

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

Quant Time: Sep 01 07:29:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	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	66.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.84%	
35) Dibromofluoromethane	7.89	113	290210	68.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.58%	
50) Toluene-d8	10.33	98	1399097	71.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.94%	
62) 4-Bromofluorobenzene	12.62	95	497268	72.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	255660	62.647	ug/l	98
3) Chloromethane	2.22	50	392835	66.335	ug/l	99
4) Vinyl Chloride	2.36	62	388467	67.455	ug/l	99
5) Bromomethane	2.77	94	255023	75.547	ug/l	99
6) Chloroethane	2.92	64	240973	67.225	ug/l	99
7) Trichlorofluoromethane	3.26	101	431589	66.622	ug/l	99
8) Diethyl Ether	3.69	74	157714	67.287	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	290827	65.359	ug/l	99
10) Methyl Iodide	4.28	142	475892	69.918	ug/l	100
11) Tert butyl alcohol	5.18	59	97395	403.556	ug/l	98
12) 1,1-Dichloroethene	4.04	96	280580	68.517	ug/l	98
13) Acrolein	3.90	56	98618	361.924	ug/l	99
14) Allyl chloride	4.68	41	456450	71.306	ug/l	99
15) Acrylonitrile	5.38	53	358029	362.140	ug/l	100
16) Acetone	4.14	43	289096	343.383	ug/l	95
17) Carbon Disulfide	4.39	76	992242	69.538	ug/l	99
18) Methyl Acetate	4.68	43	168454	68.017	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	729375	73.350	ug/l	100
20) Methylene Chloride	4.93	84	393224	70.756	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	337433	67.632	ug/l	98
22) Diisopropyl ether	6.32	45	980649	72.802	ug/l	97
23) Vinyl Acetate	6.26	43	2646914	374.106	ug/l	100
24) 1,1-Dichloroethane	6.23	63	575229	68.321	ug/l	100
25) 2-Butanone	7.18	43	508229	348.037	ug/l	98
26) 2,2-Dichloropropane	7.18	77	448167	64.774	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	374577	68.631	ug/l	99
28) Bromochloromethane	7.52	49	224106	66.131	ug/l	100
29) Tetrahydrofuran	7.54	42	269518	361.217	ug/l	99
30) Chloroform	7.68	83	577567	67.211	ug/l	97
31) Cyclohexane	7.96	56	562619	68.237	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	505394	67.528	ug/l	99
36) 1,1-Dichloropropene	8.09	75	490088	70.490	ug/l	99
37) Ethyl Acetate	7.26	43	185968	71.523	ug/l	100
38) Carbon Tetrachloride	8.07	117	451026	68.225	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	626399	74.499	ug/l	98
40) Benzene	8.33	78	1506210	70.766	ug/l	99
41) Methacrylonitrile	7.49	41	102018	67.718	ug/l	91
42) 1,2-Dichloroethane	8.41	62	347188	66.651	ug/l	100
43) Isopropyl Acetate	8.43	43	347336	73.411	ug/l	99
44) Trichloroethene	9.10	130	400949	69.818	ug/l	96
45) 1,2-Dichloropropane	9.37	63	366567	70.498	ug/l	99
46) Dibromomethane	9.46	93	169567	68.199	ug/l	99
47) Bromodichloromethane	9.65	83	430819	68.816	ug/l	98
48) Methyl methacrylate	9.44	41	175187	76.895	ug/l	97
49) 1,4-Dioxane	9.46	88	61758	1535.966	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1213159	382.581	ug/l	99
52) Toluene	10.40	92	1050361	72.832	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	456779	74.253	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	550286	73.555	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	267703	69.541	ug/l	96
56) Ethyl methacrylate	10.65	69	350441	79.793	ug/l	99
57) 1,3-Dichloropropane	10.94	76	455180	71.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	821127	394.568	ug/l	99
59) 2-Hexanone	10.98	43	843699	393.383	ug/l	98
60) Dibromochloromethane	11.13	129	312147	71.724	ug/l	99
61) 1,2-Dibromoethane	11.24	107	247012	71.072	ug/l	99
64) Tetrachloroethene	10.87	164	403245	71.712	ug/l	98
65) Chlorobenzene	11.66	112	1156505	71.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	352028	71.400	ug/l	100
67) Ethyl Benzene	11.74	91	2034018	74.574	ug/l	99
68) m/p-Xylenes	11.85	106	1625469	148.841	ug/l	100
69) o-Xylene	12.17	106	758842	75.155	ug/l	98
70) Styrene	12.19	104	1272771	76.310	ug/l	99
71) Bromoform	12.35	173	189405	72.482	ug/l #	99
73) Isopropylbenzene	12.47	105	2032427	75.489	ug/l	99
74) N-amyl acetate	12.28	43	365657	78.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297062	72.478	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	399643	139.435	ug/l #	100
77) Bromobenzene	12.76	156	482821	72.780	ug/l	99
78) n-propylbenzene	12.81	91	2452272	75.450	ug/l	100
79) 2-Chlorotoluene	12.90	91	1395586	73.598	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1745912	74.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	93701	78.687	ug/l	95
82) 4-Chlorotoluene	12.99	91	1447702	72.301	ug/l	100
83) tert-Butylbenzene	13.21	119	1476371	75.930	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1780351	75.082	ug/l	100
85) sec-Butylbenzene	13.39	105	2132078	74.614	ug/l	100
86) p-Isopropyltoluene	13.51	119	1909080	75.475	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	969533	71.148	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	946135	69.992	ug/l	99
89) n-Butylbenzene	13.83	91	1760839	75.115	ug/l	100
90) Hexachloroethane	14.10	117	305578	72.730	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	851912	71.726	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46403	72.449	ug/l	99

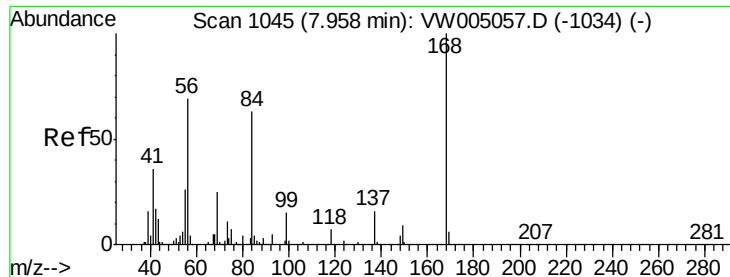
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	589516	74.022	ug/l	99
94) Hexachlorobutadiene	15.24	225	349511	70.562	ug/l	99
95) Naphthalene	15.38	128	994613	70.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505610	74.184	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 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

ClientSampleId :

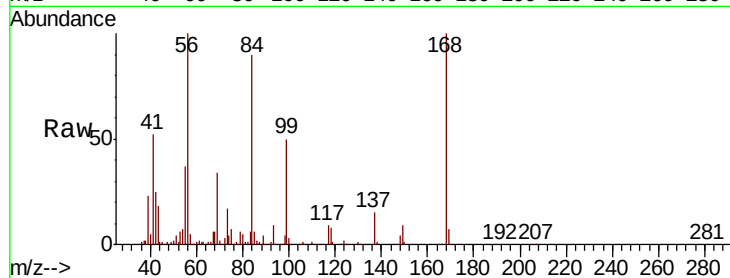
VSTDIC075

Tgt Ion:168 Resp: 506423

Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

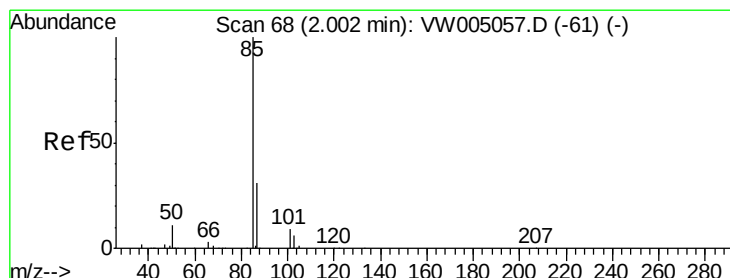
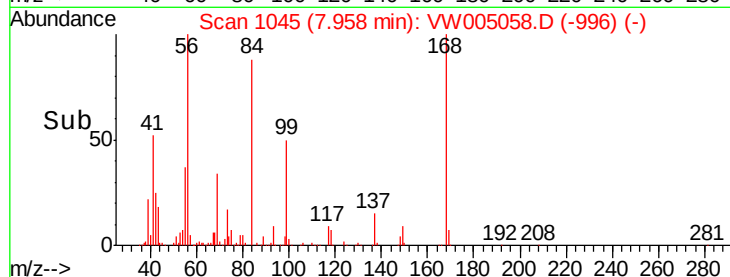
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 62.647 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005058.D

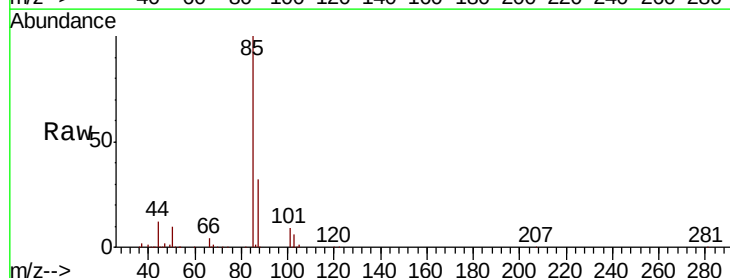
Acq: 01 Sep 2018 01:29

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

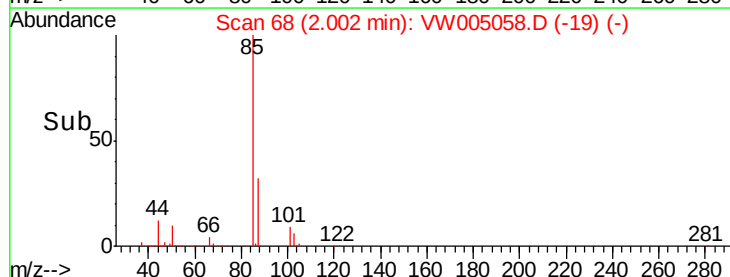
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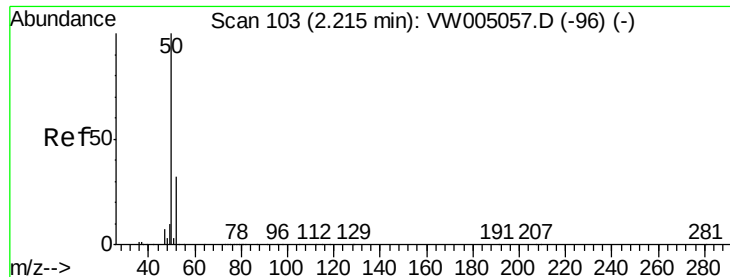
100000

50000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 66.335 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 :

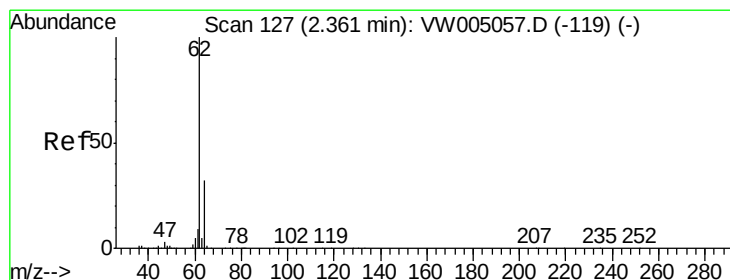
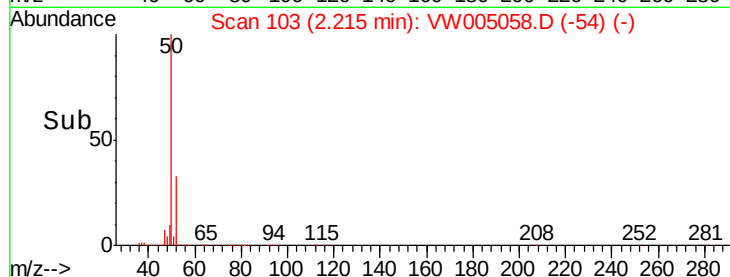
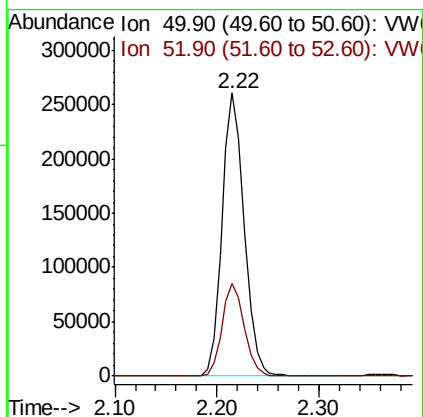
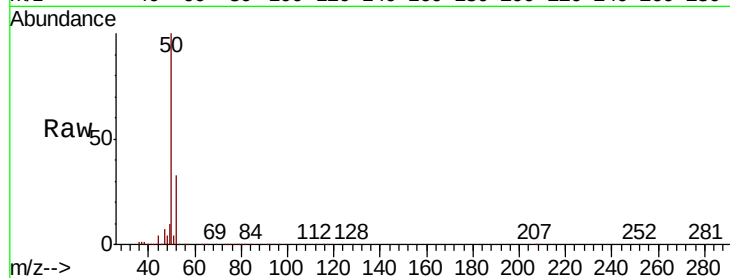
VSTDIC075

Tgt Ion: 50 Resp: 392835

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 67.455 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005058.D

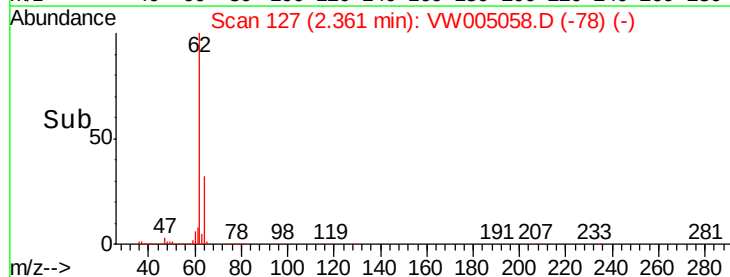
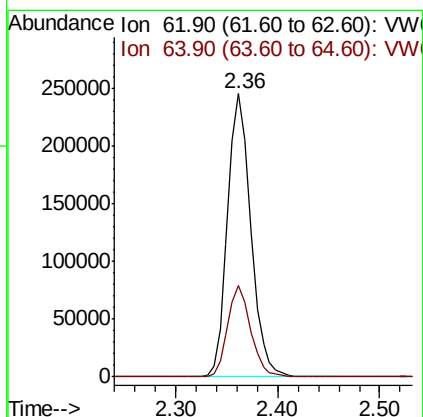
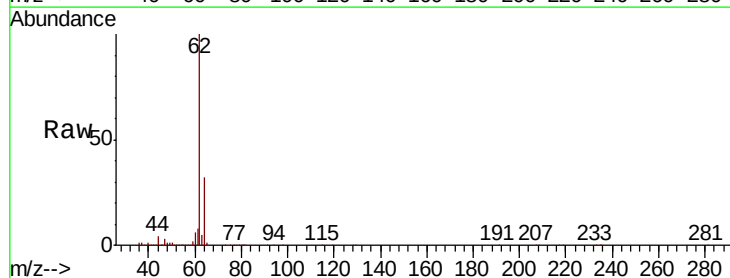
Acq: 01 Sep 2018 01:29

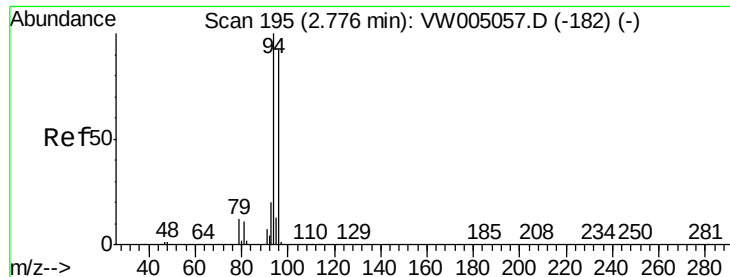
Tgt Ion: 62 Resp: 388467

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 75.547 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 :

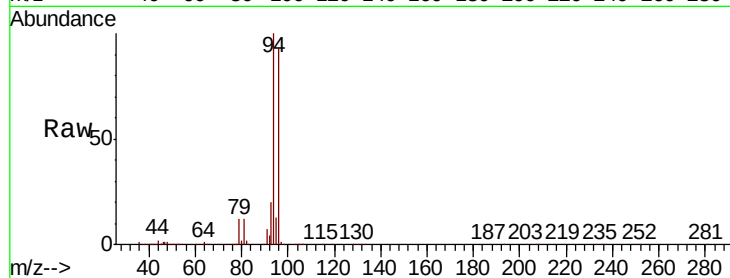
VSTDIC075

Tgt Ion: 94 Resp: 255023

Ion Ratio Lower Upper

94 100

96 92.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

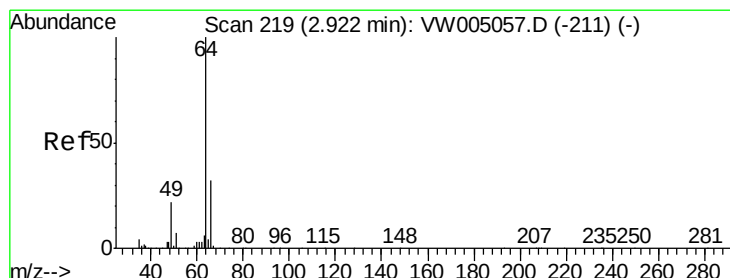
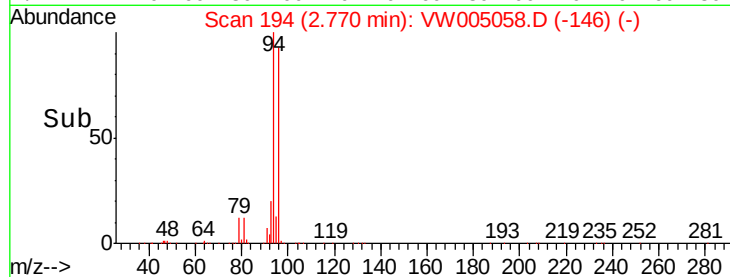
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 67.225 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW005058.D

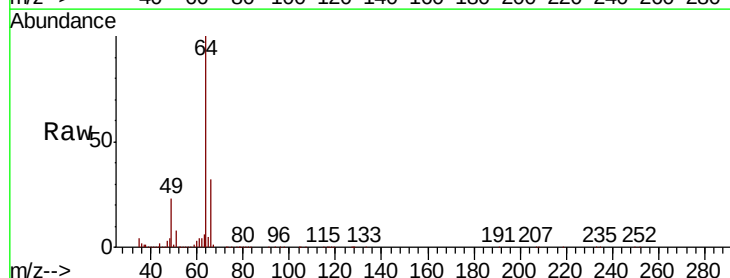
Acq: 01 Sep 2018 01:29

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

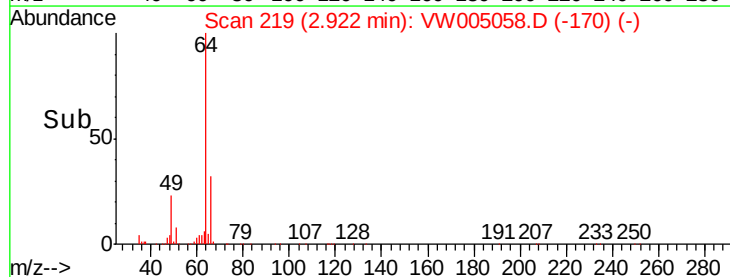
2.92

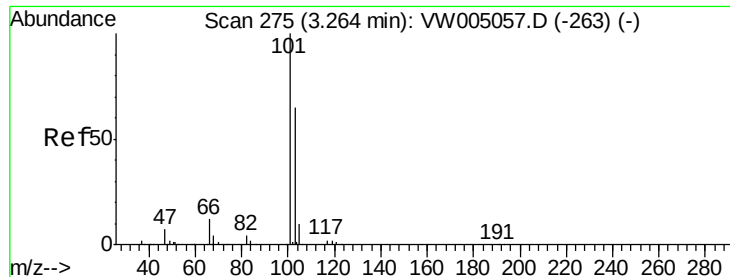
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50000

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Time-->



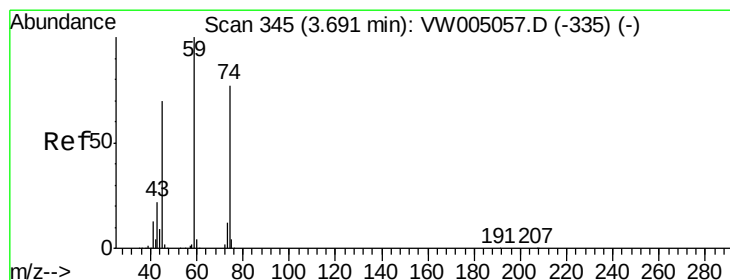
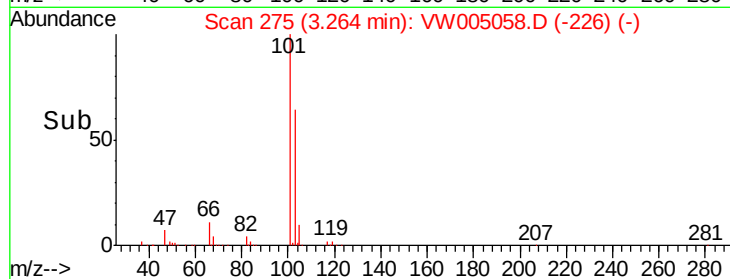
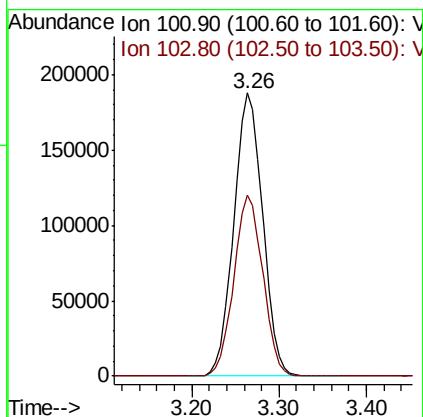
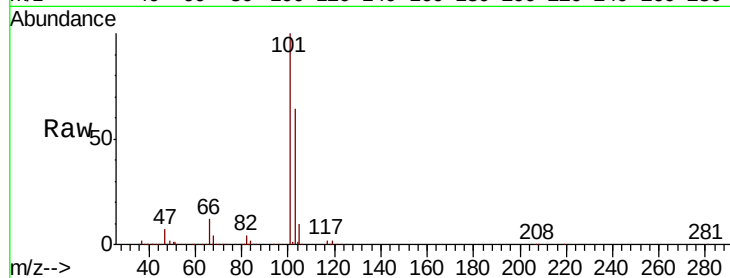


#7

Trichlorofluoromethane
 Concen: 66.622 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005058.D
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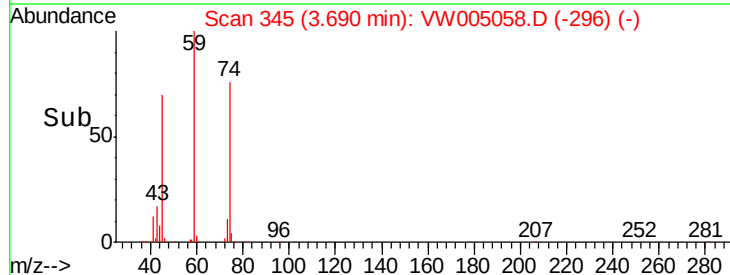
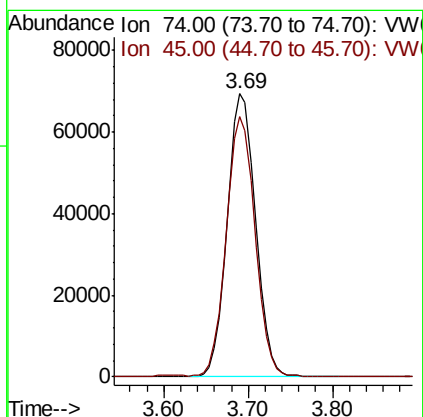
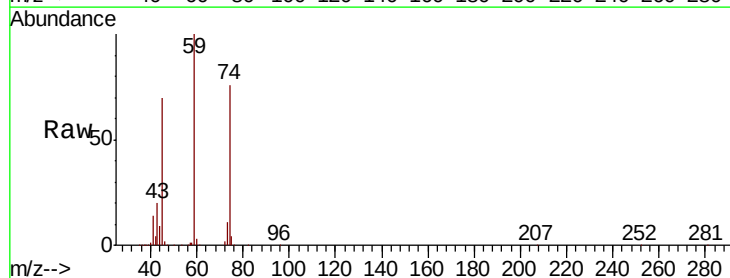
Tgt Ion: 101 Resp: 431589
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9

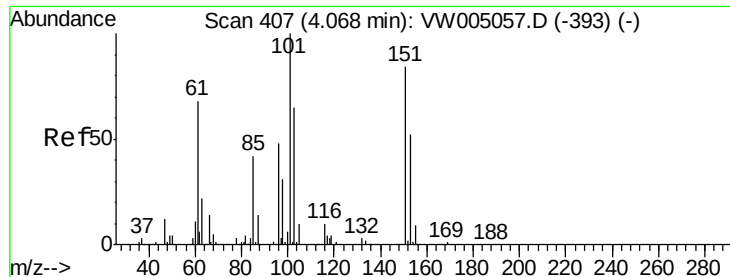


#8

Diethyl Ether
 Concen: 67.287 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: 74 Resp: 157714
 Ion Ratio Lower Upper
 74 100
 45 93.8 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.359 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

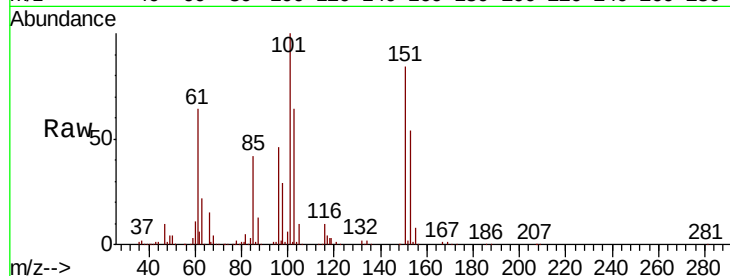
Tgt Ion:101 Resp: 290827

Ion Ratio Lower Upper

101 100

85 40.8 33.0 49.6

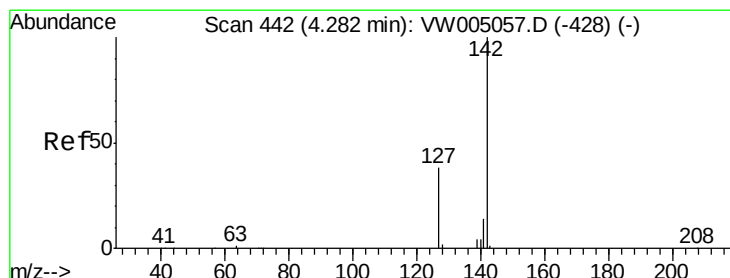
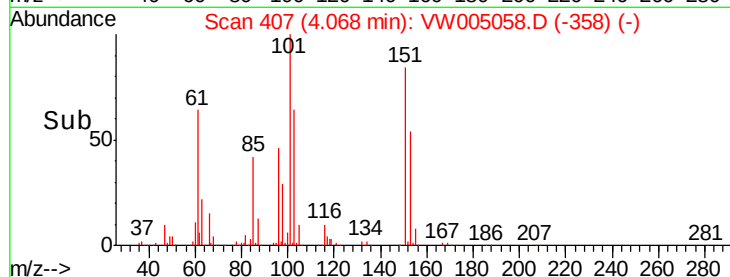
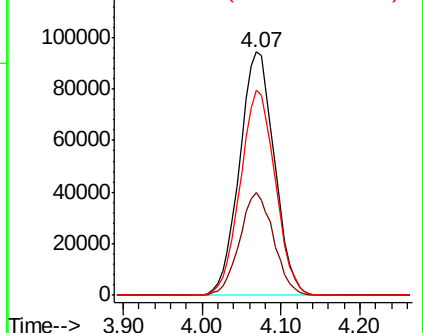
151 84.2 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 69.918 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

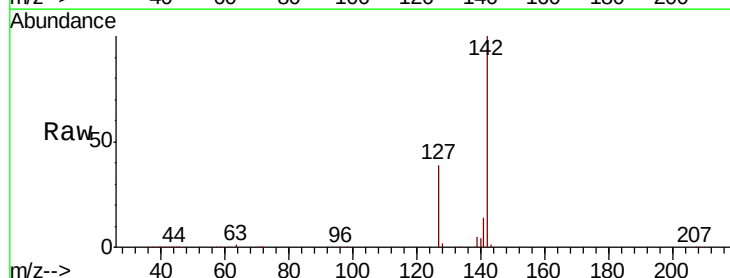
Tgt Ion:142 Resp: 475892

Ion Ratio Lower Upper

142 100

127 38.4 30.8 46.2

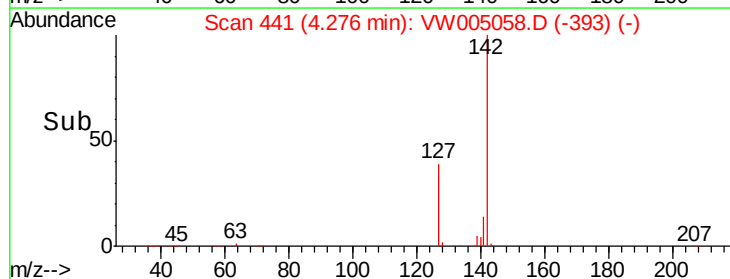
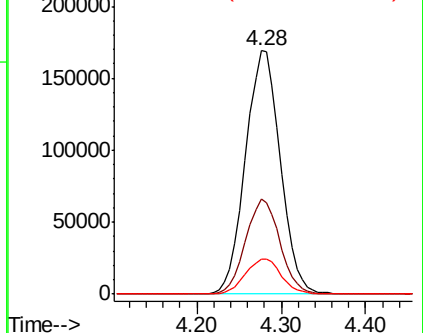
141 14.8 11.6 17.4

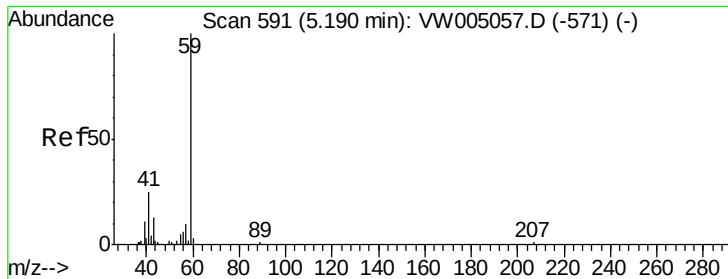


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

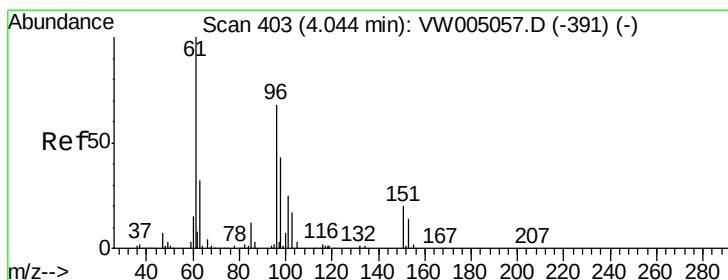
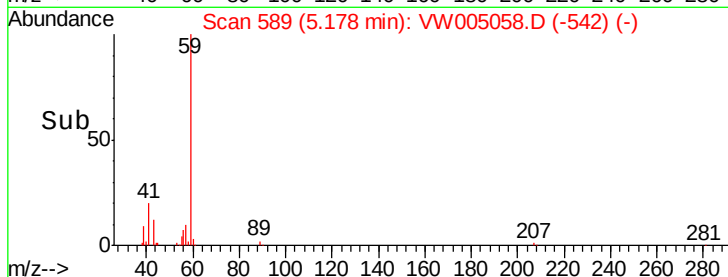
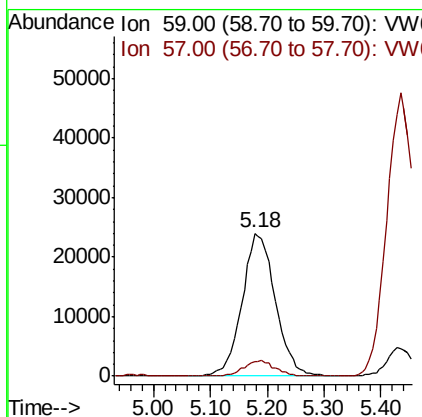
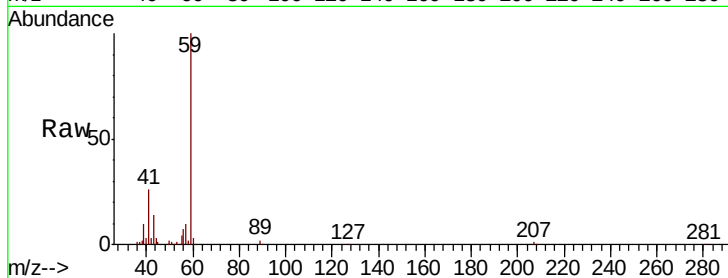




#11
Tert butyl alcohol
Concen: 403.556 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

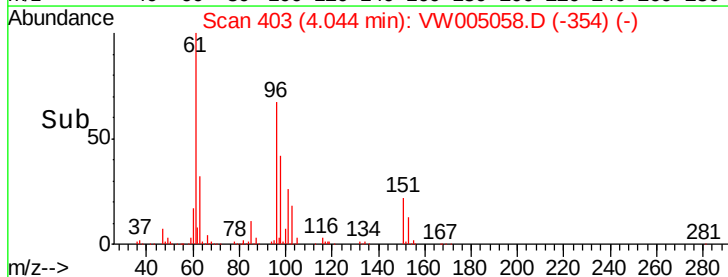
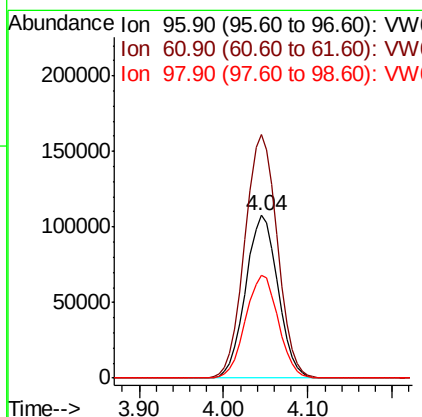
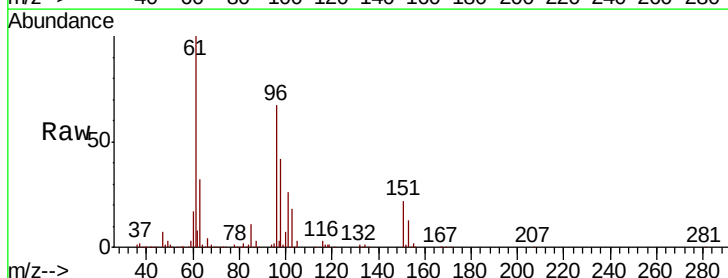
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

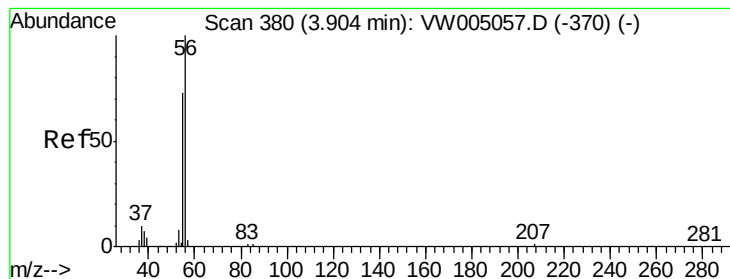
Tgt Ion: 59 Resp: 97395
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 68.517 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: 96 Resp: 280580
Ion Ratio Lower Upper
96 100
61 149.8 117.4 176.0
98 63.3 51.0 76.4





#13

Acrolein

Concen: 361.924 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 :

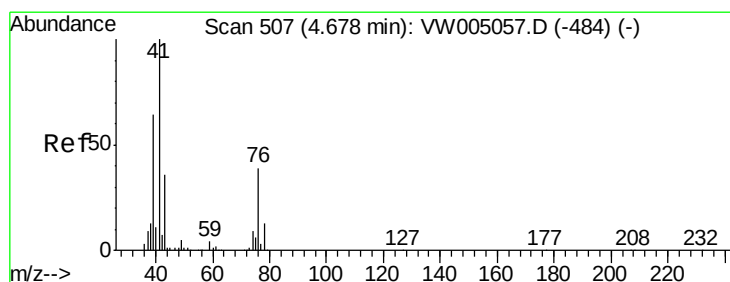
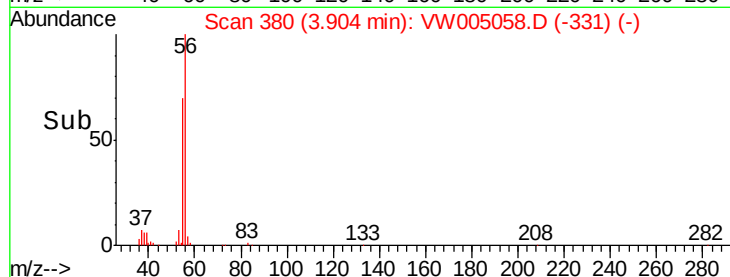
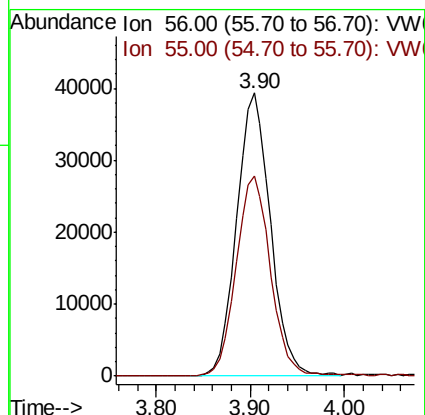
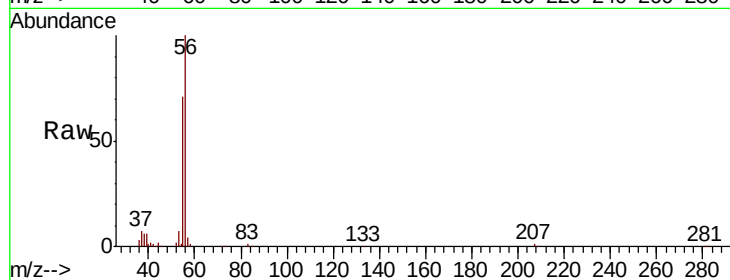
VSTDIC075

Tgt Ion: 56 Resp: 98618

Ion Ratio Lower Upper

56 100

55 71.6 58.1 87.1



#14

Allyl chloride

Concen: 71.306 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

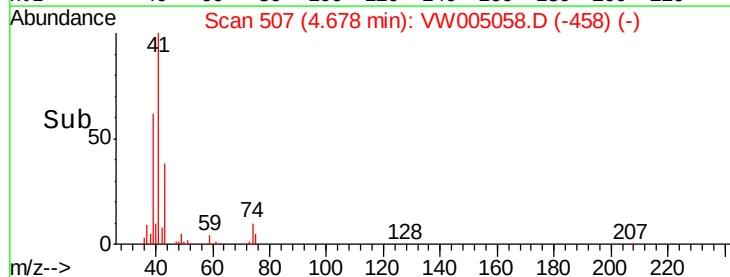
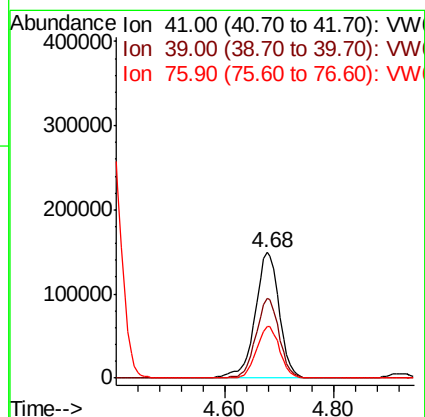
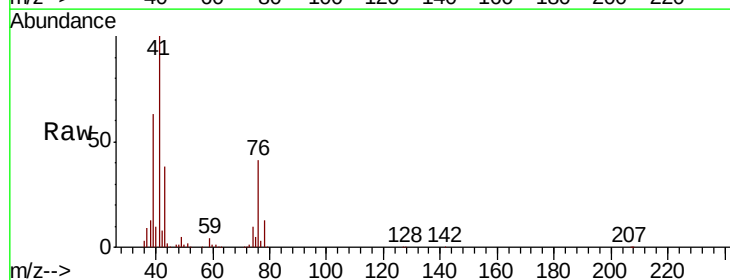
Tgt Ion: 41 Resp: 456450

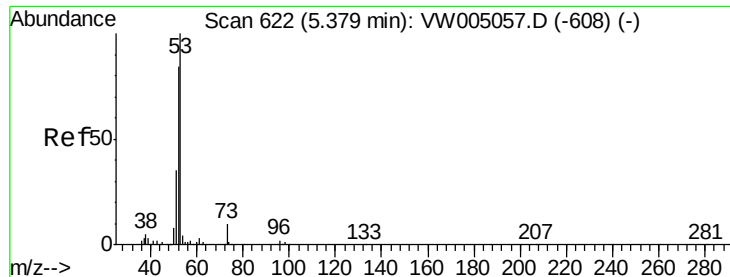
Ion Ratio Lower Upper

41 100

39 61.4 49.4 74.2

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 362.140 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

ClientSampleId :

VSTDIC075

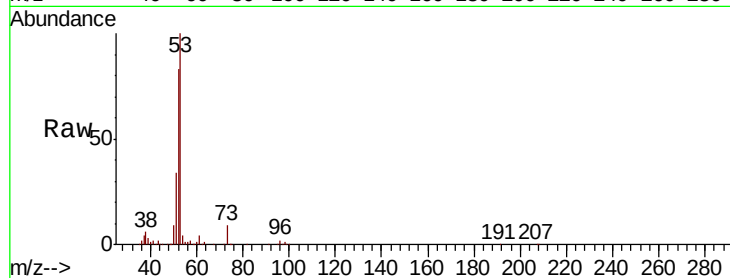
Tgt Ion: 53 Resp: 358029

Ion Ratio Lower Upper

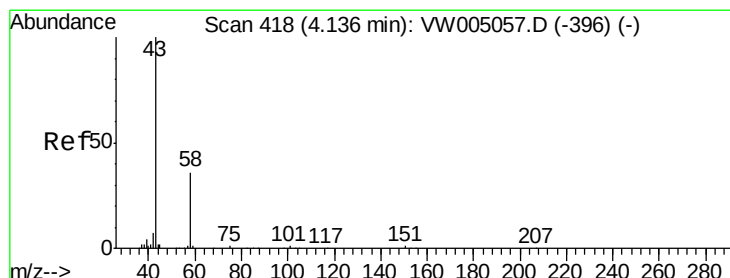
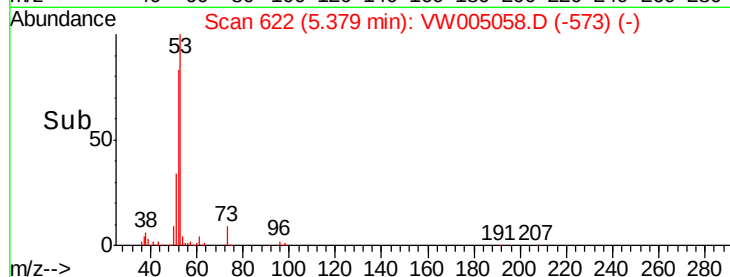
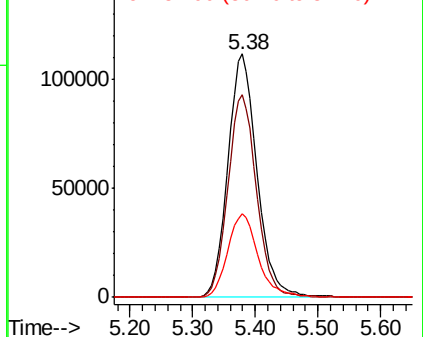
53 100

52 81.7 65.7 98.5

51 36.0 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 343.383 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005058.D

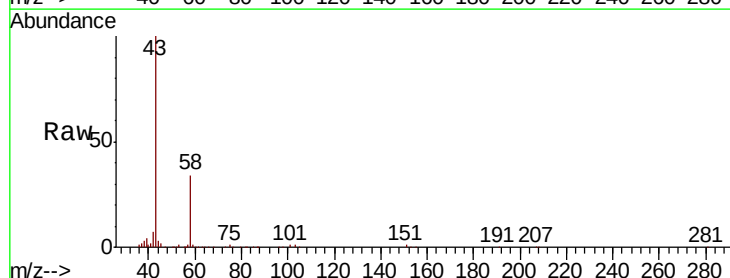
Acq: 01 Sep 2018 01:29

Tgt Ion: 43 Resp: 289096

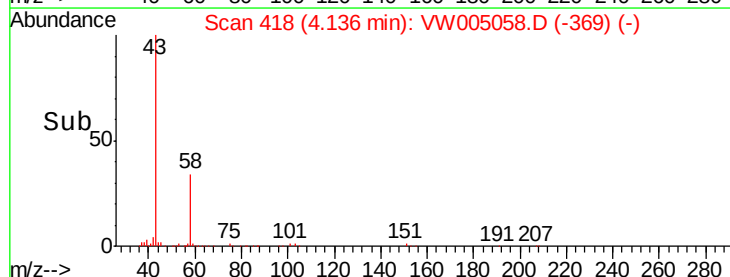
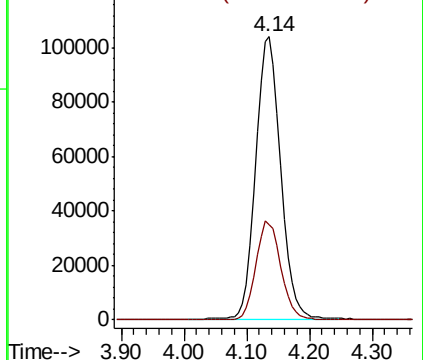
Ion Ratio Lower Upper

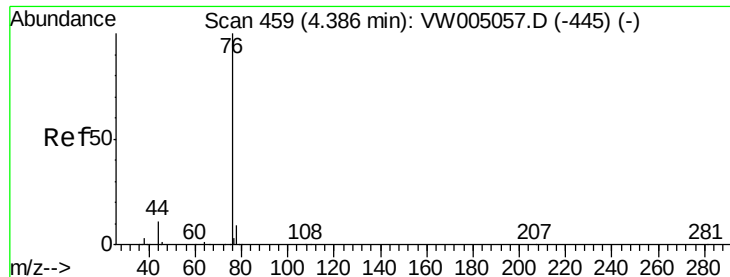
43 100

58 33.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 69.538 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 :

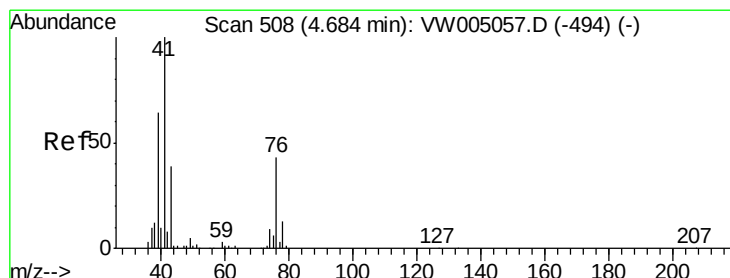
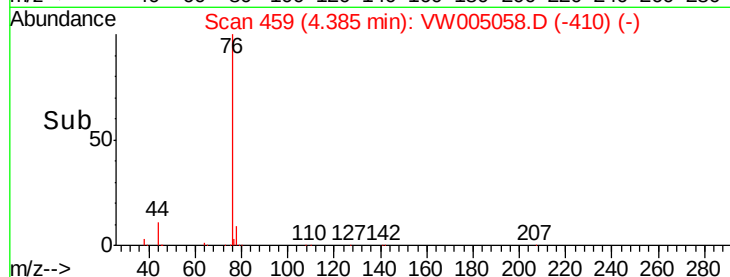
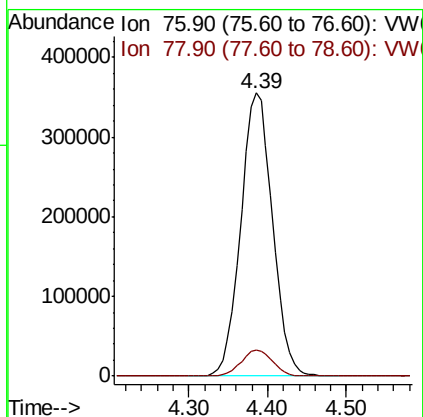
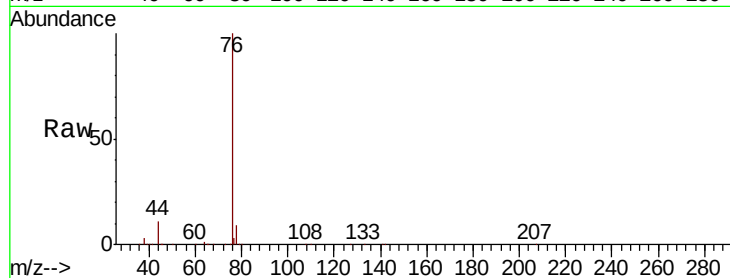
VSTDIC075

Tgt Ion: 76 Resp: 992242

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 68.017 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005058.D

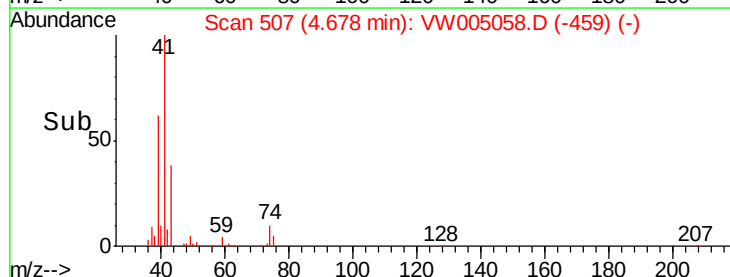
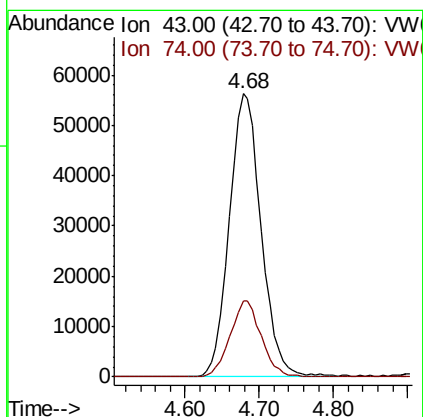
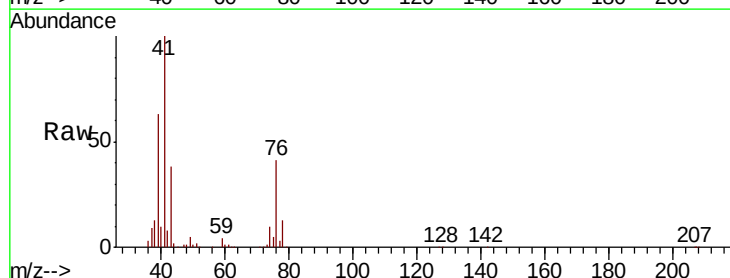
Acq: 01 Sep 2018 01:29

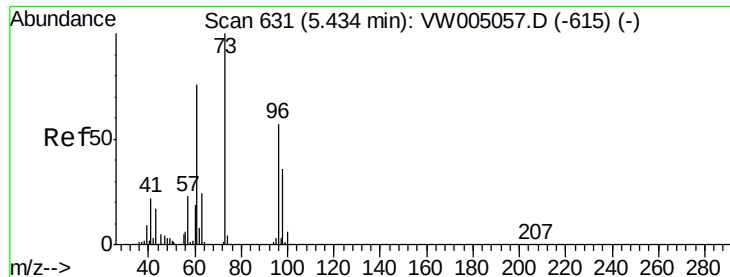
Tgt Ion: 43 Resp: 168454

Ion Ratio Lower Upper

43 100

74 26.3 20.7 31.1

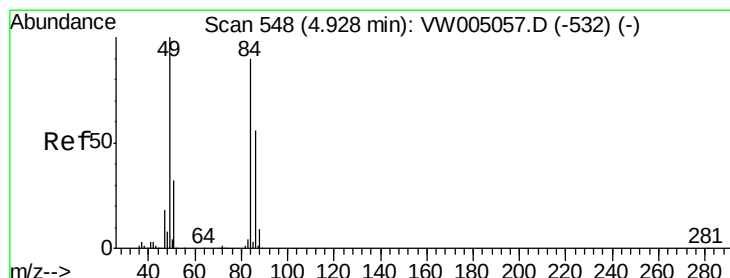
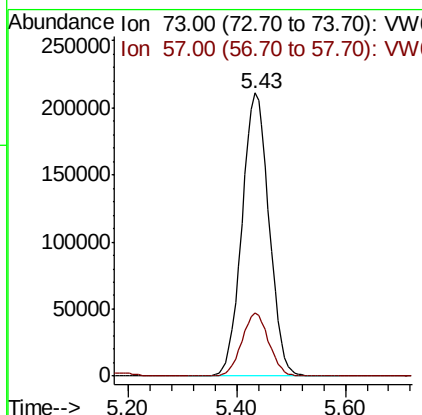
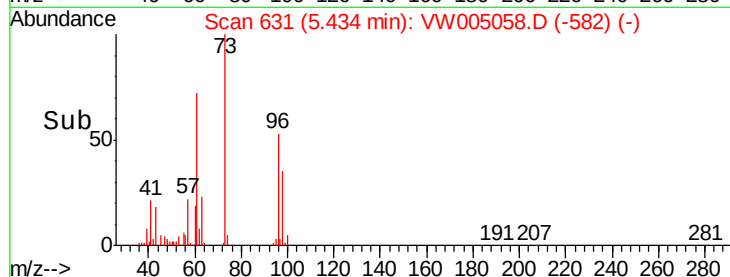
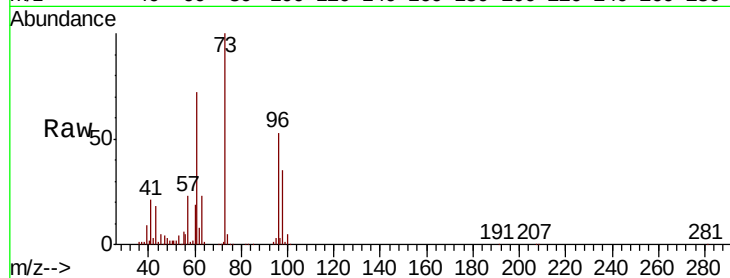




#19
Methyl tert-butyl Ether
Concen: 73.350 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

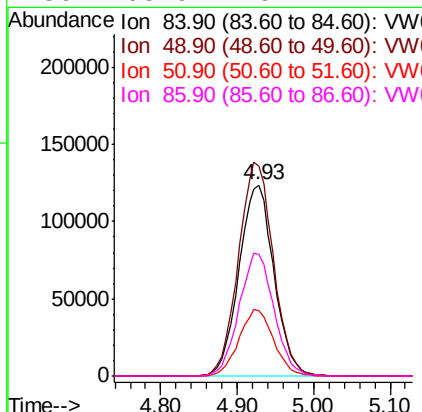
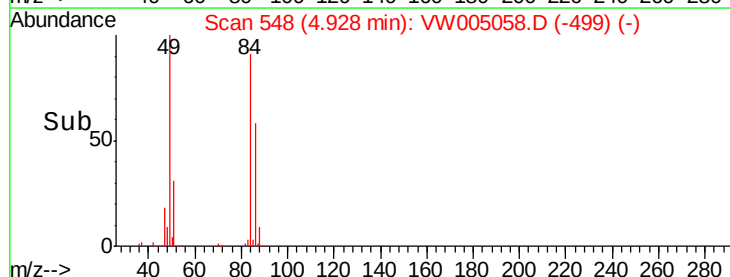
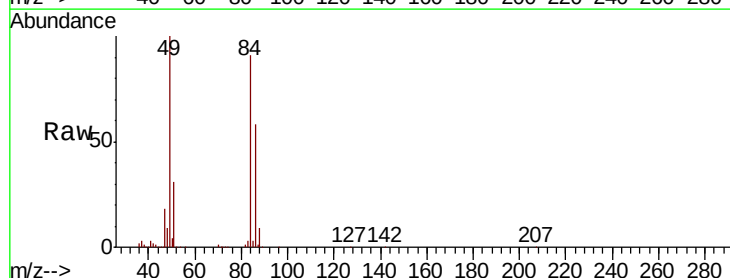
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

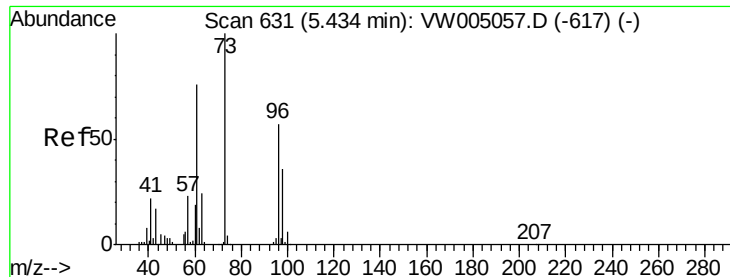
Tgt Ion: 73 Resp: 729375
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 70.756 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: 84 Resp: 393224
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: 67.632 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

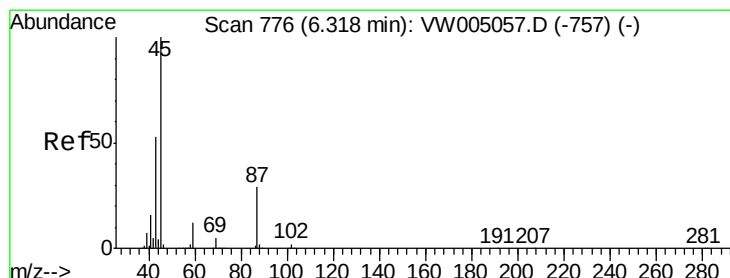
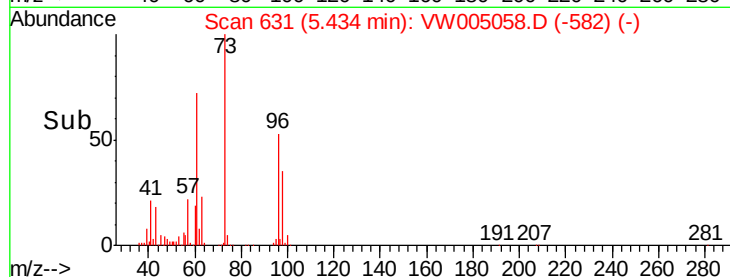
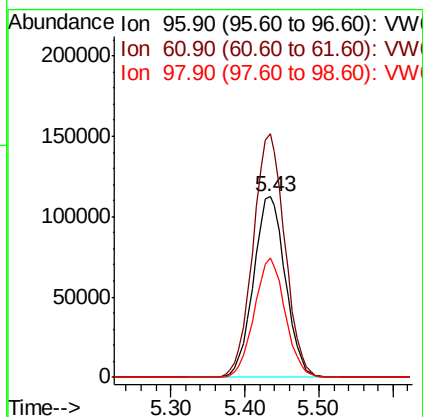
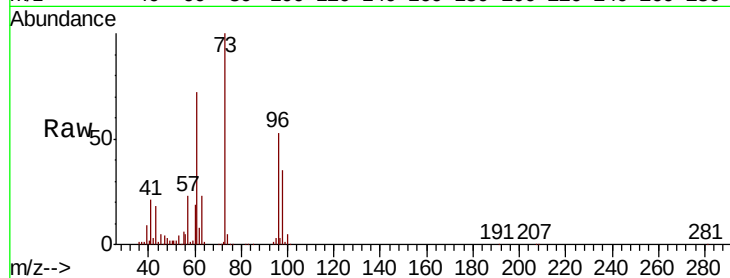
Tgt Ion: 96 Resp: 337433

Ion Ratio Lower Upper

96 100

61 134.8 106.3 159.5

98 66.2 50.9 76.3



#22

Diisopropyl ether

Concen: 72.802 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

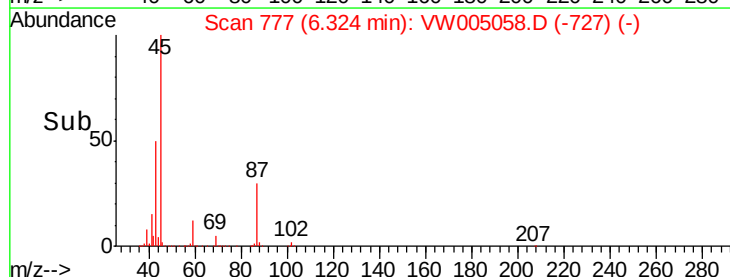
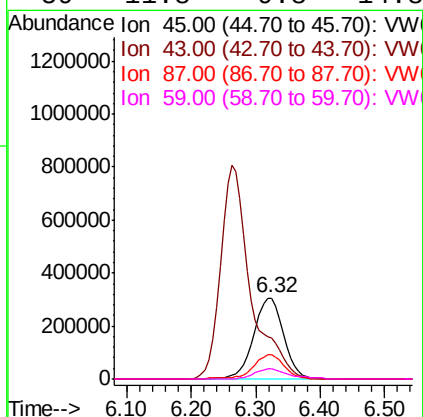
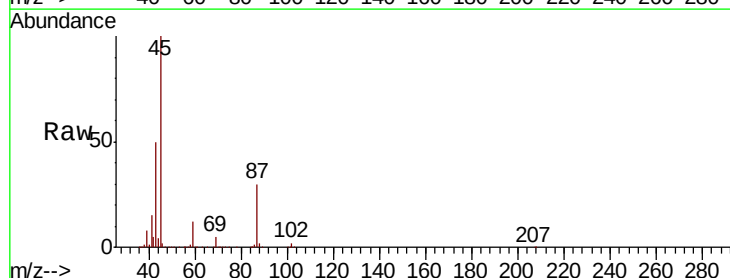
Ion Ratio Lower Upper

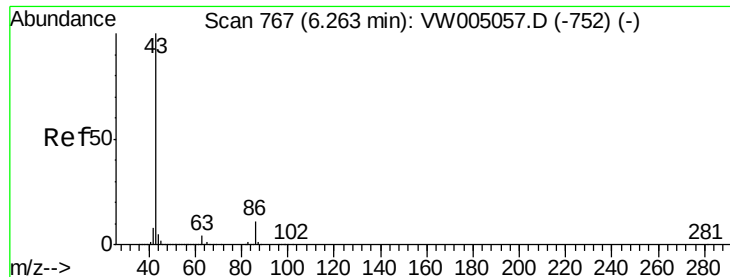
45 100

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: 374.106 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 :

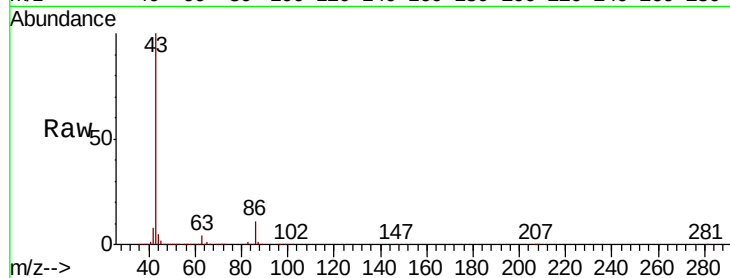
VSTDIC075

Tgt Ion: 43 Resp: 2646914

Ion Ratio Lower Upper

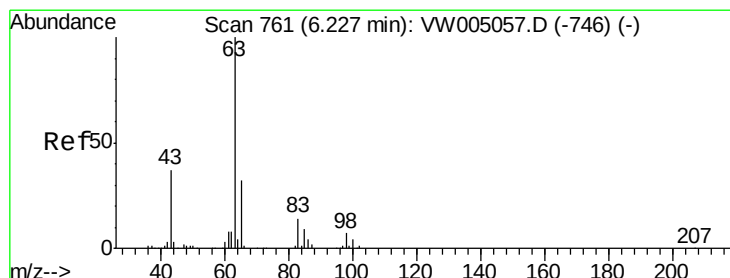
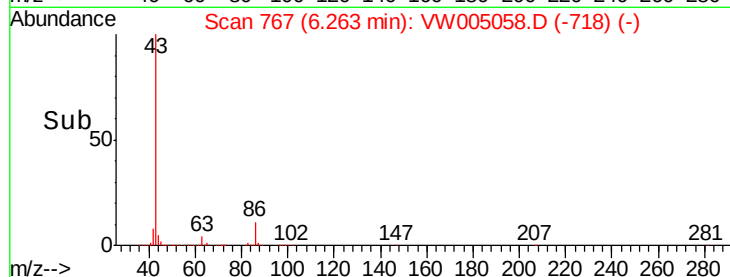
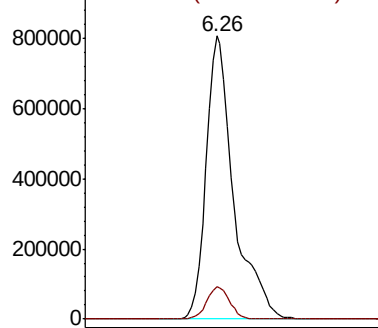
43 100

86 11.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 68.321 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

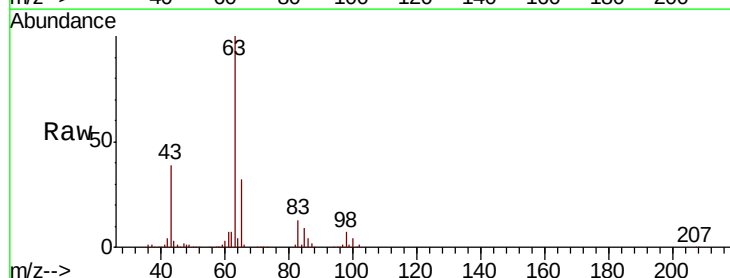
Tgt Ion: 63 Resp: 575229

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

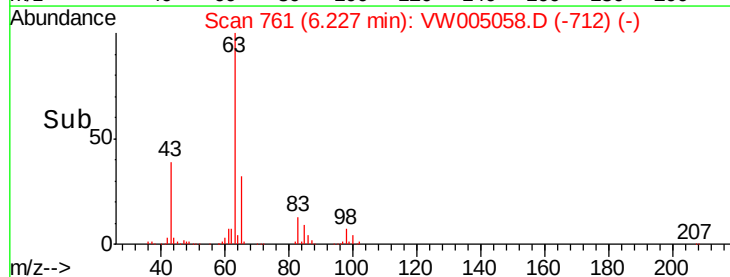
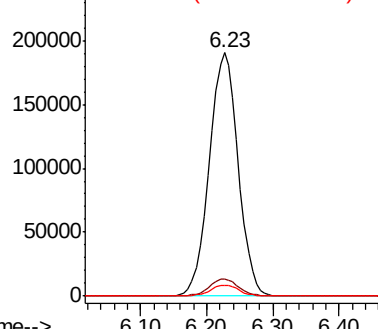
100 4.4 2.2 6.6

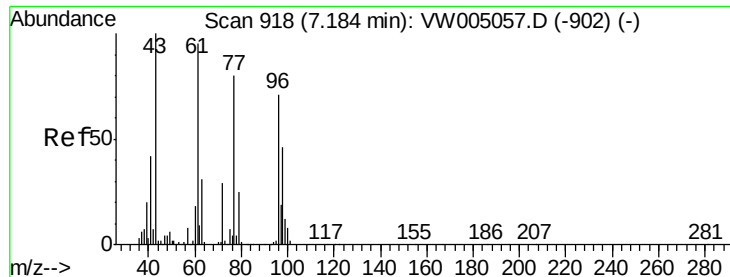


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

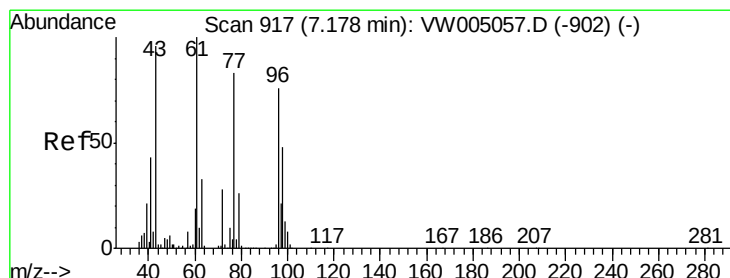
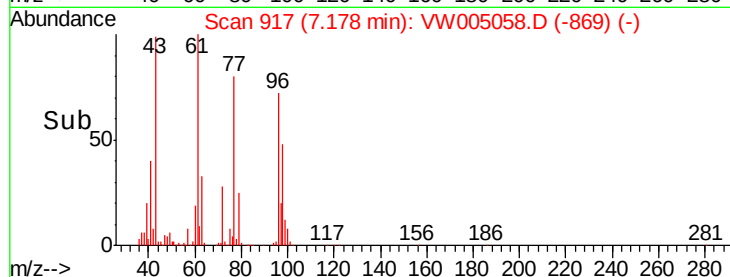
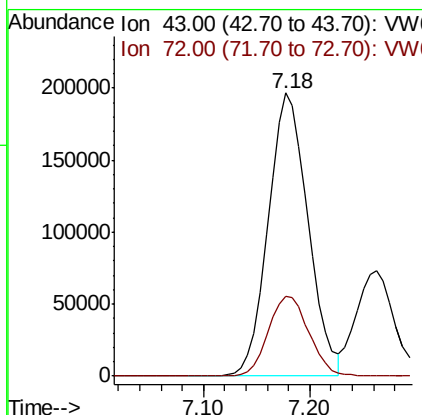
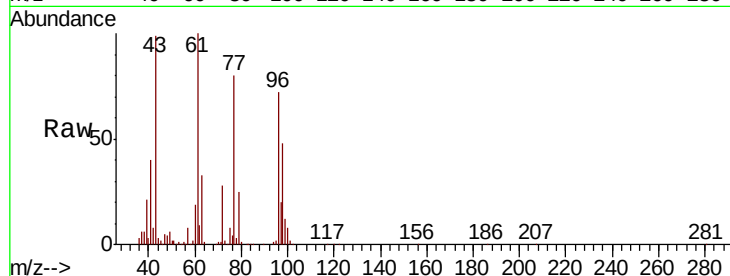




#25
2-Butanone
Concen: 348.037 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

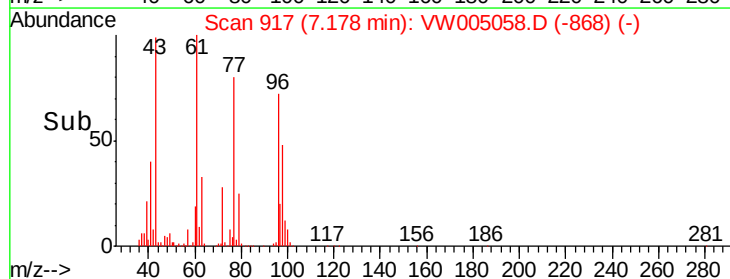
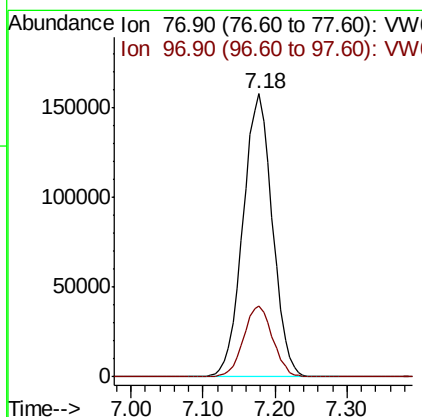
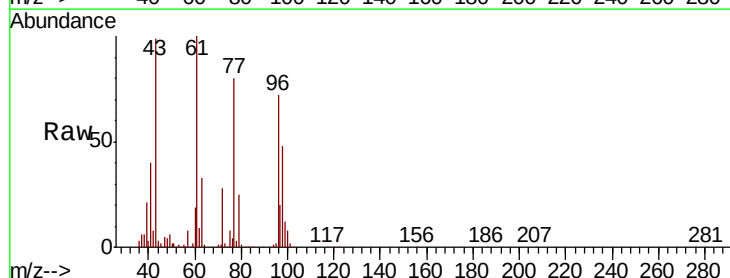
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

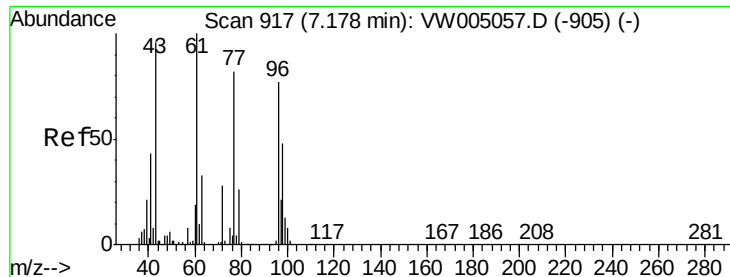
Tgt Ion: 43 Resp: 508229
Ion Ratio Lower Upper
43 100
72 28.1 23.1 34.7



#26
2,2-Dichloropropane
Concen: 64.774 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



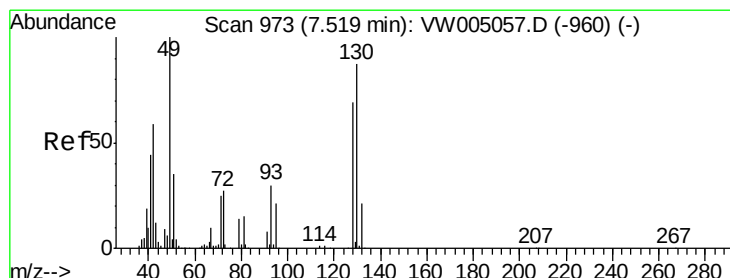
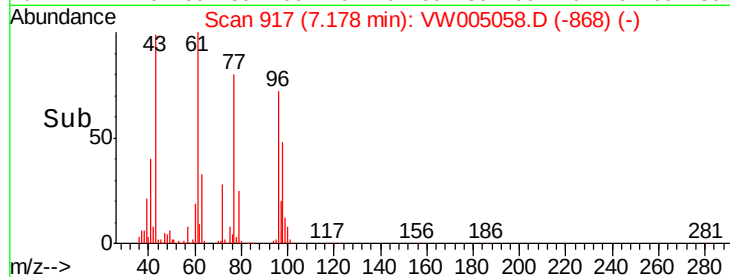
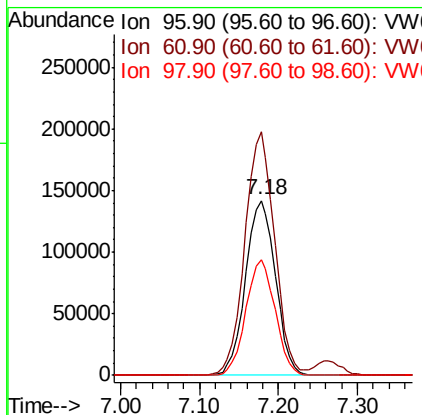
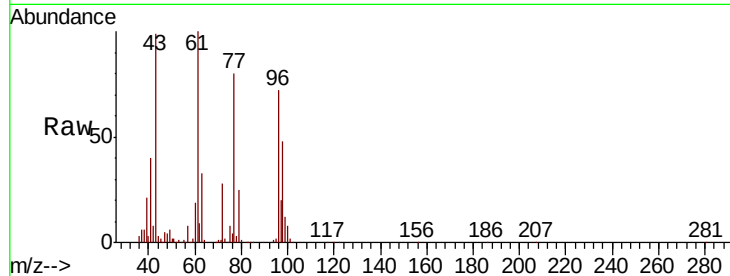


#27

cis-1,2-Dichloroethene
 Concen: 68.631 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

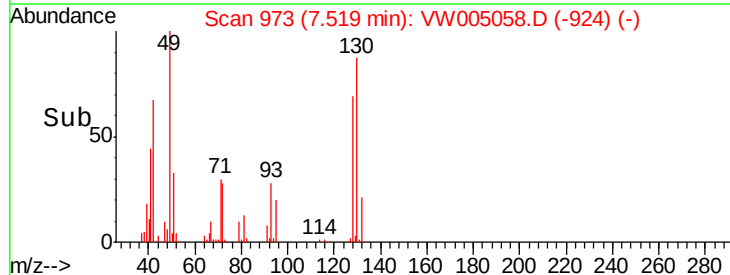
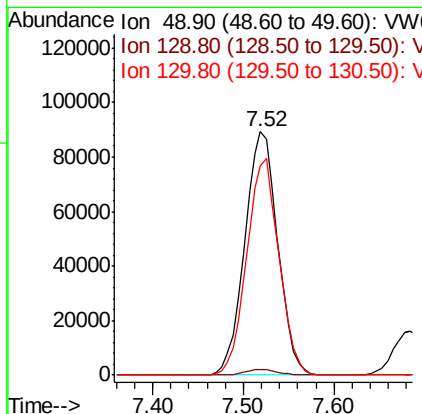
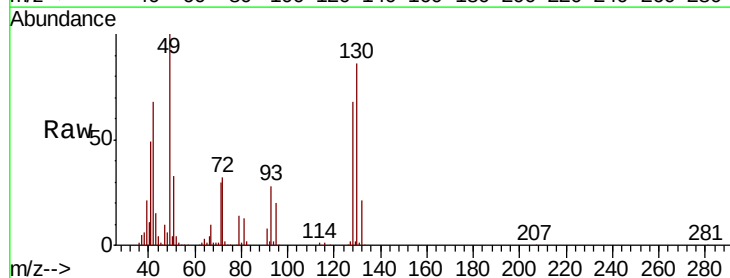
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	273.2
98	64.8	0.0	127.8

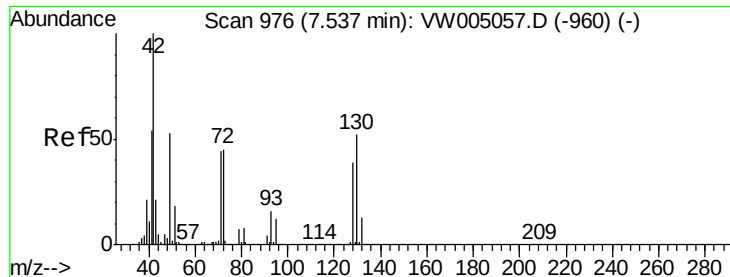


#28

Bromochloromethane
 Concen: 66.131 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: 361.217 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

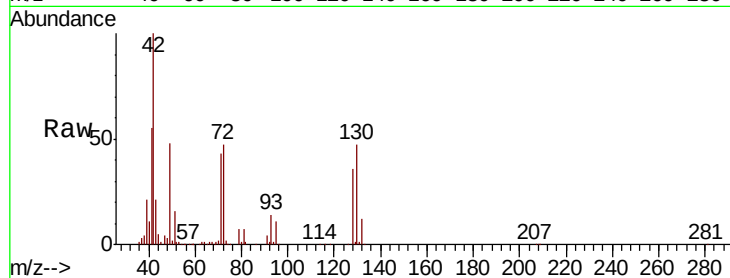
Tgt Ion: 42 Resp: 269518

Ion Ratio Lower Upper

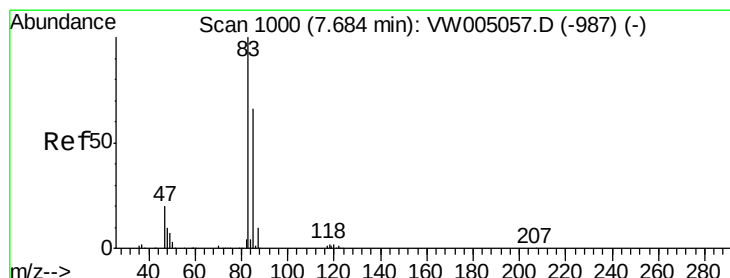
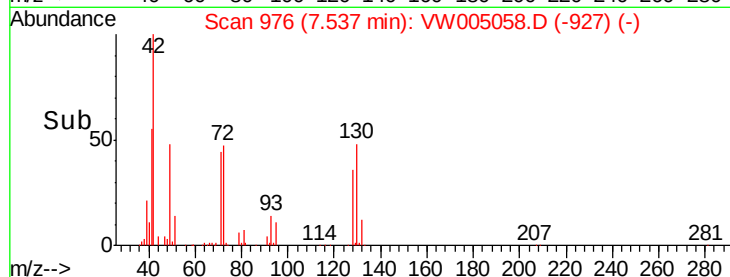
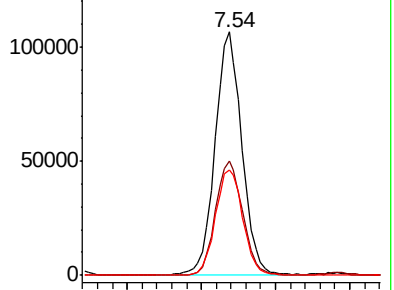
42 100

72 47.5 37.0 55.4

71 44.4 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 67.211 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW005058.D

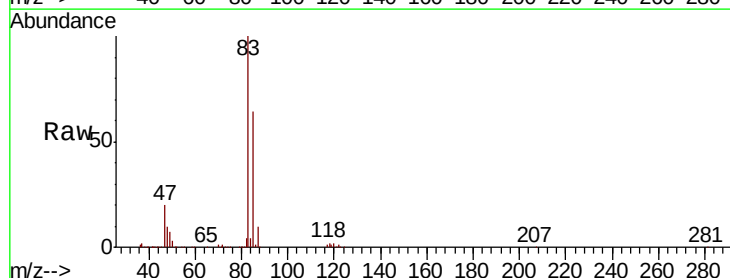
Acq: 01 Sep 2018 01:29

Tgt Ion: 83 Resp: 577567

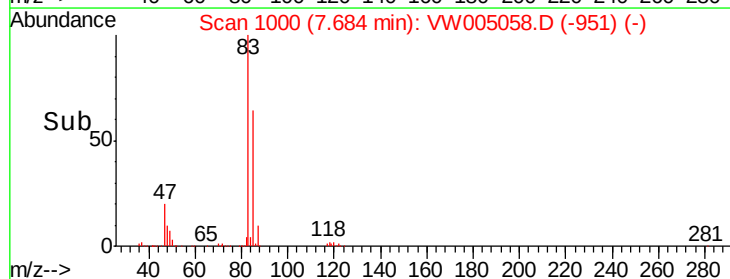
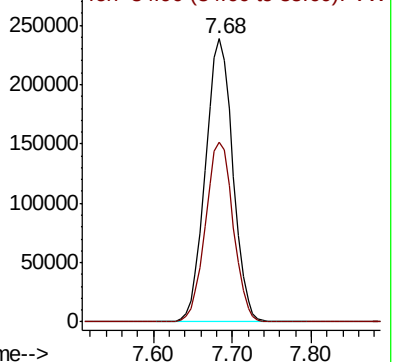
Ion Ratio Lower Upper

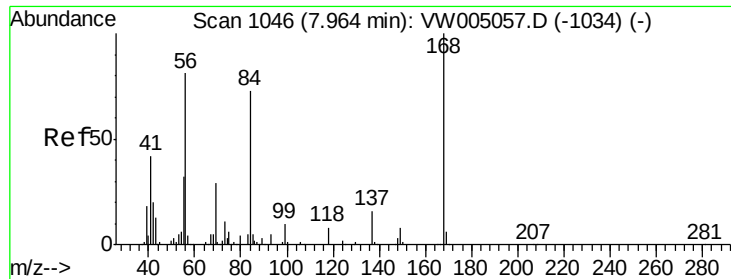
83 100

85 63.6 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

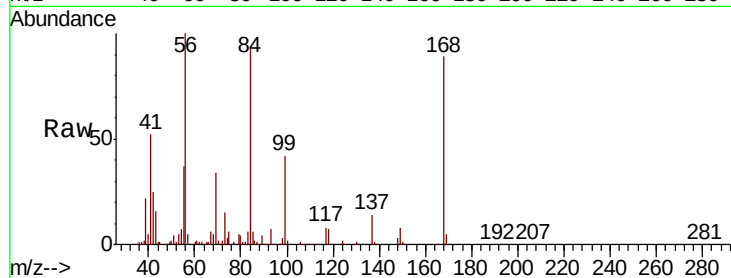




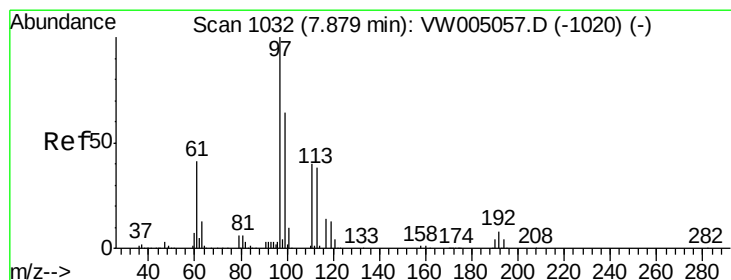
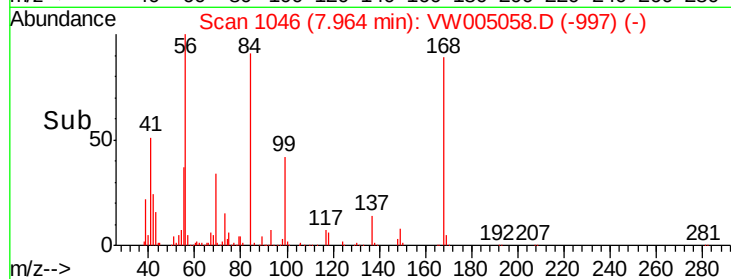
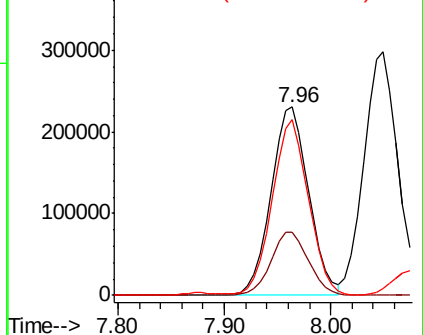
#31
Cyclohexane
Concen: 68.237 ug/l
RT: 7.96 min Scan# 1046
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

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

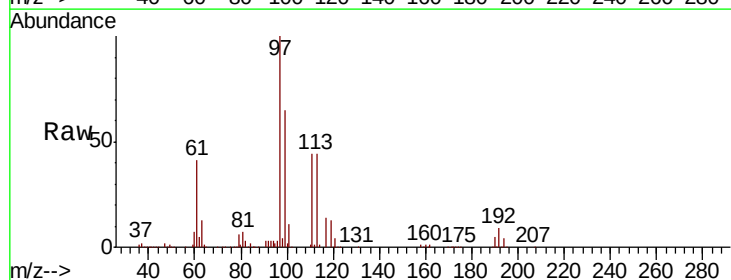


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

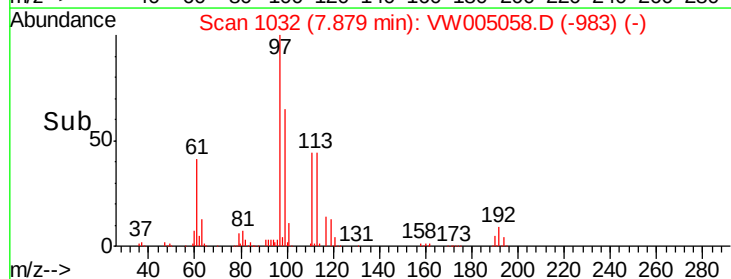
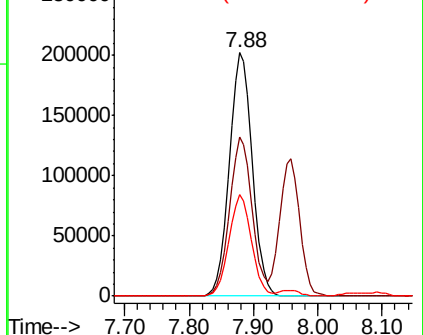


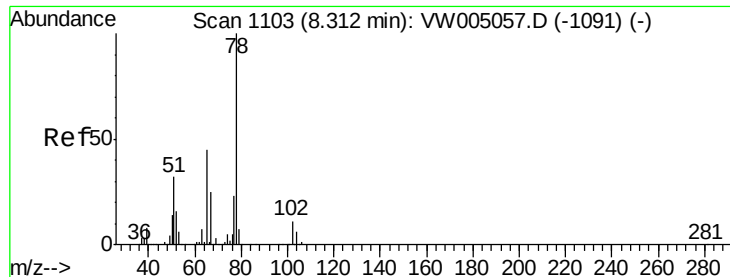
#32
1,1,1-Trichloroethane
Concen: 67.528 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

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



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

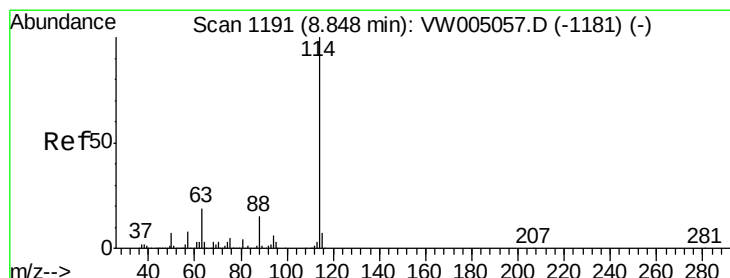
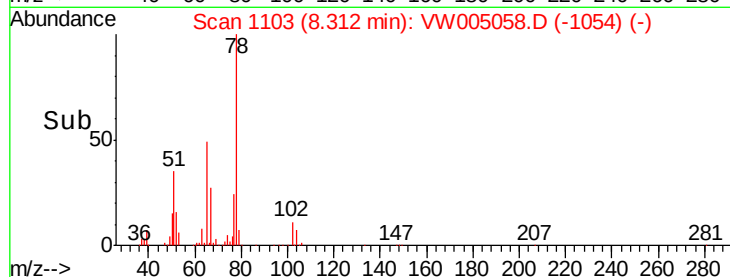
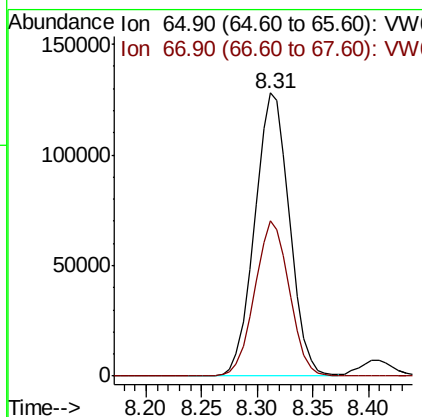
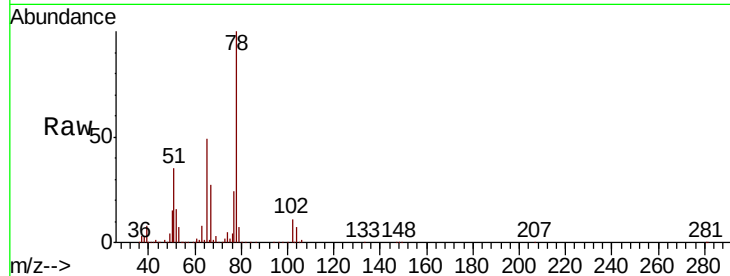




#33
 1,2-Dichloroethane-d4
 Concen: 66.424 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

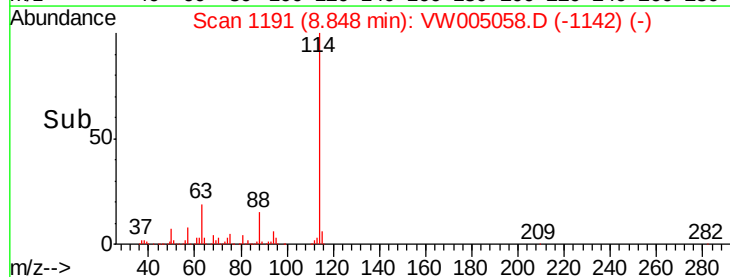
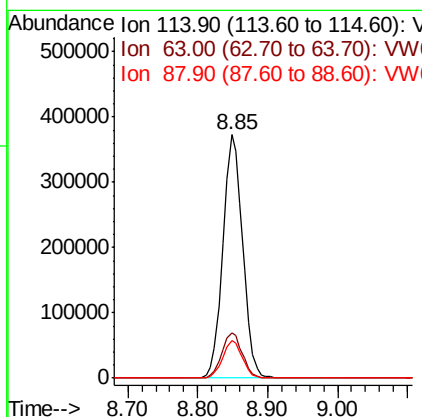
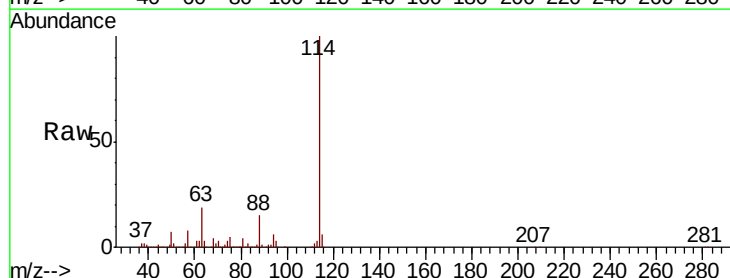
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

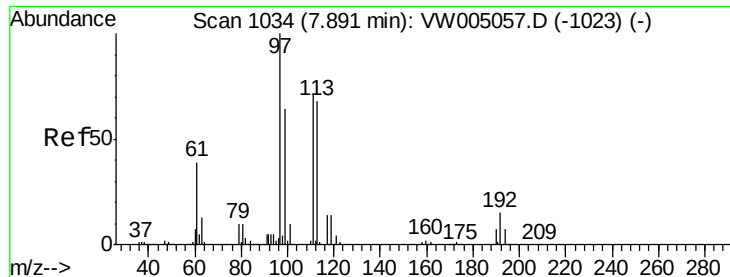
Tgt Ion: 65 Resp: 278849
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 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: 114 Resp: 730015
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.4 0.0 30.2

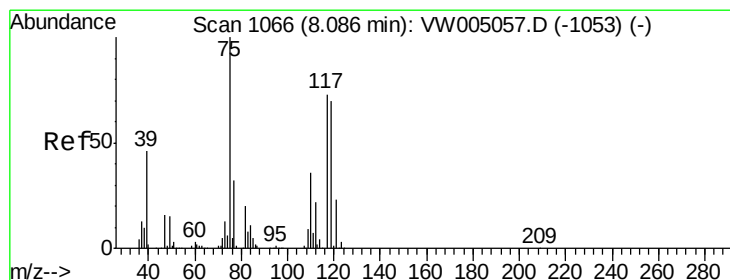
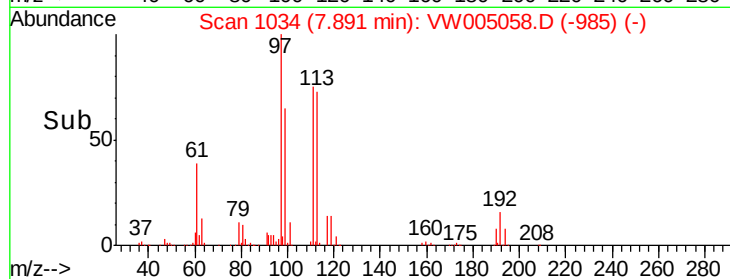
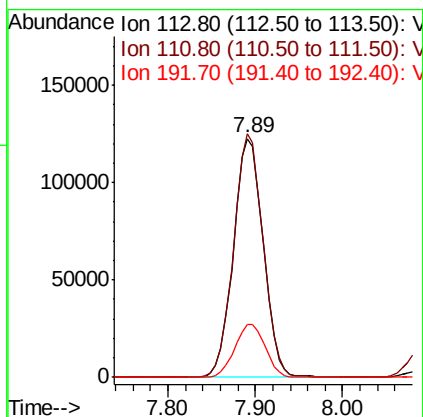
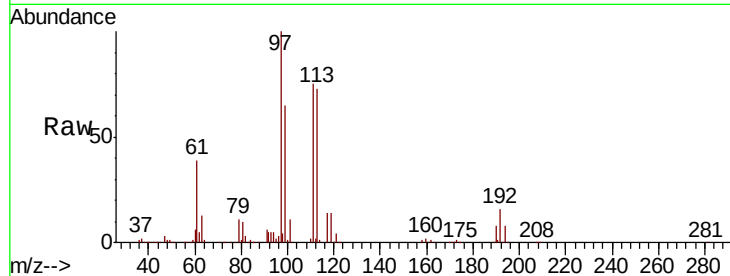




#35
 Dibromofluoromethane
 Concen: 68.792 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

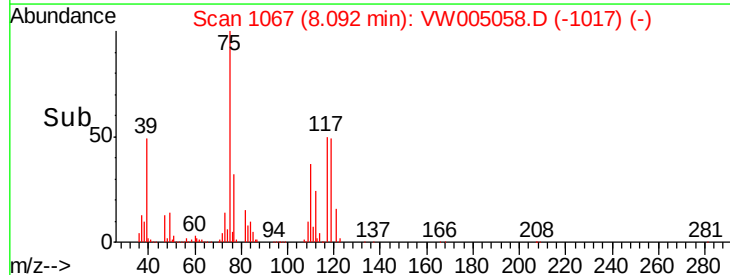
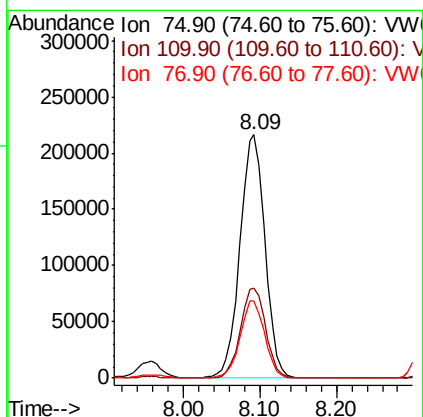
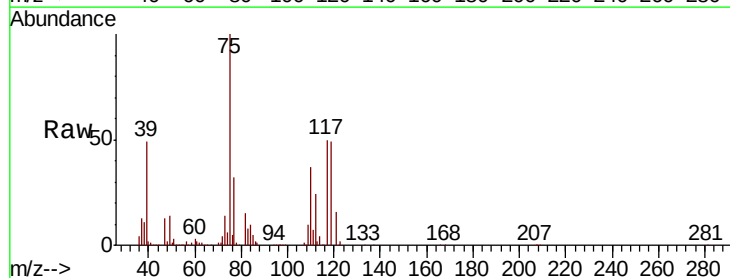
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

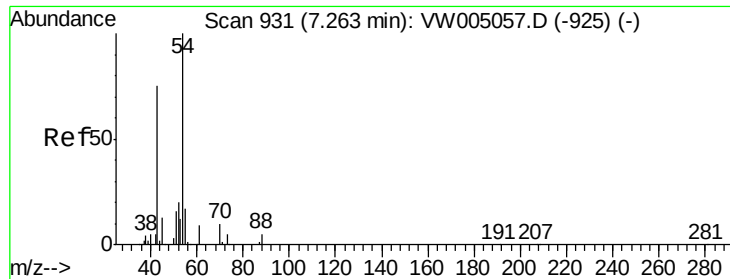
Tgt Ion: 113 Resp: 290210
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 22.5 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 70.490 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: 75 Resp: 490088
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.9 56.7
 77 31.5 25.5 38.3

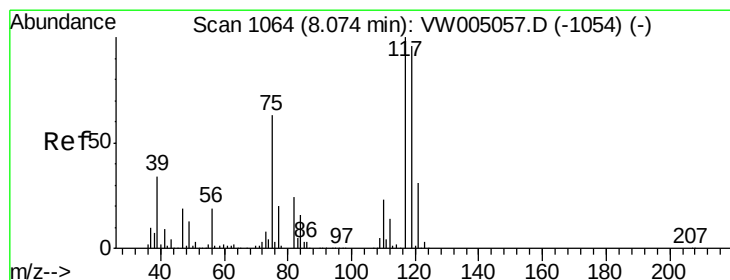
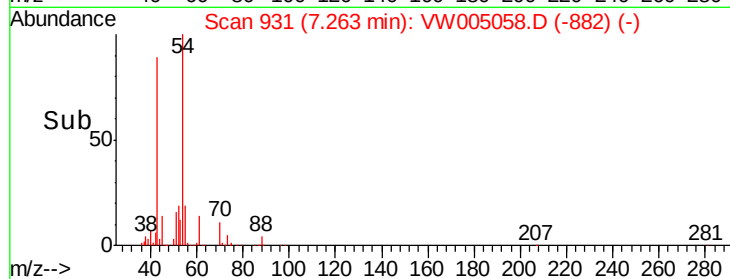
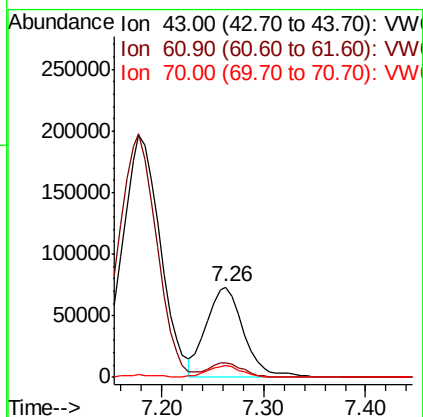
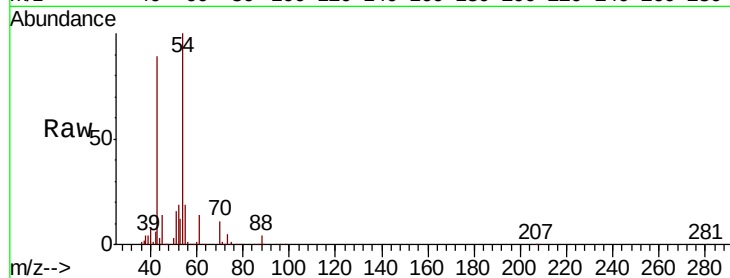




#37
Ethyl Acetate
Concen: 71.523 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

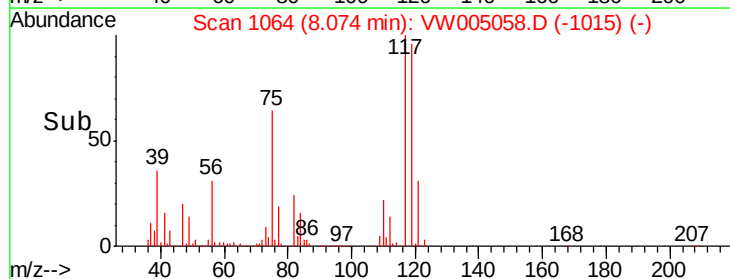
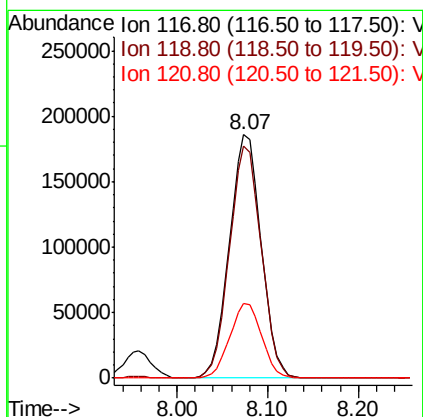
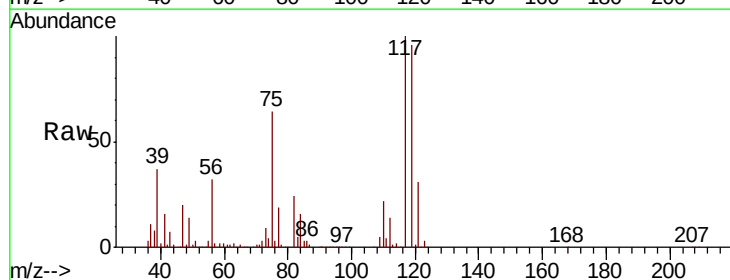
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

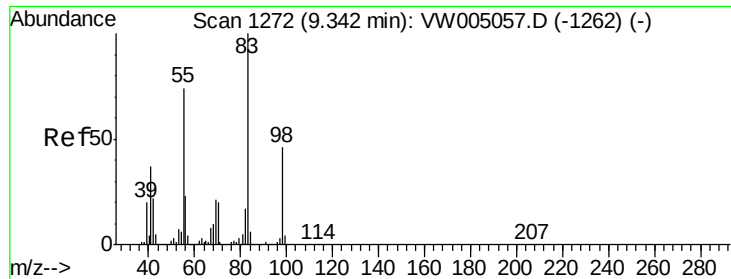
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.9	9.4	14.2



#38
Carbon Tetrachloride
Concen: 68.225 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	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
121	30.9	24.8	37.2

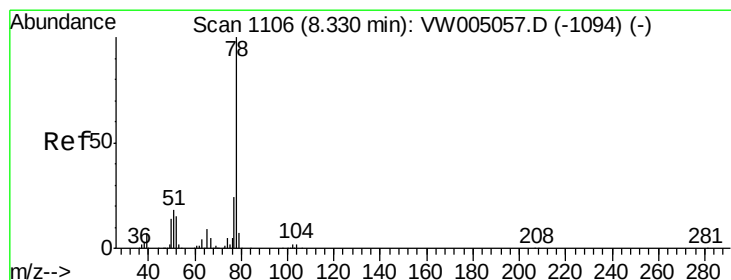
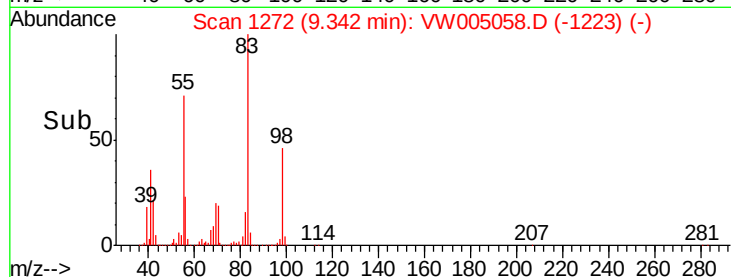
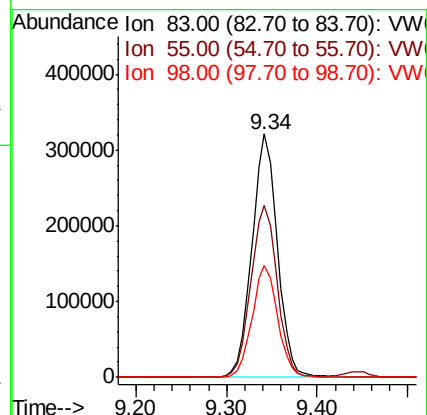
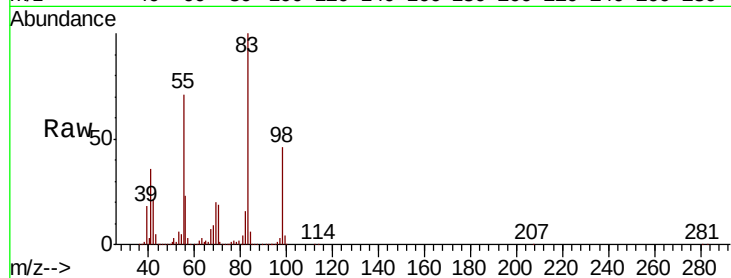




#39
Methylcyclohexane
Concen: 74.499 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

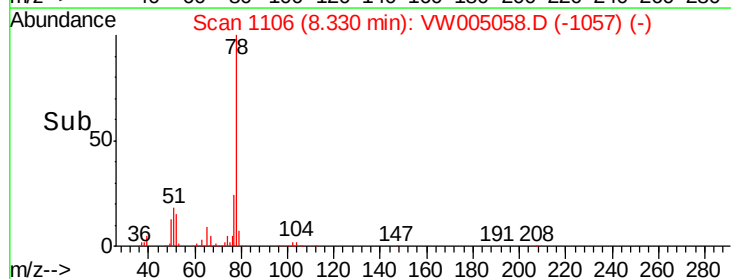
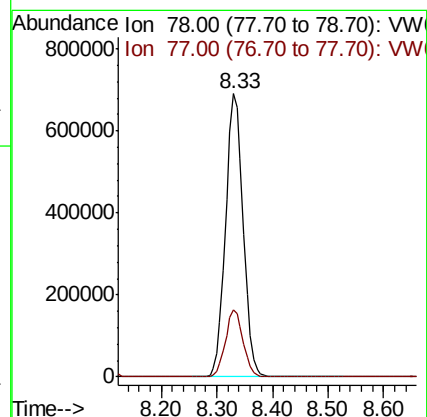
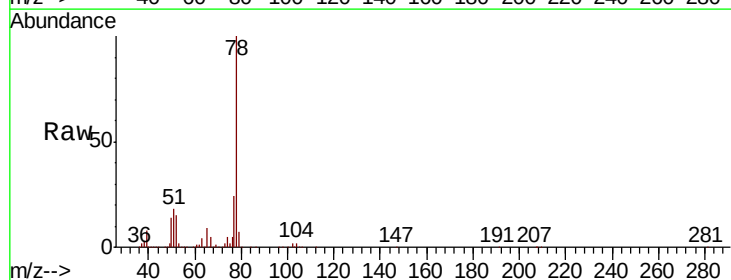
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

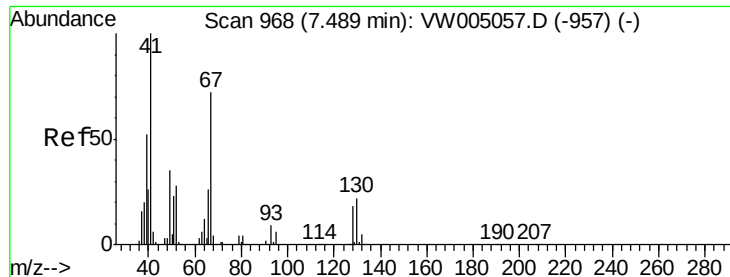
Tgt Ion: 83 Resp: 626399
Ion Ratio Lower Upper
83 100
55 70.7 58.9 88.3
98 45.8 36.8 55.2



#40
Benzene
Concen: 70.766 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: 78 Resp: 1506210
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

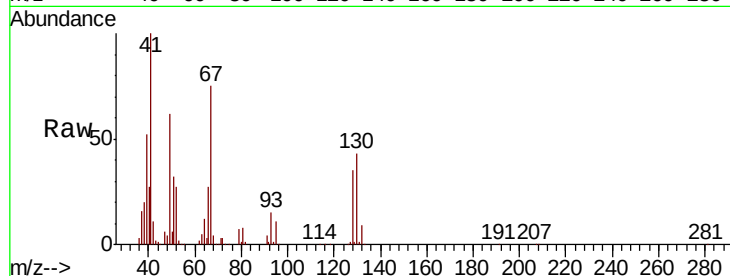




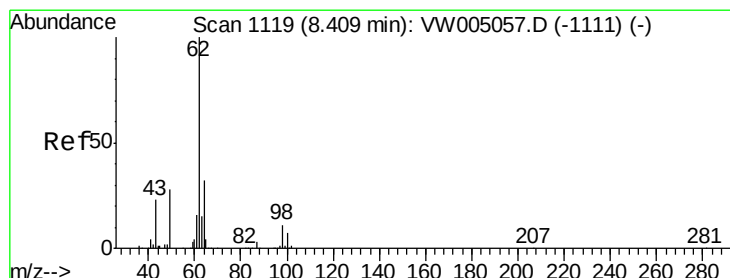
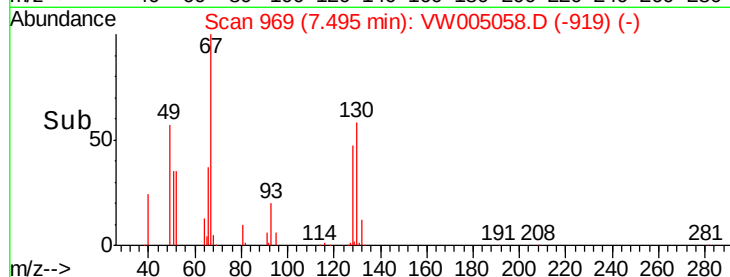
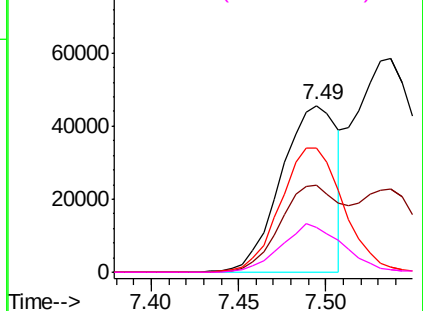
#41
Methacrylonitrile
Concen: 67.718 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	102018
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

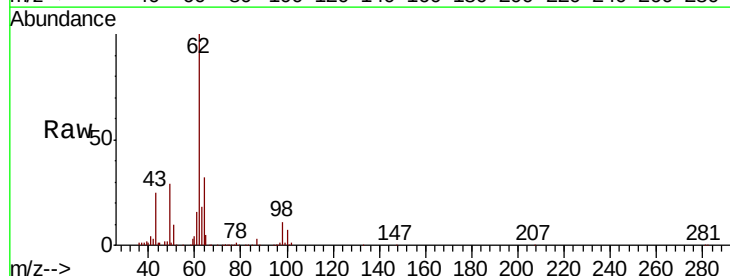


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

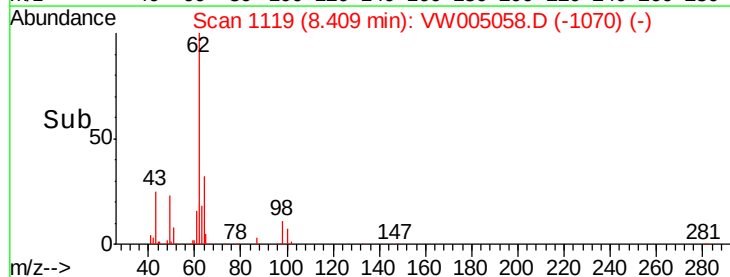
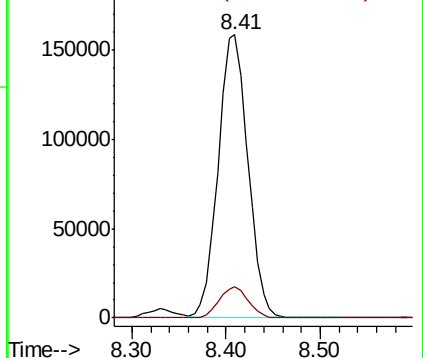


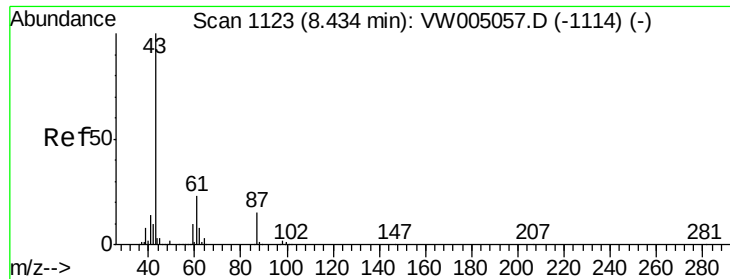
#42
1,2-Dichloroethane
Concen: 66.651 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Tgt Ion:	62	Resp:	347188
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 73.411 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

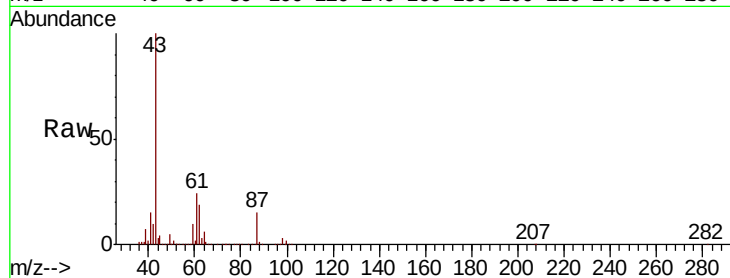
Tgt Ion: 43 Resp: 347336

Ion Ratio Lower Upper

43 100

61 33.3 26.8 40.2

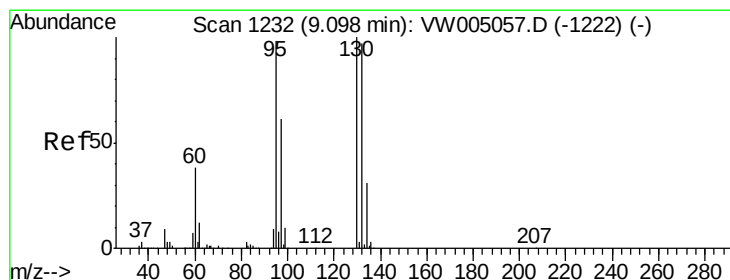
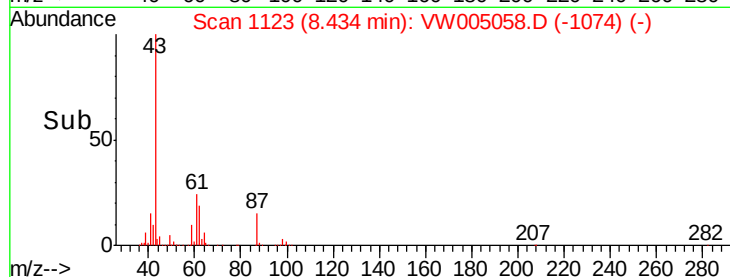
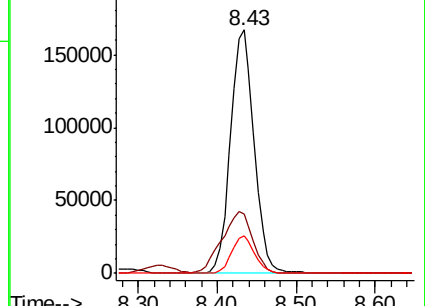
87 15.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 69.818 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005058.D

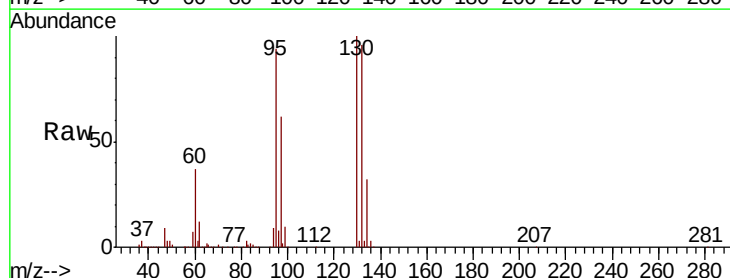
Acq: 01 Sep 2018 01:29

Tgt Ion: 130 Resp: 400949

Ion Ratio Lower Upper

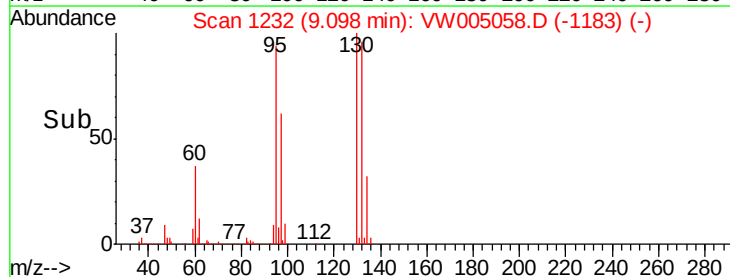
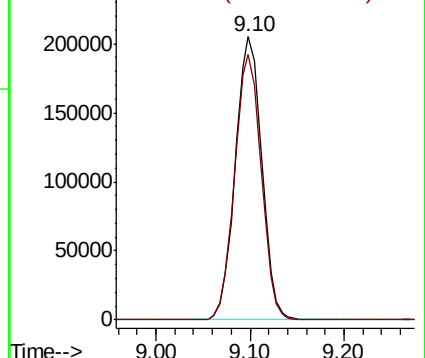
130 100

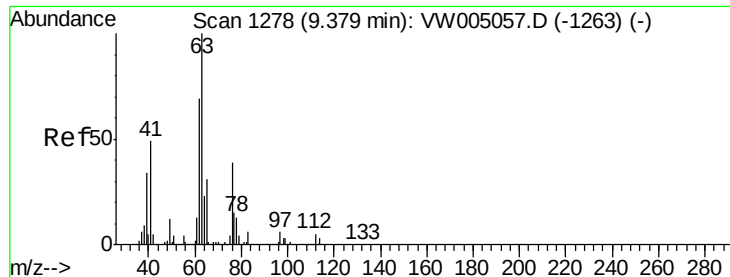
95 93.8 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 70.498 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 :

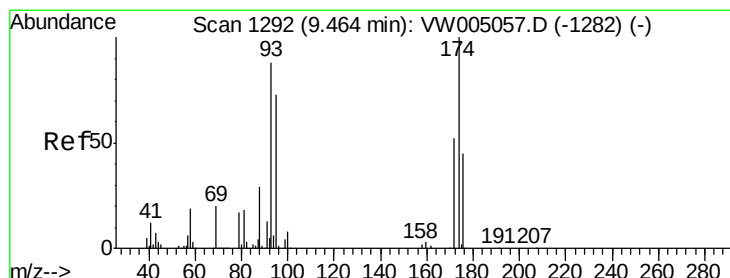
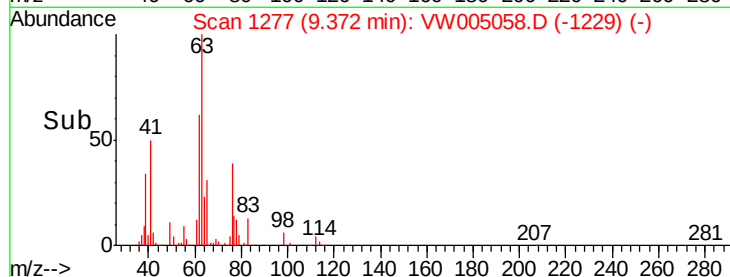
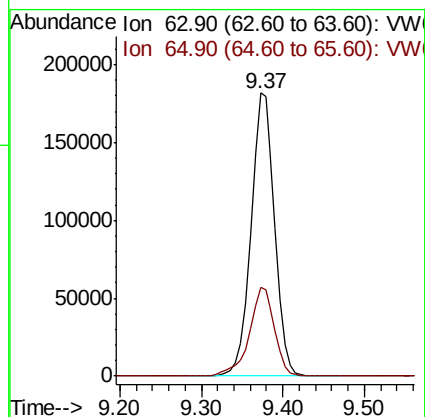
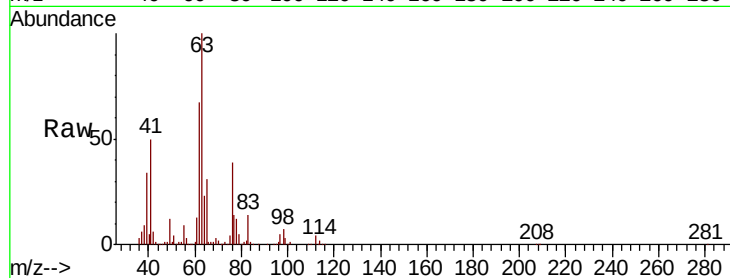
VSTDIC075

Tgt Ion: 63 Resp: 366567

Ion Ratio Lower Upper

63 100

65 31.4 24.6 37.0



#46

Dibromomethane

Concen: 68.199 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

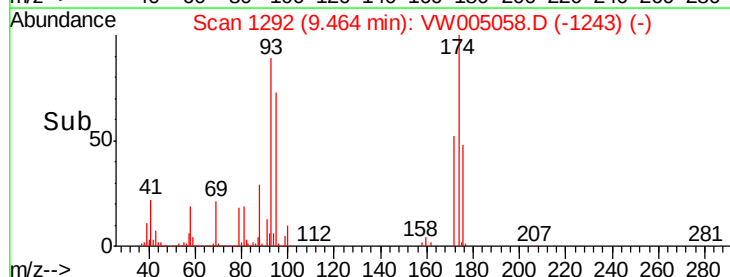
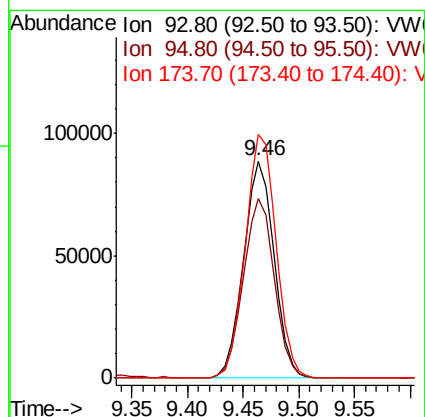
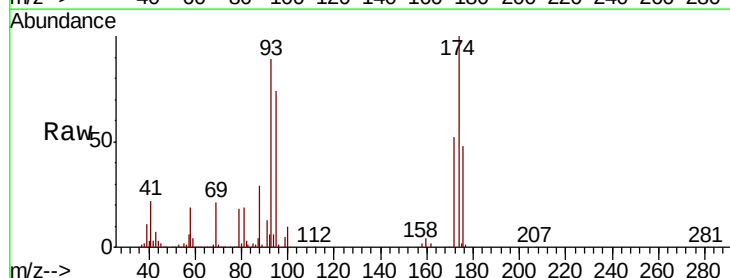
Tgt Ion: 93 Resp: 169567

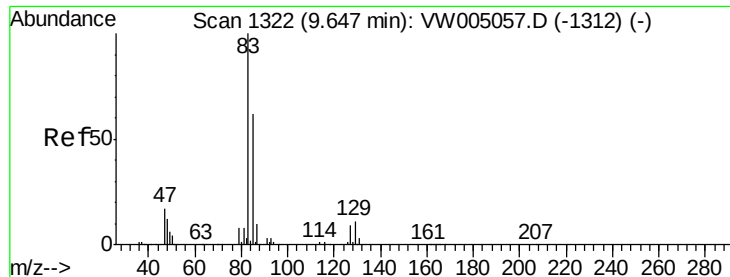
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 113.2 92.0 138.0





#47

Bromodichloromethane

Concen: 68.816 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

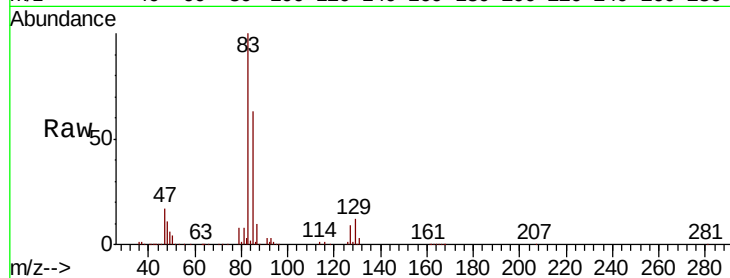
Tgt Ion: 83 Resp: 430819

Ion Ratio Lower Upper

83 100

85 63.4 49.8 74.6

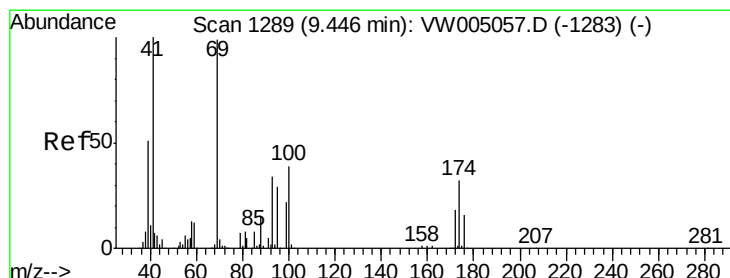
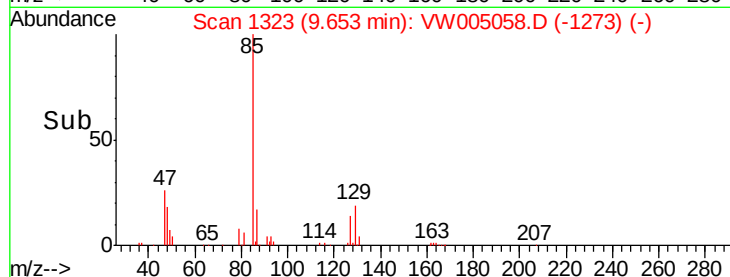
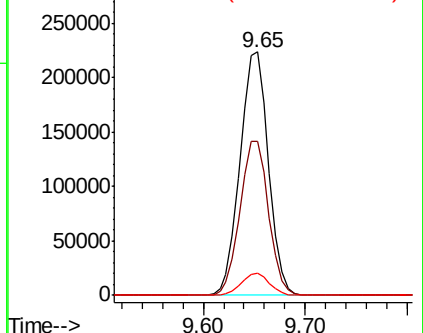
127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 76.895 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

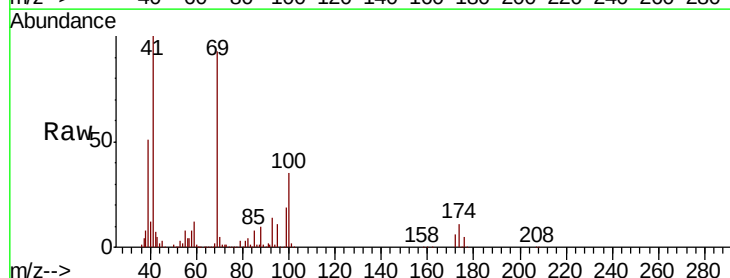
Tgt Ion: 41 Resp: 175187

Ion Ratio Lower Upper

41 100

69 99.5 80.4 120.6

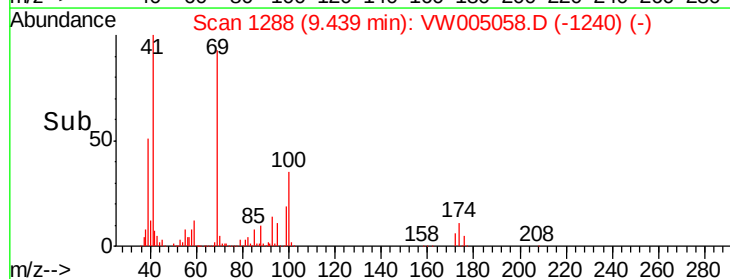
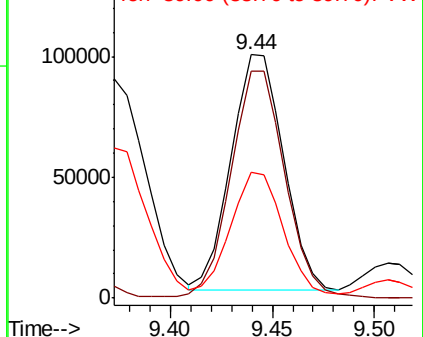
39 50.3 43.5 65.3

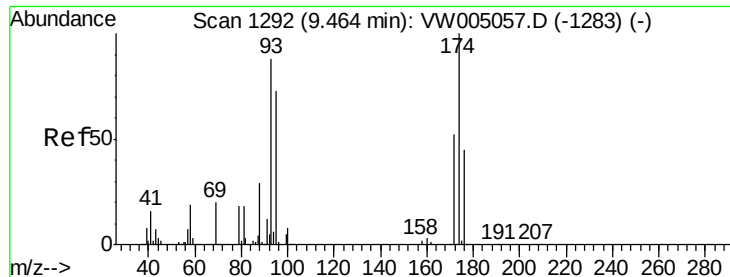


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1535.966 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

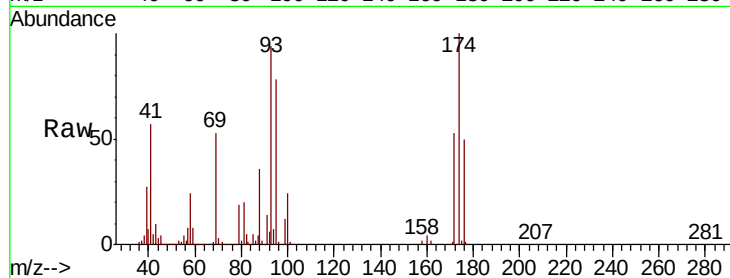
Tgt Ion: 88 Resp: 61758

Ion Ratio Lower Upper

88 100

43 26.9 19.8 29.6

58 70.9 57.1 85.7

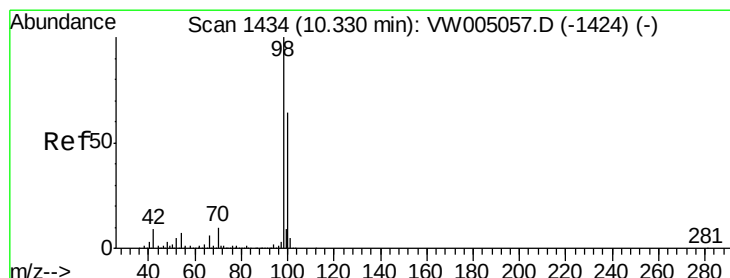
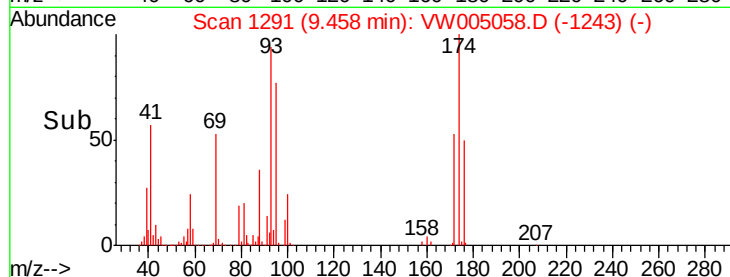
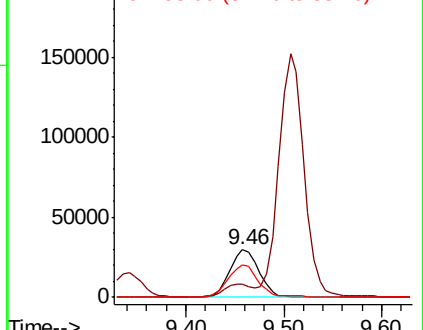


Abundance

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: 71.975 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005058.D

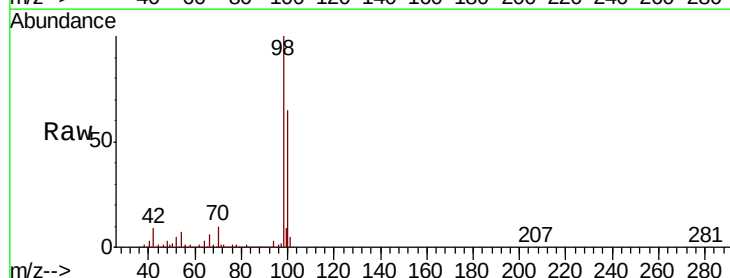
Acq: 01 Sep 2018 01:29

Tgt Ion: 98 Resp: 1399097

Ion Ratio Lower Upper

98 100

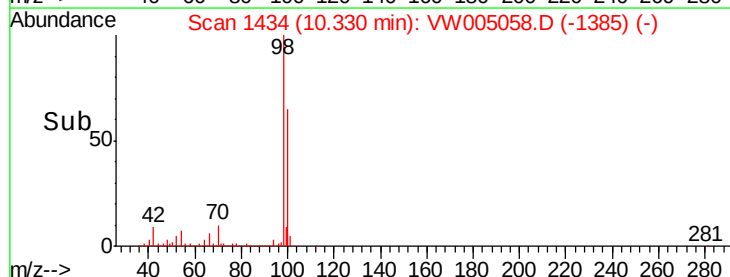
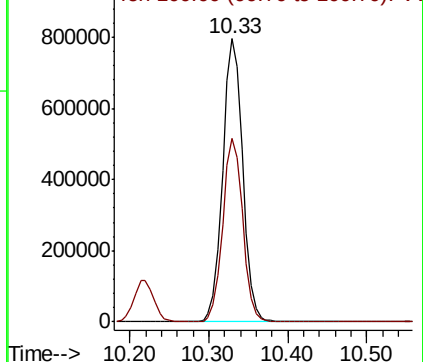
100 64.8 51.7 77.5

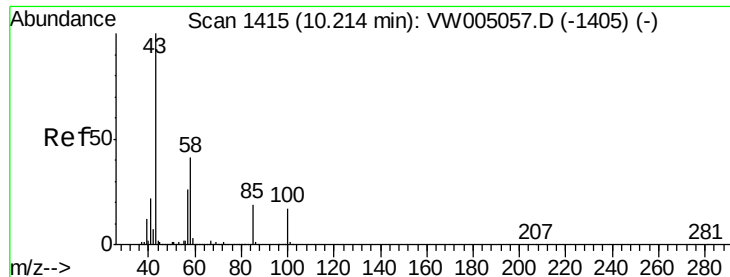


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

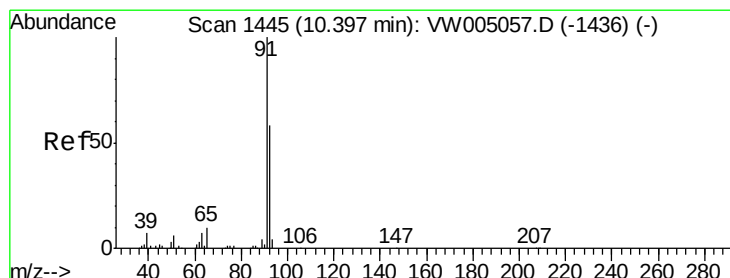
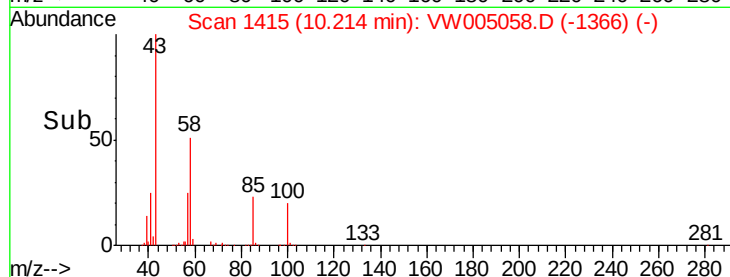
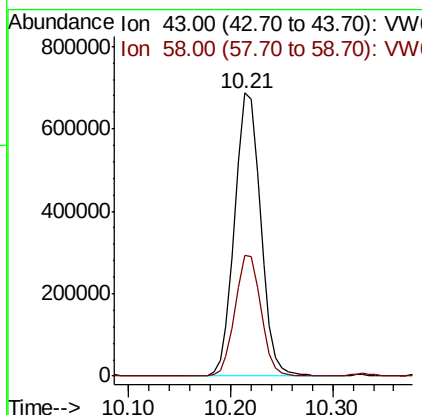
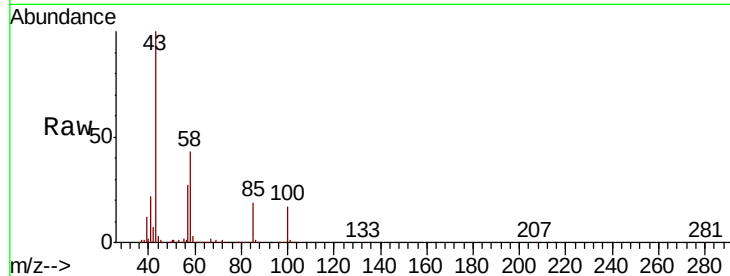




#51
 4-Methyl-2-Pentanone
 Concen: 382.581 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

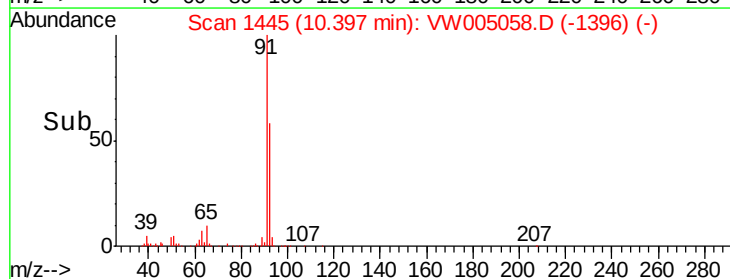
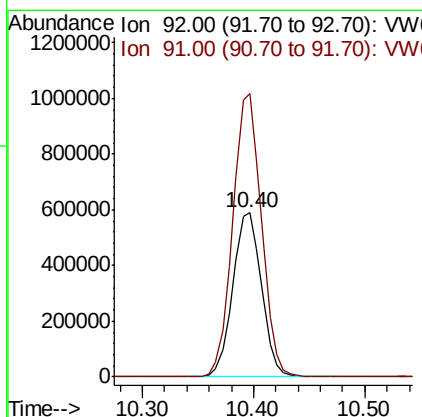
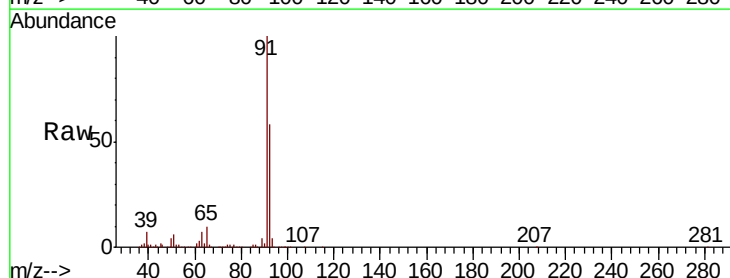
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

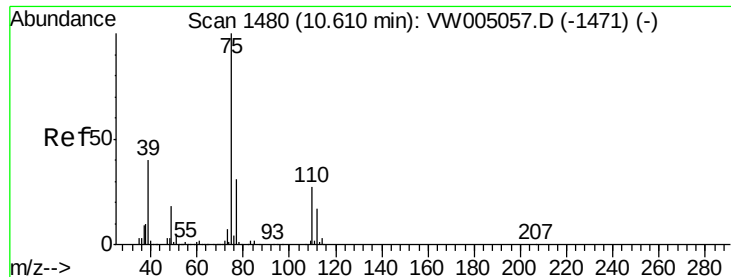
Tgt Ion: 43 Resp: 1213159
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.3 49.9



#52
 Toluene
 Concen: 72.832 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: 74.253 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

ClientSampled :

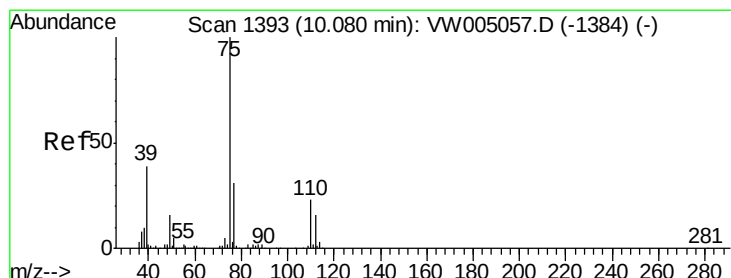
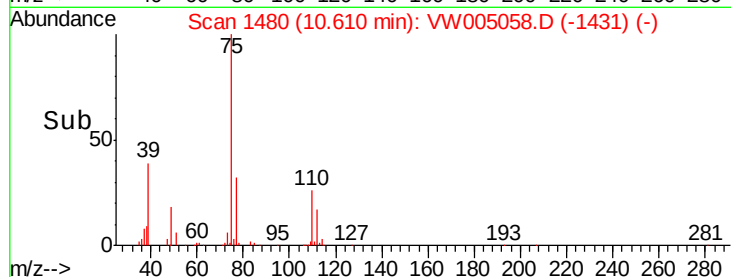
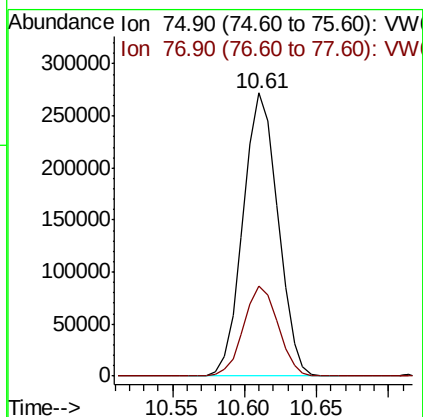
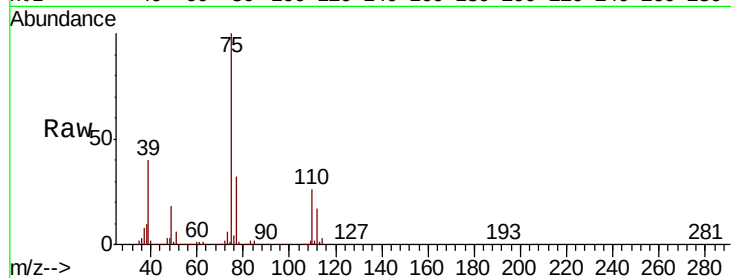
VSTDIC075

Tgt Ion: 75 Resp: 456779

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 73.555 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

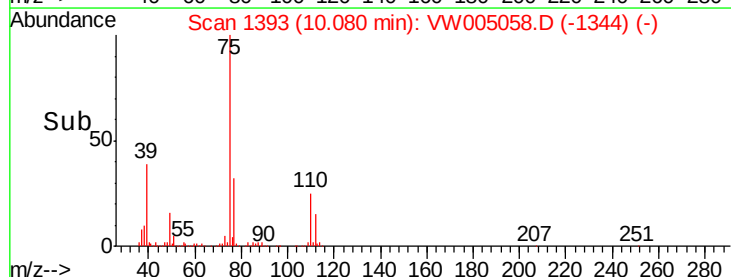
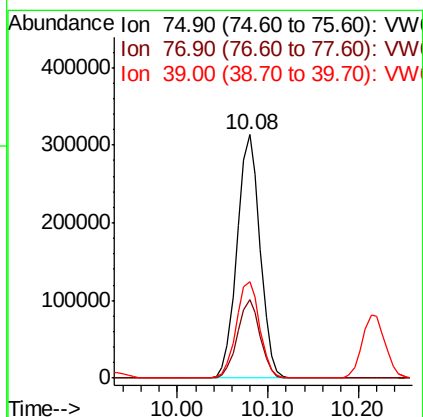
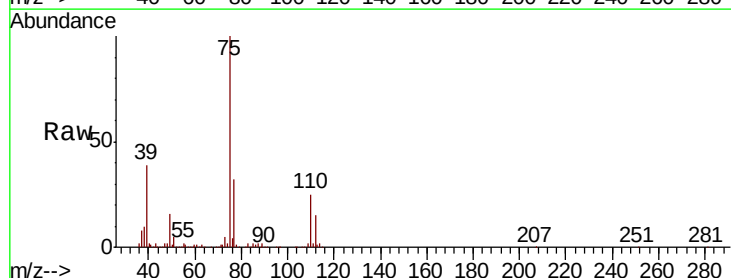
Tgt Ion: 75 Resp: 550286

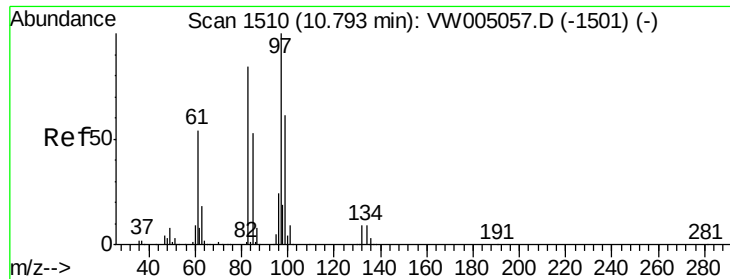
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 39.4 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 69.541 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

Tgt Ion: 97 Resp: 267703

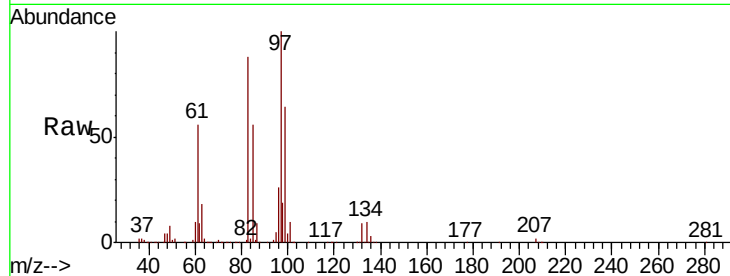
Ion Ratio Lower Upper

97 100

83 87.4 67.0 100.6

85 56.1 42.3 63.5

99 63.9 48.5 72.7

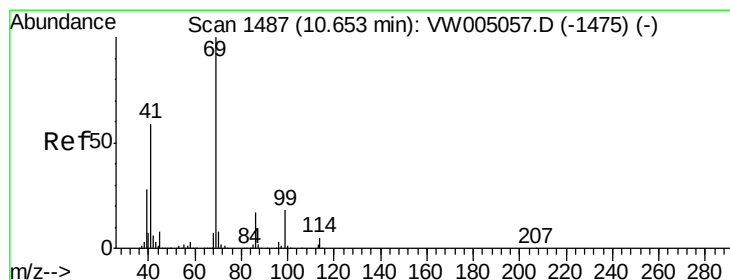
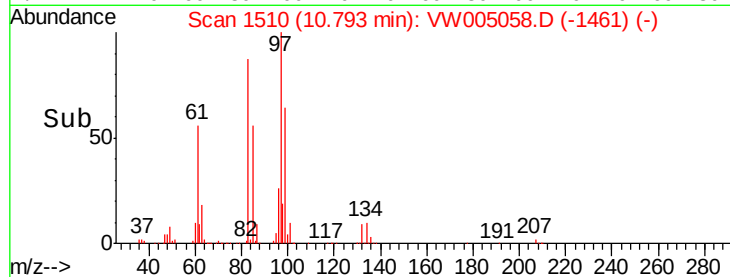
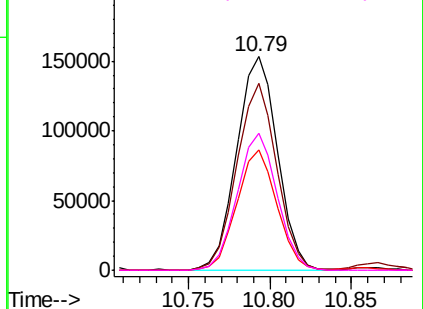


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 79.793 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

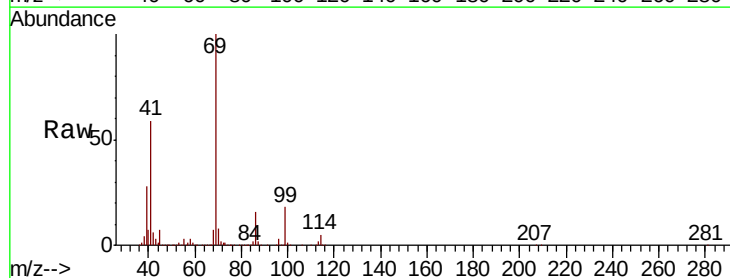
Tgt Ion: 69 Resp: 350441

Ion Ratio Lower Upper

69 100

41 59.5 47.8 71.6

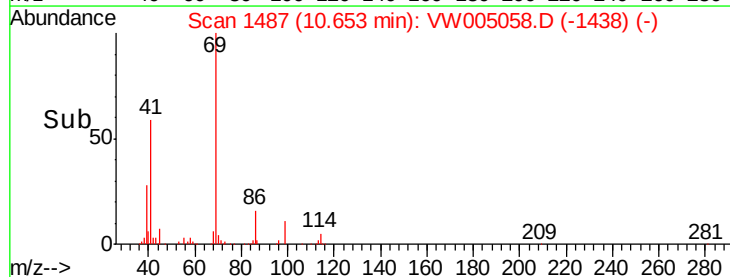
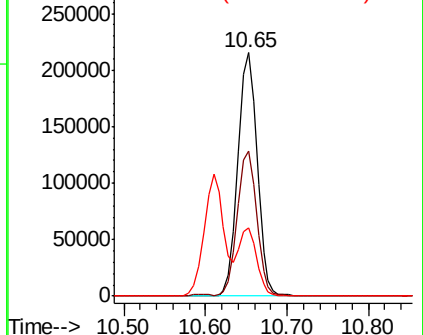
39 25.7 21.1 31.7

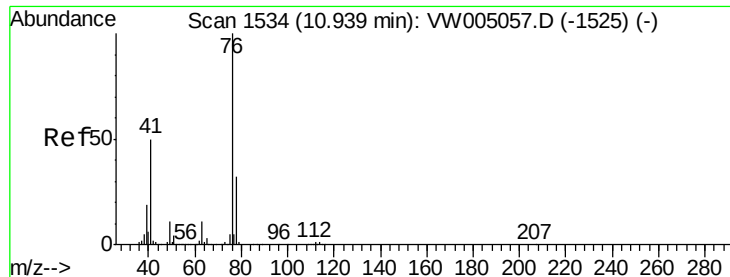


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 71.822 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 :

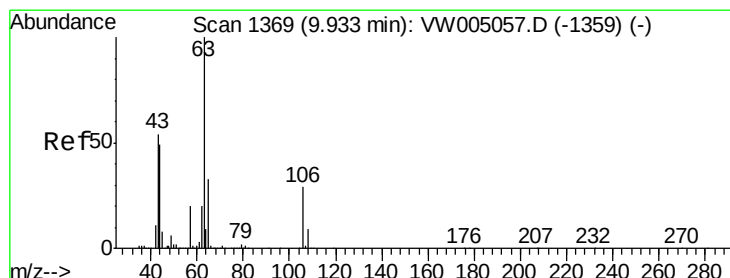
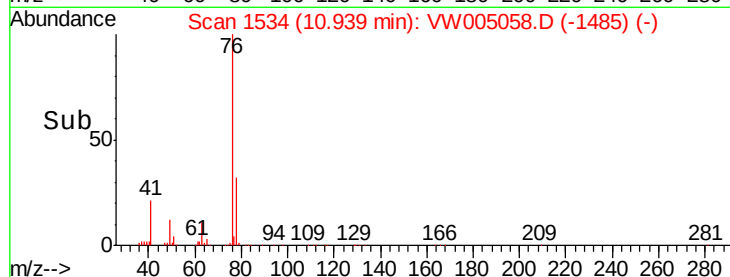
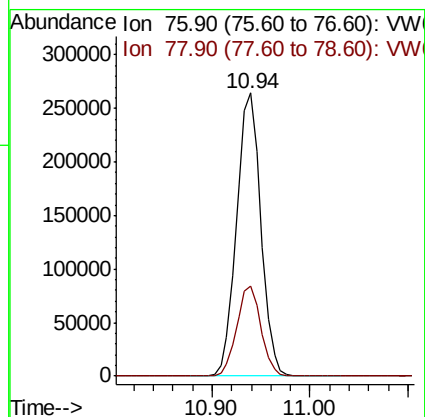
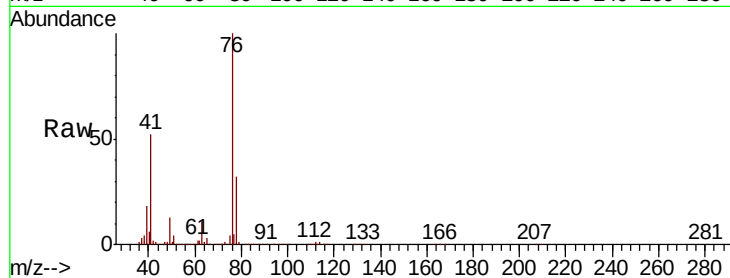
VSTDIC075

Tgt Ion: 76 Resp: 455180

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 394.568 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW005058.D

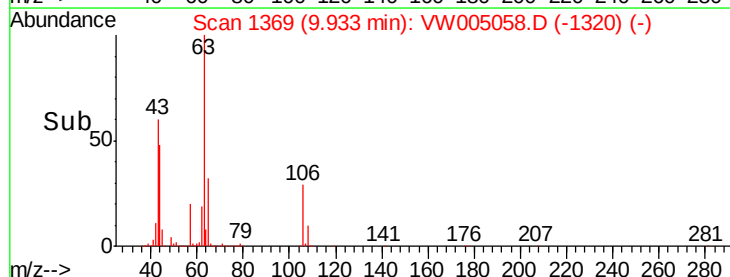
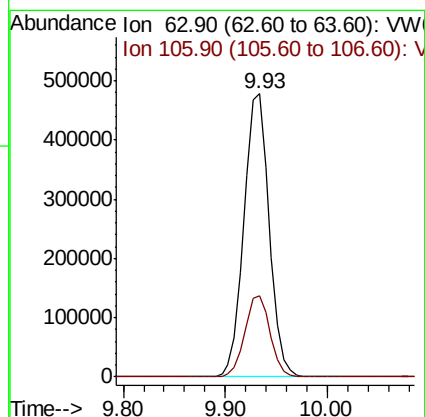
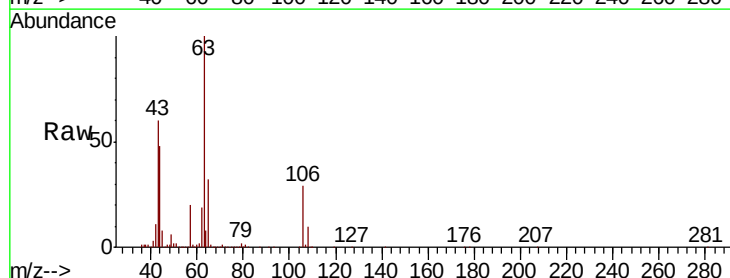
Acq: 01 Sep 2018 01:29

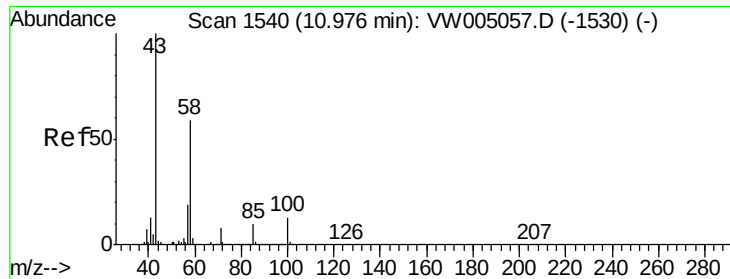
Tgt Ion: 63 Resp: 821127

Ion Ratio Lower Upper

63 100

106 28.5 23.1 34.7

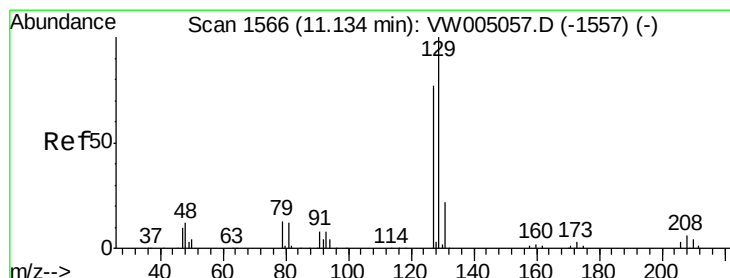
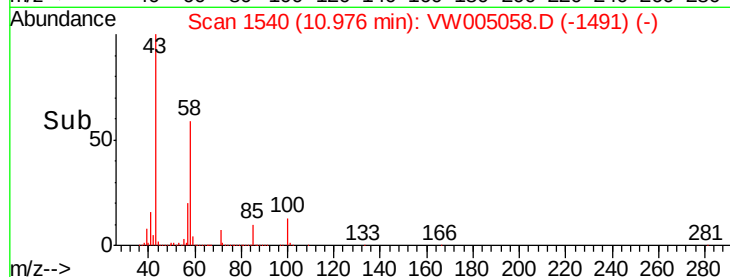
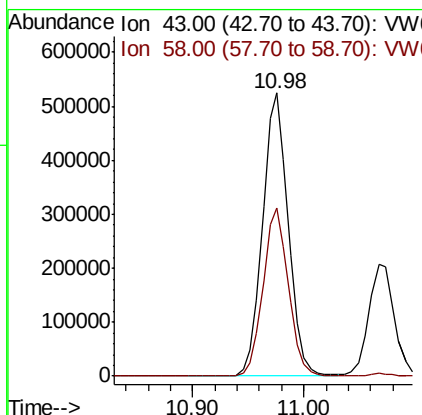
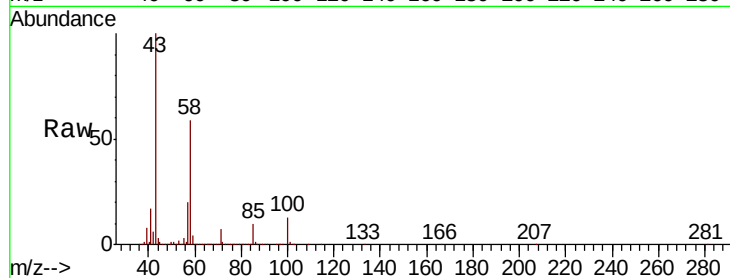




#59
2-Hexanone
Concen: 393.383 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

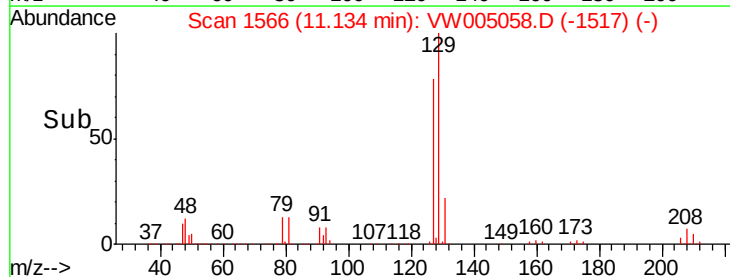
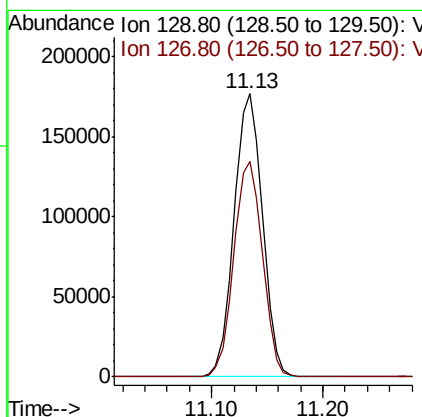
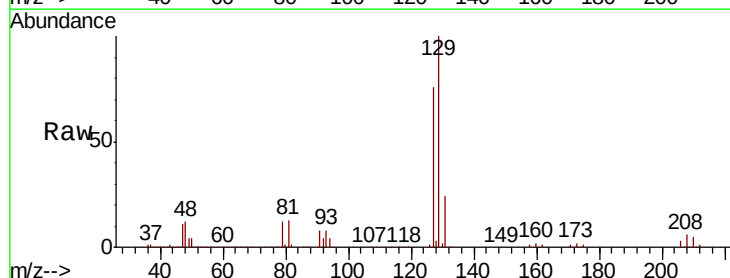
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

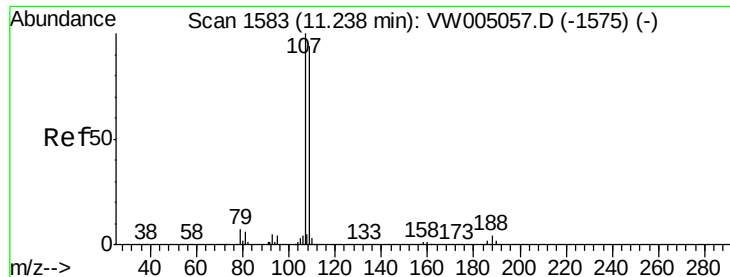
Tgt Ion: 43 Resp: 843699
Ion Ratio Lower Upper
43 100
58 58.6 28.7 86.3



#60
Dibromochloromethane
Concen: 71.724 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

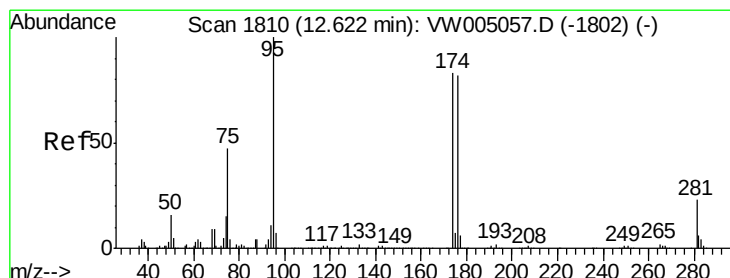
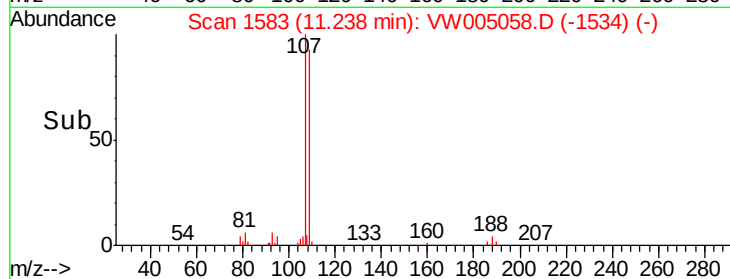
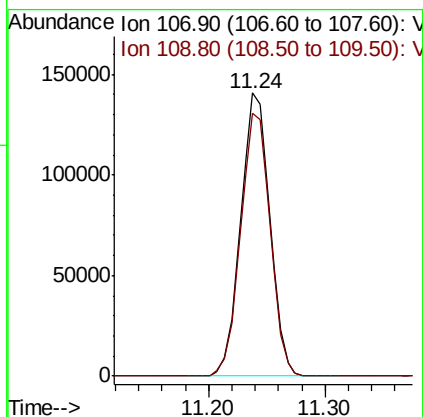
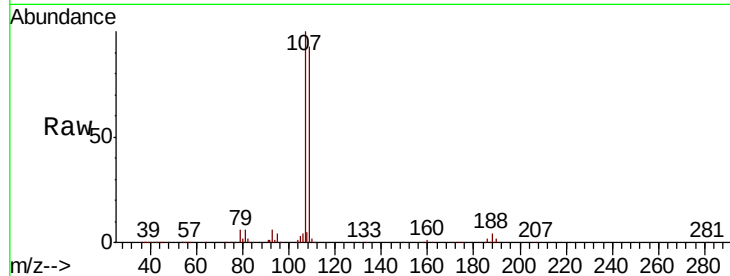




#61
 1,2-Dibromoethane
 Concen: 71.072 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

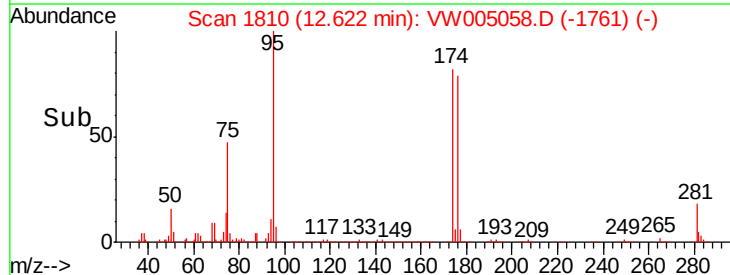
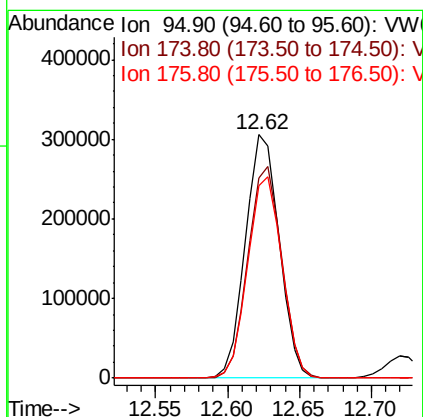
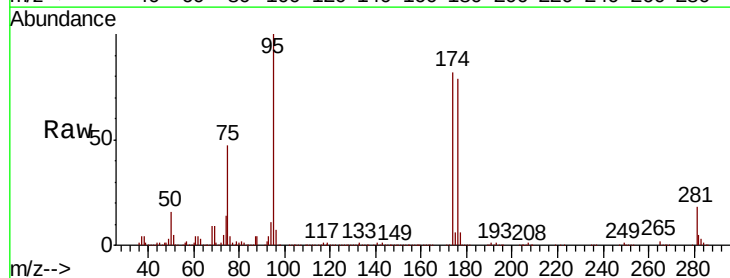
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

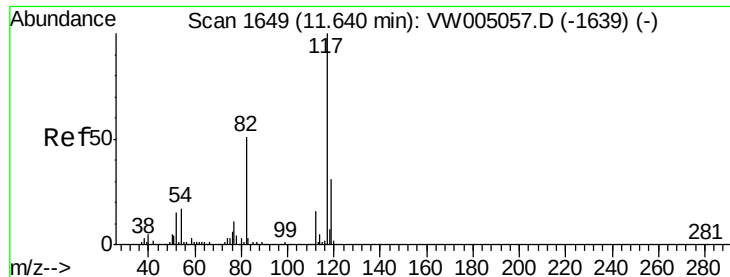
Tgt Ion: 107 Resp: 247012
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 72.548 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

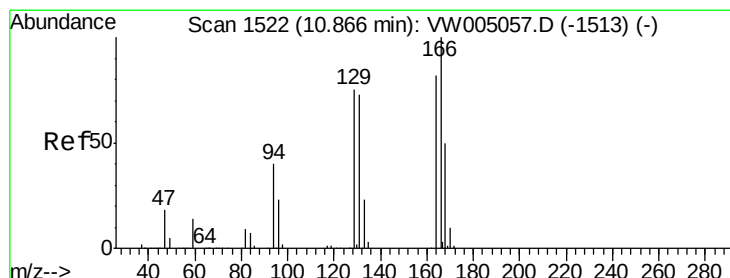
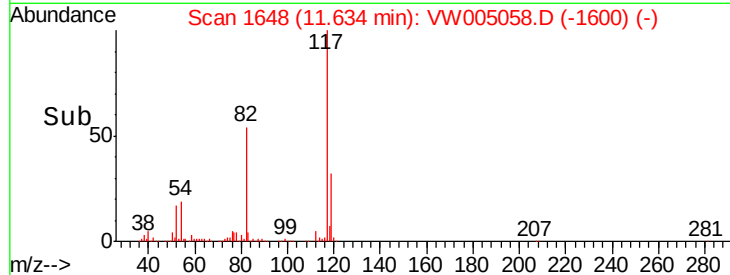
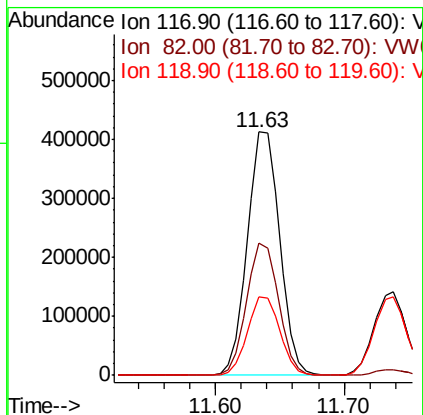
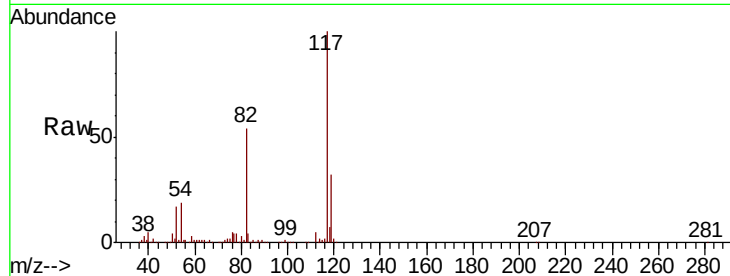




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

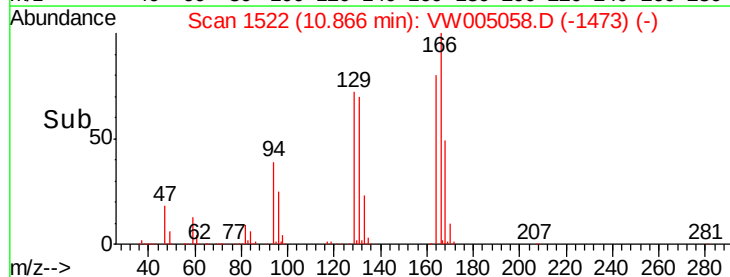
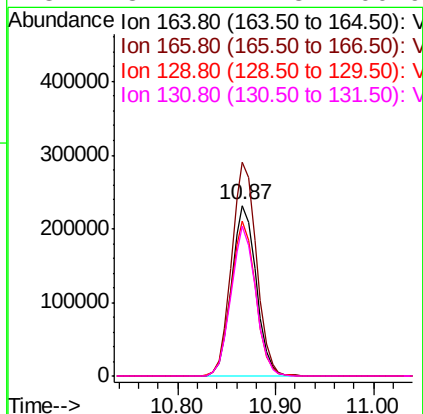
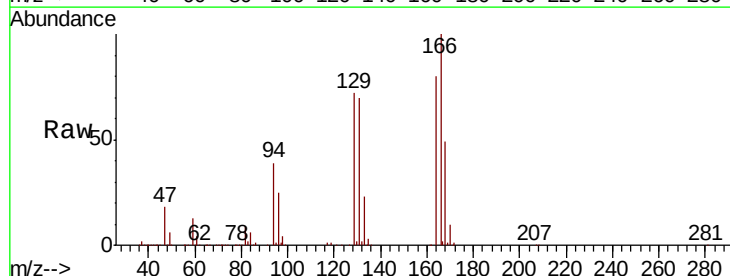
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

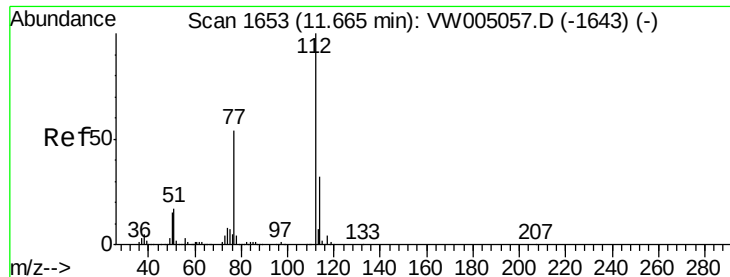
Tgt Ion:117 Resp: 716675
Ion Ratio Lower Upper
117 100
82 54.4 40.9 61.3
119 32.4 24.9 37.3



#64
Tetrachloroethene
Concen: 71.712 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:164 Resp: 403245
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: 71.680 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 :

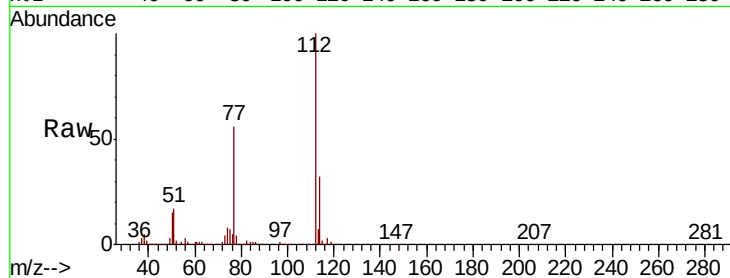
VSTDIC075

Tgt Ion:112 Resp: 1156505

Ion Ratio Lower Upper

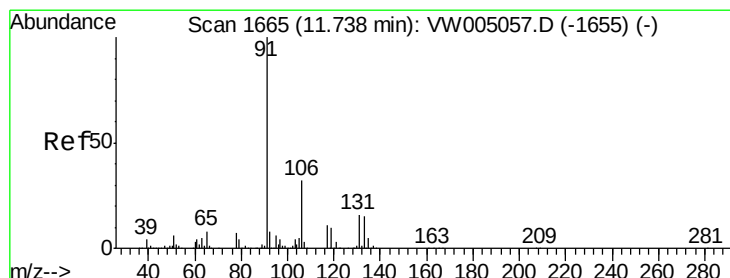
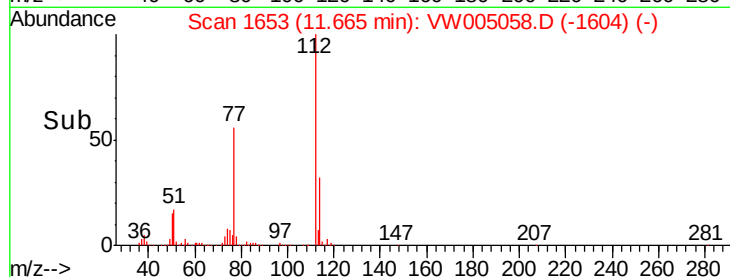
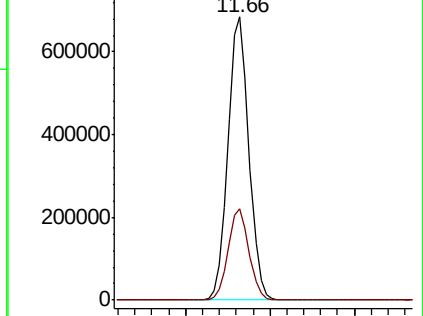
112 100

114 32.2 26.0 39.0



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: 71.400 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

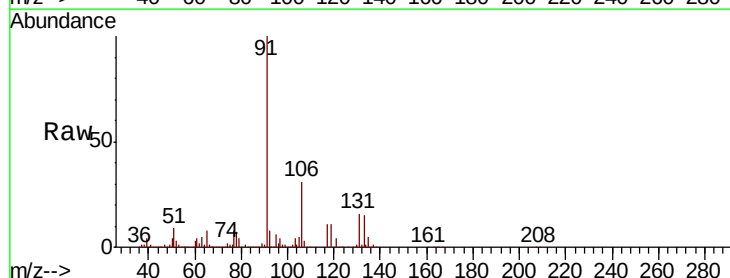
Tgt Ion:131 Resp: 352028

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.3

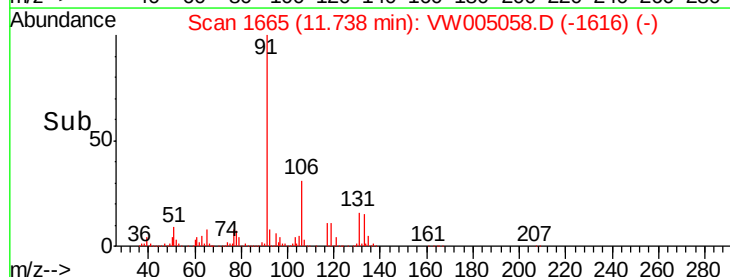
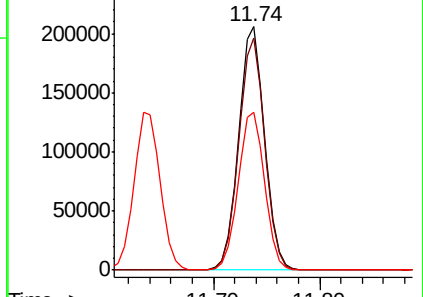
119 66.3 33.4 100.1

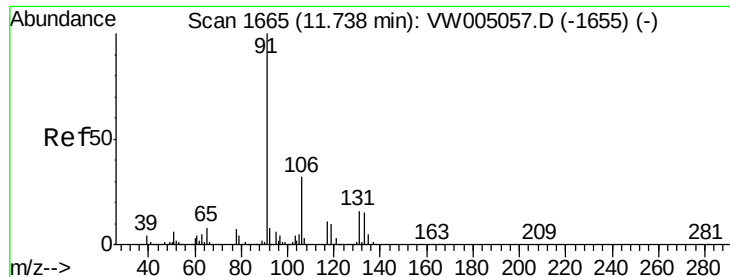


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 74.574 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 :

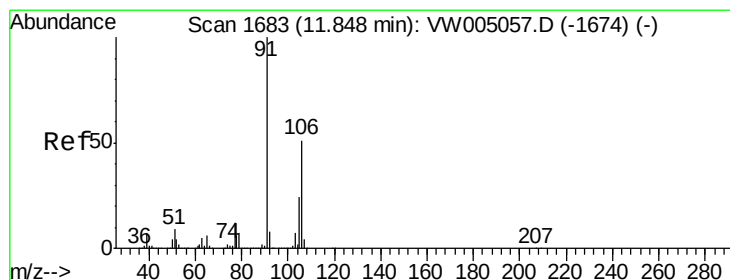
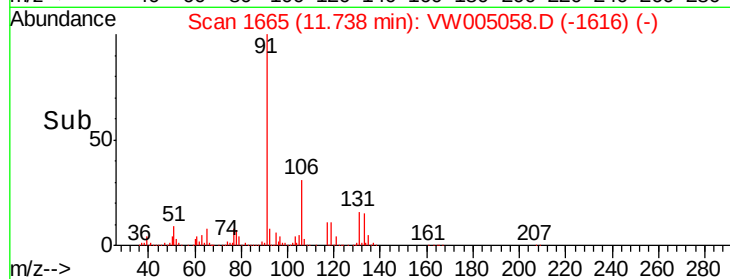
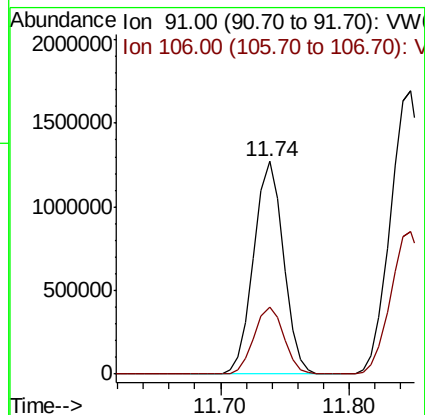
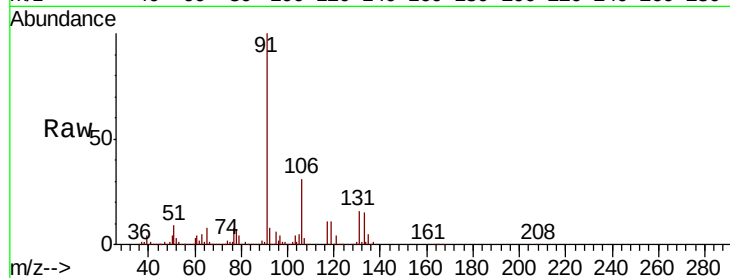
VSTDIC075

Tgt Ion: 91 Resp: 2034018

Ion Ratio Lower Upper

91 100

106 31.2 25.3 37.9



#68

m/p-Xylenes

Concen: 148.841 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005058.D

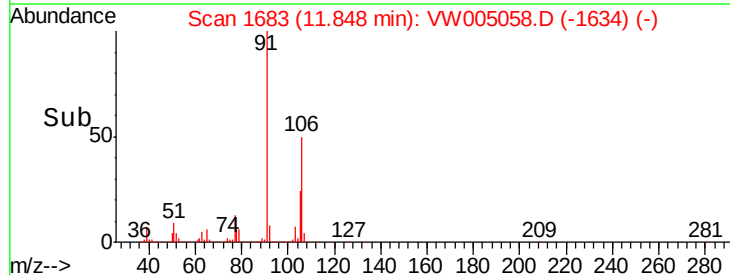
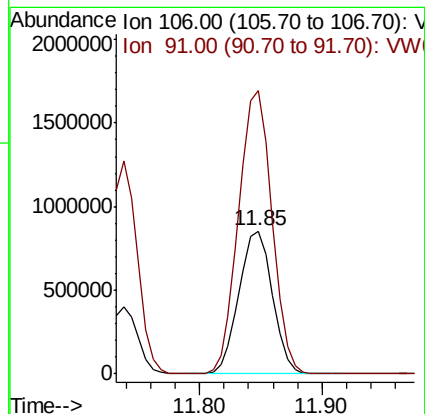
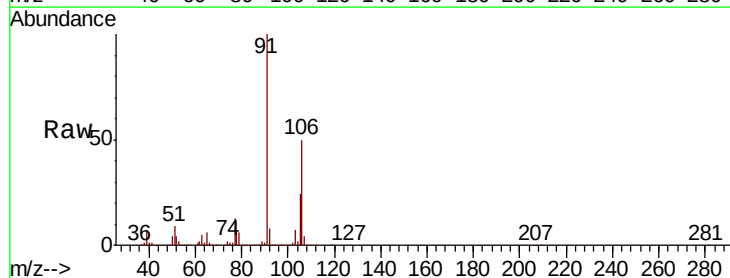
Acq: 01 Sep 2018 01:29

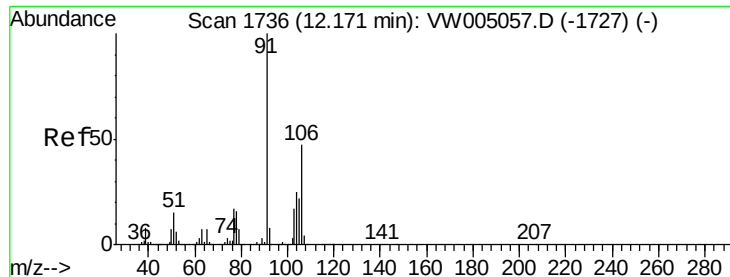
Tgt Ion: 106 Resp: 1625469

Ion Ratio Lower Upper

106 100

91 197.6 158.4 237.6

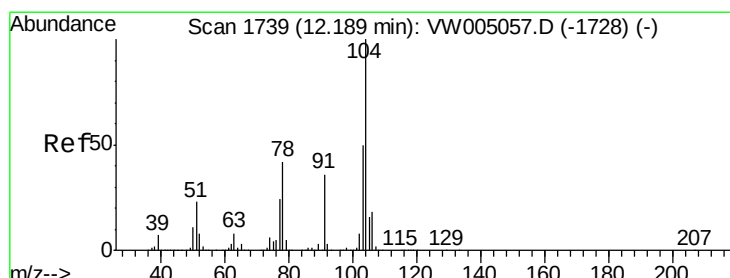
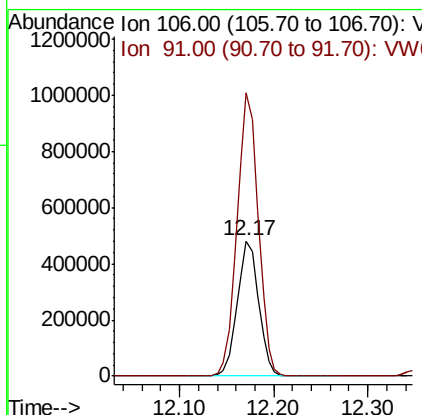
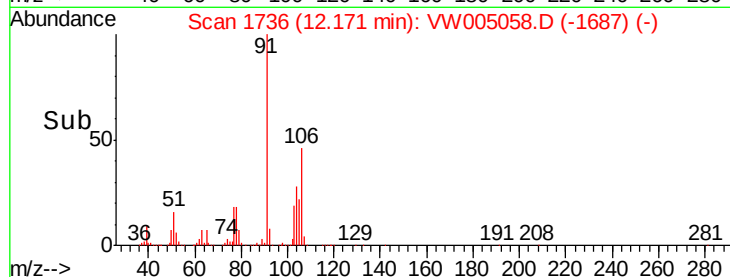
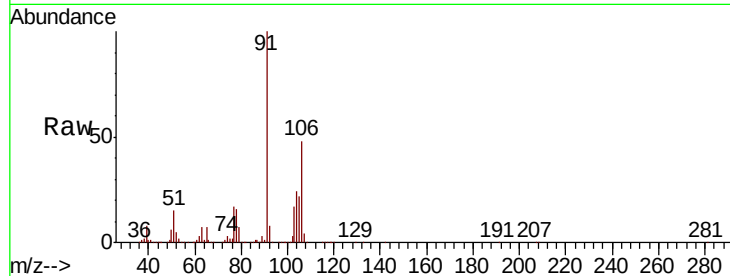




#69
o-Xylene
Concen: 75.155 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

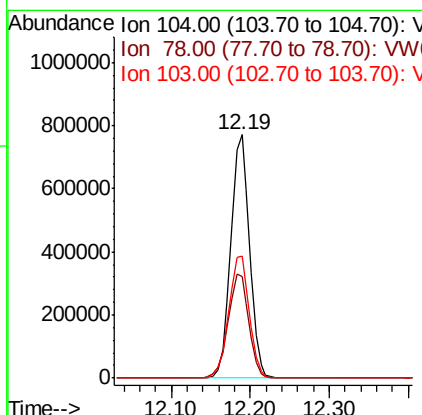
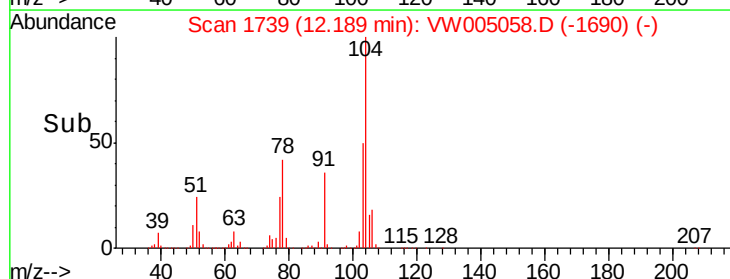
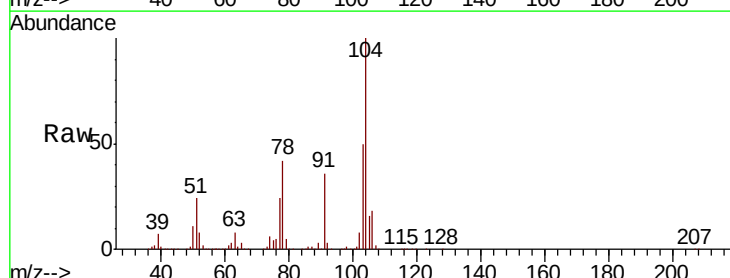
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

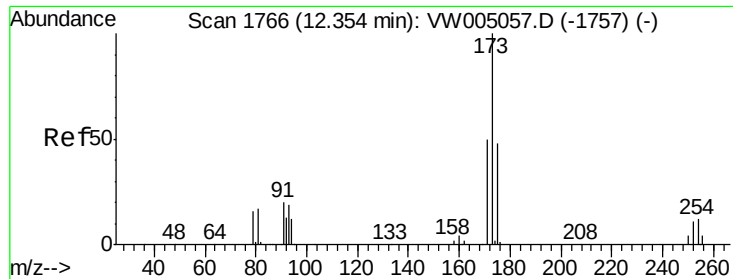
Tgt Ion:106 Resp: 758842
Ion Ratio Lower Upper
106 100
91 208.4 105.6 316.8



#70
Styrene
Concen: 76.310 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:104 Resp: 1272771
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 54.4 44.1 66.1





#71

Bromoform

Concen: 72.482 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

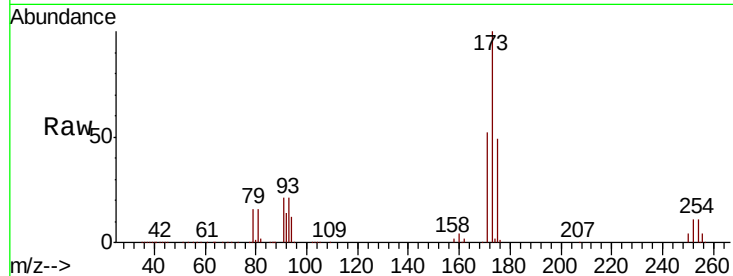
Tgt Ion:173 Resp: 189405

Ion Ratio Lower Upper

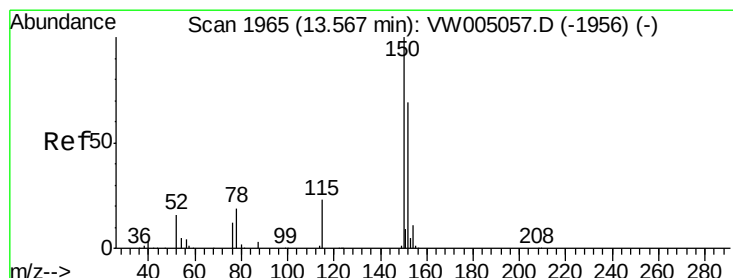
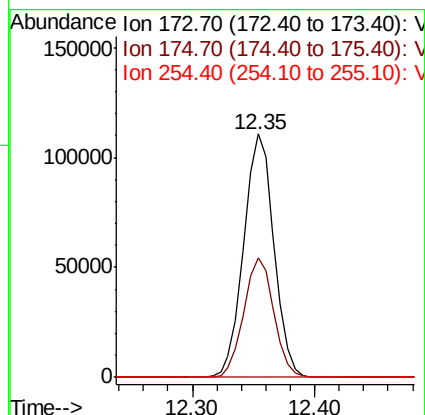
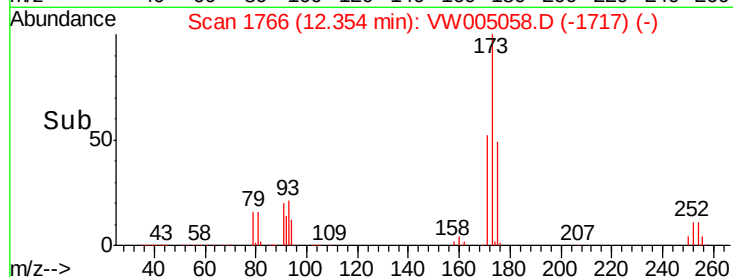
173 100

175 48.8 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

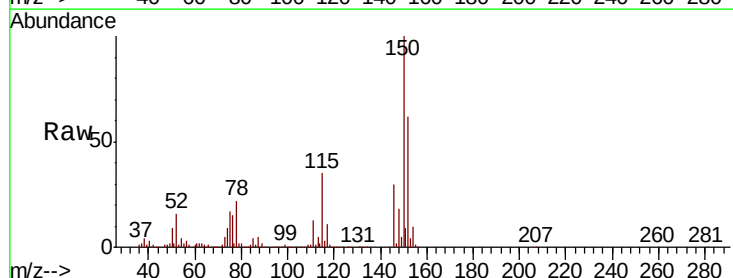
Tgt Ion:152 Resp: 381837

Ion Ratio Lower Upper

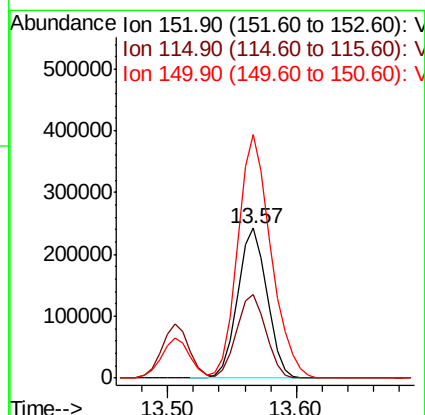
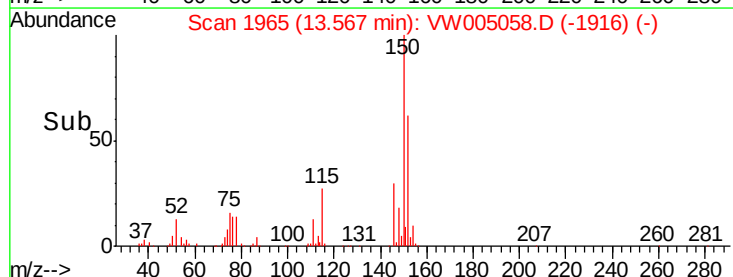
152 100

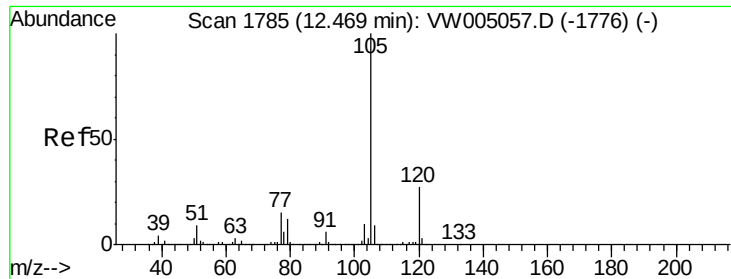
115 55.9 27.8 83.4

150 183.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 75.489 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

ClientSampleId :

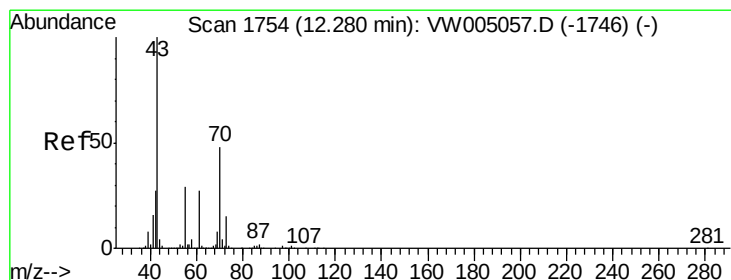
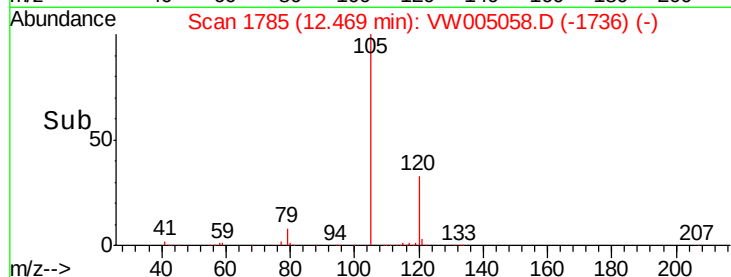
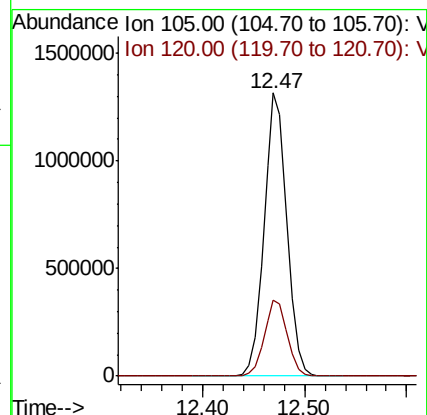
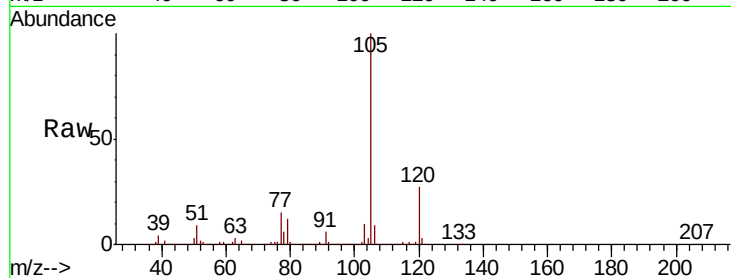
VSTDIC075

Tgt Ion:105 Resp: 2032427

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 78.875 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

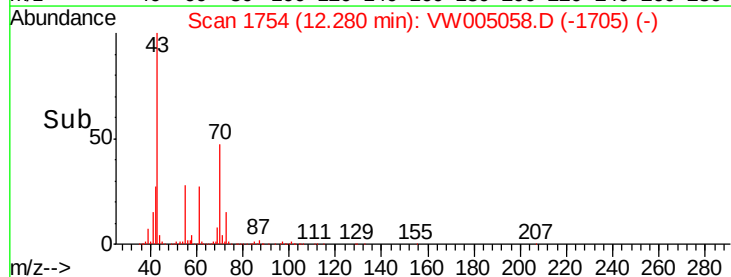
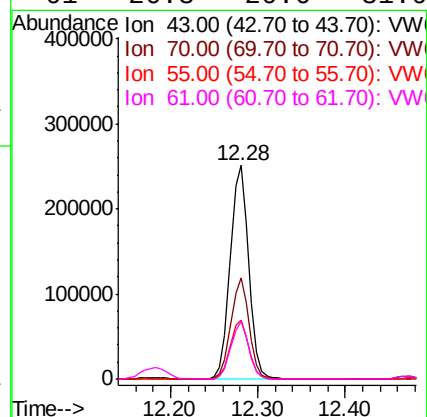
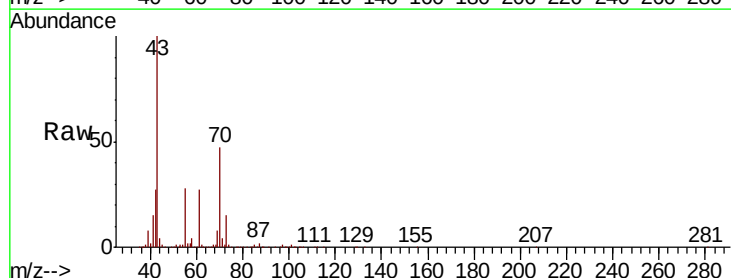
Ion Ratio Lower Upper

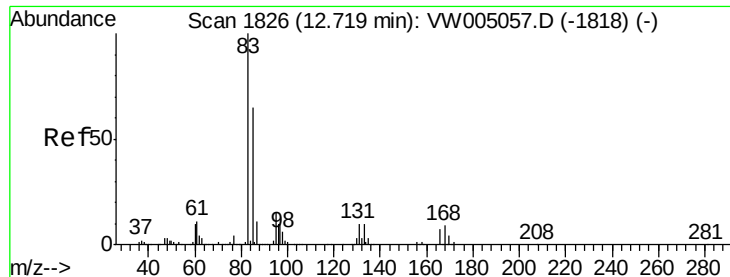
43 100

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: 72.478 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

ClientSampleId :

VSTDIC075

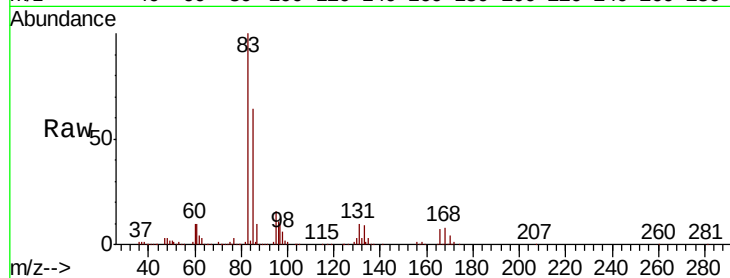
Tgt Ion: 83 Resp: 297062

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

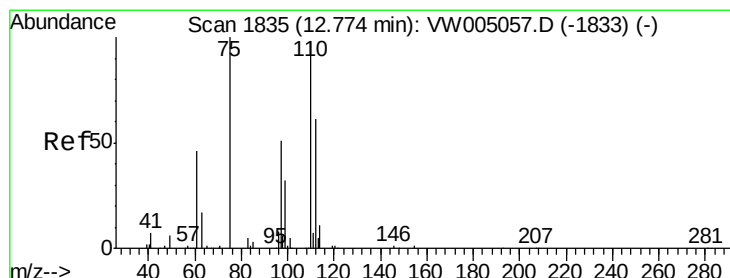
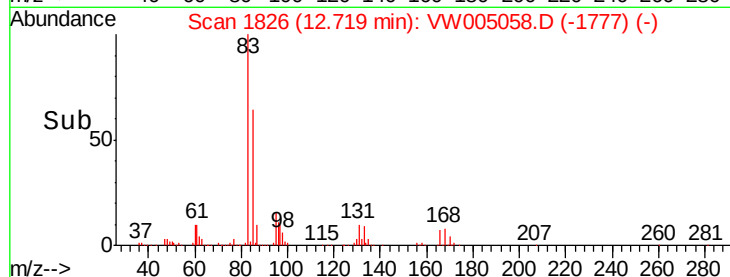
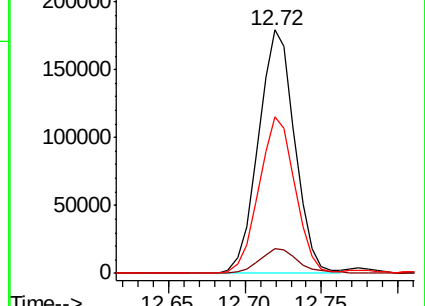
85 63.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 139.435 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005058.D

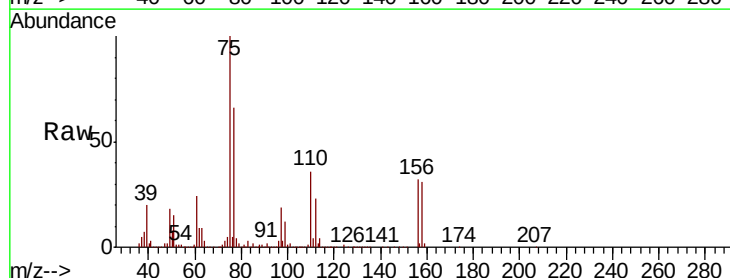
Acq: 01 Sep 2018 01:29

Tgt Ion: 75 Resp: 399643

Ion Ratio Lower Upper

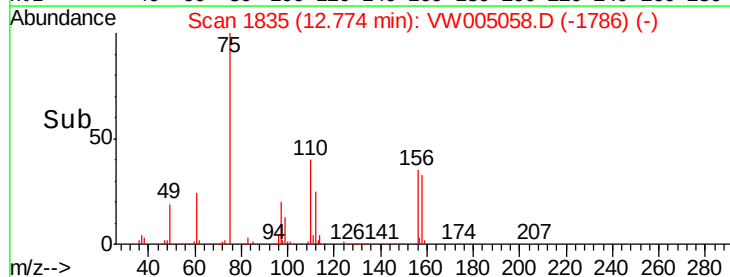
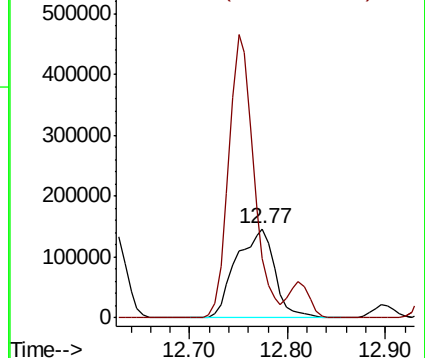
75 100

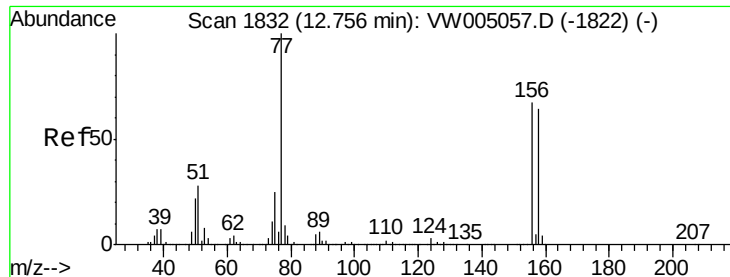
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 72.780 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

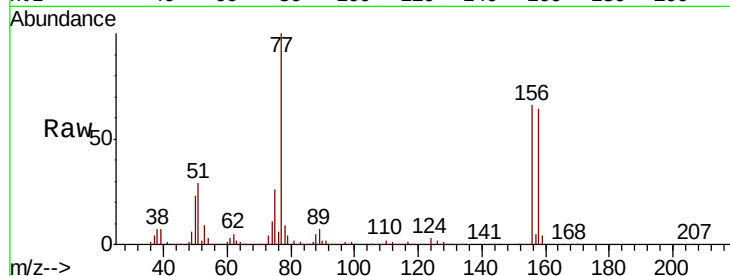
Tgt Ion:156 Resp: 482821

Ion Ratio Lower Upper

156 100

77 172.7 85.8 257.4

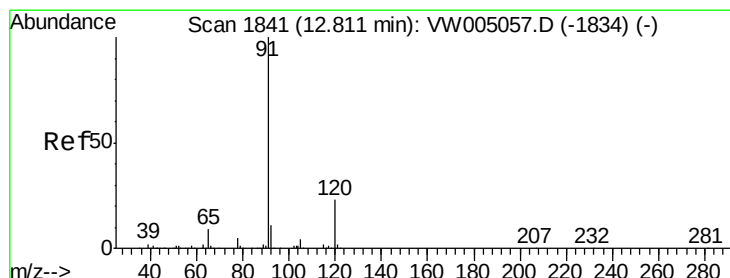
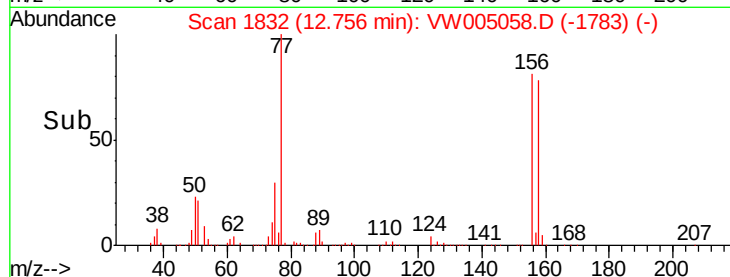
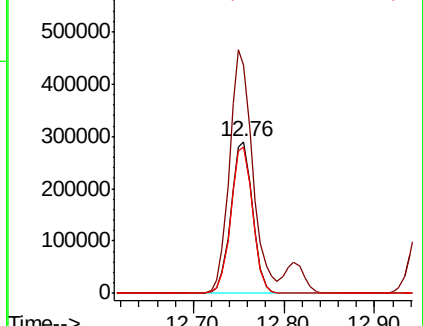
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 75.450 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005058.D

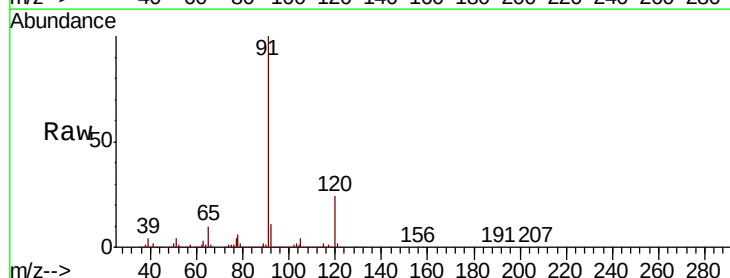
Acq: 01 Sep 2018 01:29

Tgt Ion: 91 Resp: 2452272

Ion Ratio Lower Upper

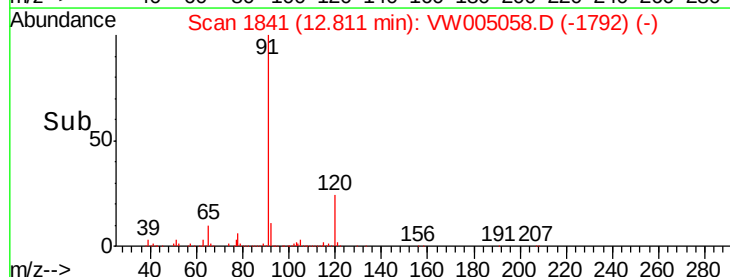
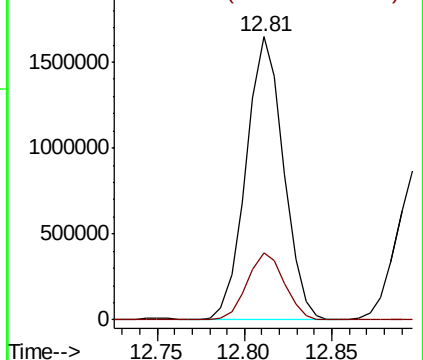
91 100

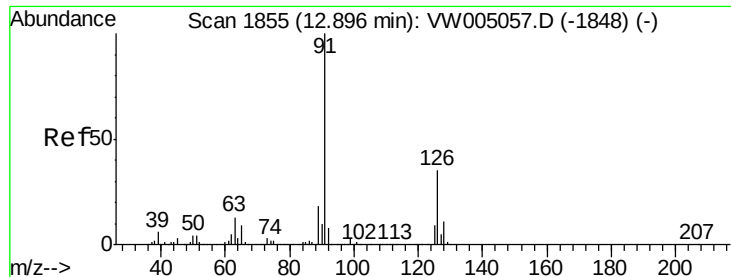
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 73.598 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 :

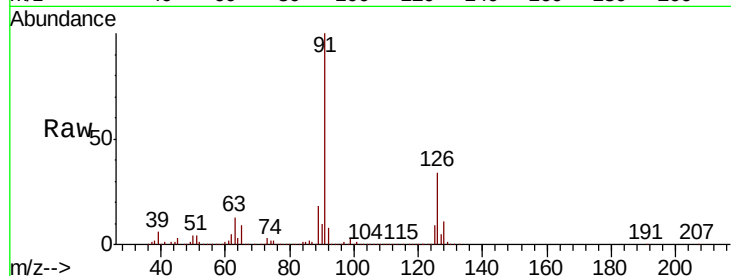
VSTDIC075

Tgt Ion: 91 Resp: 1395586

Ion Ratio Lower Upper

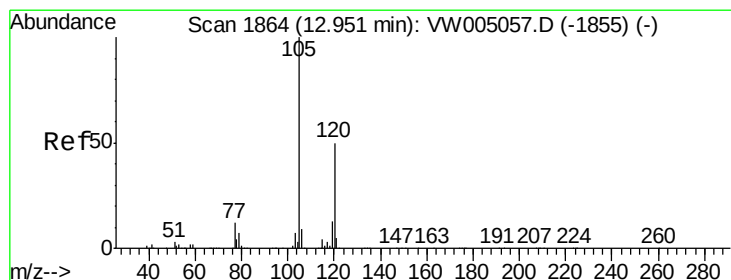
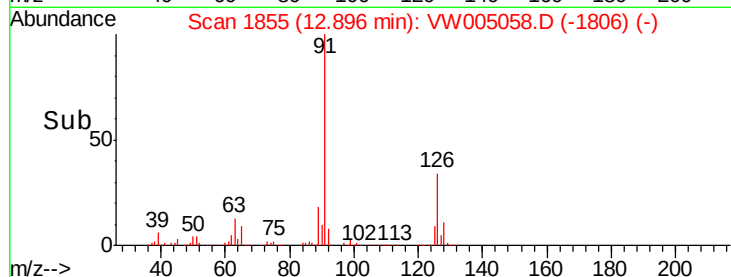
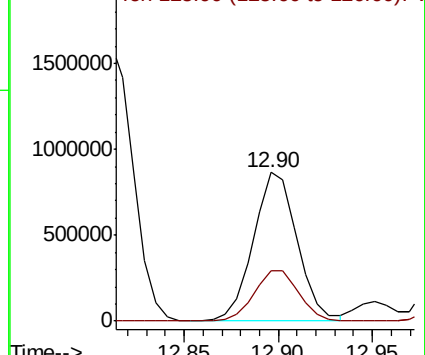
91 100

126 34.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 74.986 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005058.D

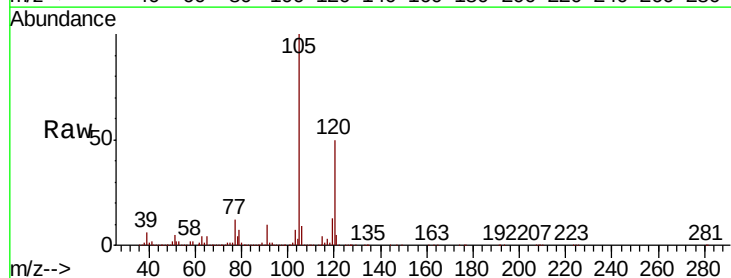
Acq: 01 Sep 2018 01:29

Tgt Ion: 105 Resp: 1745912

Ion Ratio Lower Upper

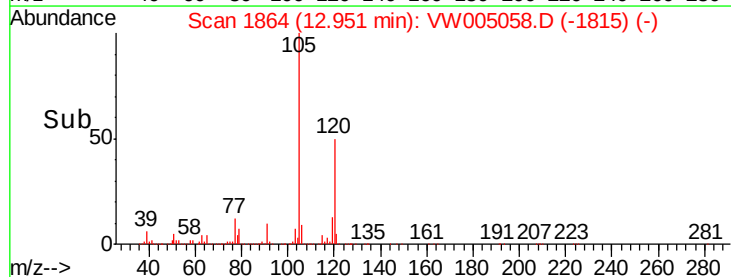
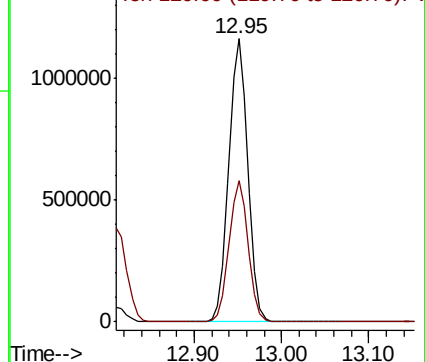
105 100

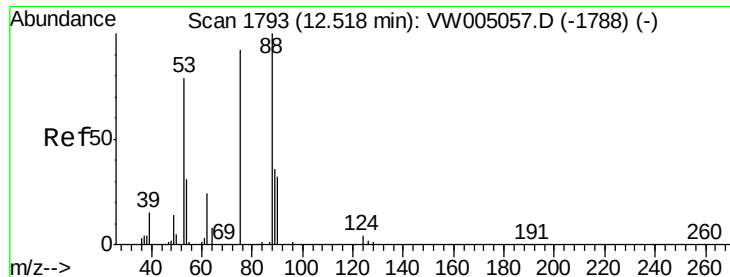
120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

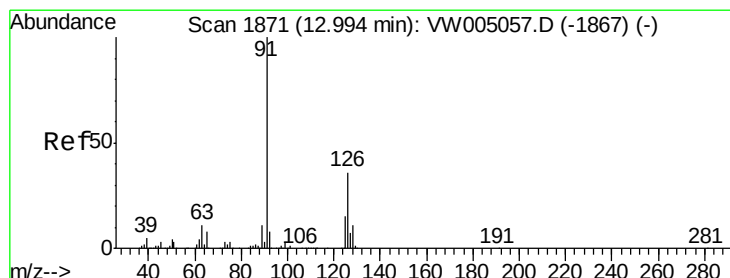
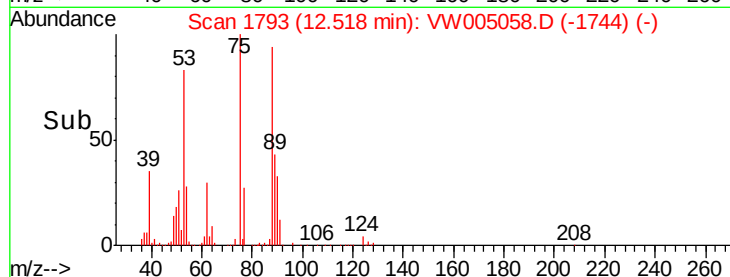
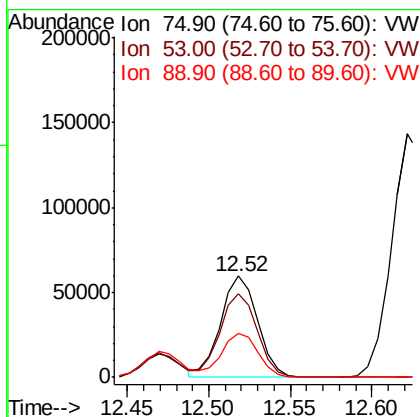
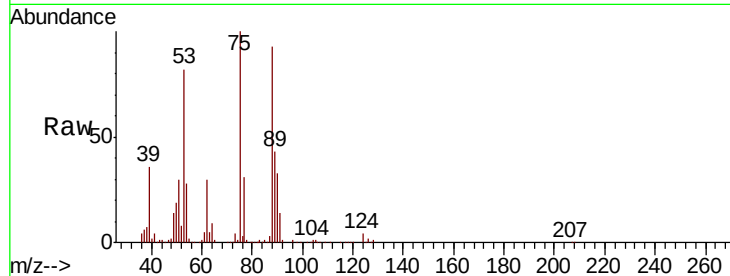




#81
trans-1,4-Dichloro-2-butene
Concen: 78.687 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

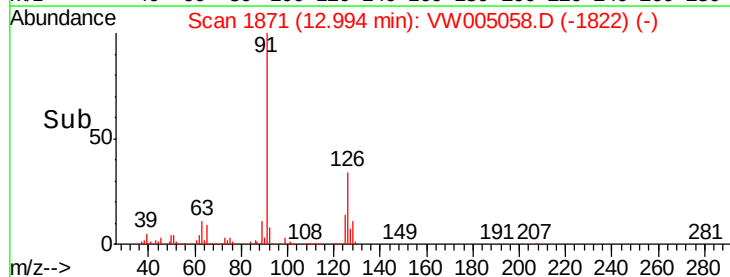
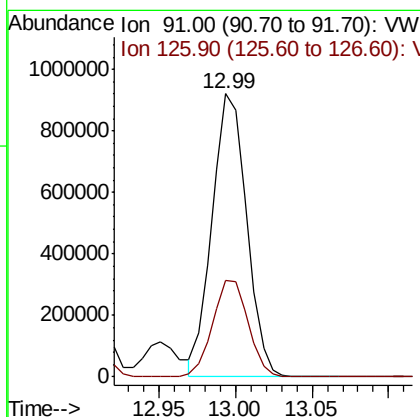
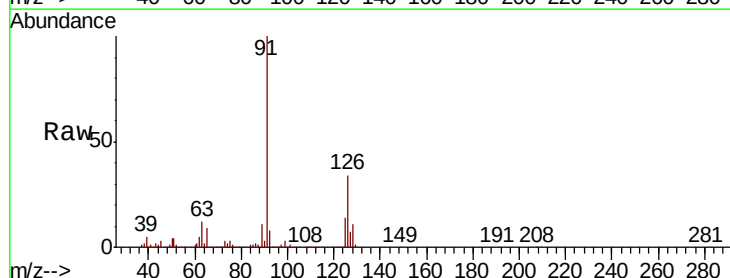
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

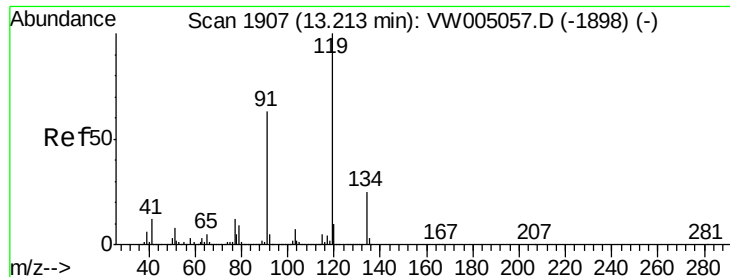
Tgt Ion: 75 Resp: 93701
Ion Ratio Lower Upper
75 100
53 81.5 69.8 104.8
89 43.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 72.301 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: 91 Resp: 1447702
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

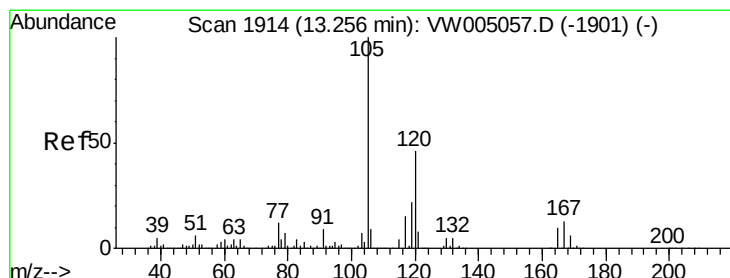
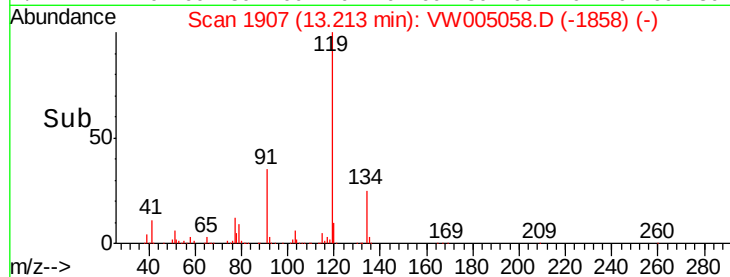
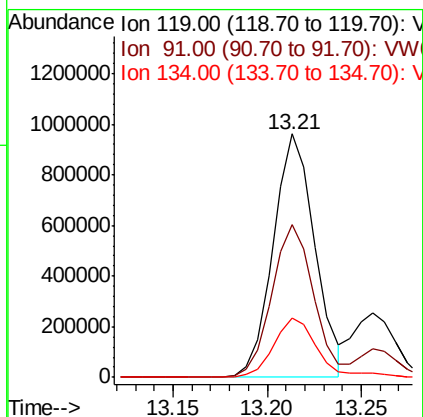
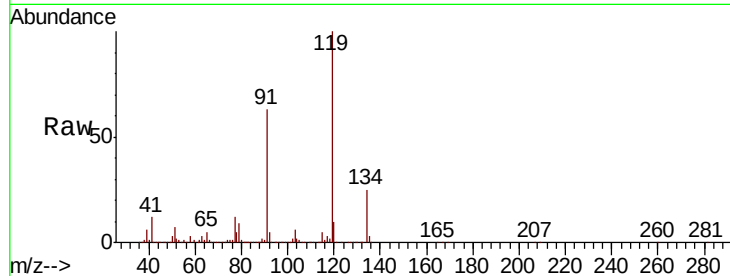




#83
tert-Butylbenzene
Concen: 75.930 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

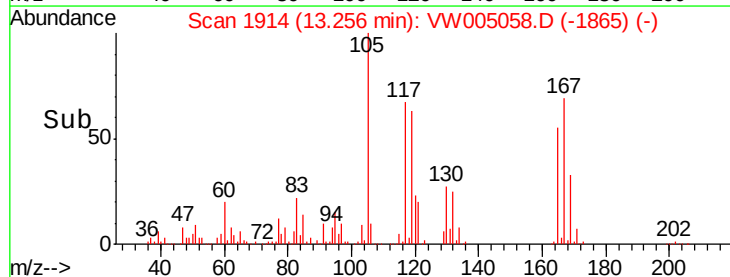
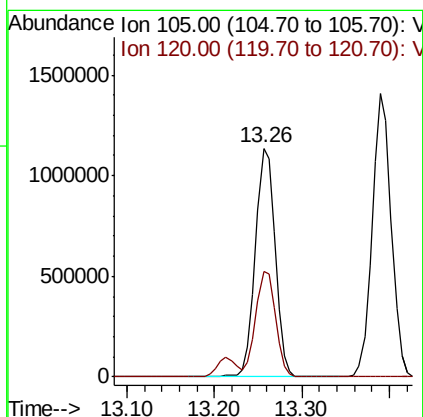
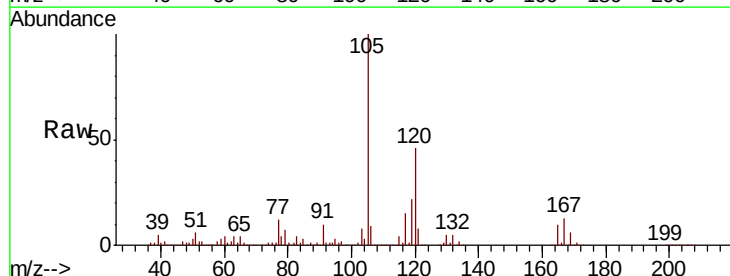
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

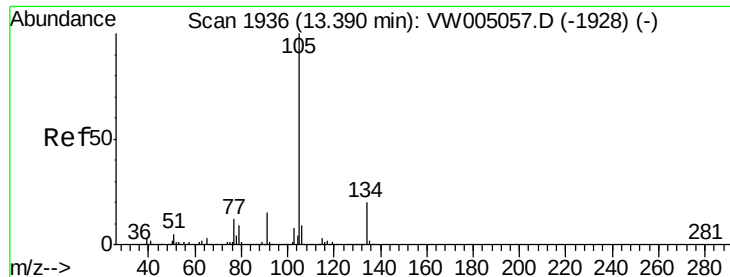
Tgt Ion:119 Resp: 1476371
Ion Ratio Lower Upper
119 100
91 63.6 31.8 95.4
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 75.082 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:105 Resp: 1780351
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3

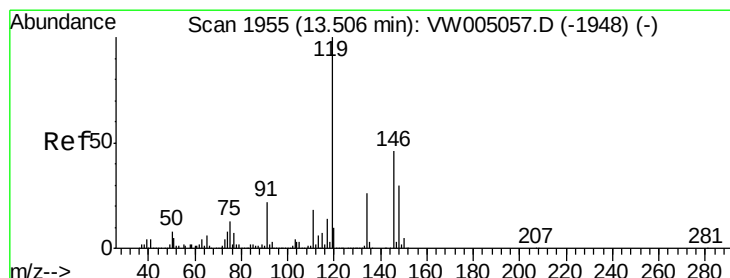
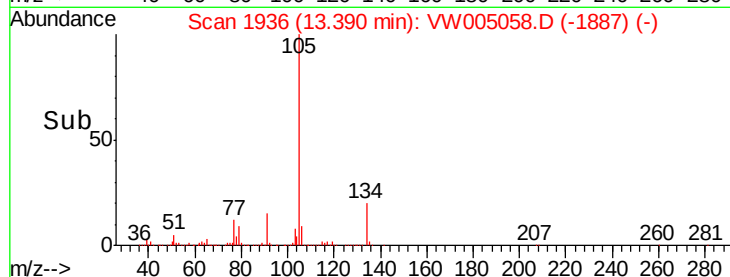
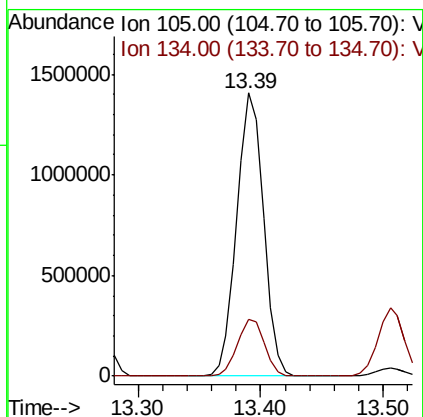
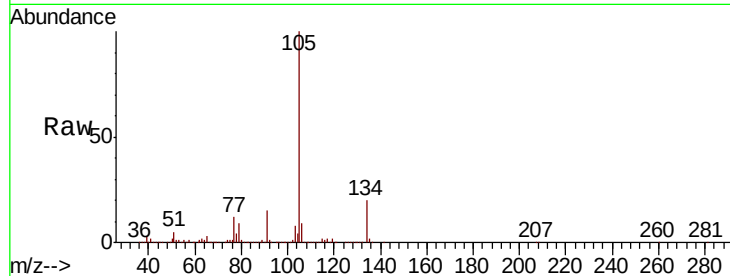




#85
 sec-Butylbenzene
 Concen: 74.614 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

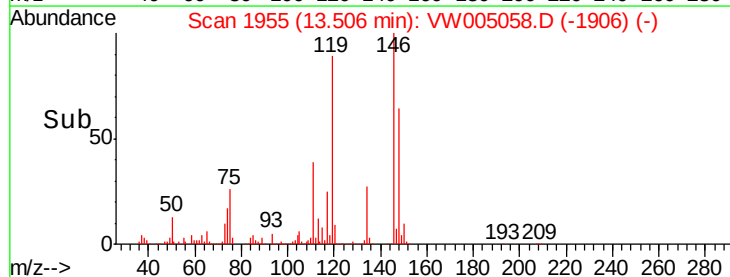
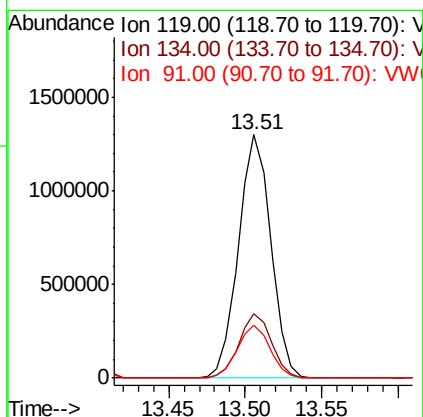
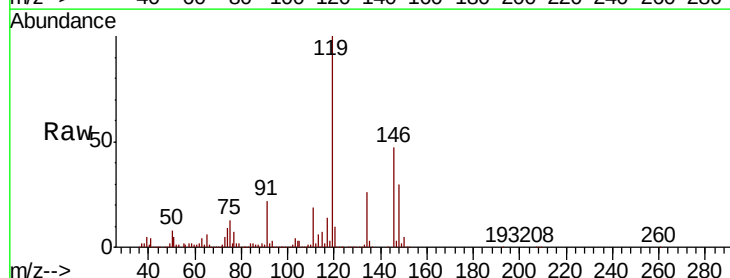
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

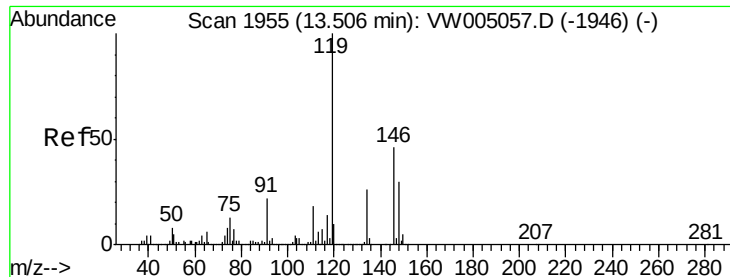
Tgt Ion:105 Resp: 2132078
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 75.475 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

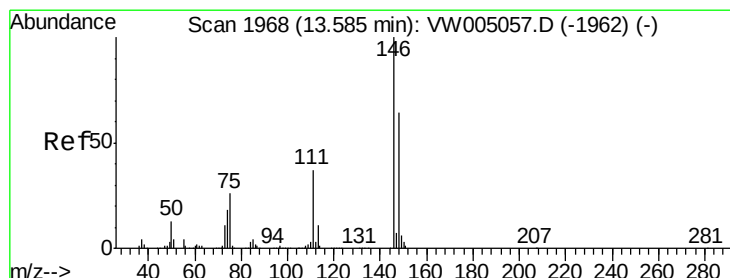
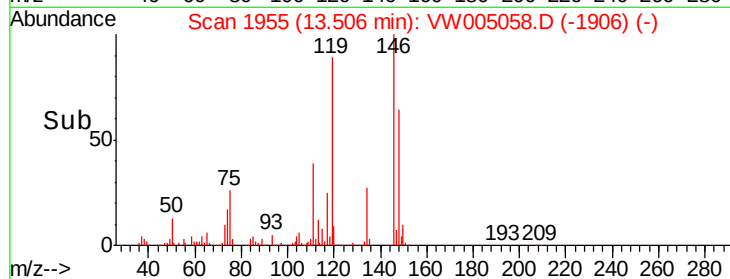
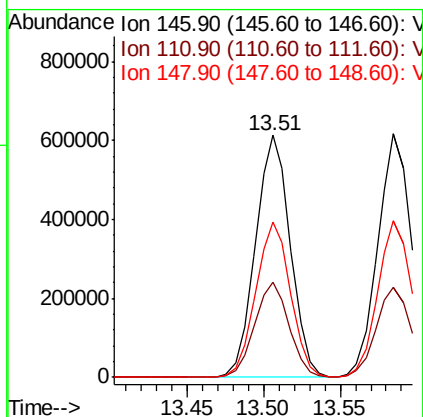
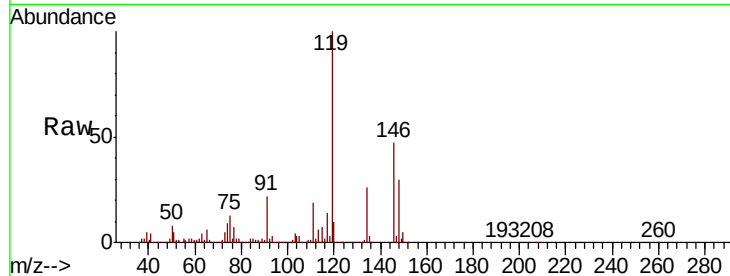




#87
 1,3-Dichlorobenzene
 Concen: 71.148 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

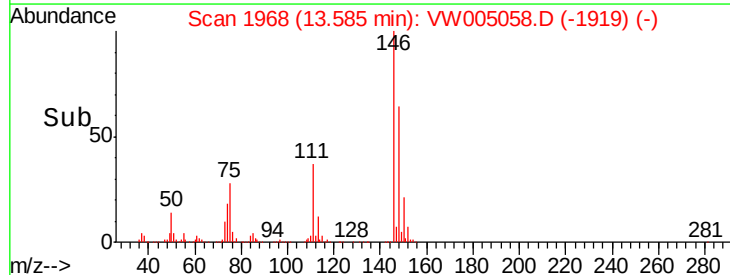
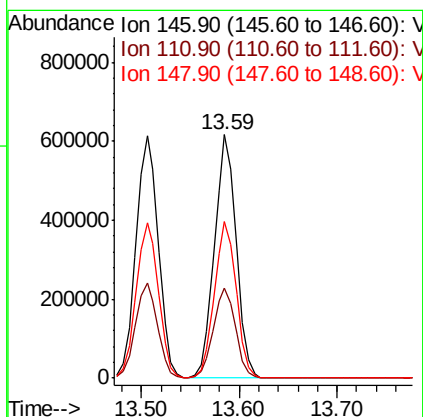
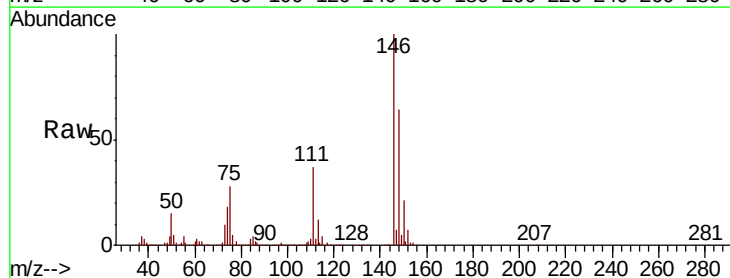
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

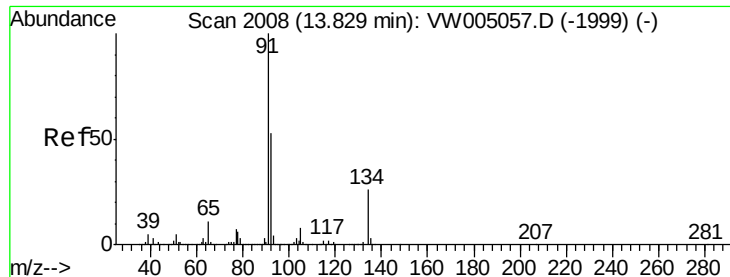
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 69.992 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: 75.115 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

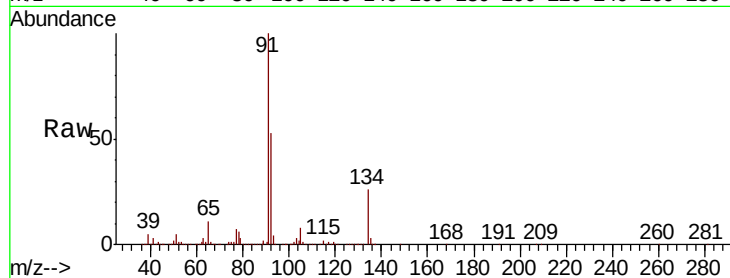
Tgt Ion: 91 Resp: 1760839

Ion Ratio Lower Upper

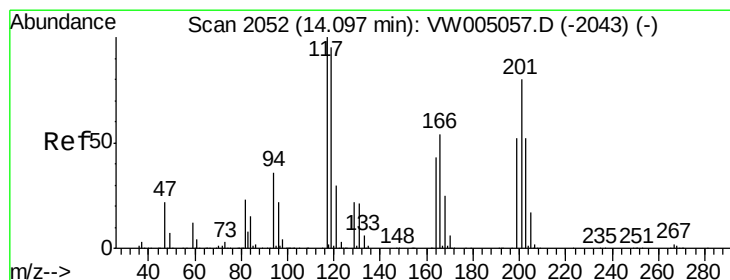
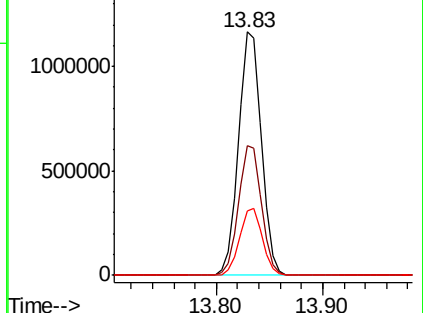
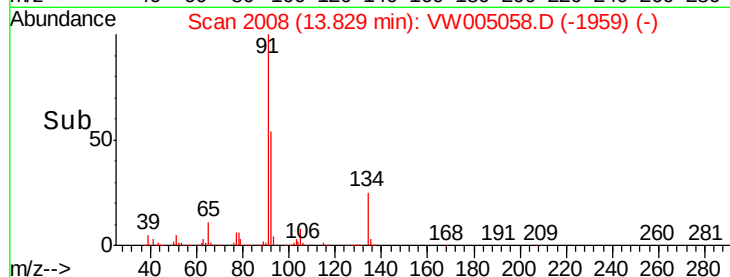
91 100

92 53.3 26.5 79.5

134 27.2 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 72.730 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005058.D

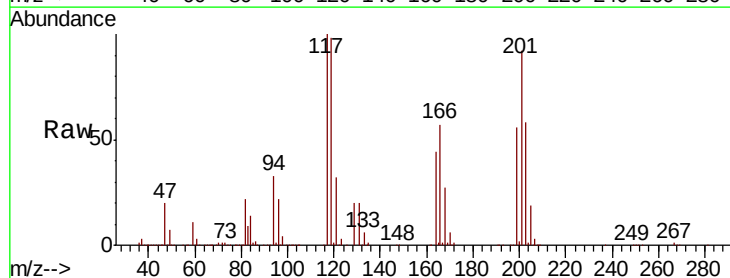
Acq: 01 Sep 2018 01:29

Tgt Ion: 117 Resp: 305578

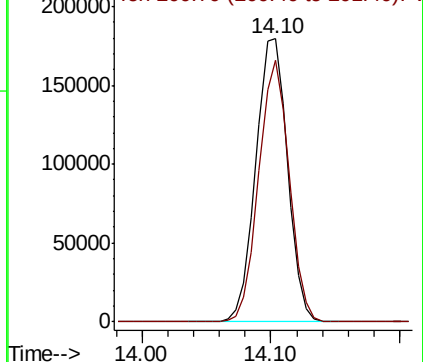
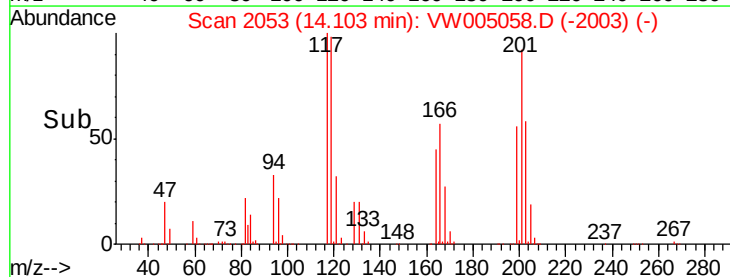
Ion Ratio Lower Upper

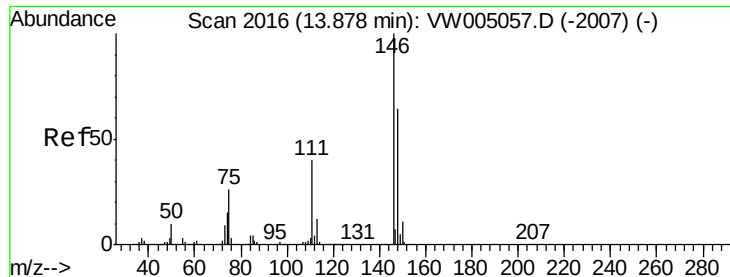
117 100

201 88.9 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 71.726 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

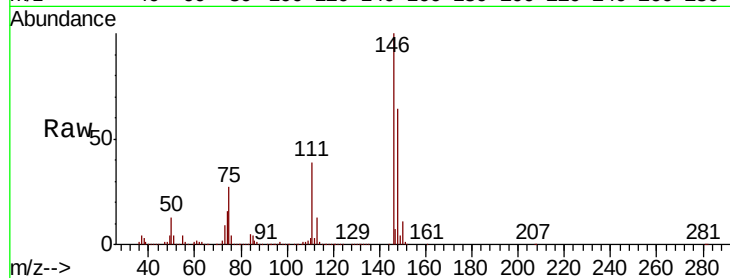
Tgt Ion:146 Resp: 851912

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

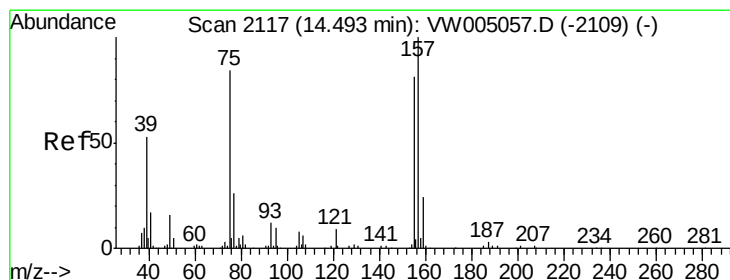
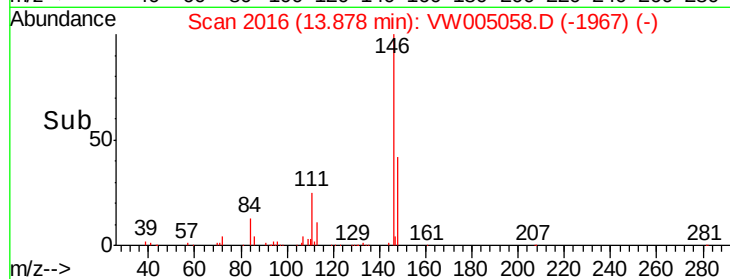
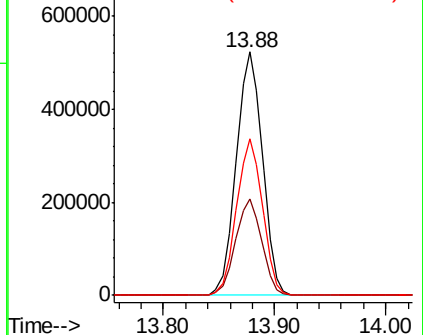
148 63.7 31.9 95.9



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: 72.449 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005058.D

Acq: 01 Sep 2018 01:29

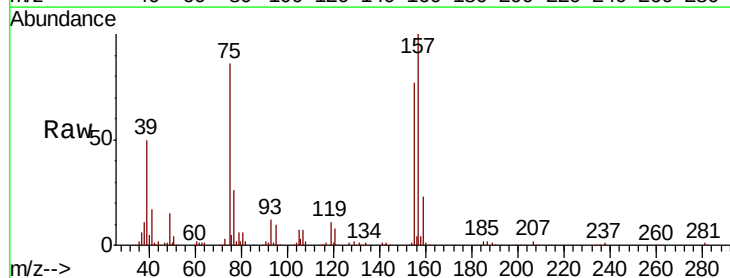
Tgt Ion: 75 Resp: 46403

Ion Ratio Lower Upper

75 100

155 90.8 46.0 137.8

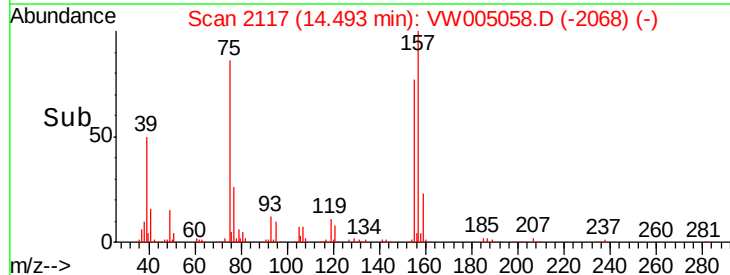
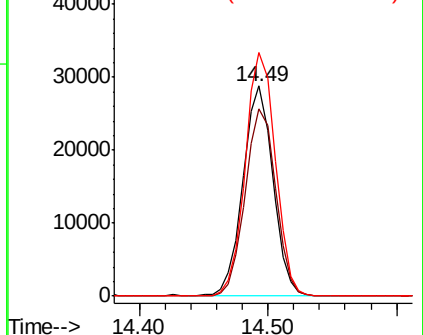
157 115.5 58.6 175.7

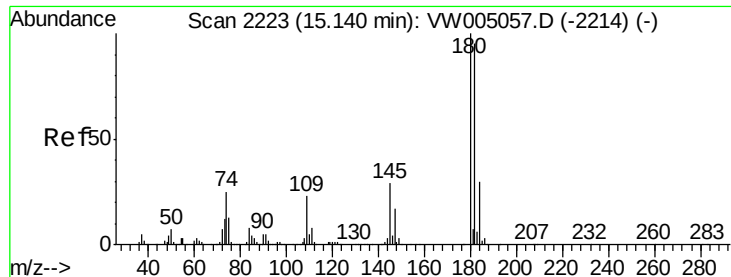


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

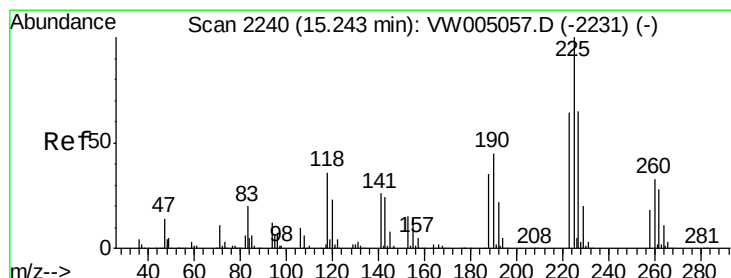
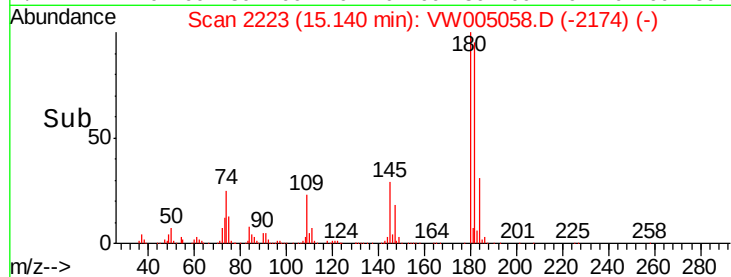
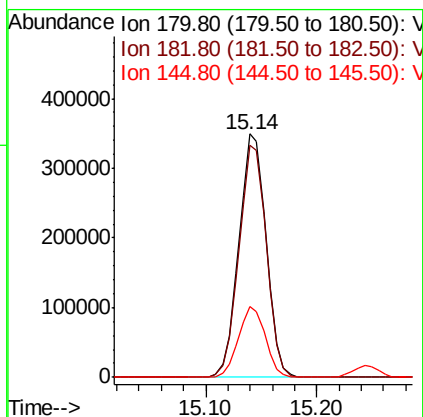
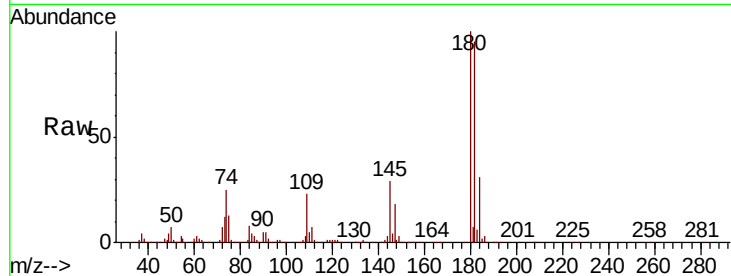




#93
 1,2,4-Trichlorobenzene
 Concen: 74.022 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005058.D
 Acq: 01 Sep 2018 01:29

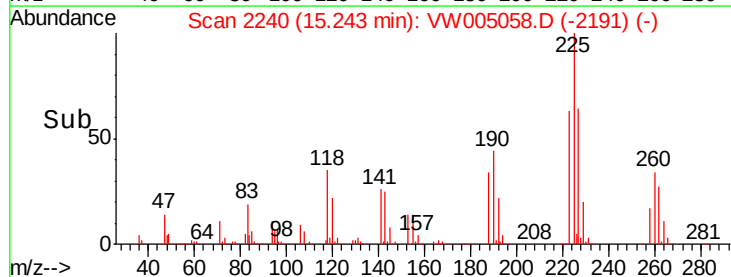
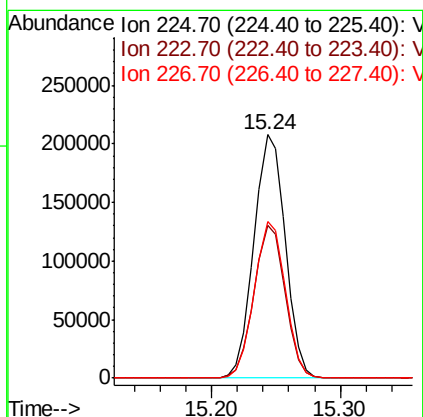
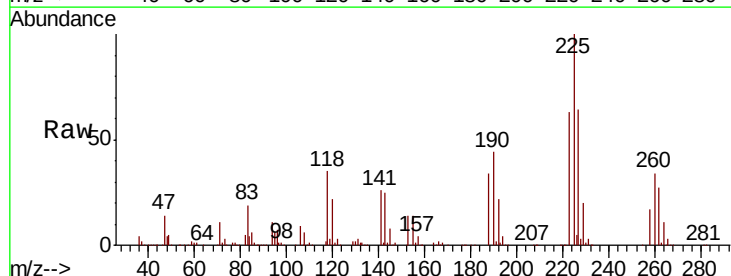
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

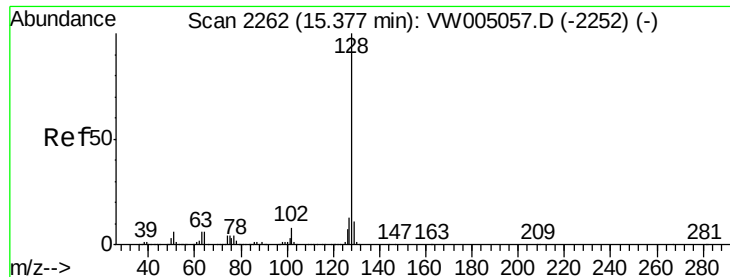
Tgt Ion:180 Resp: 589516
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.6
 145 28.8 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 70.562 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:225 Resp: 349511
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.3
 227 63.8 32.0 96.0

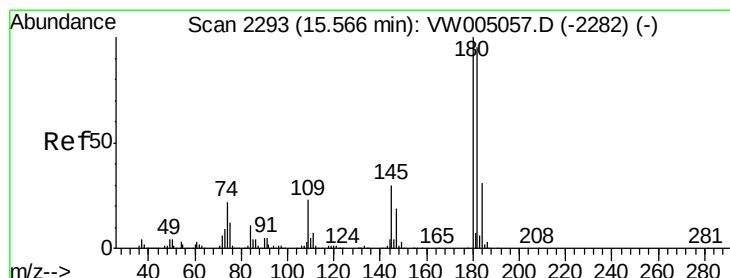
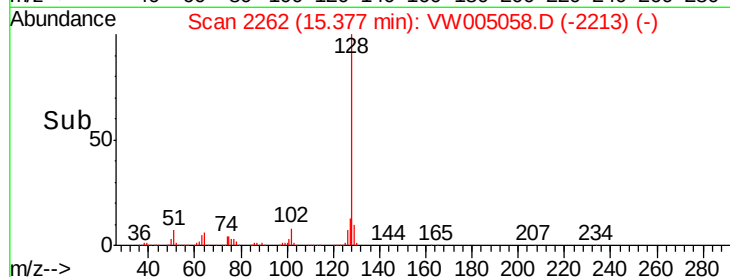
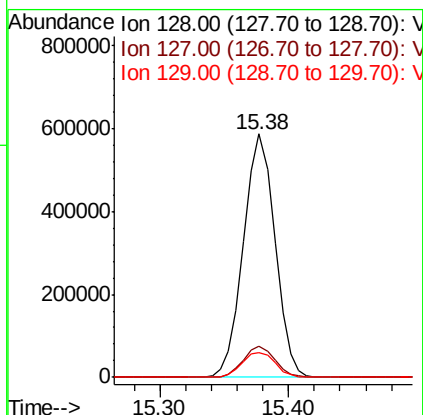
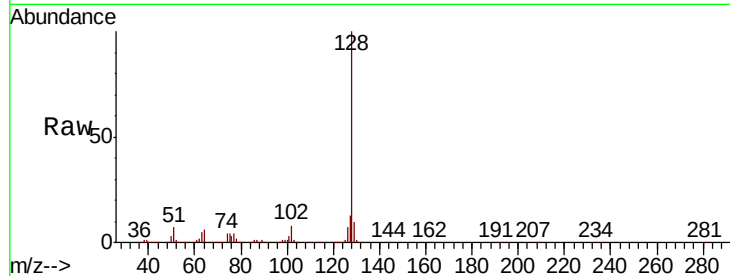




#95
Naphthalene
Concen: 70.475 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005058.D
Acq: 01 Sep 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 994613
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 74.184 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:180 Resp: 505610
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 30.3 15.4 46.1

