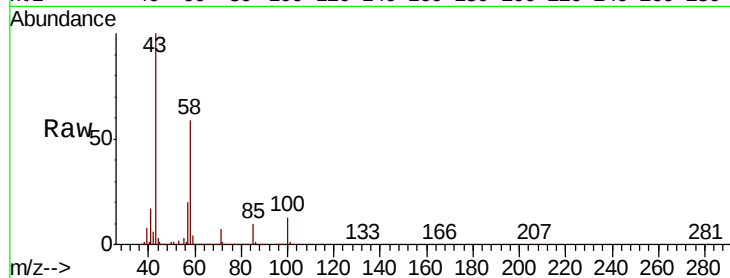
#59
2-Hexanone
Concen: 352.81 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 843699
Ion Ratio Lower Upper
43 100
58 58.6 28.7 86.3

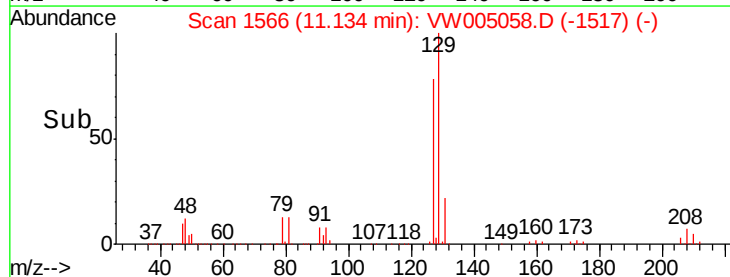
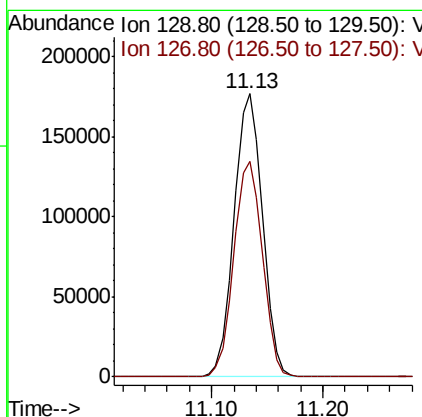
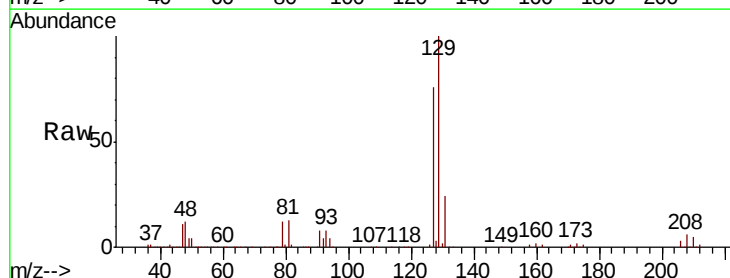
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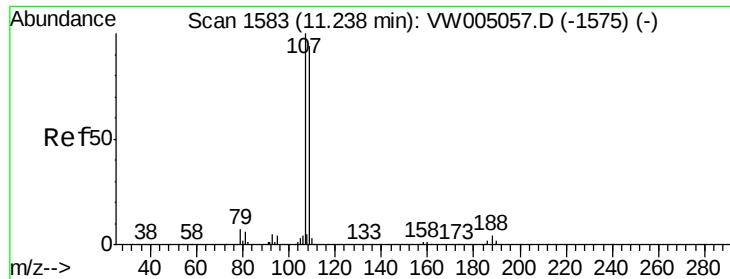
apatel
9/4/2018 9:37:08 AM



#60
Dibromochloromethane
Concen: 79.66 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion: 129 Resp: 312147
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 74.39 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 247012

Ion Ratio Lower Upper

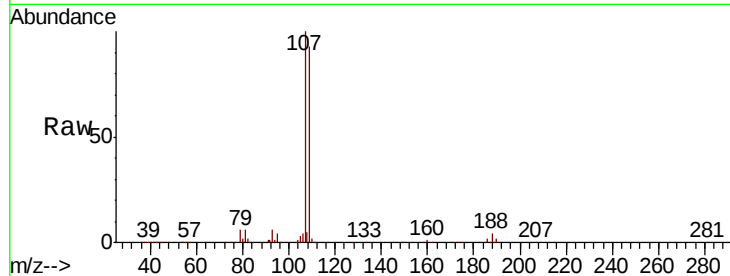
107 100

109 94.3 75.9 113.9

Manual Integrations
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apatel

9/4/2018 9:37:08 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

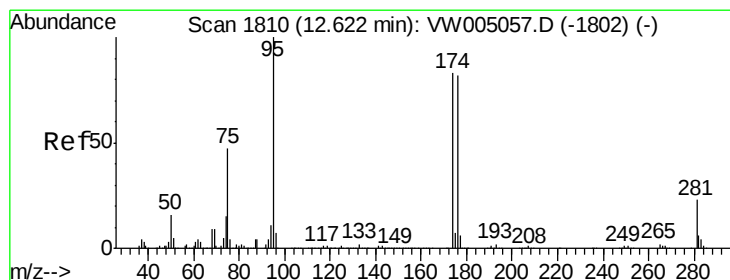
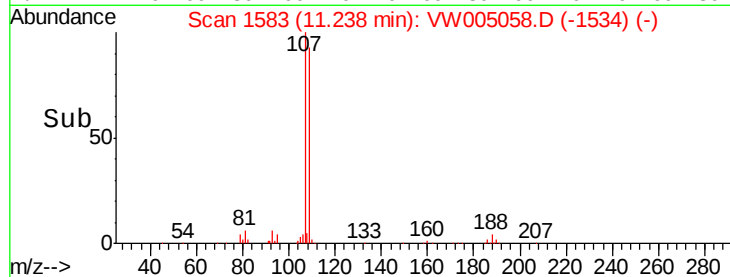
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 68.64 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

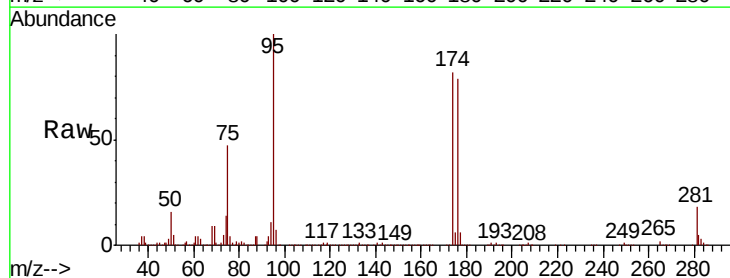
Tgt Ion: 95 Resp: 497268

Ion Ratio Lower Upper

95 100

174 86.9 0.0 173.4

176 83.8 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

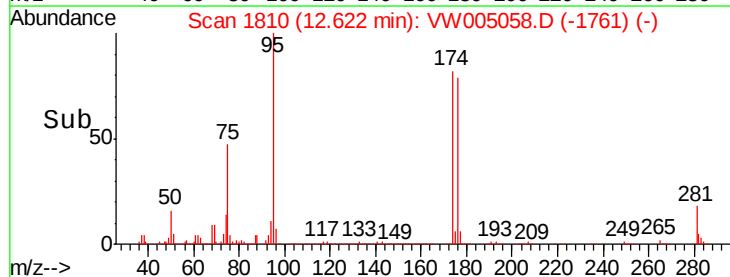
300000

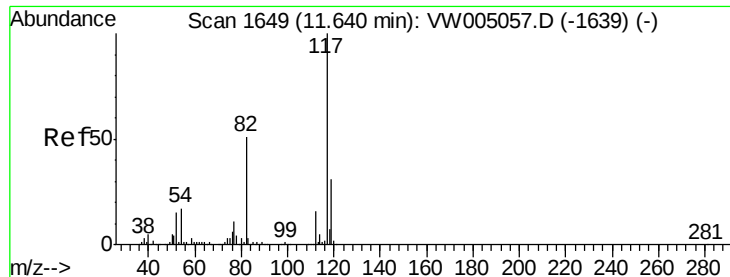
200000

100000

0

Time-->





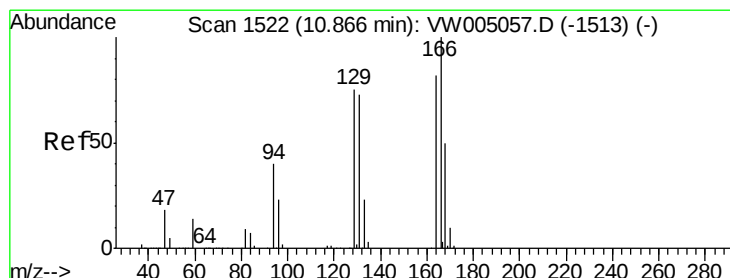
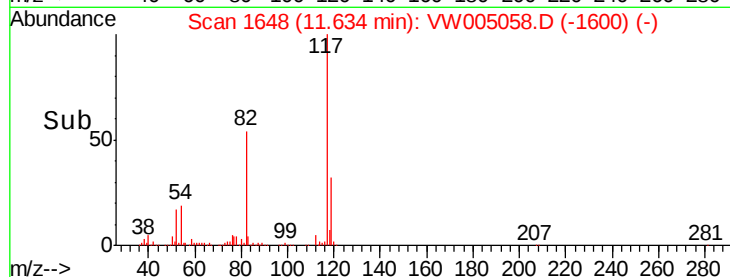
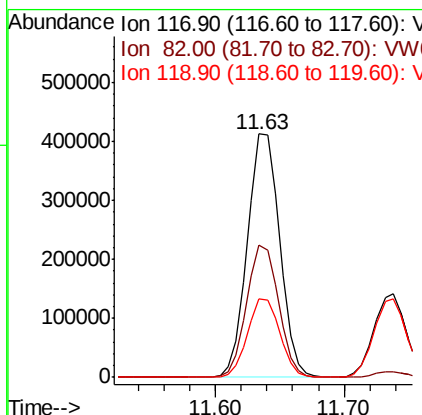
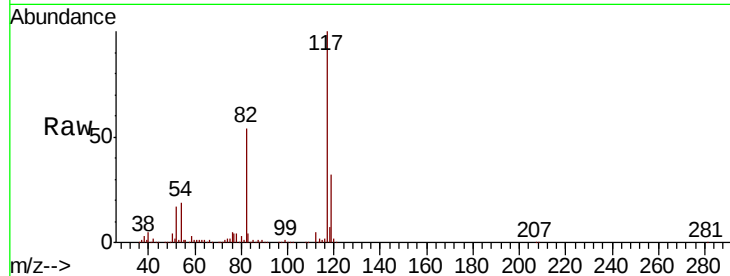
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	40.9	61.3
119	32.4	24.9	37.3

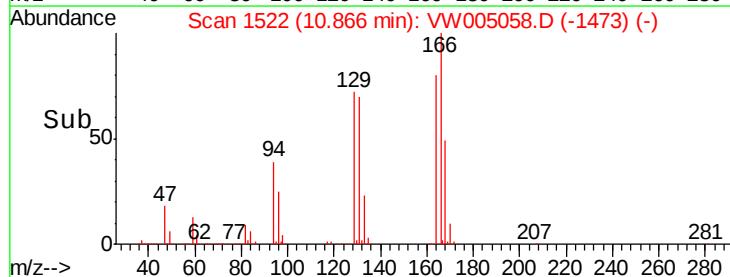
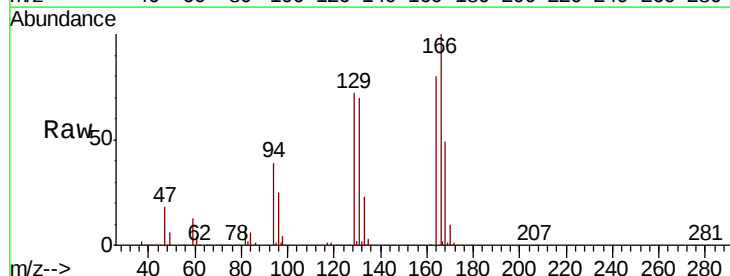
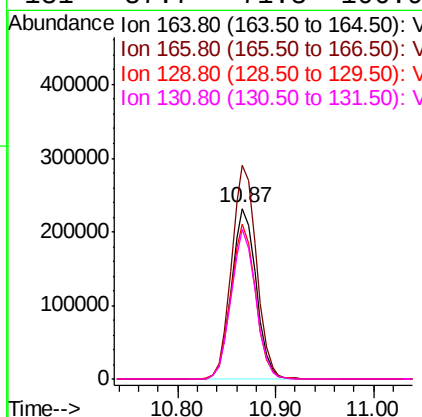
Manual Integrations
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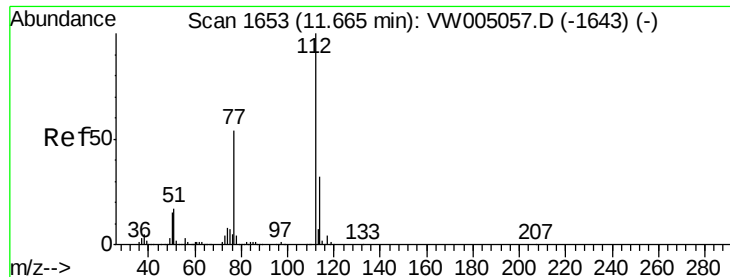
apatel
9/4/2018 9:37:08 AM



#64
Tetrachloroethene
Concen: 76.14 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	97.3	145.9
129	90.8	73.1	109.7
131	87.7	71.3	106.9





#65

Chlorobenzene

Concen: 72.75 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:112 Resp: 1156505

Ion Ratio Lower Upper

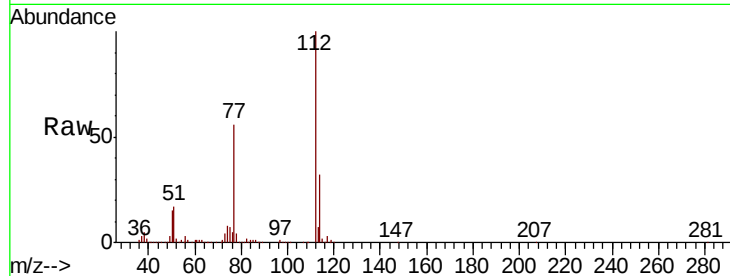
112 100

114 32.2 26.0 39.0

Manual Integrations
APPROVED

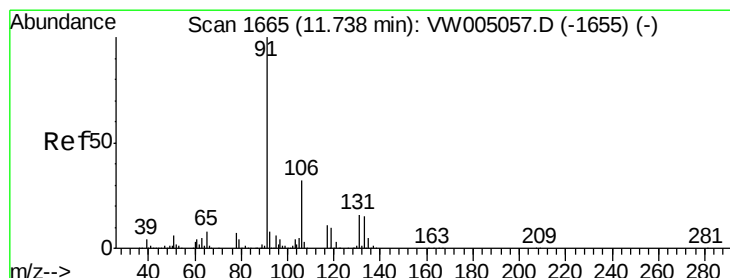
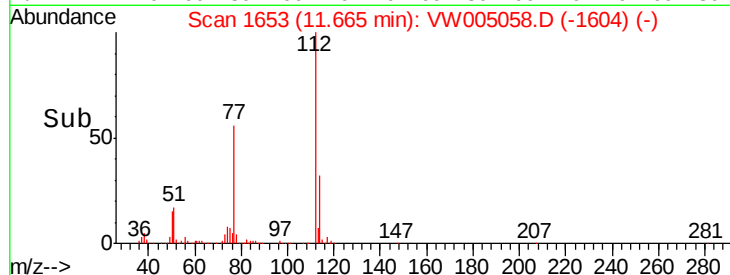
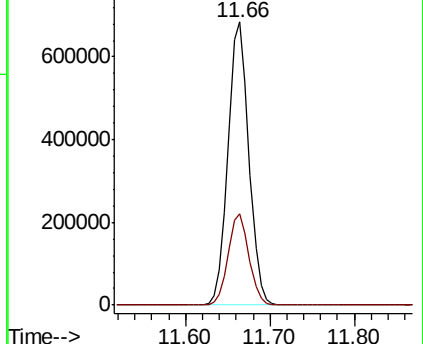
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 80.01 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

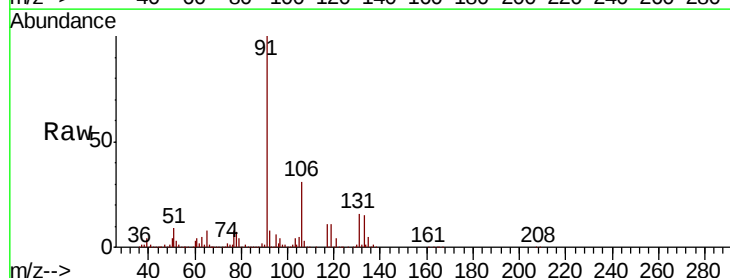
Tgt Ion:131 Resp: 352028

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.3

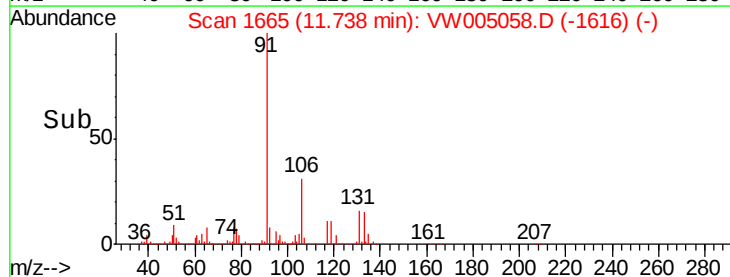
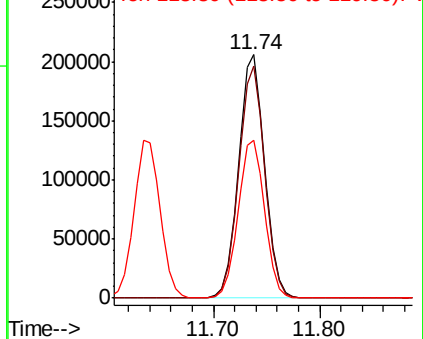
119 66.3 33.4 100.1

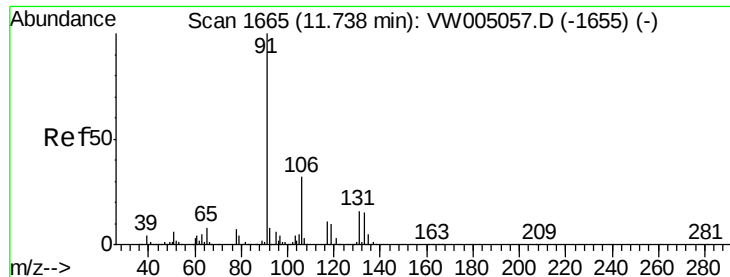


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





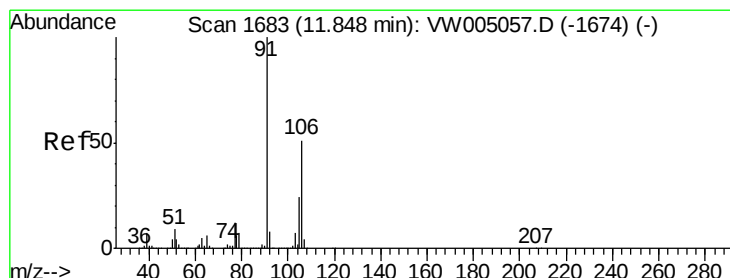
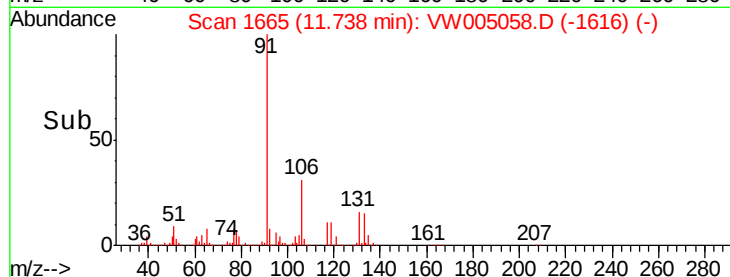
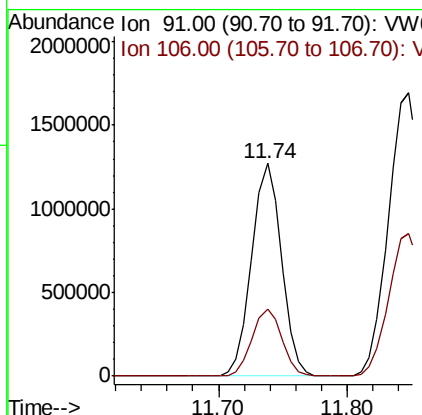
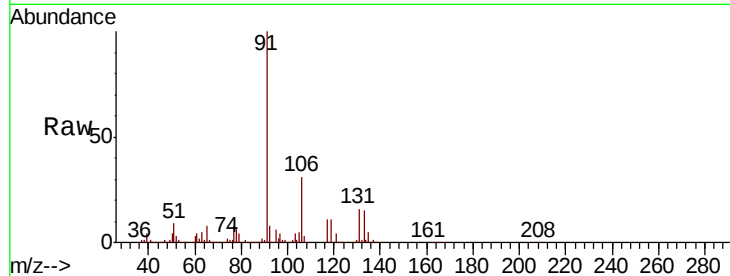
#67
Ethyl Benzene
Concen: 74.73 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 2034018
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

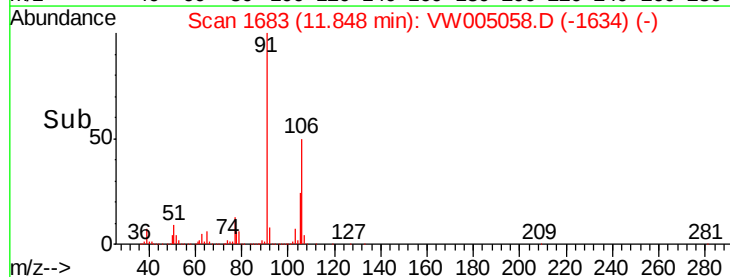
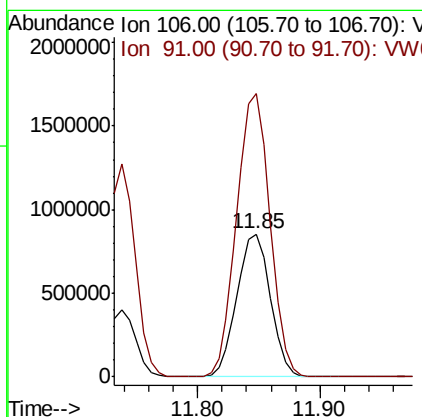
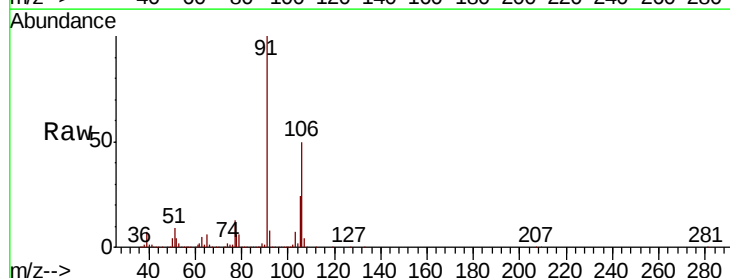
Manual Integrations
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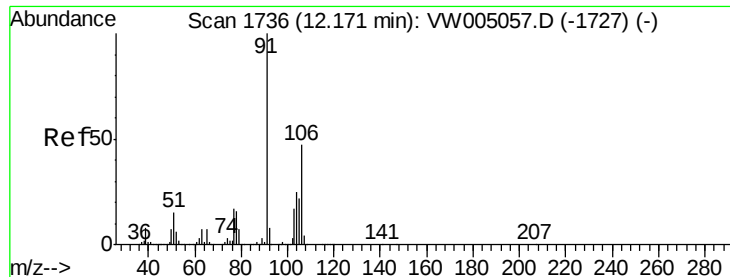
apatel
9/4/2018 9:37:08 AM



#68
m/p-Xylenes
Concen: 146.95 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion: 106 Resp: 1625469
Ion Ratio Lower Upper
106 100
91 197.6 158.4 237.6





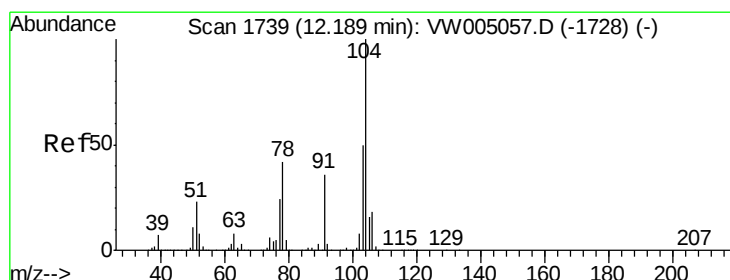
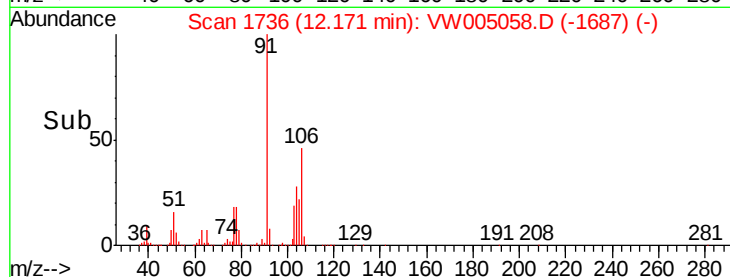
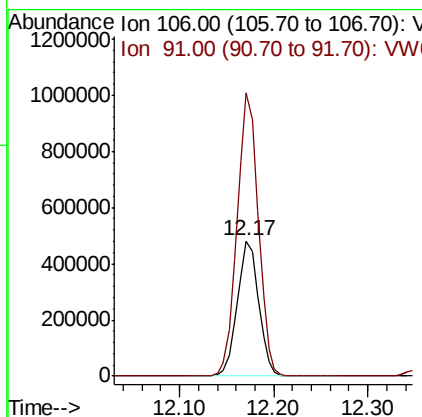
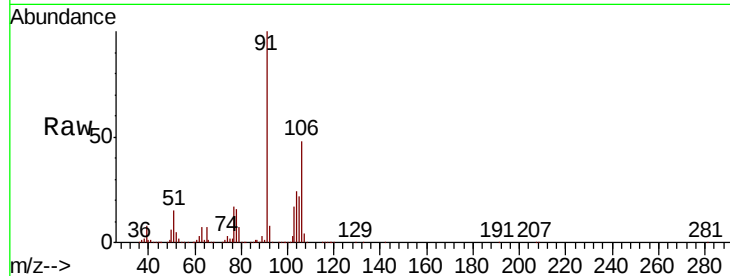
#69
o-Xylene
Concen: 75.16 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		758842		
91	208.4	105.6	316.8		

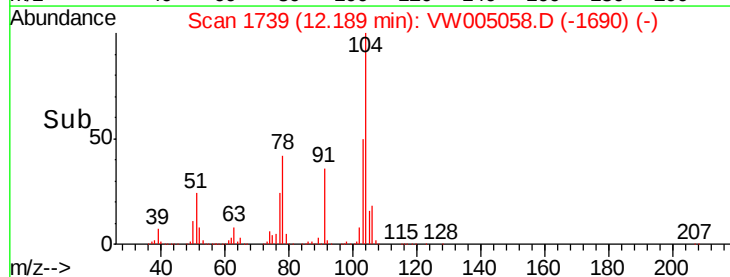
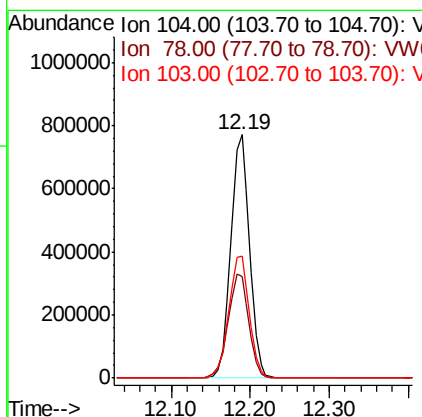
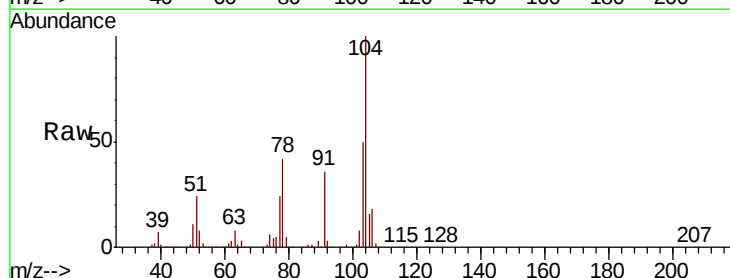
Manual Integrations
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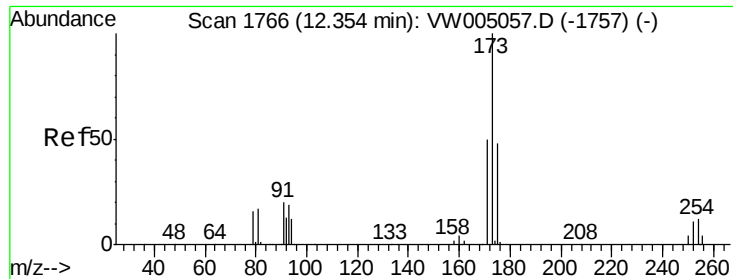
apatel
9/4/2018 9:37:08 AM



#70
Styrene
Concen: 75.91 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.0	37.8	56.6	
103	54.4	44.1	66.1	





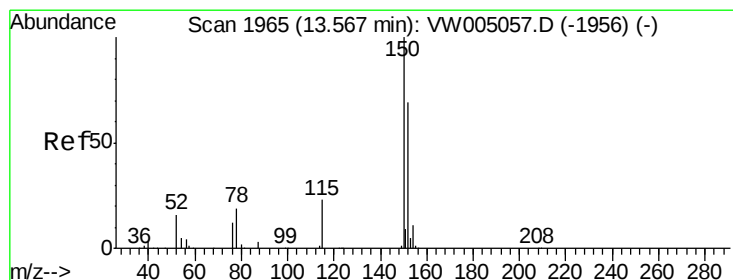
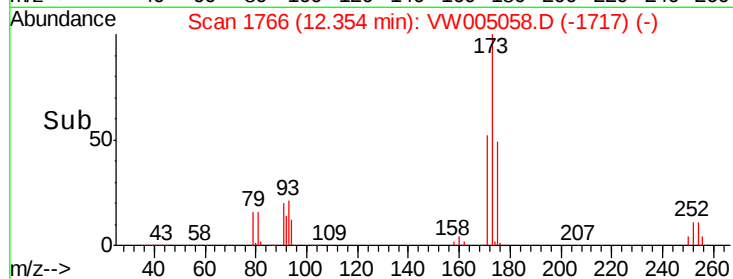
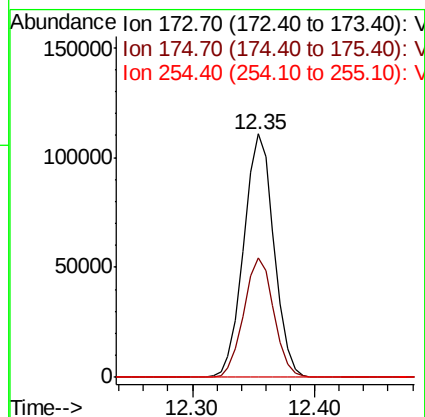
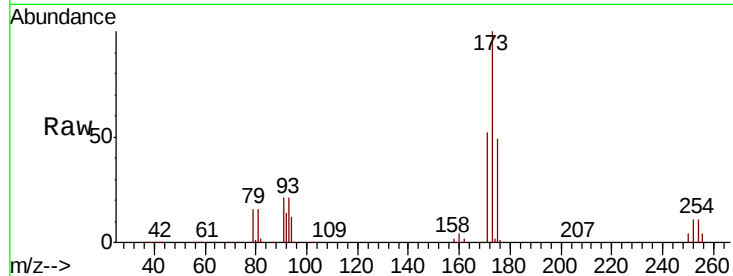
#71
Bromoform
Concen: 77.89 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.2
254	0.1	0.2	0.2

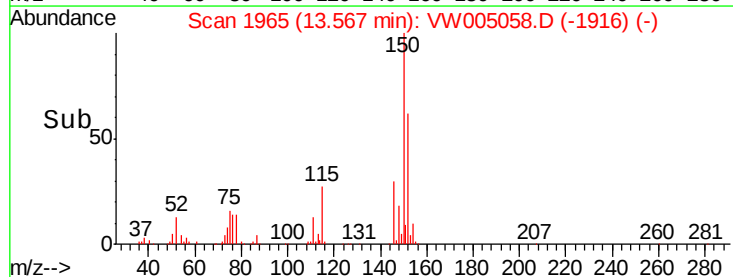
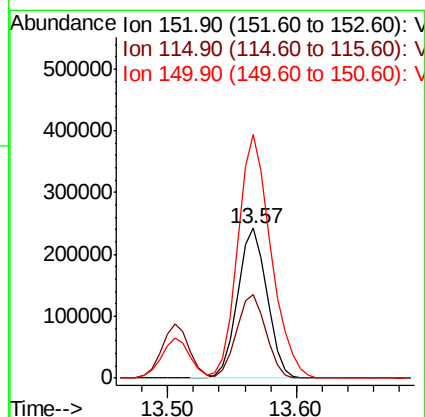
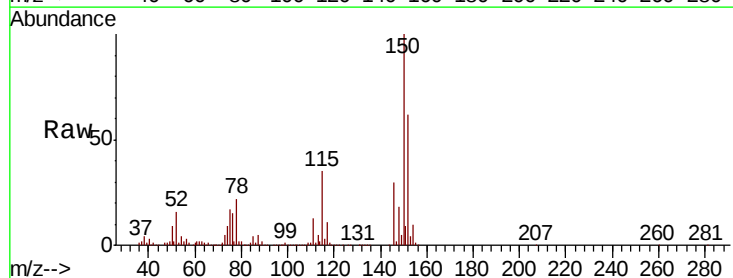
Manual Integrations
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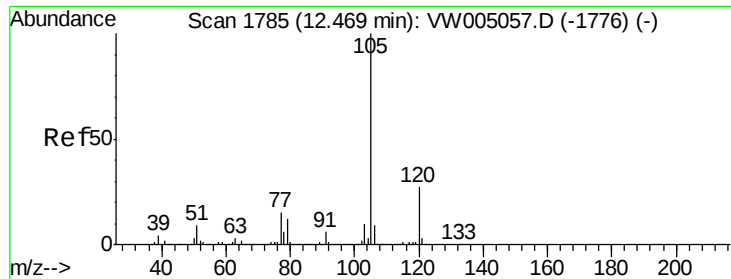
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.8	83.4
150	183.1	0.0	351.4





#73

Isopropylbenzene

Concen: 78.44 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:105 Resp: 2032427

Ion Ratio Lower Upper

105 100

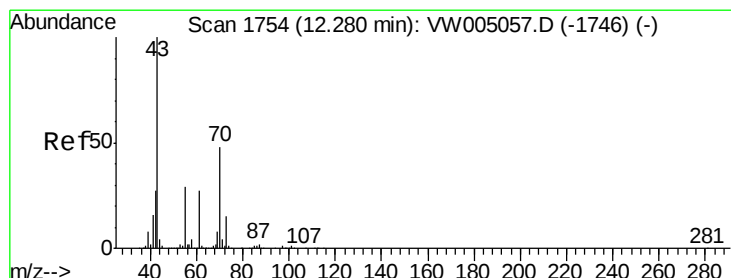
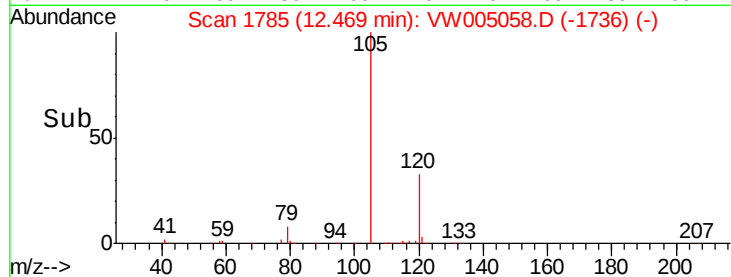
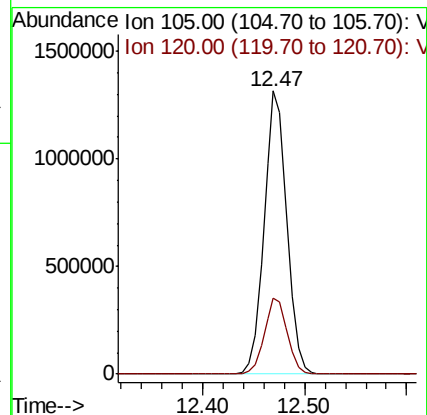
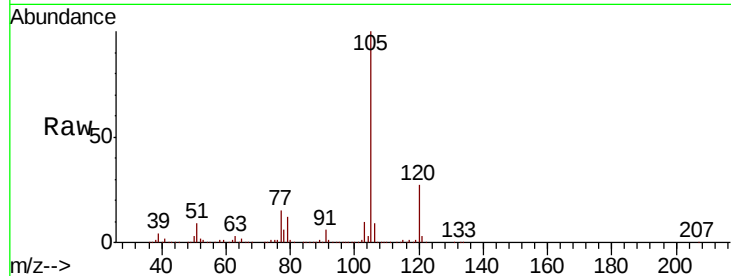
120 27.0 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 76.12 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion: 43 Resp: 365657

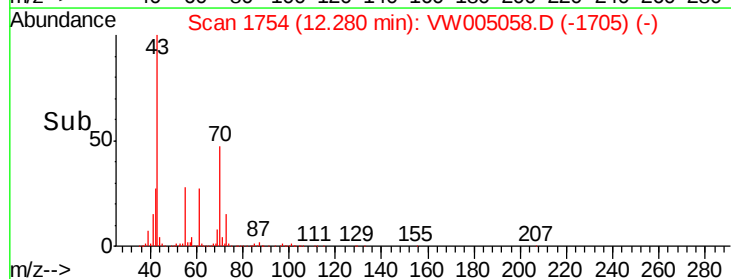
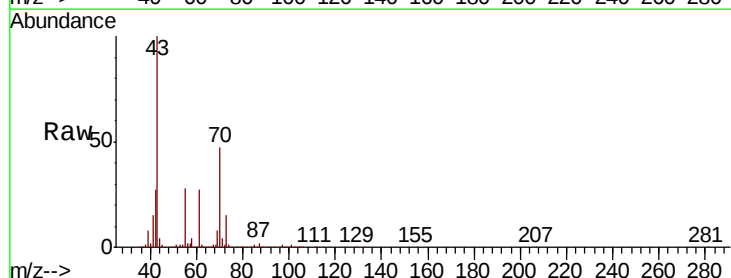
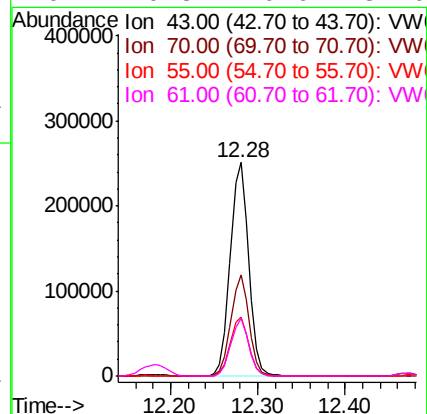
Ion Ratio Lower Upper

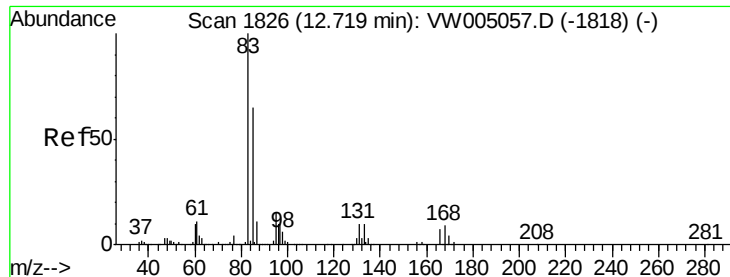
43 100

70 46.8 38.2 57.4

55 28.0 23.2 34.8

61 26.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 76.39 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

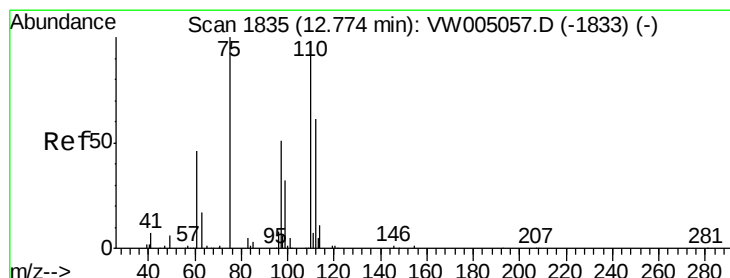
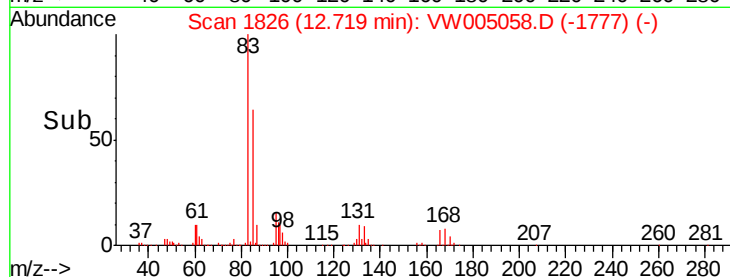
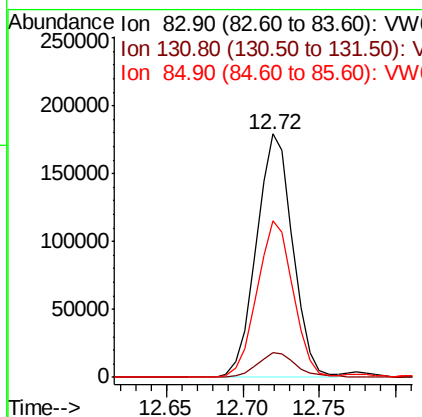
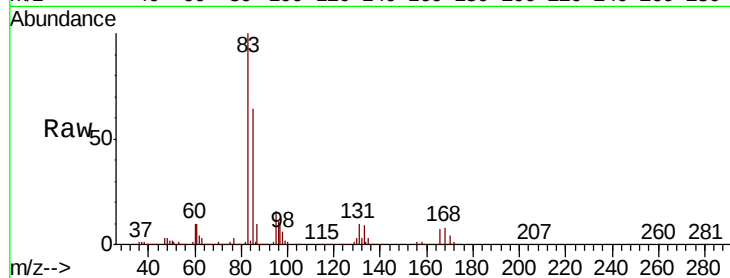
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	297062
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	63.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 74.14 ug/l m

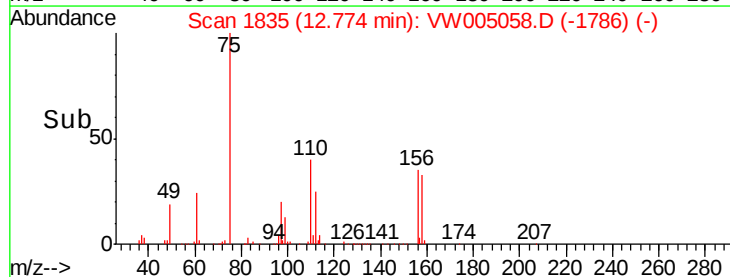
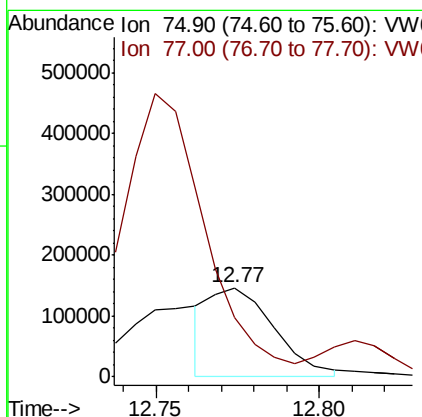
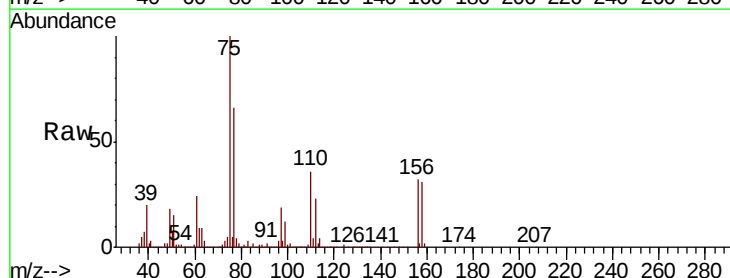
RT: 12.77 min Scan# 1835

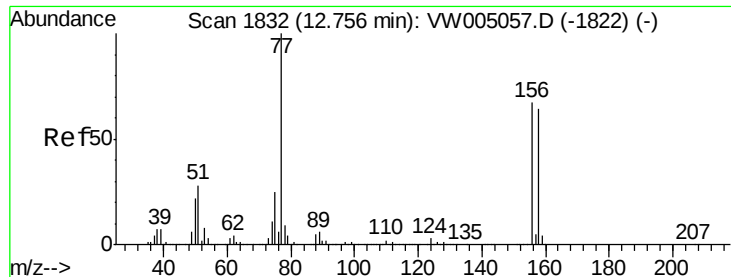
Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Tgt Ion:	75	Resp:	202583
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





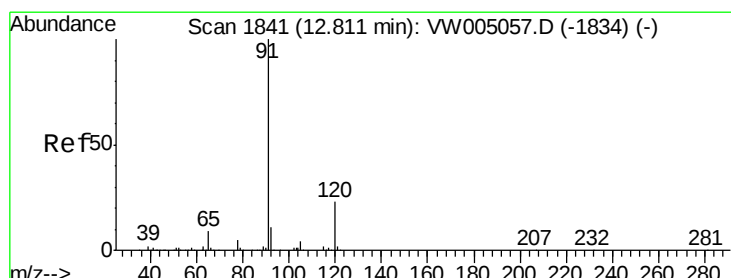
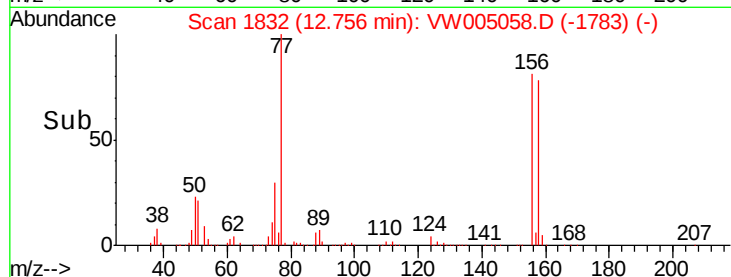
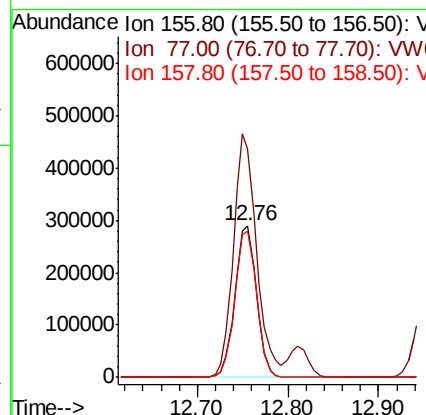
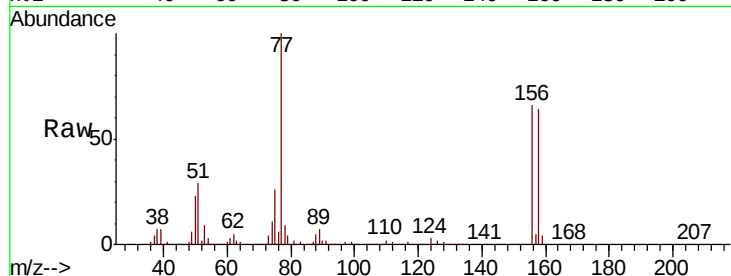
#77
Bromobenzene
Concen: 76.00 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	172.7	85.8	257.4	
158	97.3	48.1	144.4	

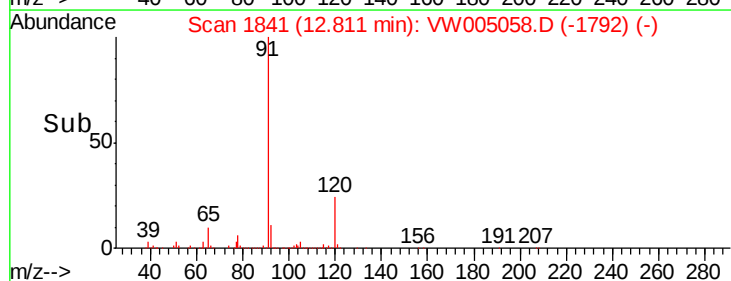
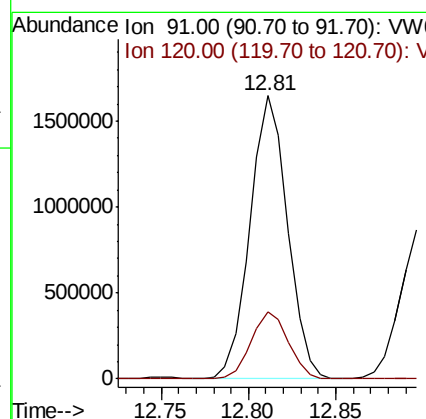
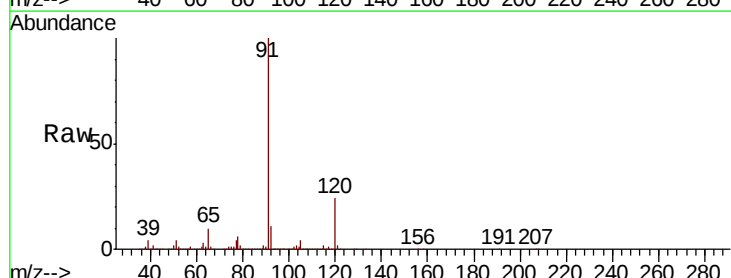
Manual Integrations
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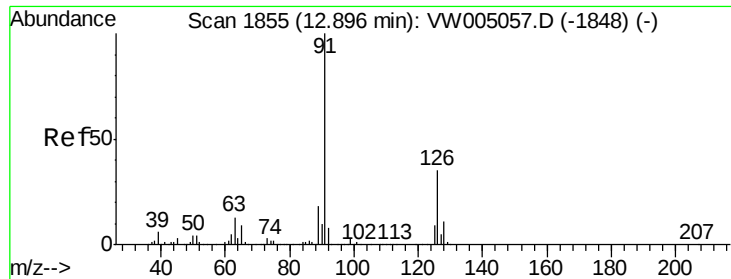
apatel
9/4/2018 9:37:08 AM



#78
n-propylbenzene
Concen: 76.95 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	11.8	35.3	





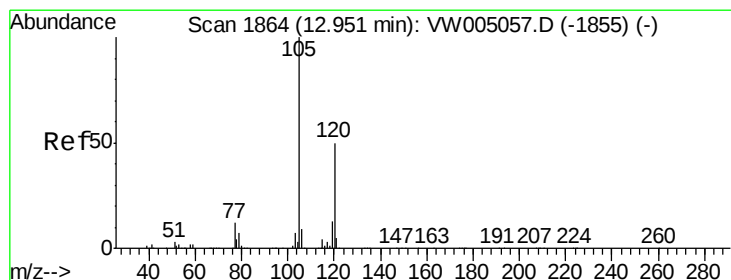
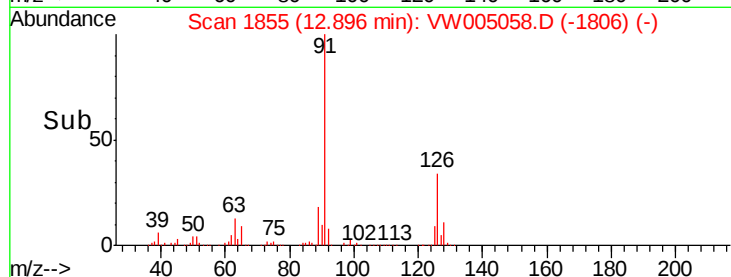
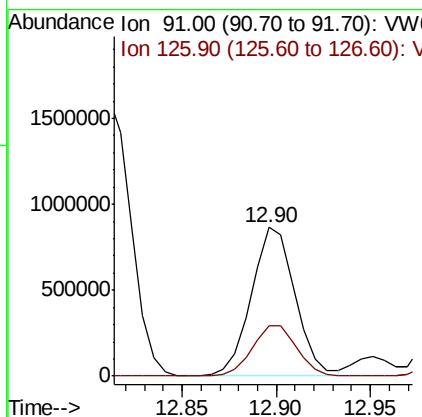
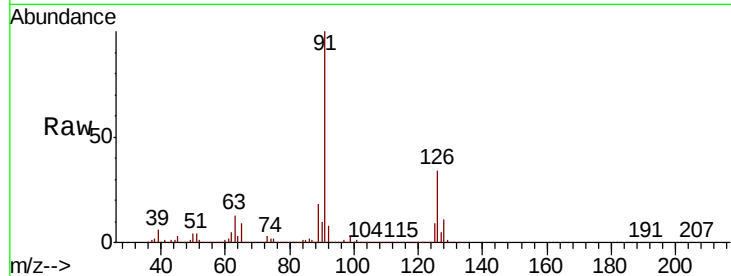
#79
2-Chlorotoluene
Concen: 75.85 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 1395586
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0

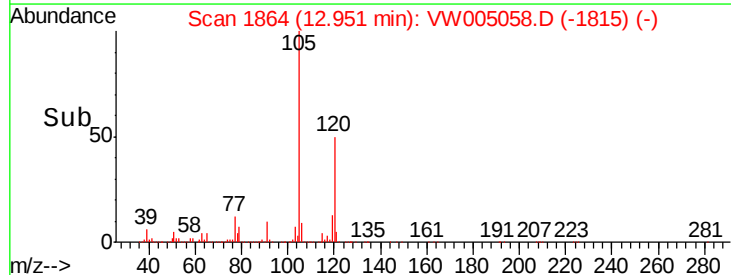
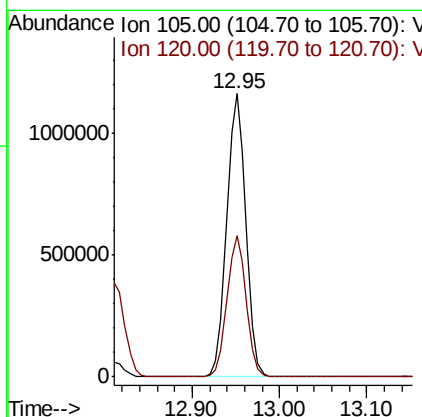
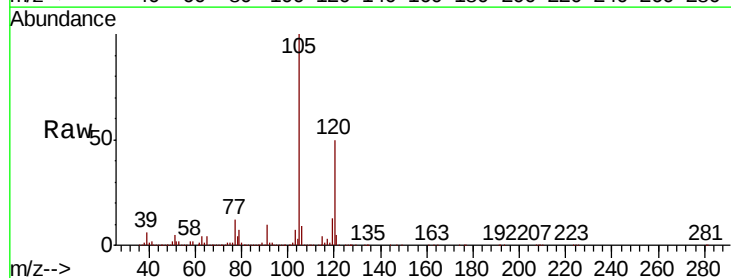
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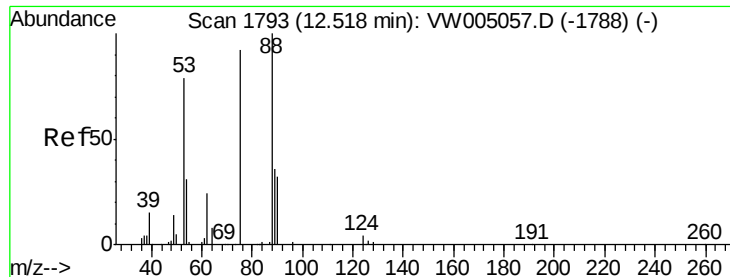
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 76.52 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion: 105 Resp: 1745912
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.8





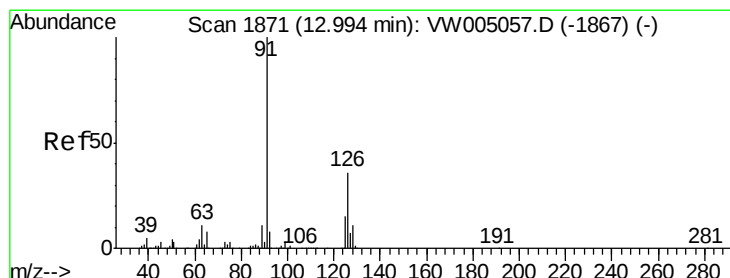
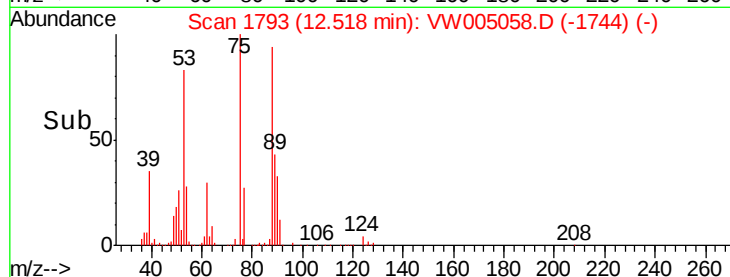
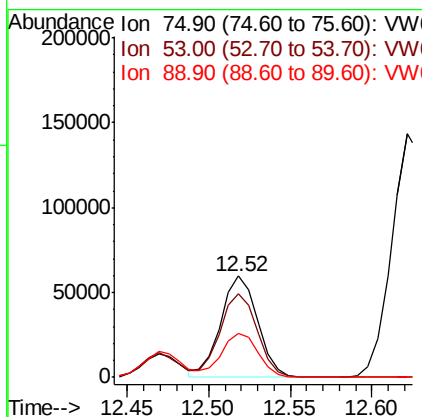
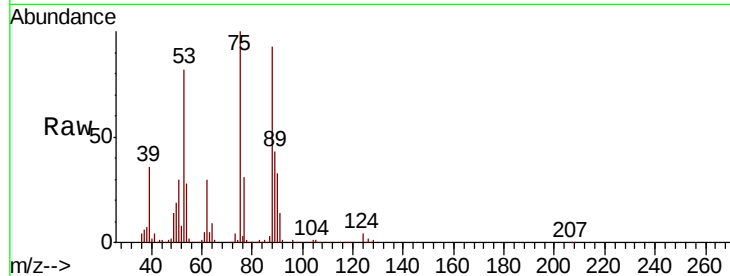
#81
trans-1,4-Dichloro-2-butene
Concen: 78.55 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.5	69.8	104.8
89	43.2	36.0	54.0

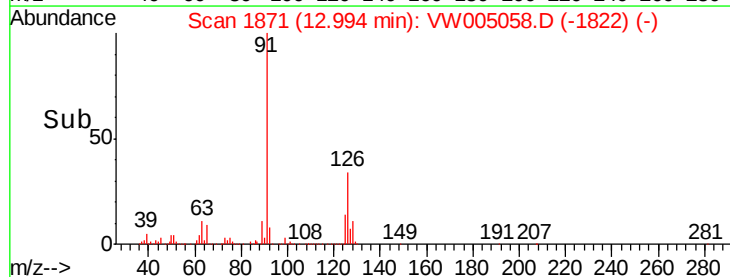
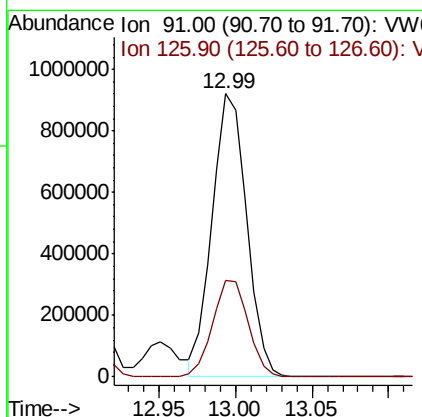
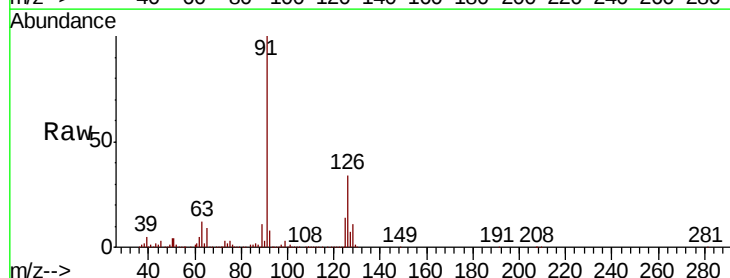
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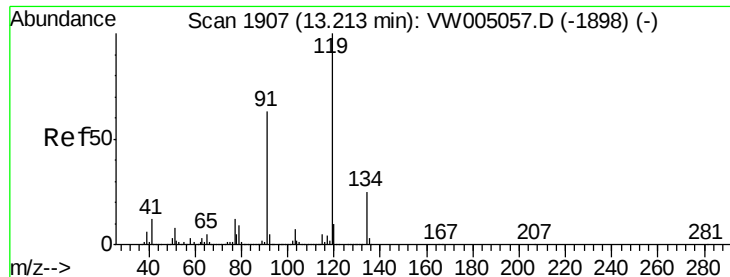
apatel
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#82
4-Chlorotoluene
Concen: 73.99 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.3





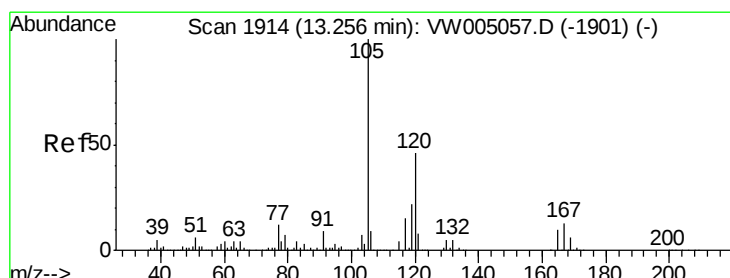
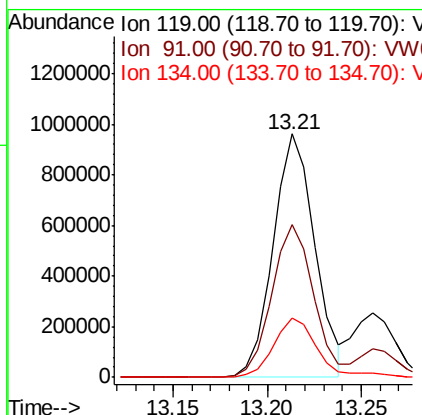
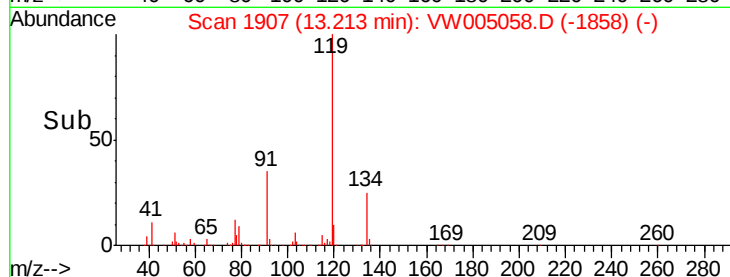
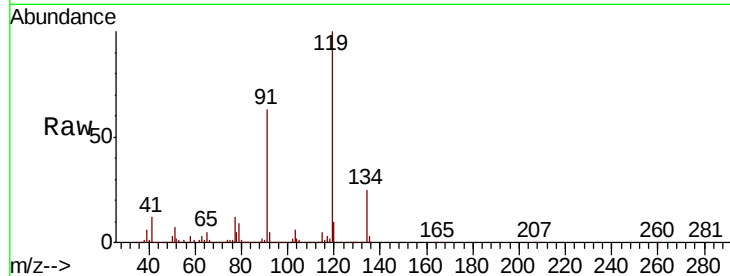
#83
tert-Butylbenzene
Concen: 77.01 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.8	95.4
134	26.1	13.0	39.0

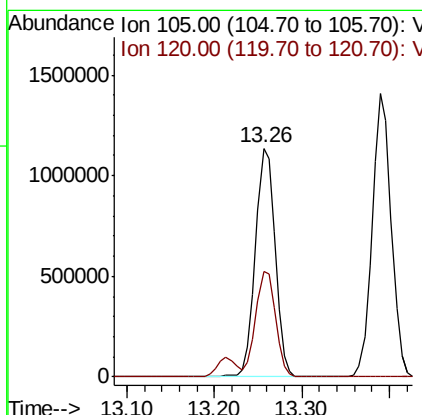
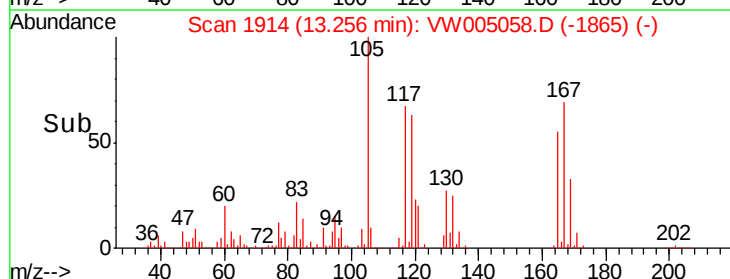
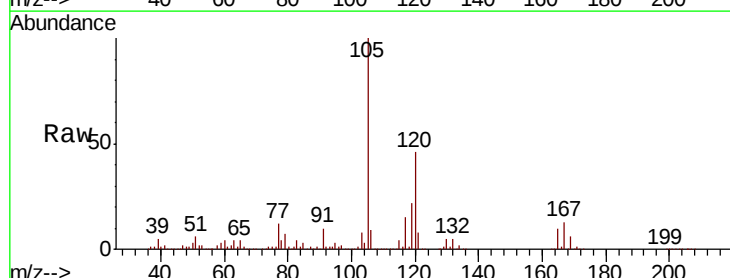
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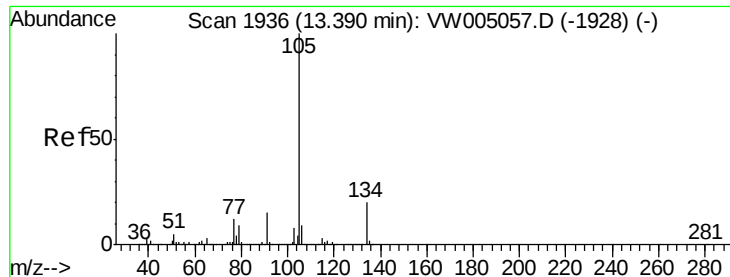
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#84
1,2,4-Trimethylbenzene
Concen: 76.81 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





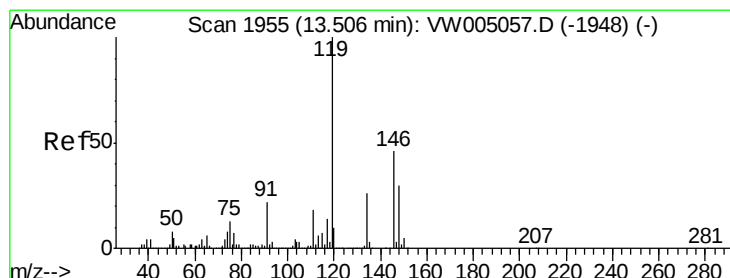
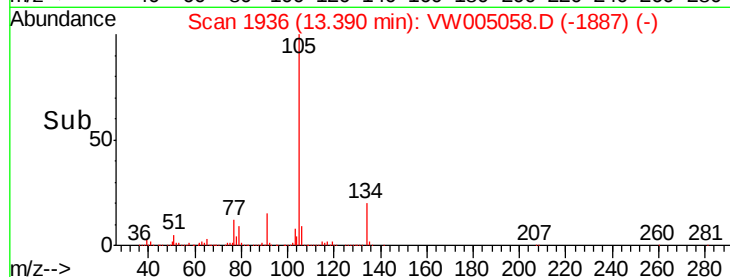
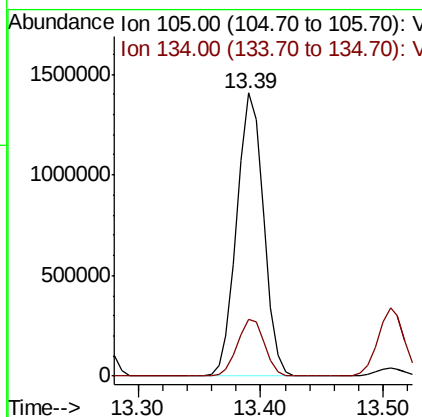
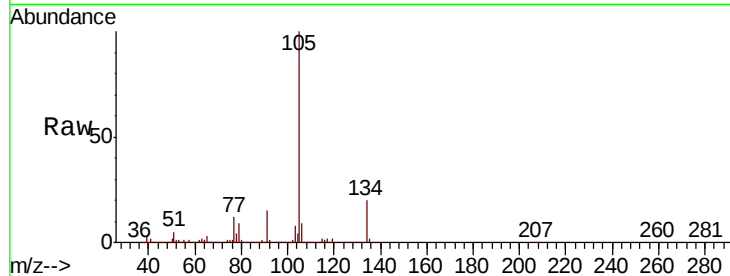
#85
 sec-Butylbenzene
 Concen: 75.91 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 2132078
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3

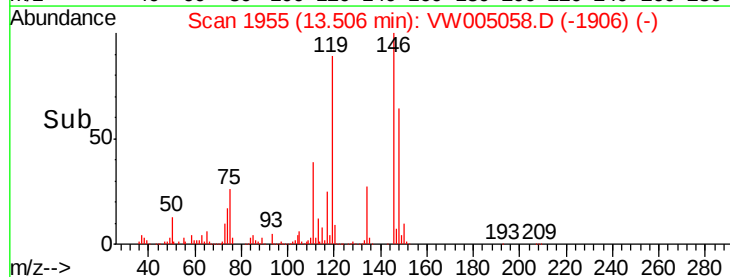
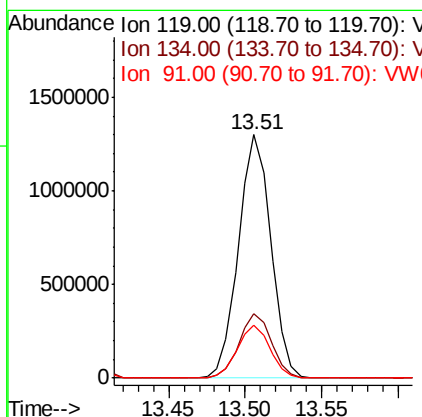
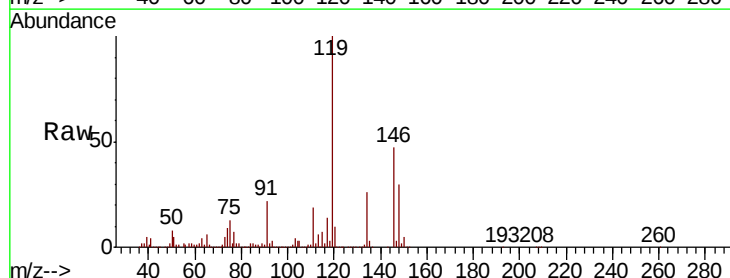
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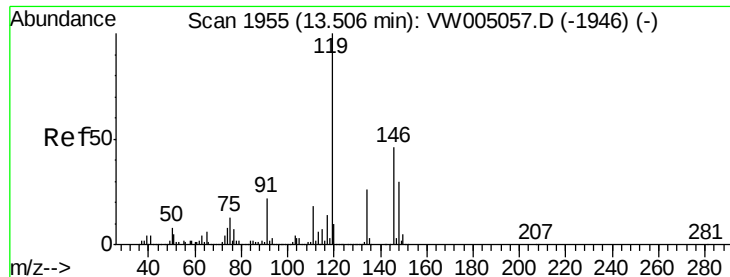
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#86
 p-Isopropyltoluene
 Concen: 75.95 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion:119 Resp: 1909080
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 21.9 10.9 32.9





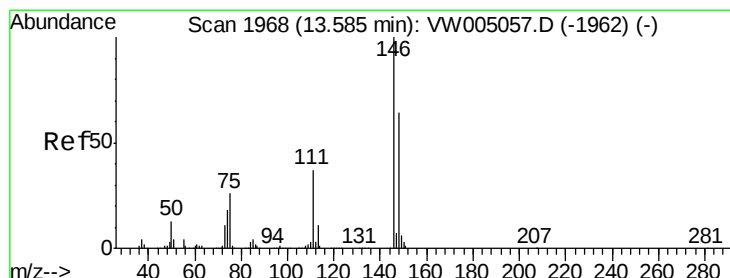
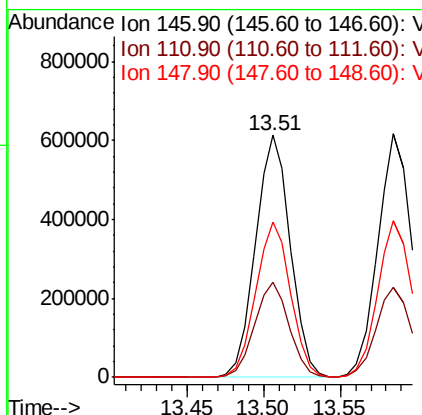
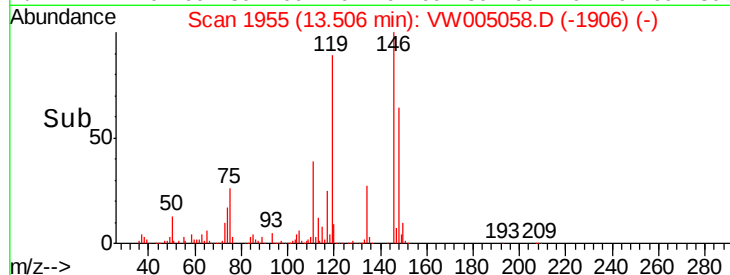
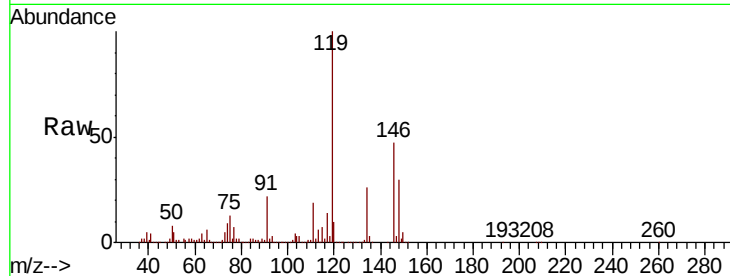
#87
 1,3-Dichlorobenzene
 Concen: 72.41 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	64.1	31.9	95.7

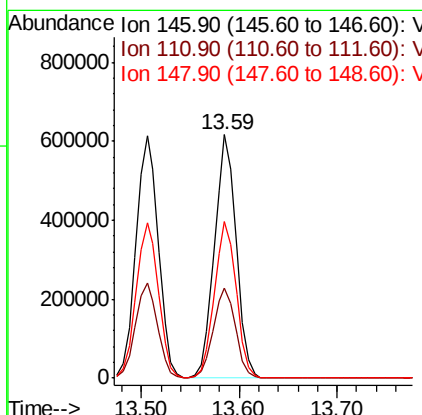
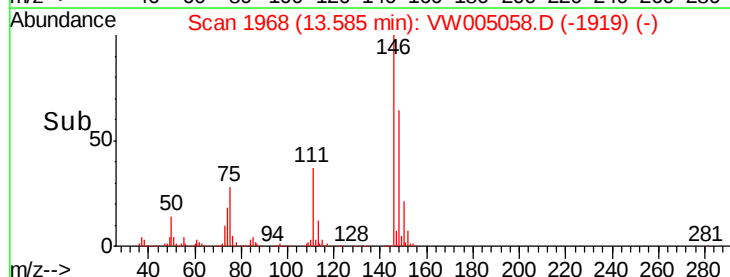
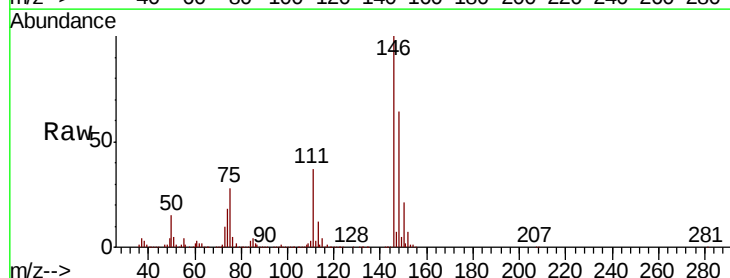
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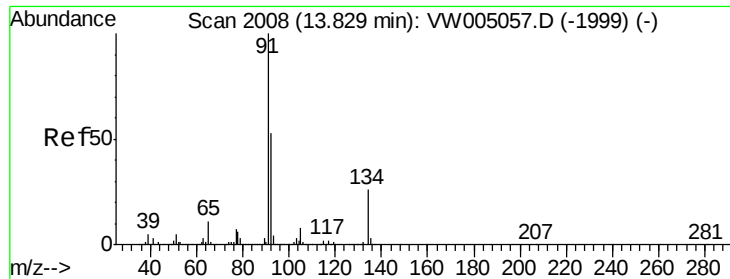
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#88
 1,4-Dichlorobenzene
 Concen: 71.39 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	64.7	32.0	96.0





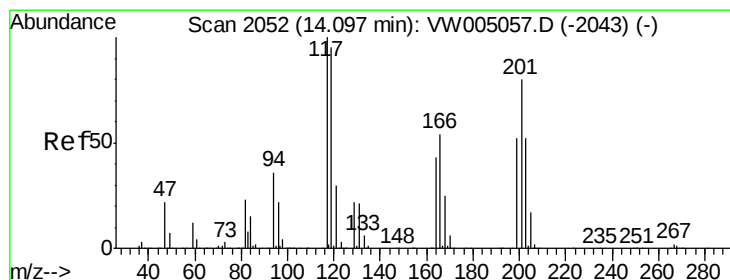
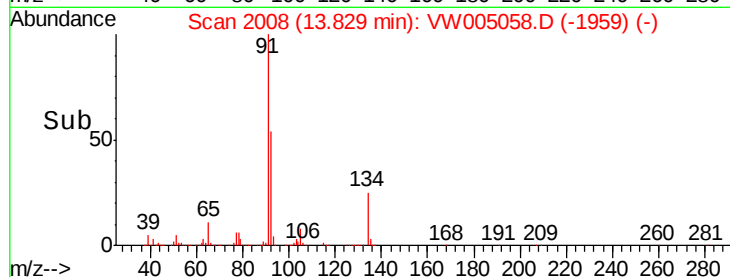
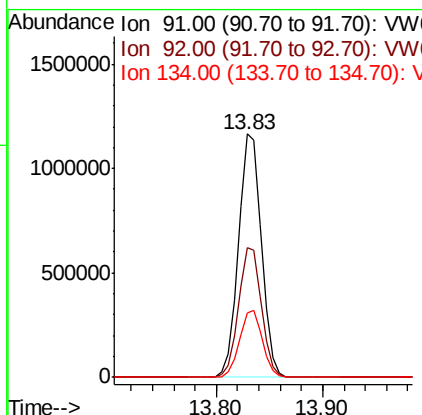
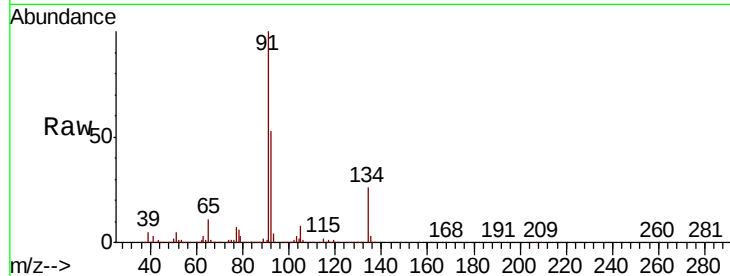
#89
n-Butylbenzene
Concen: 74.77 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	27.2	13.5	40.4

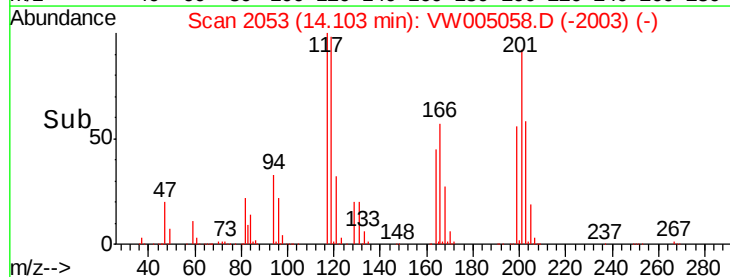
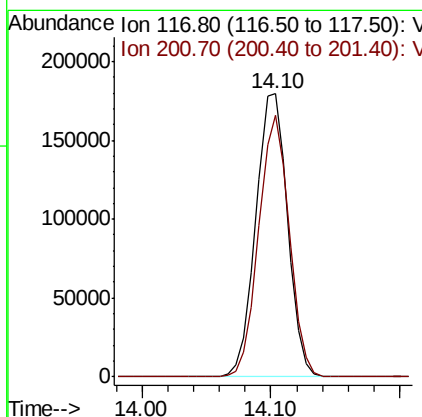
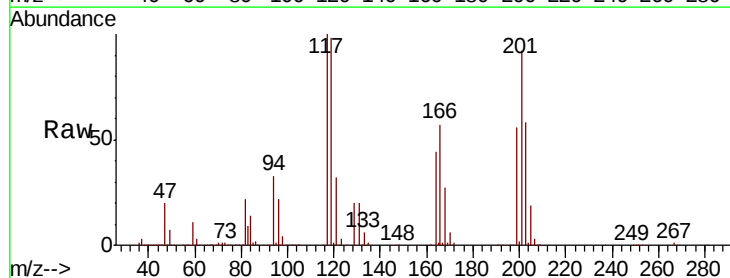
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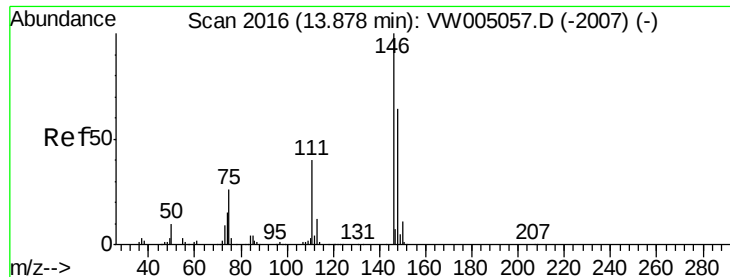
apatel
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#90
Hexachloroethane
Concen: 77.02 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 72.33 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

Instrument :

MSVOA_W

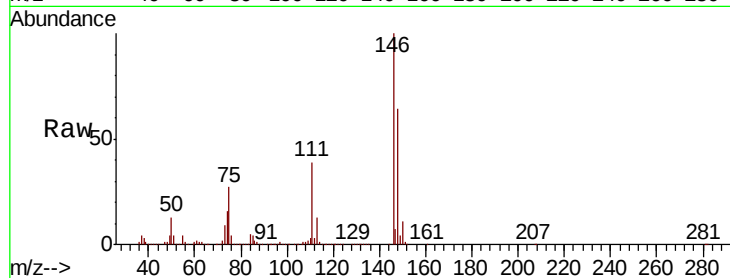
ClientSampleId :

VSTDIC075

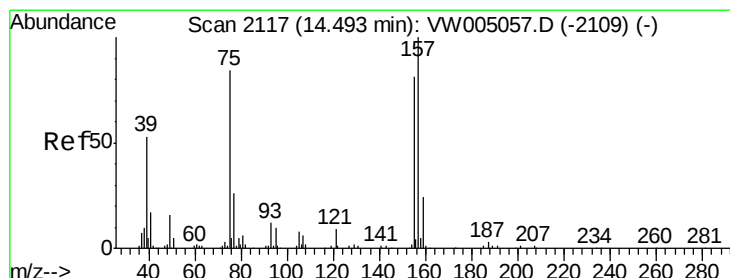
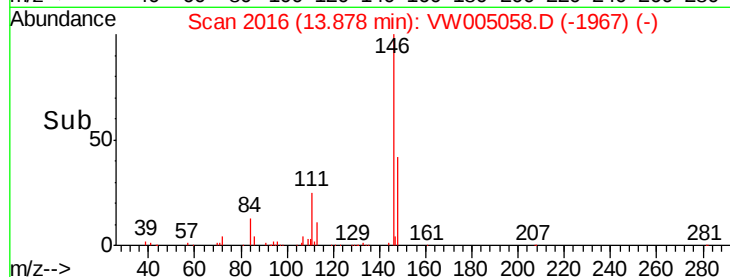
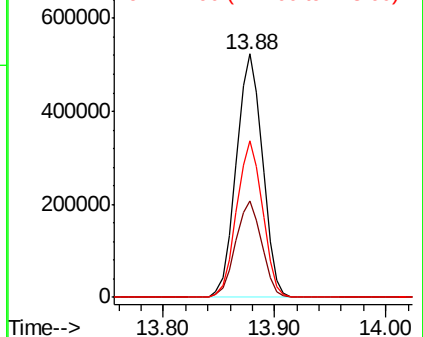
Tot Ion:	146	Resp:	851912
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	63.7	31.9	95.9

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: 69.61 ug/l

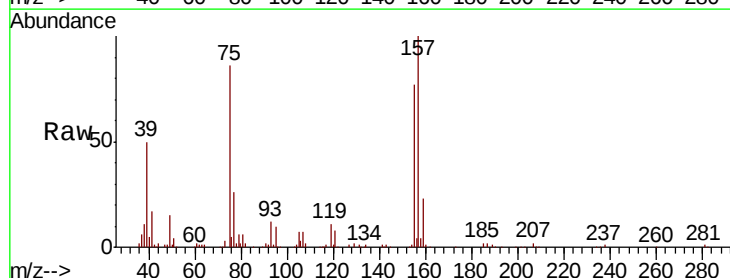
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

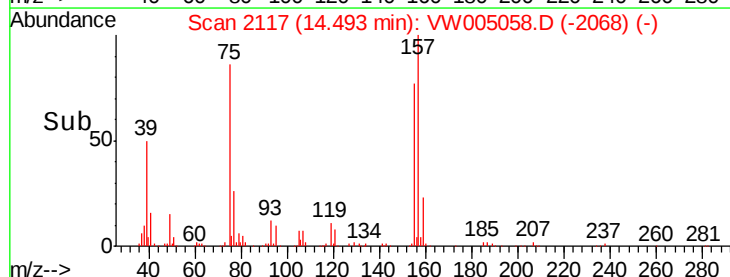
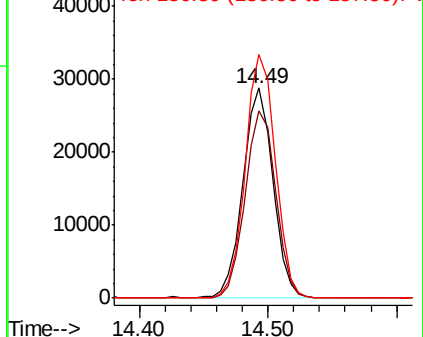
Lab File: VW005058.D

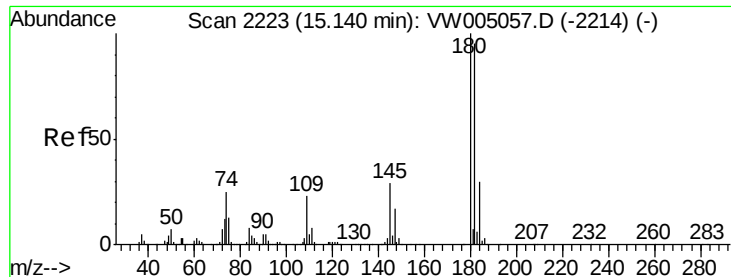
Acq: 01 Sep 2018 01:29

Tgt Ion:	75	Resp:	46403
Ion Ratio	Lower	Upper	
75	100		
155	90.8	46.0	137.8
157	115.5	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





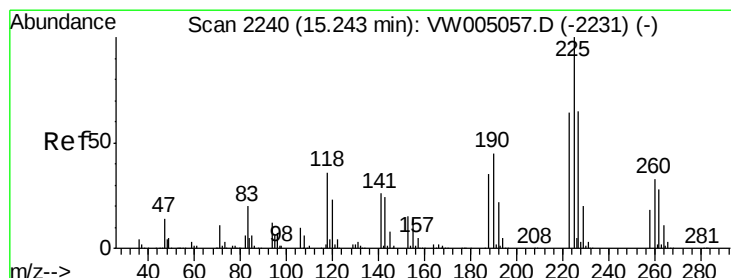
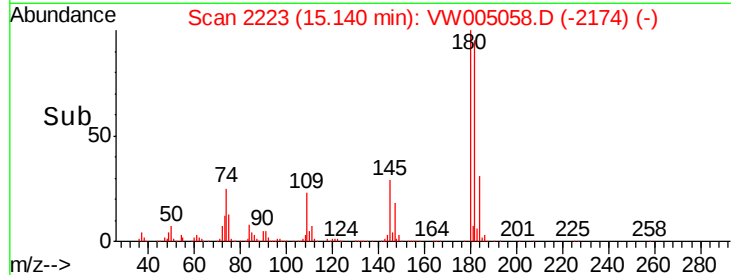
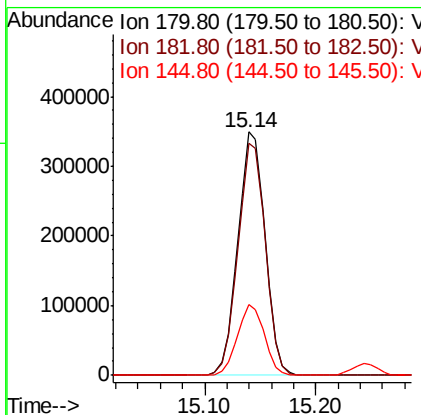
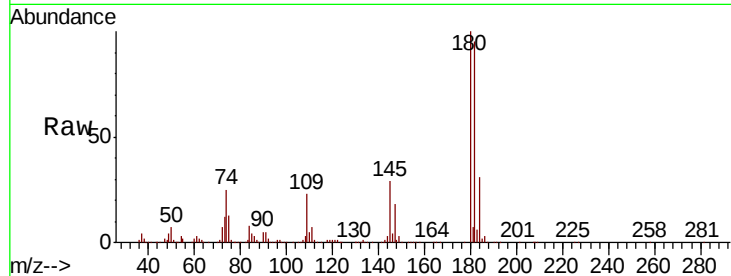
#93
 1,2,4-Trichlorobenzene
 Concen: 71.83 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.5	142.6	
145	28.8	14.4	43.2	

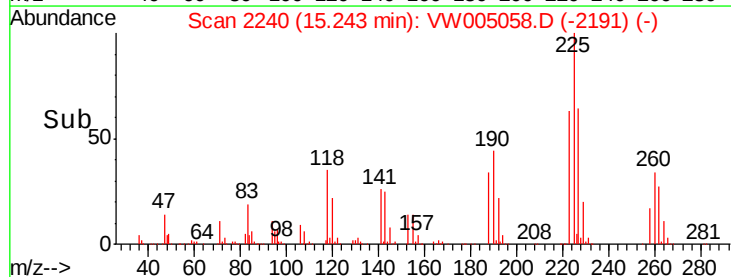
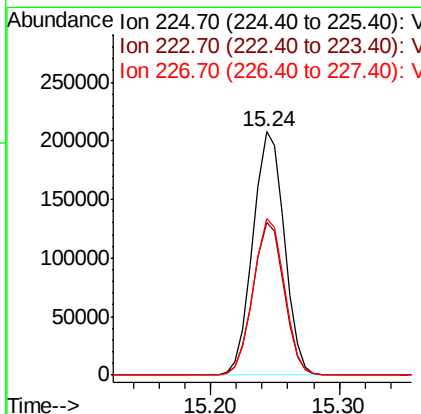
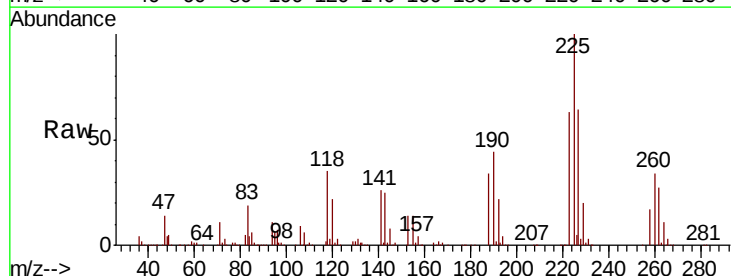
Manual Integrations
 APPROVED

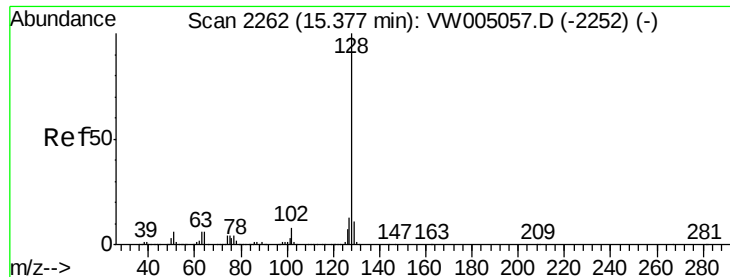
apatel
 9/4/2018 9:37:08 AM



#94
 Hexachlorobutadiene
 Concen: 68.13 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.3	
227	63.8	32.0	96.0	





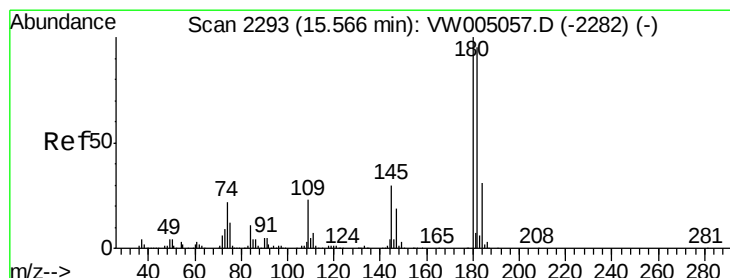
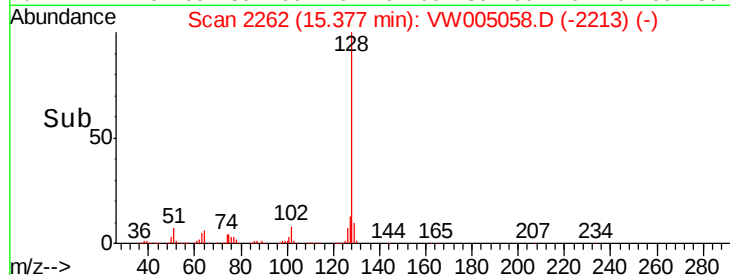
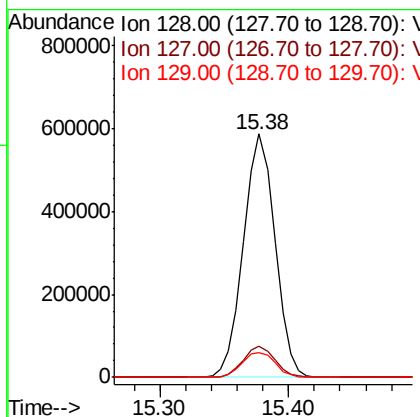
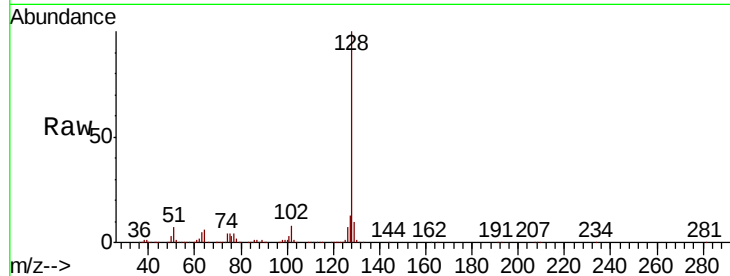
#95
Naphthalene
Concen: 74.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.9	10.4	15.6		
129	10.8	8.7	13.1		

Manual Integrations
APPROVED

apatel
9/4/2018 9:37:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 70.02 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	94.7	47.4	142.3		
145	30.3	15.4	46.1		

