

Data File : VW011182.D
Acq On : 09 Jul 2019 17:00
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 10 04:31:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133713	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.88	113	104783	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.32	98	426352	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	155522	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	66674	41.217	ug/l 98
3) Chloromethane	2.21	50	89924	43.141	ug/l 99
4) Vinyl Chloride	2.36	62	119771	43.900	ug/l 97
5) Bromomethane	2.77	94	61709	45.013	ug/l 94
6) Chloroethane	2.92	64	66020	44.927	ug/l 94
7) Trichlorofluoromethane	3.24	101	40294	41.574	ug/l 100
8) Diethyl Ether	3.68	74	60196	44.888	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	104677	45.090	ug/l 100
10) Methyl Iodide	4.27	142	145683	45.626	ug/l 99
11) Tert butyl alcohol	5.17	59	44622	221.140	ug/l 99
12) 1,1-Dichloroethene	4.04	96	109701	45.528	ug/l 97
13) Acrolein	3.89	56	51585	321.047	ug/l 98
14) Allyl chloride	4.66	41	191137	43.501	ug/l 99
15) Acrylonitrile	5.36	53	155816	228.142	ug/l 99
16) Acetone	4.12	43	160210	244.308	ug/l 98
17) Carbon Disulfide	4.38	76	321604	44.025	ug/l 99
18) Methyl Acetate	4.67	43	80170	42.786	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	166999	45.677	ug/l 99
20) Methylene Chloride	4.92	84	120282	46.495	ug/l 92
21) trans-1,2-Dichloroethene	5.42	96	113283	45.246	ug/l 96
22) Diisopropyl ether	6.31	45	437931	46.340	ug/l 99
23) Vinyl Acetate	6.25	43	1420196	242.826	ug/l 99
24) 1,1-Dichloroethane	6.21	63	222501	44.836	ug/l 99
25) 2-Butanone	7.16	43	242022	235.113	ug/l 100
26) 2,2-Dichloropropane	7.16	77	113180	43.875	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	122839	45.482	ug/l 100
28) Bromochloromethane	7.51	49	113830	50.446	ug/l 100
29) Tetrahydrofuran	7.52	42	155718	230.701	ug/l 99
30) Chloroform	7.67	83	206007	44.825	ug/l 100
31) Cyclohexane	7.95	56	225116	42.640	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	157027	44.916	ug/l 100
36) 1,1-Dichloropropene	8.08	75	171001	45.512	ug/l 100
37) Ethyl Acetate	7.25	43	104299	46.202	ug/l 100
38) Carbon Tetrachloride	8.06	117	144588	45.395	ug/l 96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210519	46.227	ug/l	99
40) Benzene	8.32	78	474922	45.737	ug/l	98
41) Methacrylonitrile	7.48	41	64142	49.679	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156414	46.436	ug/l	99
43) Isopropyl Acetate	8.42	43	200029	46.932	ug/l	100
44) Trichloroethene	9.09	130	114355	45.765	ug/l	98
45) 1,2-Dichloropropane	9.37	63	130073	46.259	ug/l	98
46) Dibromomethane	9.46	93	60993	46.176	ug/l	99
47) Bromodichloromethane	9.64	83	156378	46.270	ug/l	99
48) Methyl methacrylate	9.43	41	98457	48.017	ug/l	99
49) 1,4-Dioxane	9.44	88	20770	942.051	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	534948	240.275	ug/l	100
52) Toluene	10.38	92	292786	46.482	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	165622	46.039	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	196974	46.518	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88027	46.976	ug/l	96
56) Ethyl methacrylate	10.65	69	137905	48.338	ug/l	100
57) 1,3-Dichloropropane	10.93	76	165934	46.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	360697	272.716	ug/l	99
59) 2-Hexanone	10.97	43	375172	242.986	ug/l	100
60) Dibromochloromethane	11.13	129	96419	46.923	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83570	47.082	ug/l	100
64) Tetrachloroethene	10.86	164	94858	44.386	ug/l	99
65) Chlorobenzene	11.66	112	293776	45.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103545	45.671	ug/l	99
67) Ethyl Benzene	11.73	91	568186	46.094	ug/l	98
68) m/p-Xylenes	11.84	106	412132	92.399	ug/l	100
69) o-Xylene	12.16	106	193833	46.108	ug/l	100
70) Styrene	12.18	104	339700	46.821	ug/l	99
71) Bromoform	12.35	173	53631	44.491	ug/l #	98
73) Isopropylbenzene	12.46	105	533695	46.343	ug/l	100
74) N-amyl acetate	12.27	43	190631	47.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109870	46.542	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	143726	80.731	ug/l #	100
77) Bromobenzene	12.75	156	118992	46.042	ug/l	99
78) n-propylbenzene	12.80	91	659474	46.487	ug/l	100
79) 2-Chlorotoluene	12.89	91	376101	46.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	455011	46.507	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34591	43.947	ug/l	97
82) 4-Chlorotoluene	12.99	91	392199	46.126	ug/l	100
83) tert-Butylbenzene	13.21	119	377499	46.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	461616	46.989	ug/l	99
85) sec-Butylbenzene	13.38	105	543141	46.132	ug/l	99
86) p-Isopropyltoluene	13.50	119	496322	47.000	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	233586	46.976	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	230838	46.102	ug/l	99
89) n-Butylbenzene	13.82	91	502405	47.692	ug/l	100
90) Hexachloroethane	14.10	117	87908	45.555	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	210160	46.587	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19013	45.407	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070919\
Quantitation Report (Not Reviewed)

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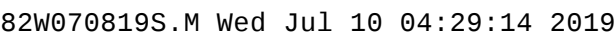
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

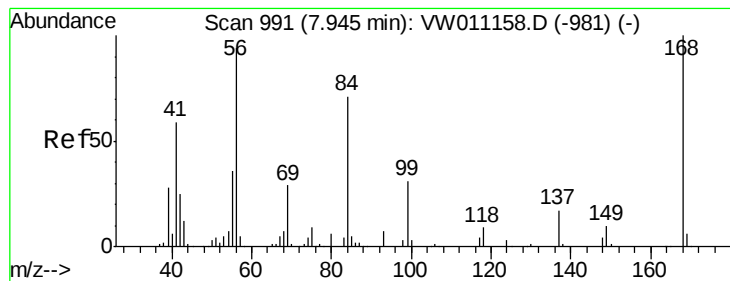
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Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	151522	48.766	ug/l	99
94) Hexachlorobutadiene	15.24	225	89802	47.077	ug/l	100
95) Naphthalene	15.37	128	295932	49.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	133950	48.848	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

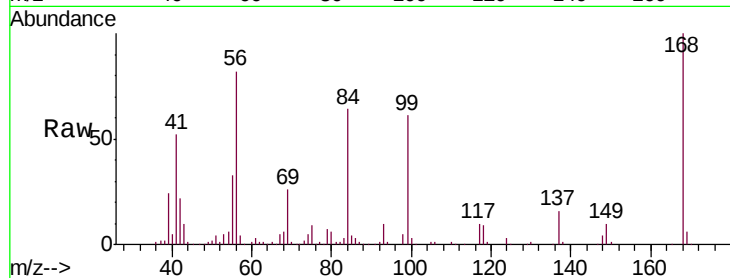
VSTDCCC050EC

Tgt Ion:168 Resp: 216900

Ion Ratio Lower Upper

168 100

99 61.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

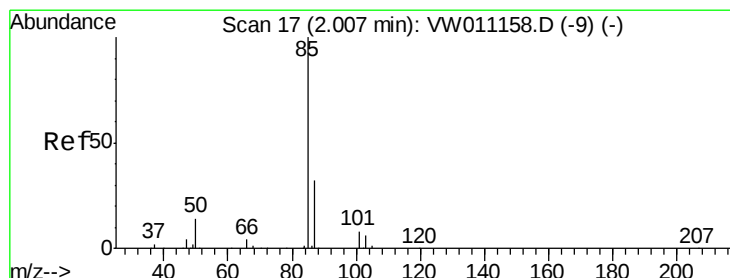
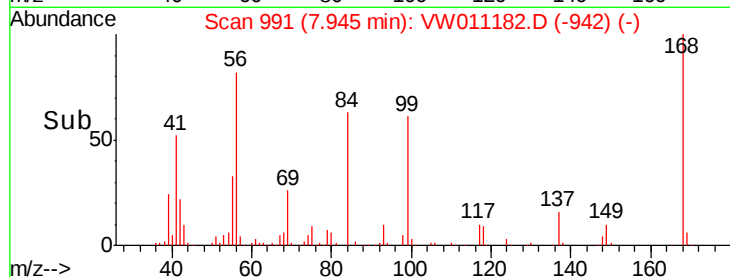
20000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 41.217 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011182.D

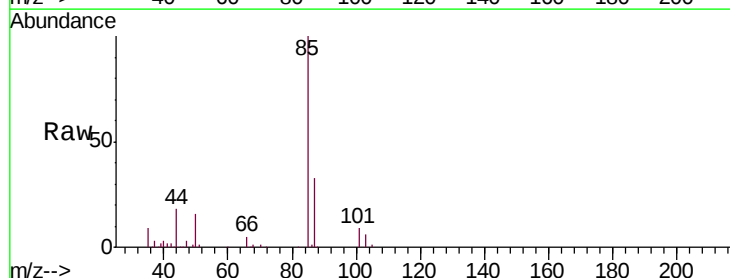
Acq: 09 Jul 2019 17:00

Tgt Ion: 85 Resp: 66674

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

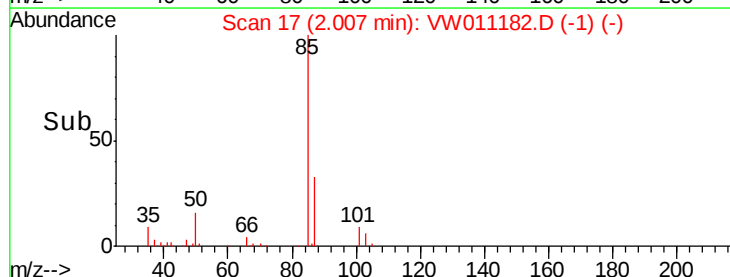
Time-->

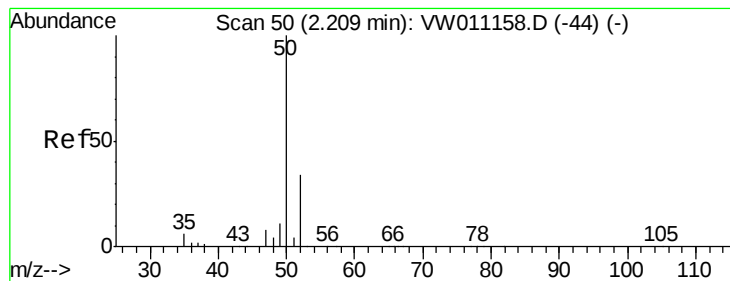
1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 43.141 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

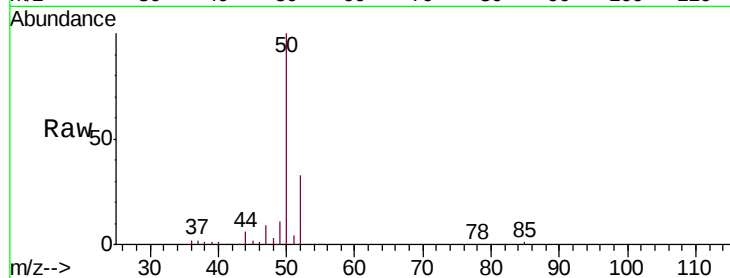
VSTDCCC050EC

Tgt Ion: 50 Resp: 89924

Ion Ratio Lower Upper

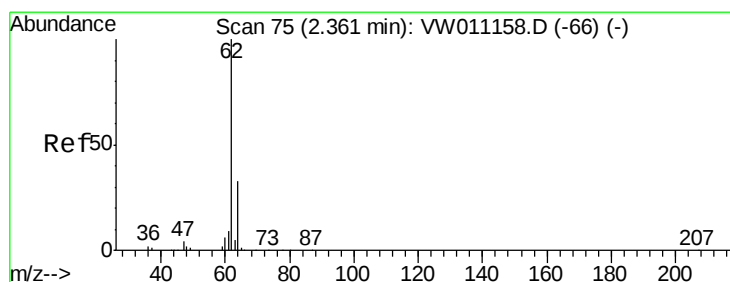
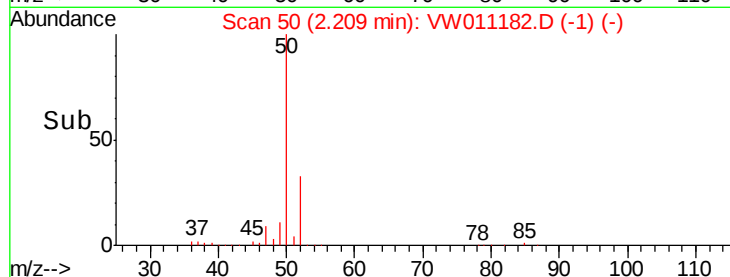
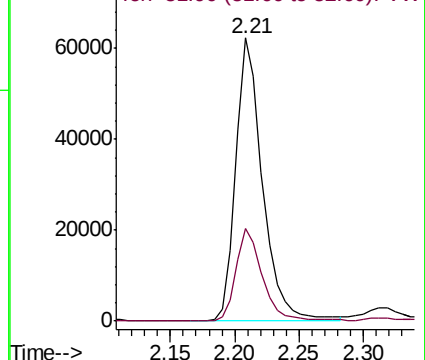
50 100

52 32.8 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 43.900 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011182.D

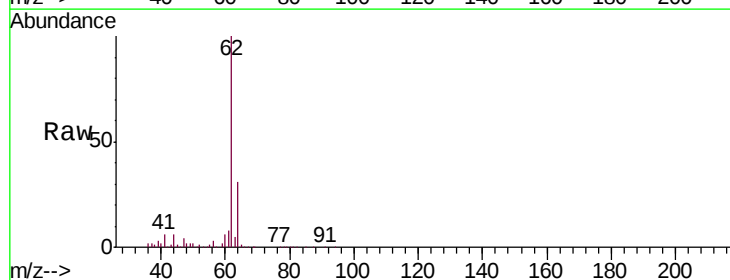
Acq: 09 Jul 2019 17:00

Tgt Ion: 62 Resp: 119771

Ion Ratio Lower Upper

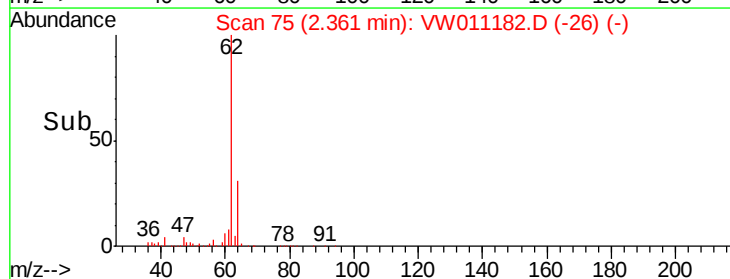
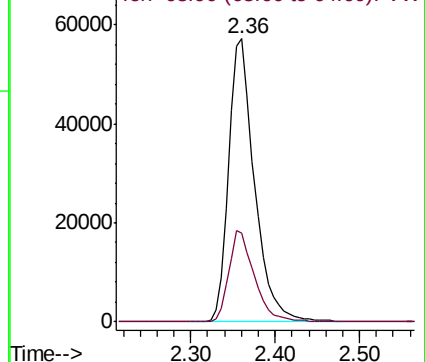
62 100

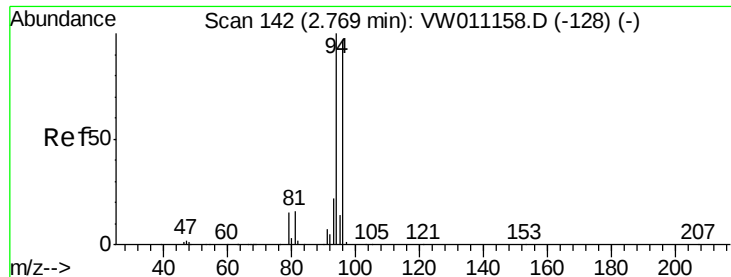
64 31.4 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.013 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

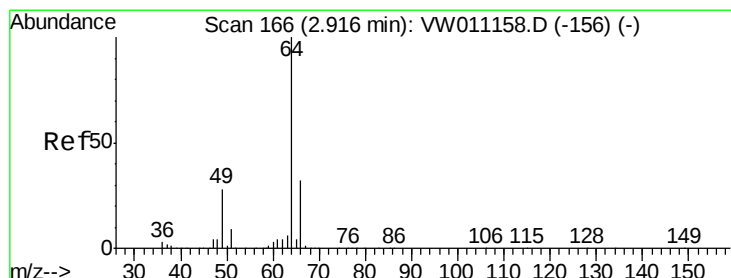
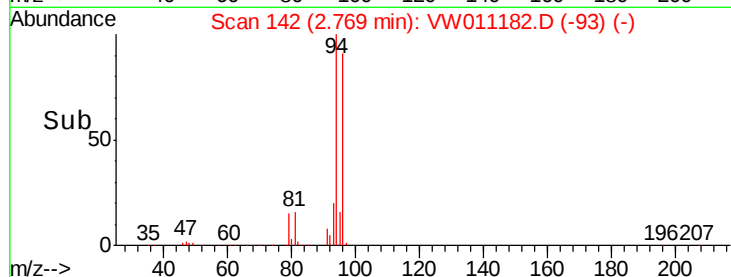
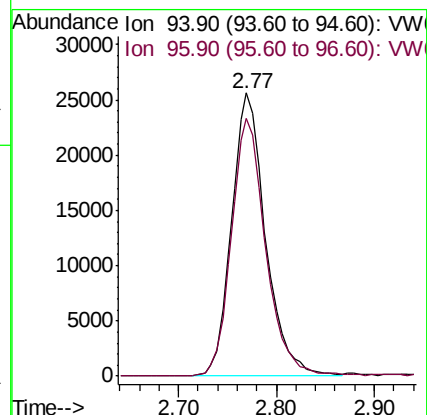
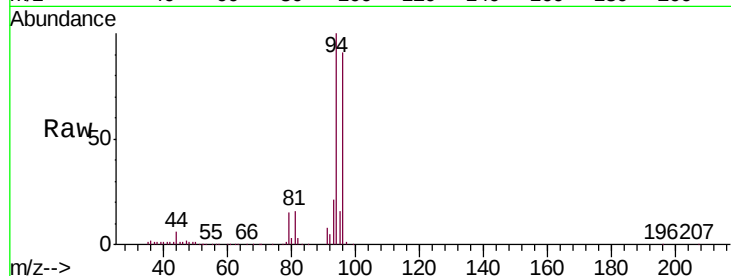
VSTDCCC050EC

Tgt Ion: 94 Resp: 61709

Ion Ratio Lower Upper

94 100

96 90.9 77.4 116.0



#6

Chloroethane

Concen: 44.927 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011182.D

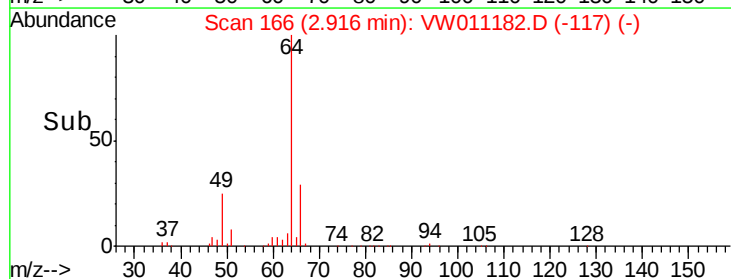
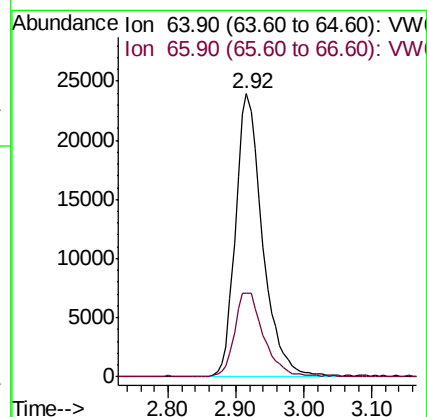
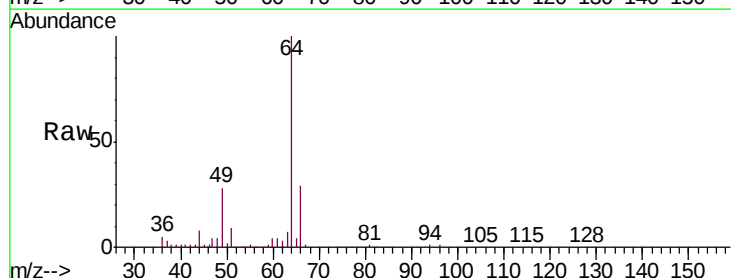
Acq: 09 Jul 2019 17:00

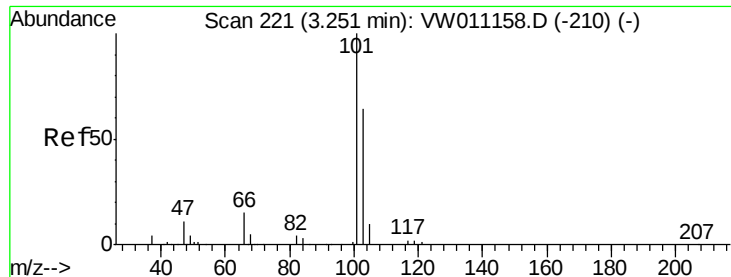
Tgt Ion: 64 Resp: 66020

Ion Ratio Lower Upper

64 100

66 29.1 25.8 38.8



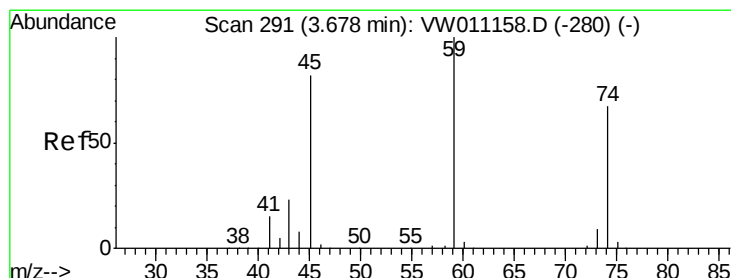
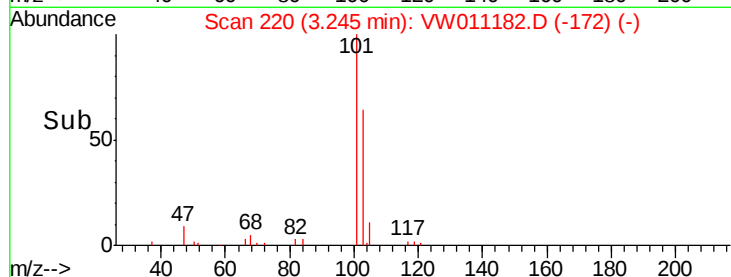
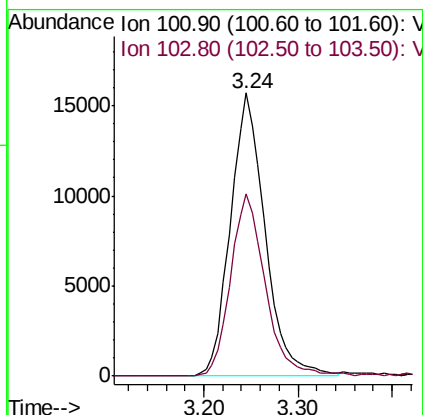
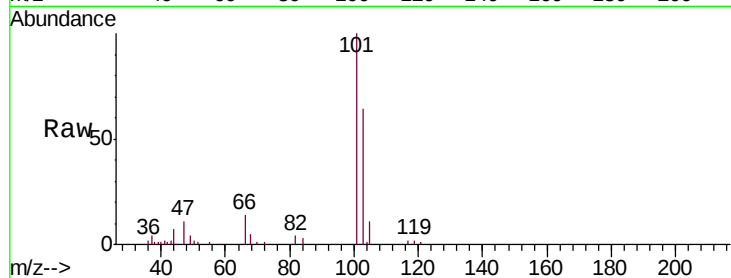


#7

Trichlorofluoromethane
Concen: 41.574 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
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Instrument :
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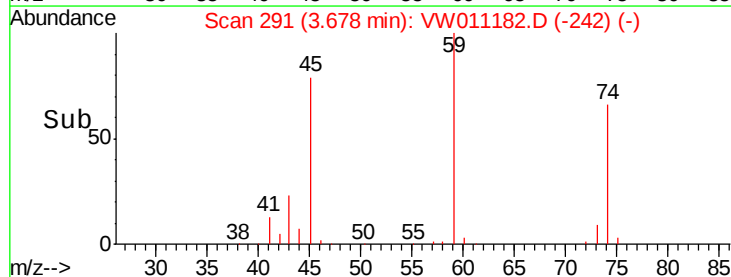
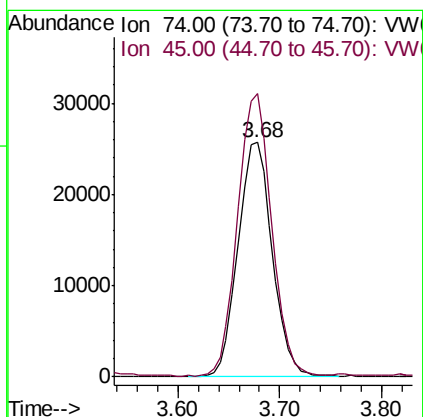
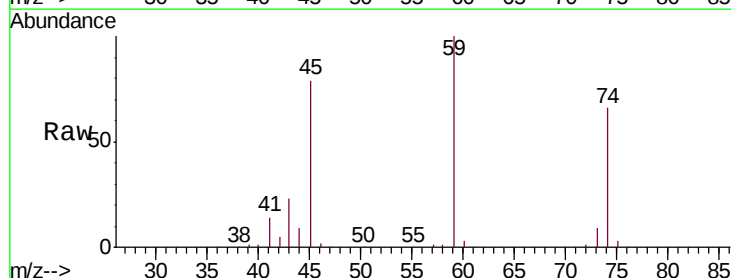
Tgt Ion:101 Resp: 40294
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

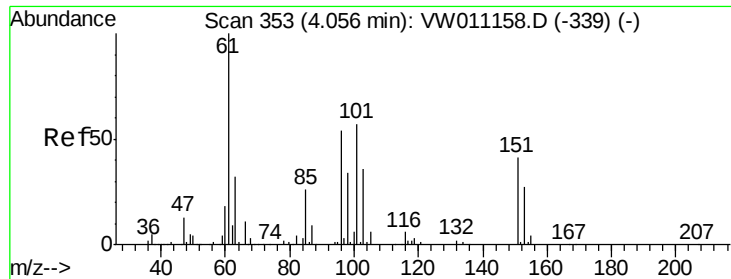


#8

Diethyl Ether
Concen: 44.888 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 74 Resp: 60196
Ion Ratio Lower Upper
74 100
45 119.1 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.090 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

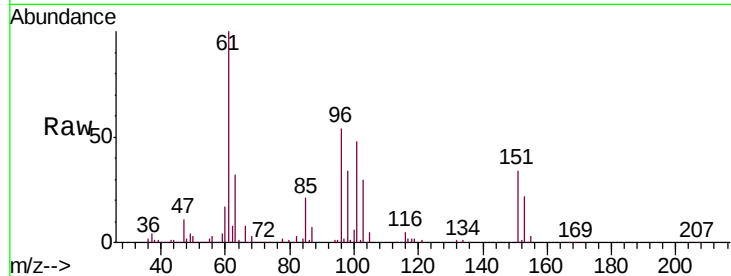
Tgt Ion:101 Resp: 104677

Ion Ratio Lower Upper

101 100

85 45.8 36.5 54.7

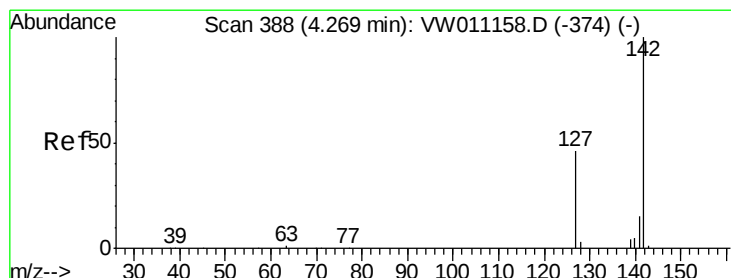
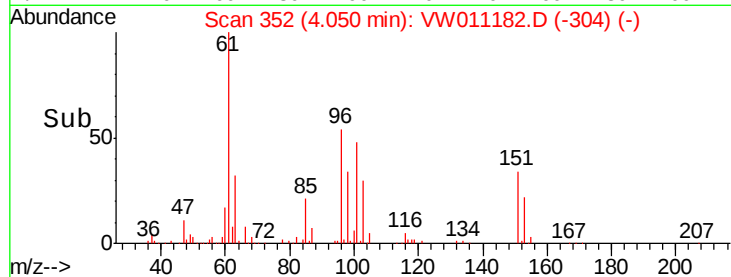
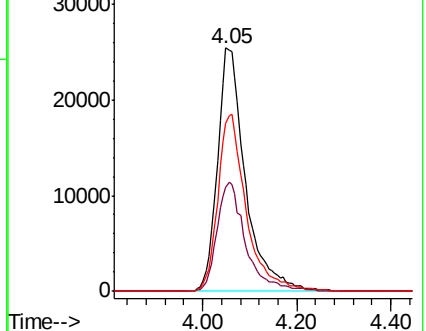
151 73.7 59.1 88.7



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: 45.626 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

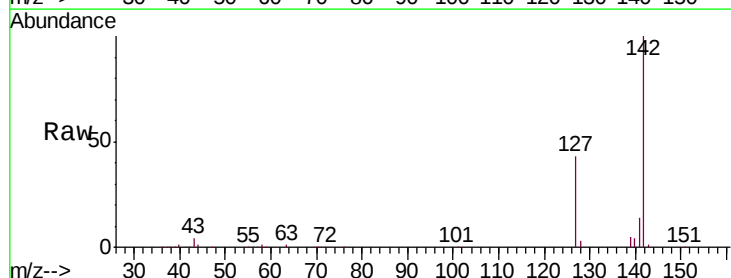
Tgt Ion:142 Resp: 145683

Ion Ratio Lower Upper

142 100

127 43.6 35.7 53.5

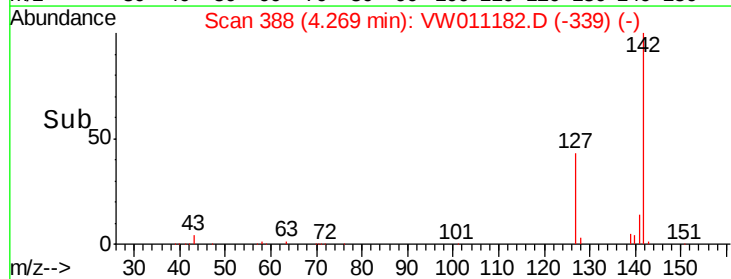
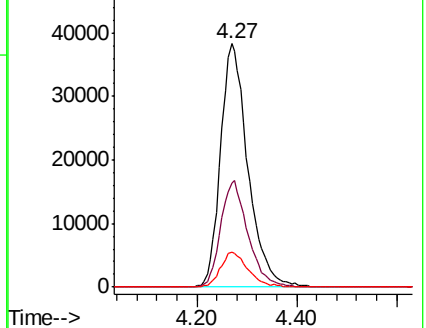
141 14.4 11.5 17.3

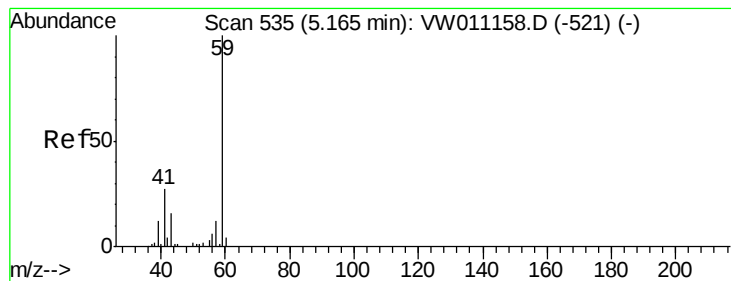


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



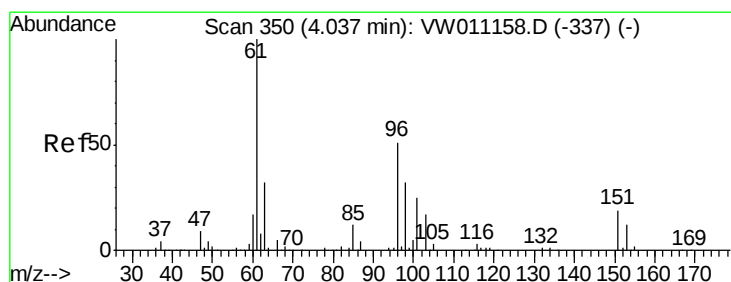
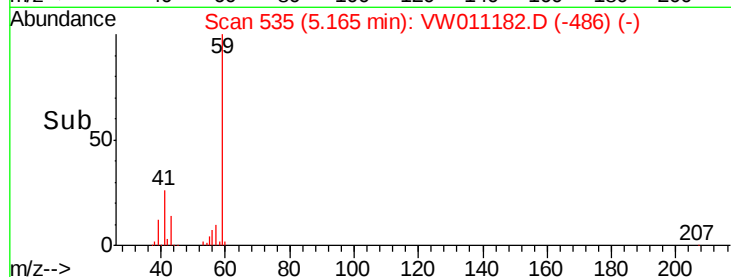
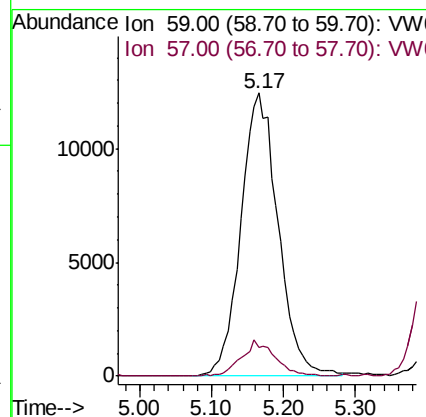
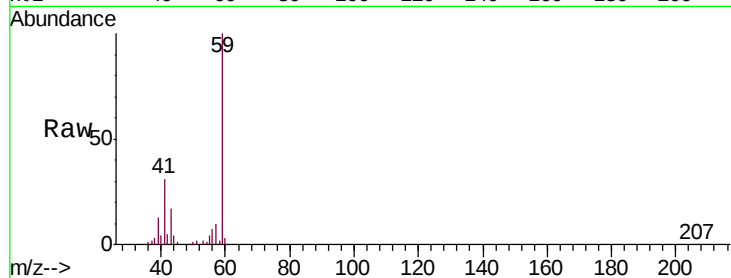


#11

Tert butyl alcohol
 Concen: 221.140 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

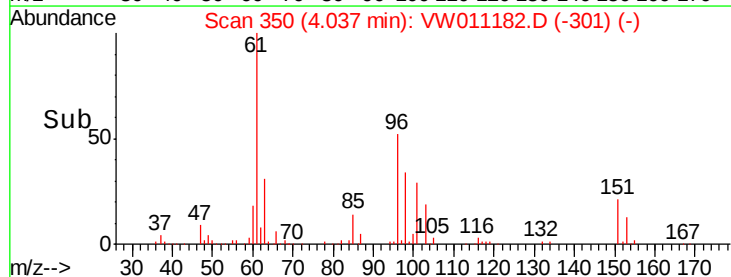
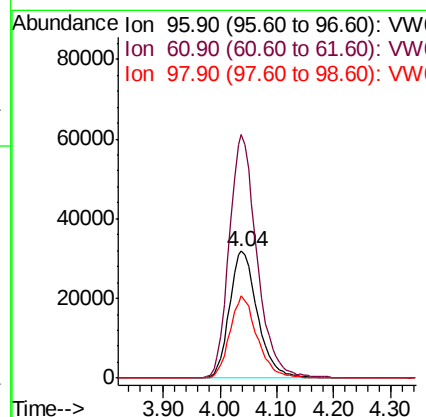
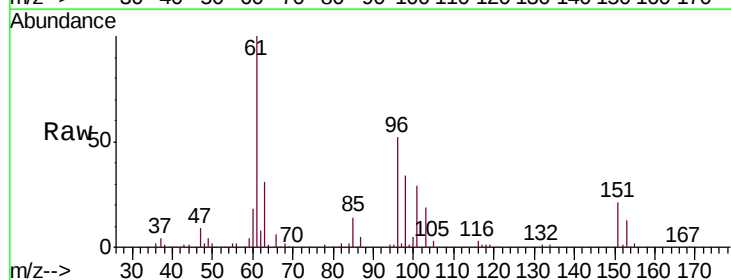
Tgt Ion: 59 Resp: 44622
 Ion Ratio Lower Upper
 59 100
 57 11.5 9.0 13.6

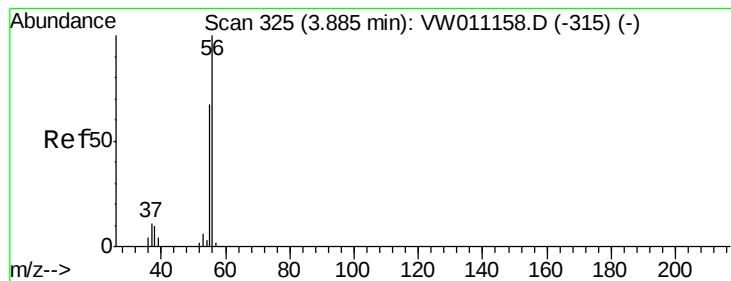


#12

1,1-Dichloroethene
 Concen: 45.528 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 96 Resp: 109701
 Ion Ratio Lower Upper
 96 100
 61 192.1 157.7 236.5
 98 64.7 50.9 76.3





#13

Acrolein

Concen: 321.047 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

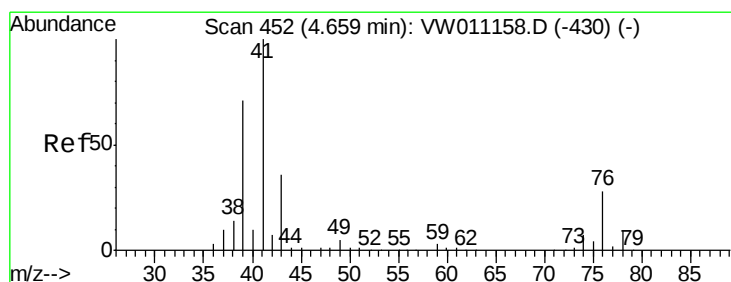
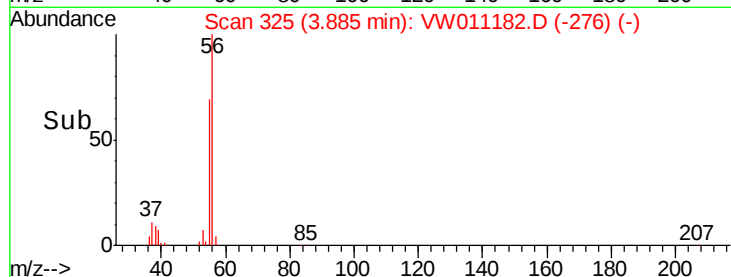
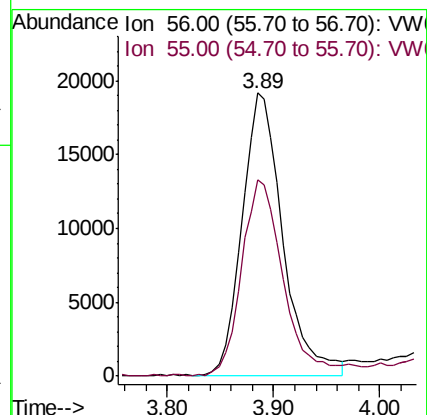
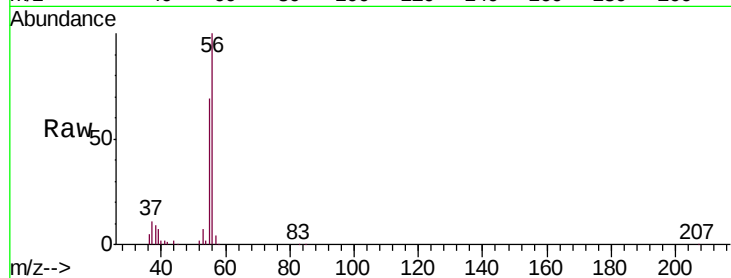
VSTDCCC050EC

Tgt Ion: 56 Resp: 51585

Ion Ratio Lower Upper

56 100

55 69.0 56.4 84.6



#14

Allyl chloride

Concen: 43.501 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

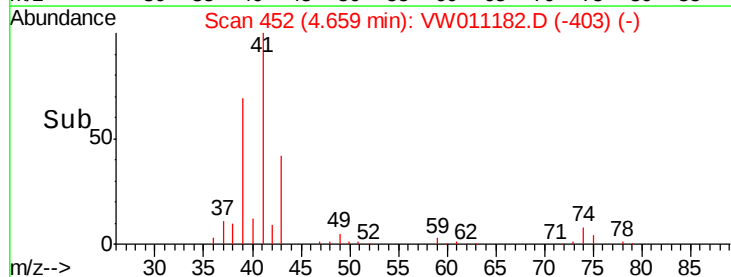
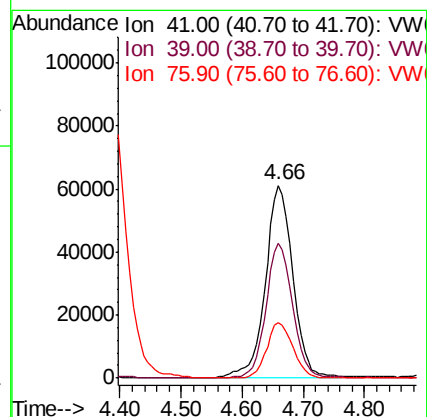
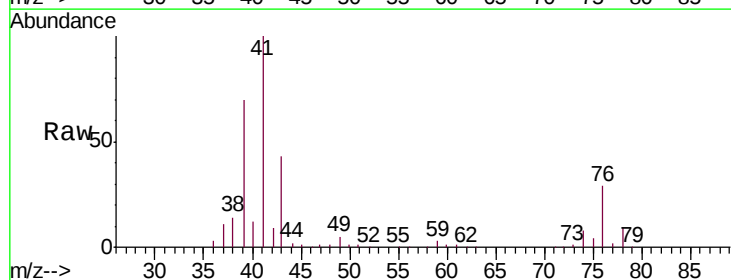
Tgt Ion: 41 Resp: 191137

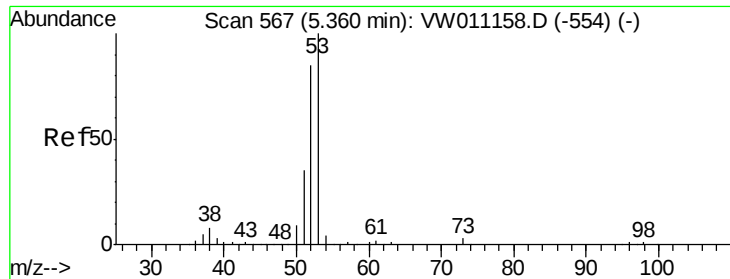
Ion Ratio Lower Upper

41 100

39 67.9 55.1 82.7

76 27.4 22.5 33.7





#15

Acrylonitrile

Concen: 228.142 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

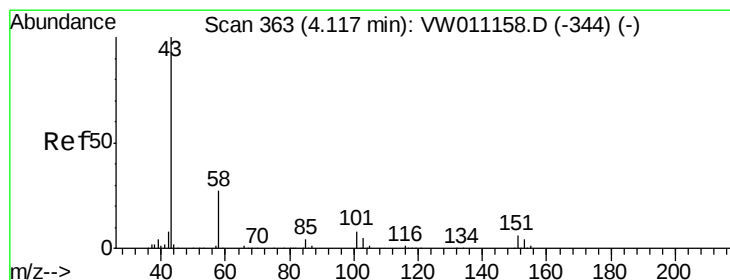
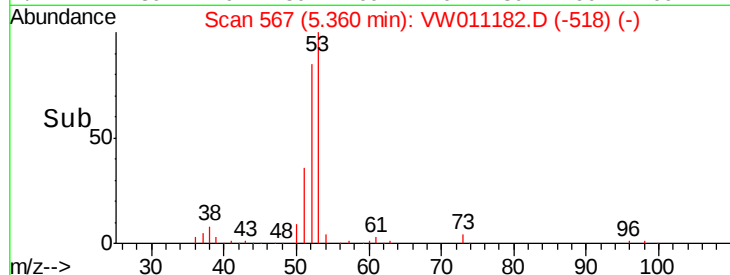
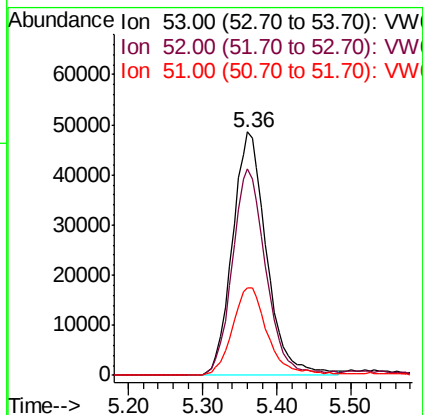
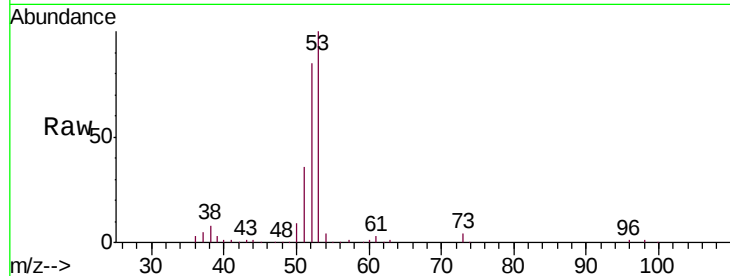
Tgt Ion: 53 Resp: 155816

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.4

51 37.2 29.1 43.7



#16

Acetone

Concen: 244.308 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011182.D

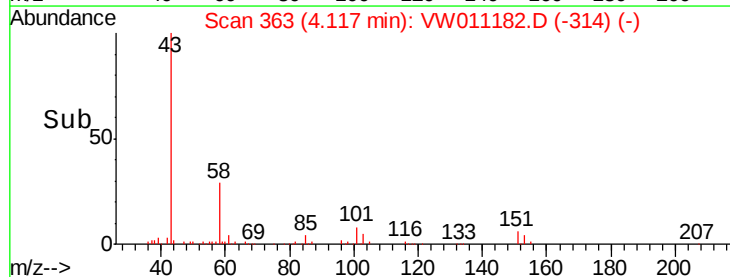
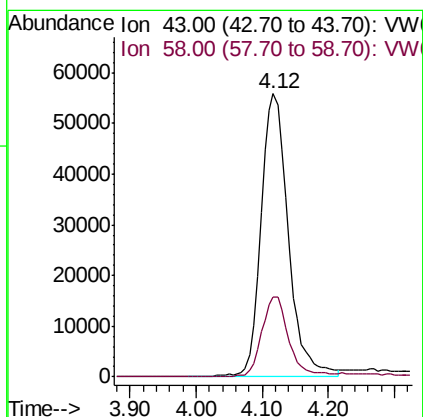
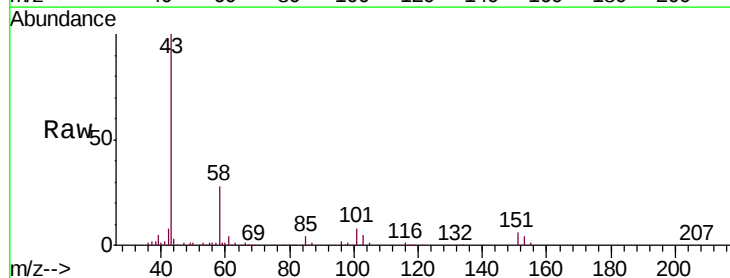
Acq: 09 Jul 2019 17:00

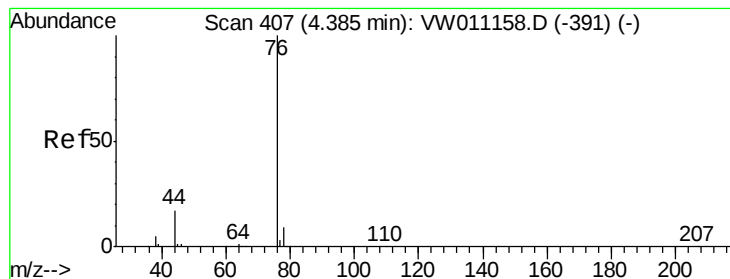
Tgt Ion: 43 Resp: 160210

Ion Ratio Lower Upper

43 100

58 28.0 21.8 32.6





#17

Carbon Disulfide

Concen: 44.025 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

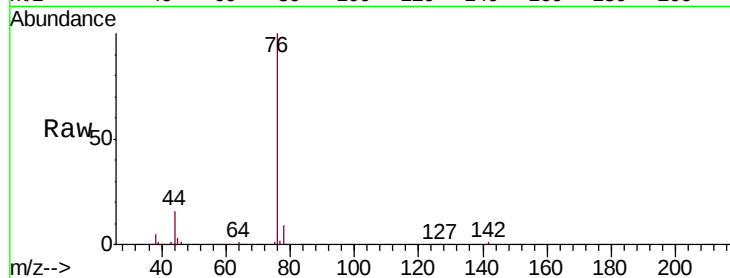
VSTDCCC050EC

Tgt Ion: 76 Resp: 321604

Ion Ratio Lower Upper

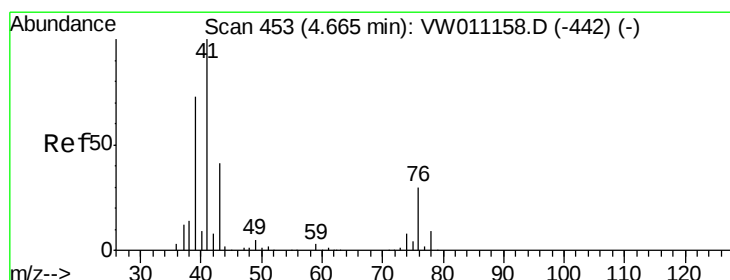
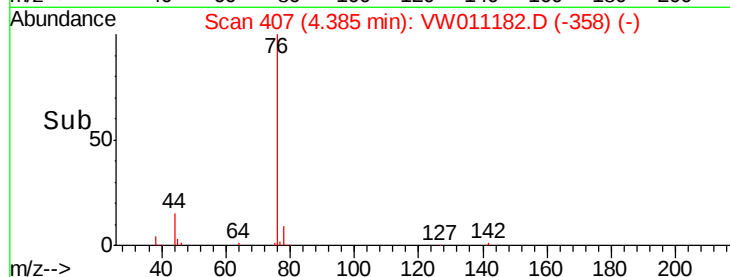
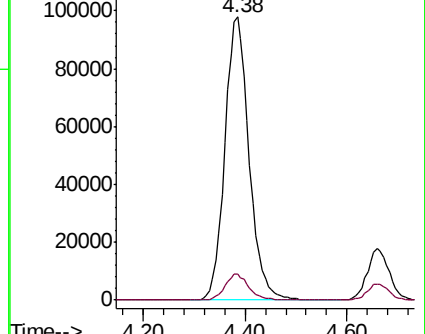
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 42.786 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011182.D

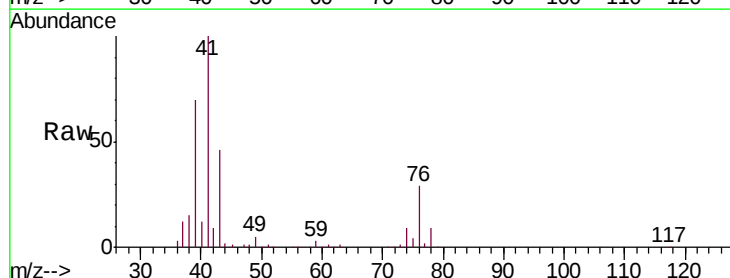
Acq: 09 Jul 2019 17:00

Tgt Ion: 43 Resp: 80170

Ion Ratio Lower Upper

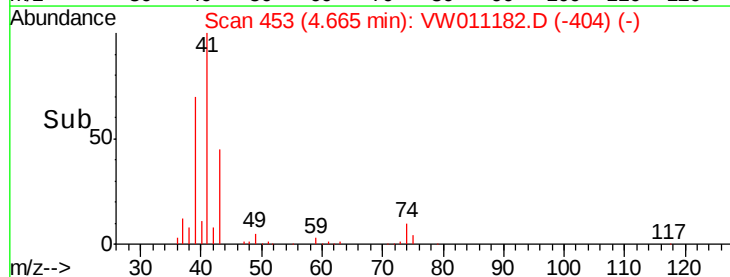
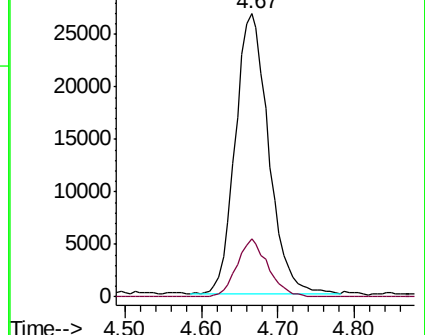
43 100

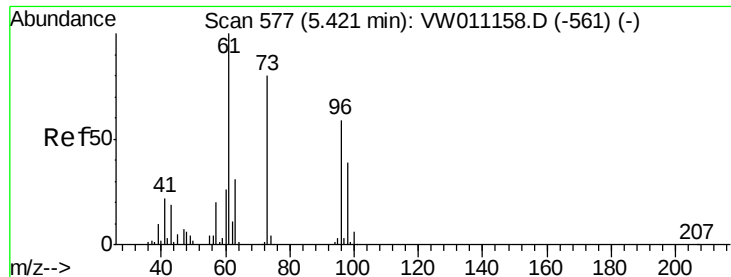
74 19.6 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

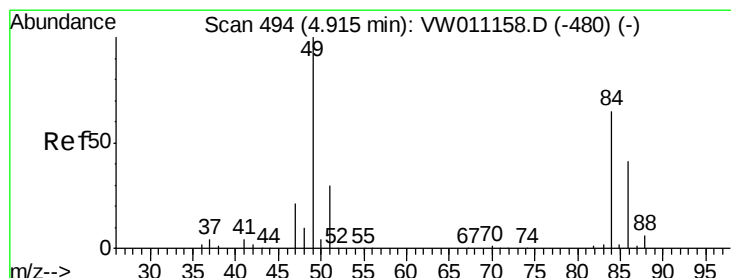
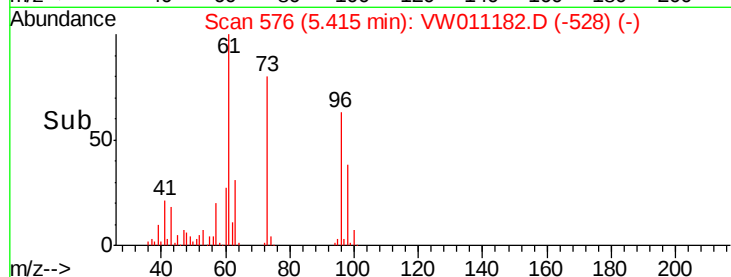
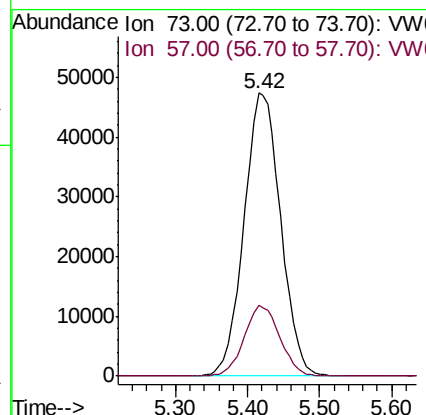
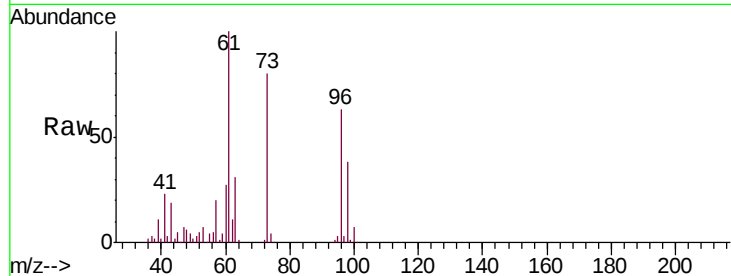




#19
Methyl tert-butyl Ether
Concen: 45.677 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

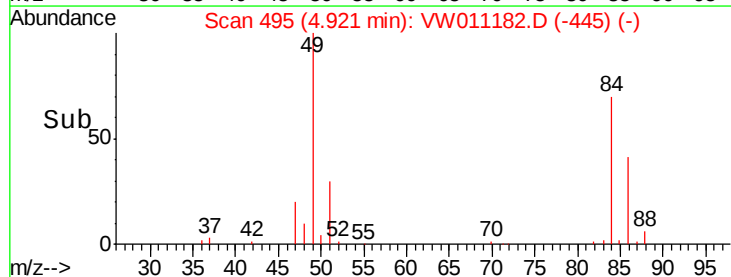
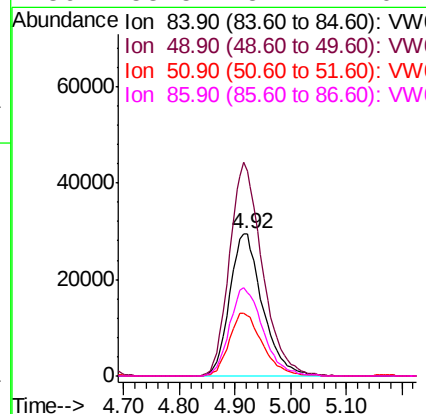
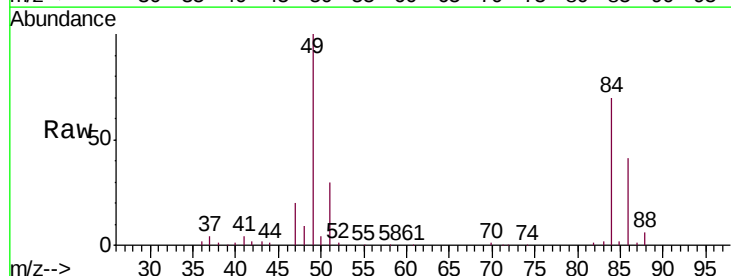
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

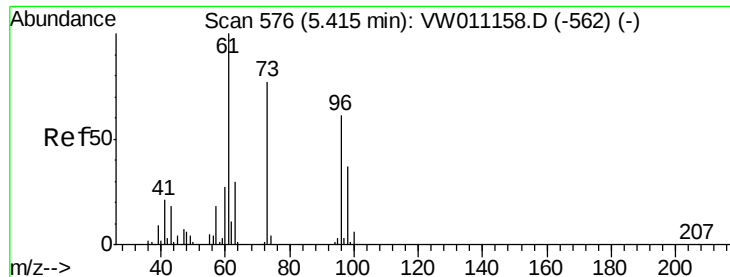
Tgt Ion: 73 Resp: 166999
Ion Ratio Lower Upper
73 100
57 25.0 19.7 29.5



#20
Methylene Chloride
Concen: 46.495 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 84 Resp: 120282
Ion Ratio Lower Upper
84 100
49 143.8 123.8 185.6
51 42.7 37.4 56.2
86 58.5 51.1 76.7

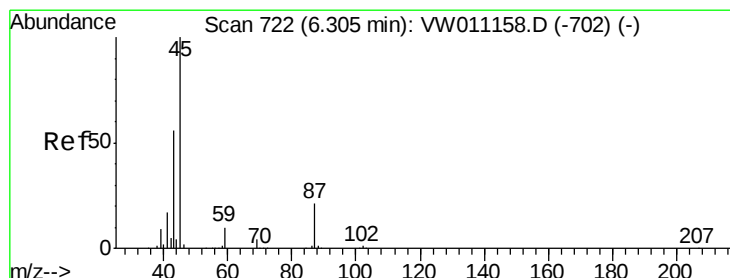
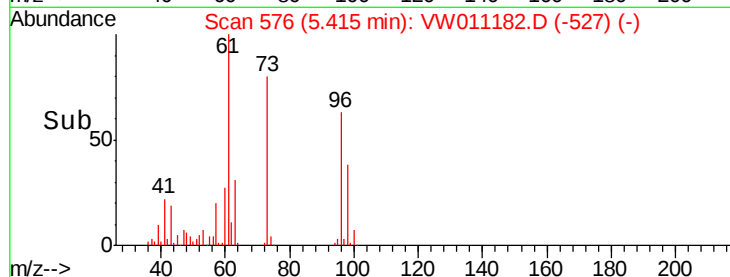
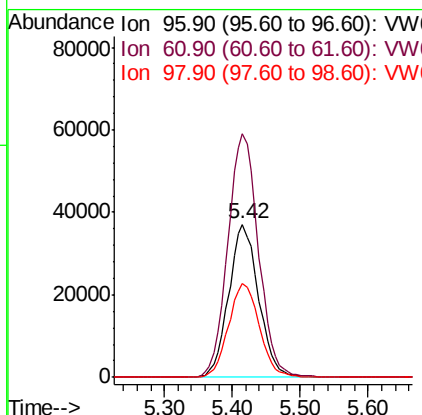
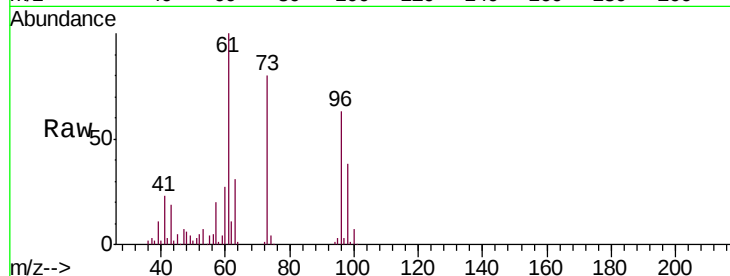




#21
trans-1,2-Dichloroethene
Concen: 45.246 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

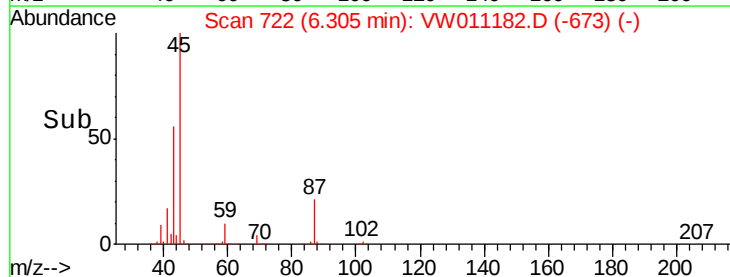
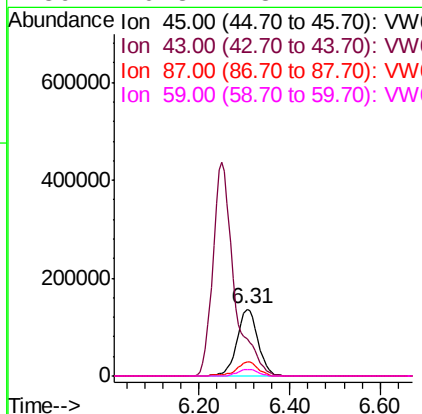
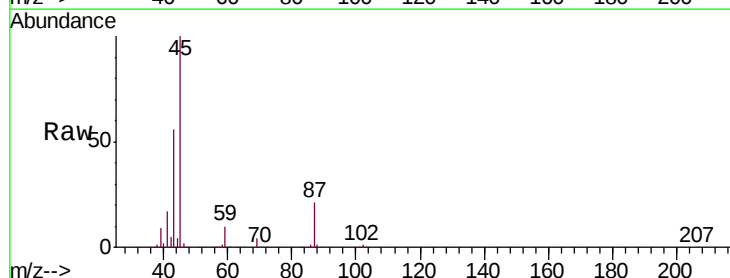
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

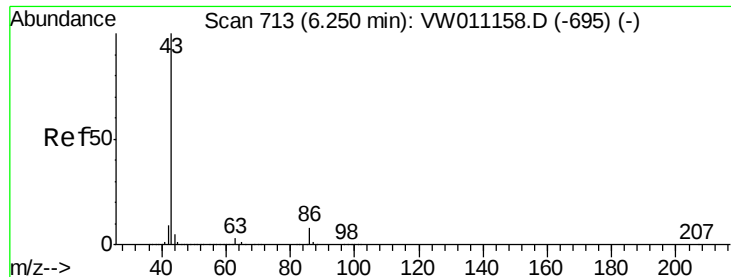
Tgt Ion: 96 Resp: 113283
Ion Ratio Lower Upper
96 100
61 159.1 132.2 198.2
98 61.0 49.4 74.0



#22
Diisopropyl ether
Concen: 46.340 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 45 Resp: 437931
Ion Ratio Lower Upper
45 100
43 56.2 44.6 66.8
87 20.7 17.3 25.9
59 10.3 8.2 12.2





#23

Vinyl Acetate

Concen: 242.826 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

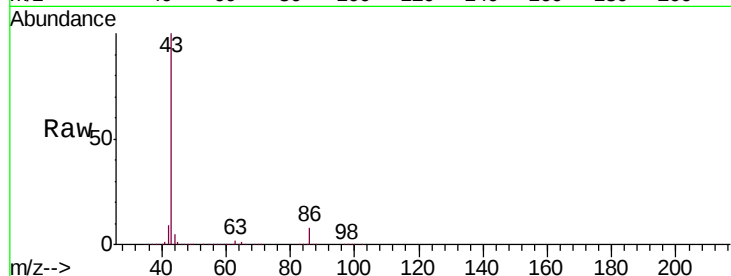
VSTDCCC050EC

Tgt Ion: 43 Resp: 1420196

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

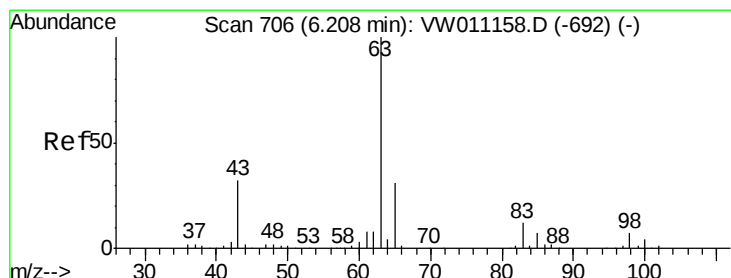
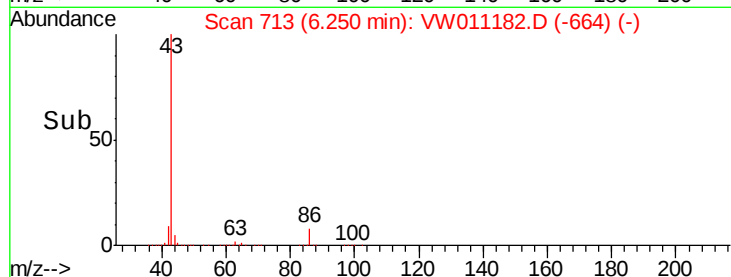
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.836 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

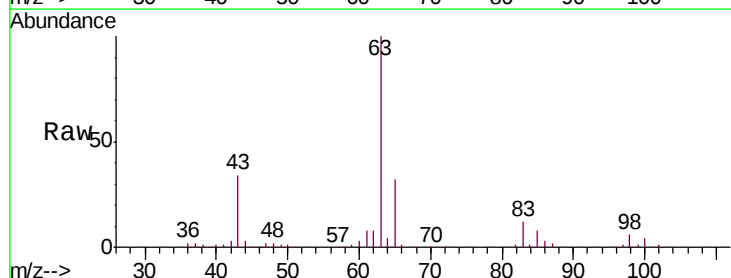
Tgt Ion: 63 Resp: 222501

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.9 2.1 6.2



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

6.21

100000

80000

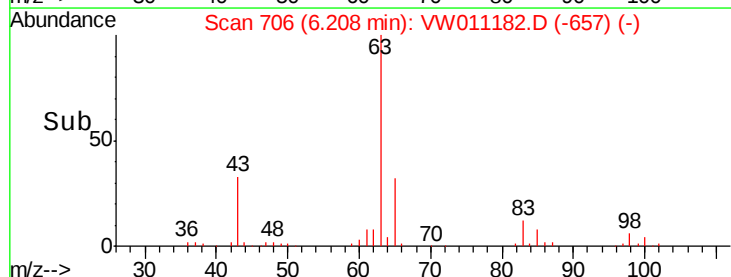
60000

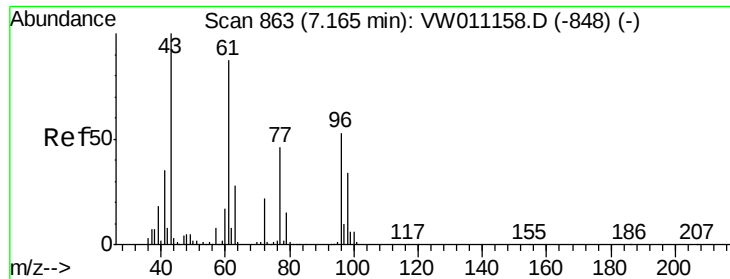
40000

20000

0

Time-->





#25

2-Butanone

Concen: 235.113 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

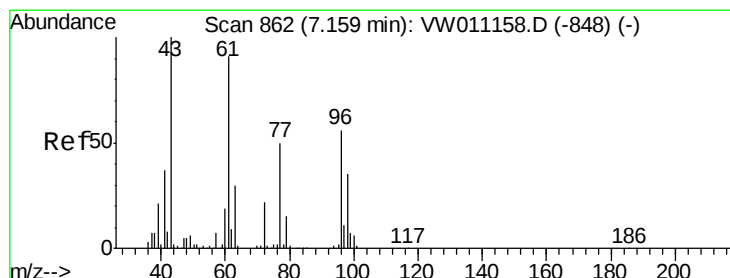
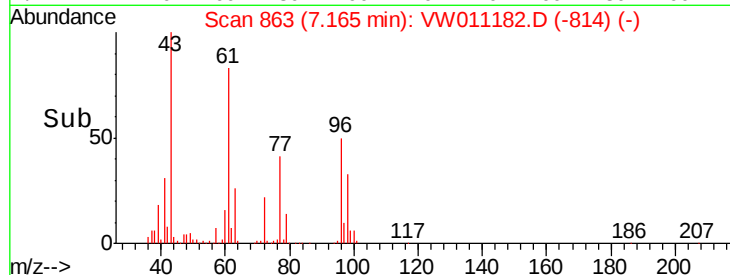
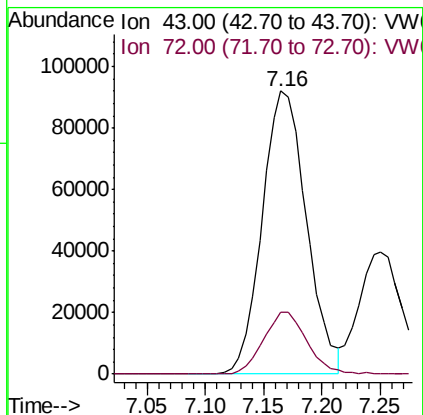
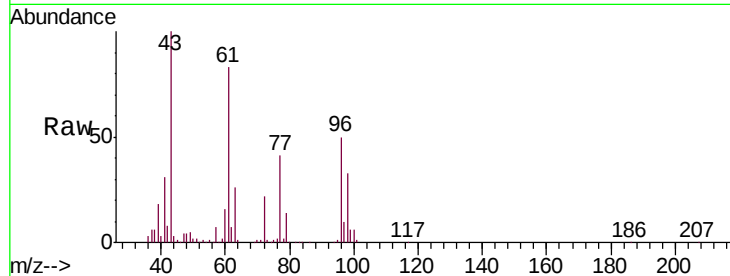
VSTDCCC050EC

Tgt Ion: 43 Resp: 242022

Ion Ratio Lower Upper

43 100

72 21.9 17.6 26.4



#26

2,2-Dichloropropane

Concen: 43.875 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW011182.D

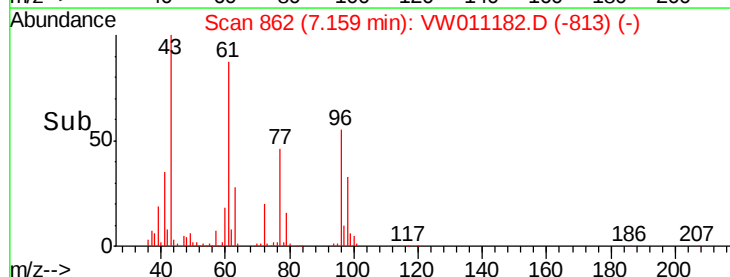
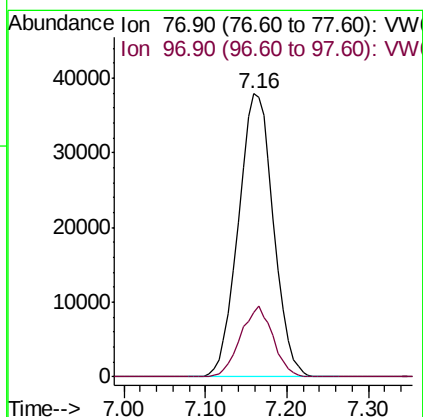
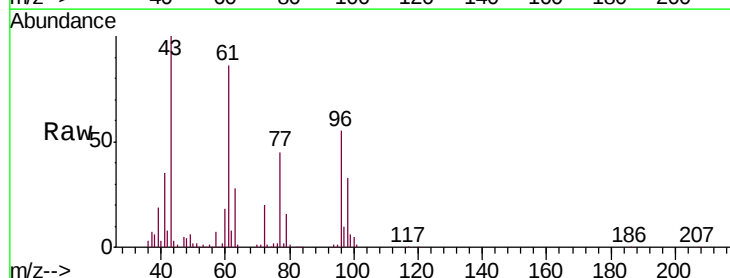
Acq: 09 Jul 2019 17:00

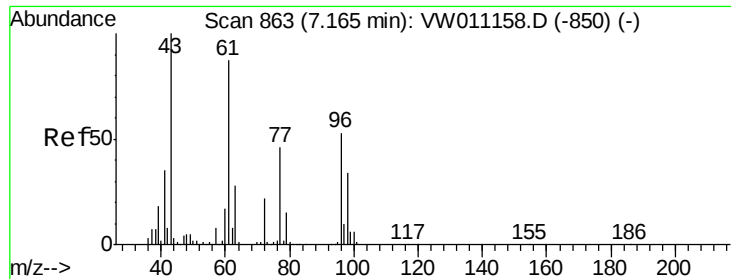
Tgt Ion: 77 Resp: 113180

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



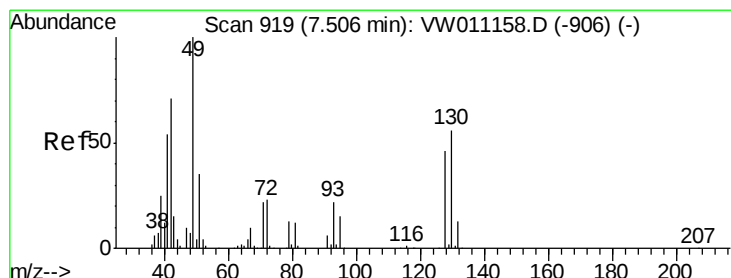
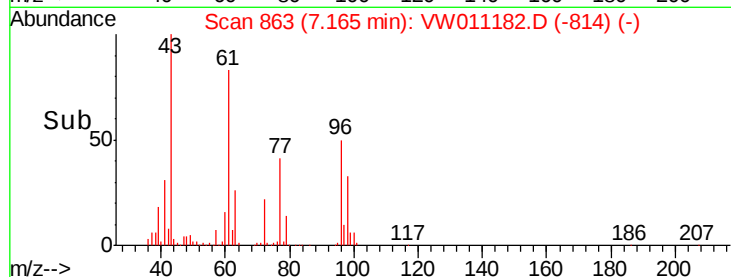
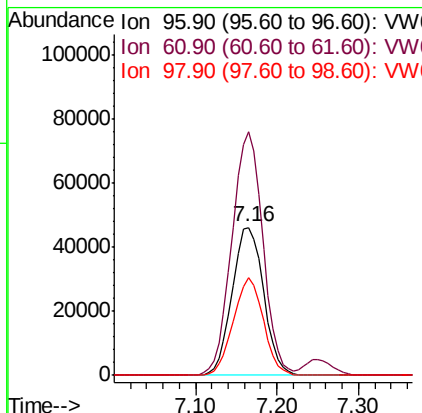
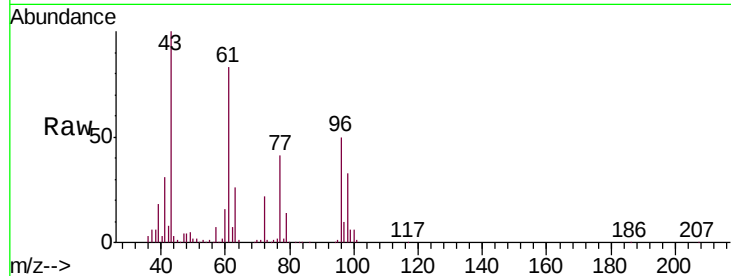


#27

cis-1,2-Dichloroethene
 Concen: 45.482 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

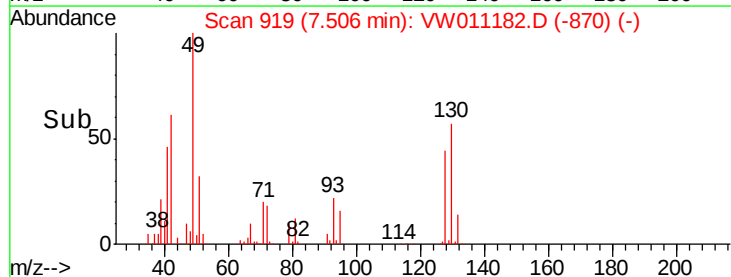
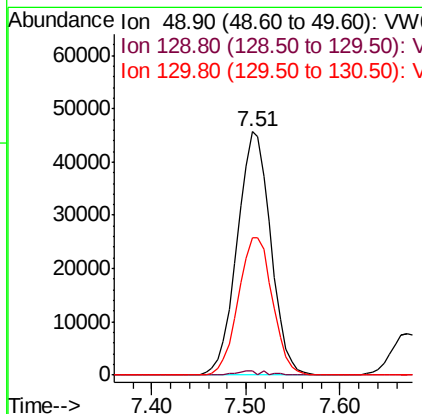
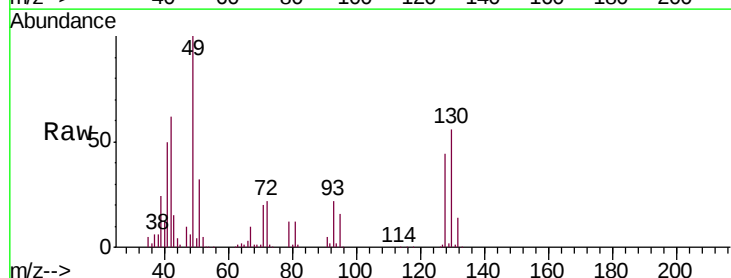
Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	325.6
98	63.6	0.0	128.2

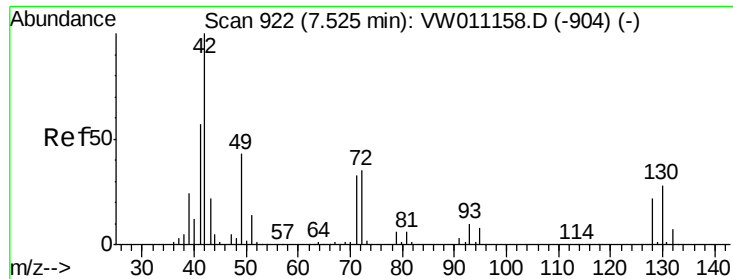


#28

Bromochloromethane
 Concen: 50.446 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.4
130	57.6	45.8	68.8





#29

Tetrahydrofuran

Concen: 230.701 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

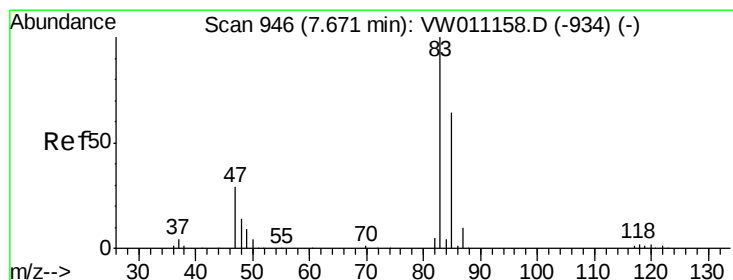
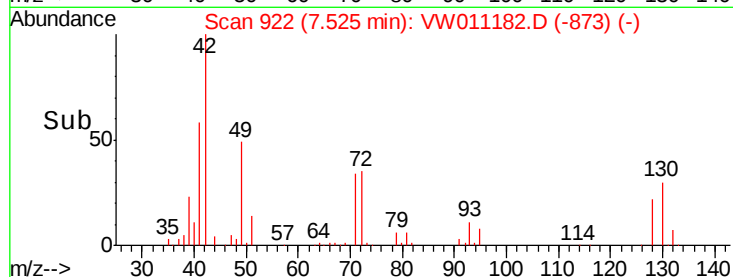
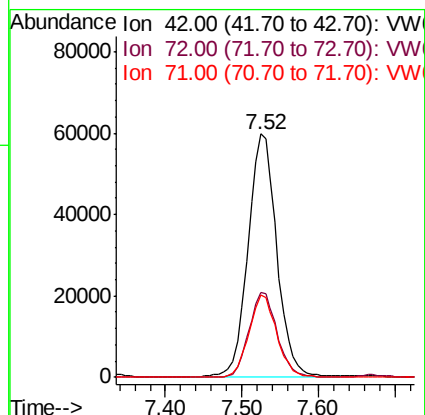
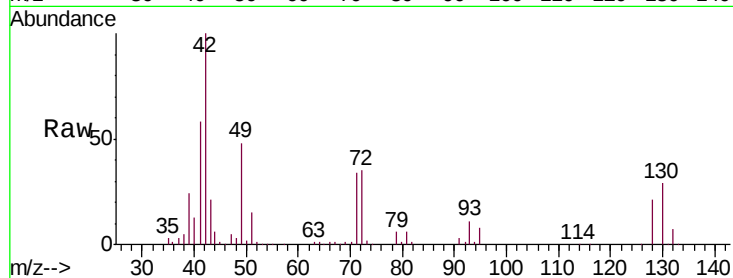
Tgt Ion: 42 Resp: 155718

Ion Ratio Lower Upper

42 100

72 34.5 27.4 41.2

71 33.0 25.9 38.9



#30

Chloroform

Concen: 44.825 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW011182.D

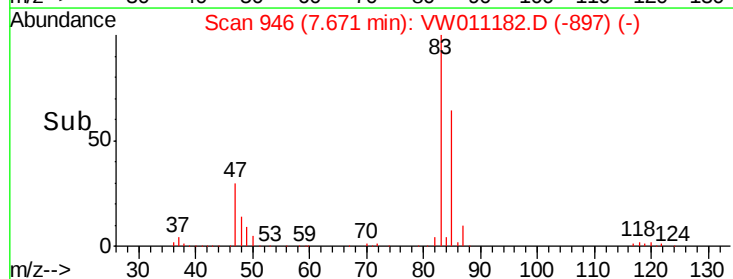
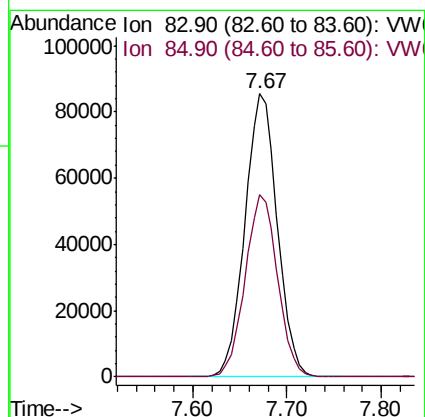
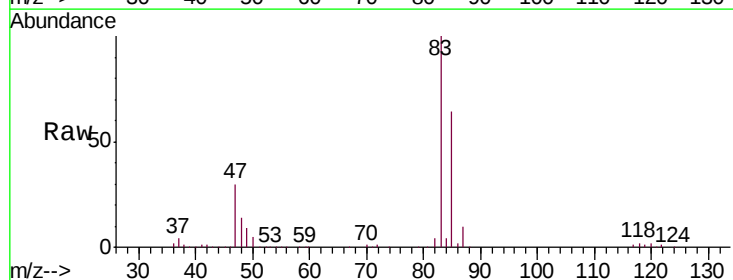
Acq: 09 Jul 2019 17:00

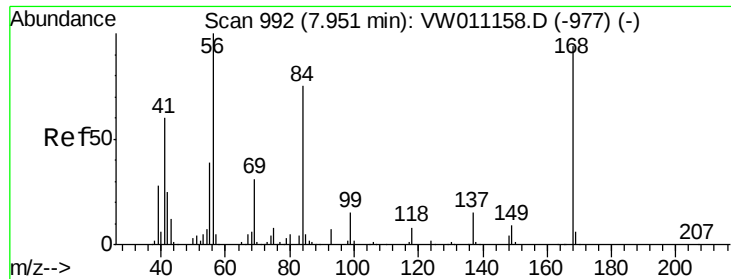
Tgt Ion: 83 Resp: 206007

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.2

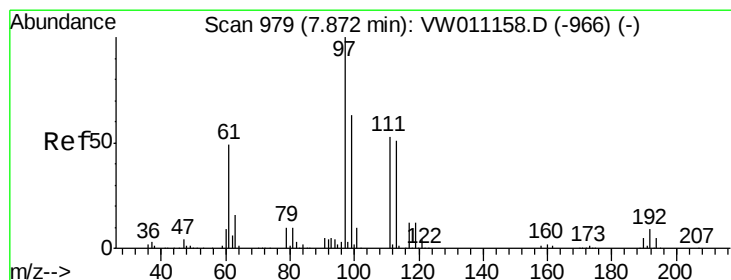
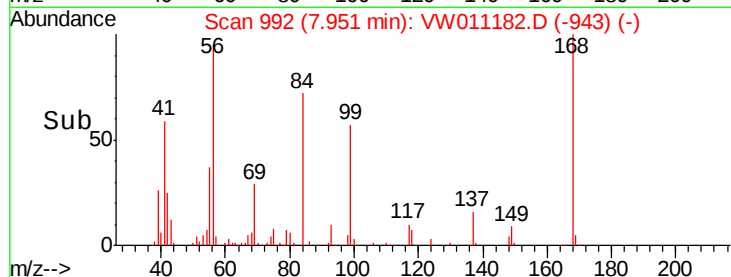
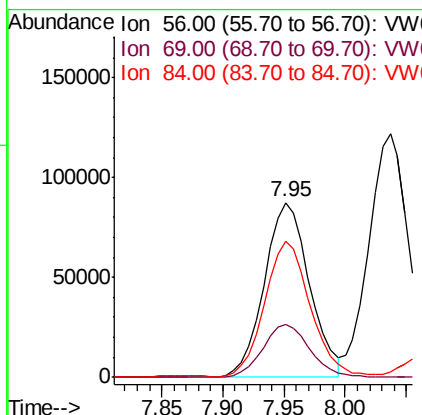
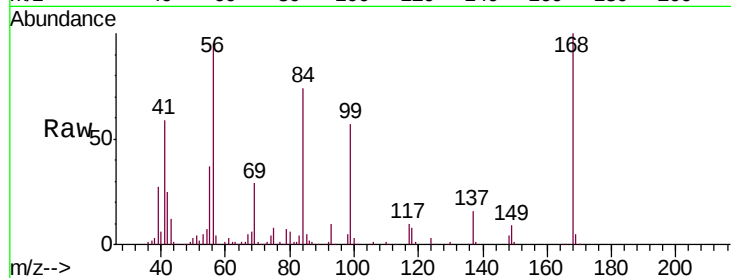




#31
Cyclohexane
Concen: 42.640 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

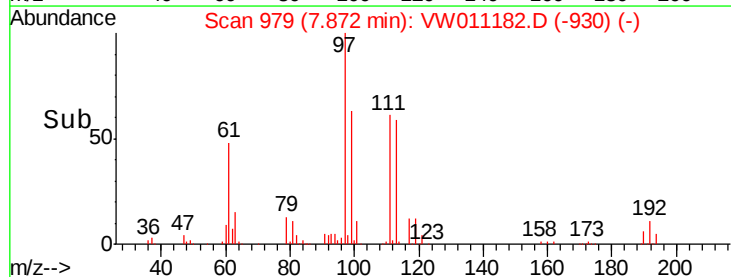
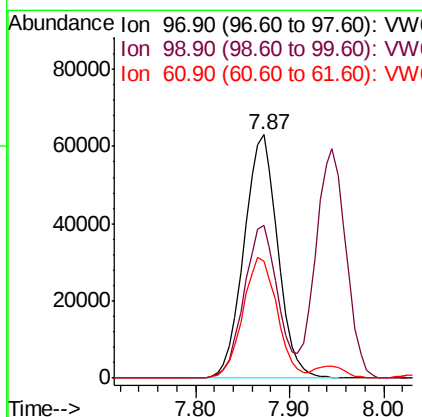
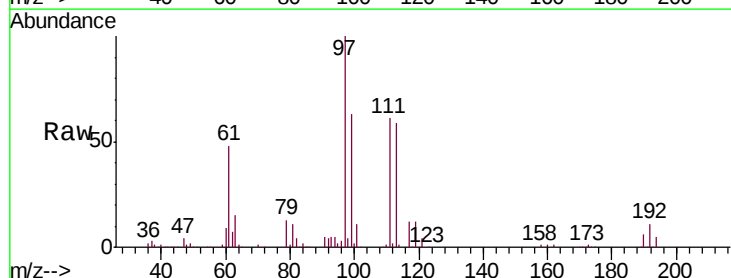
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

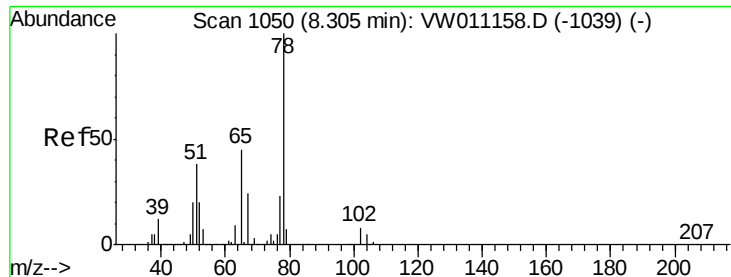
Tgt Ion: 56 Resp: 225116
Ion Ratio Lower Upper
56 100
69 30.4 24.6 36.8
84 76.3 60.1 90.1



#32
1,1,1-Trichloroethane
Concen: 44.916 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 97 Resp: 157027
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 50.6 40.4 60.6

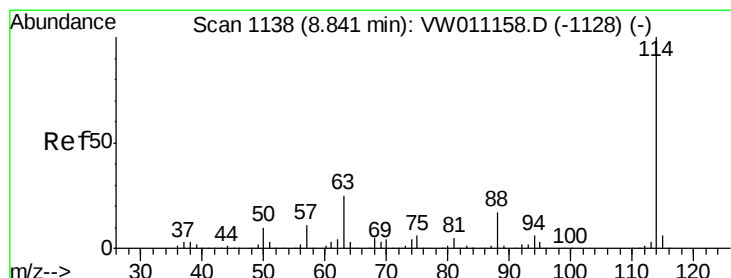
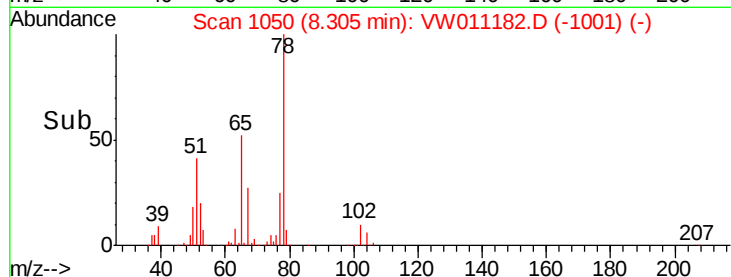
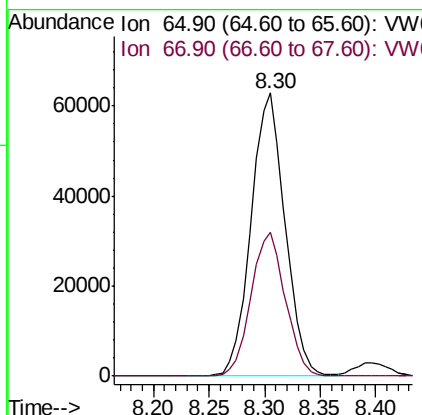
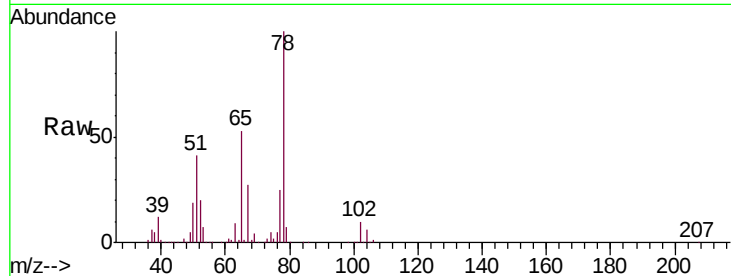




#33
 1,2-Dichloroethane-d4
 Concen: 49.061 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

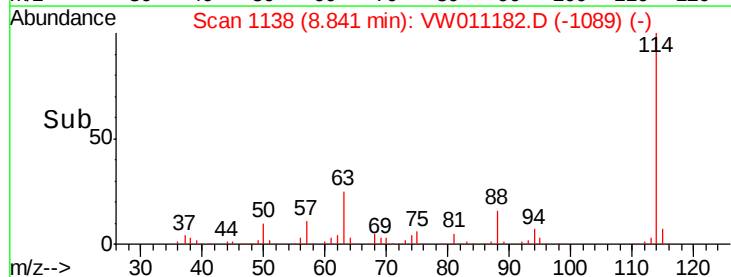
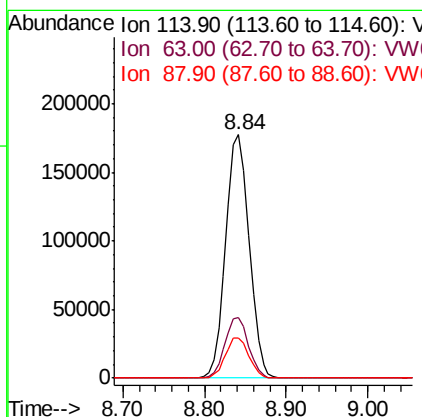
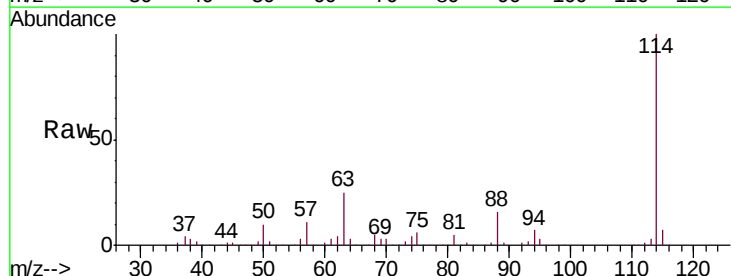
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

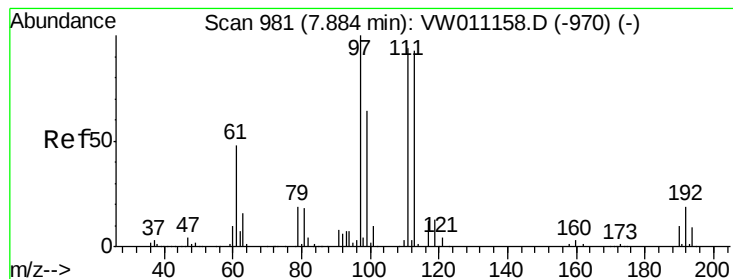
Tgt Ion: 65 Resp: 133713
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 114 Resp: 352827
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.825 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

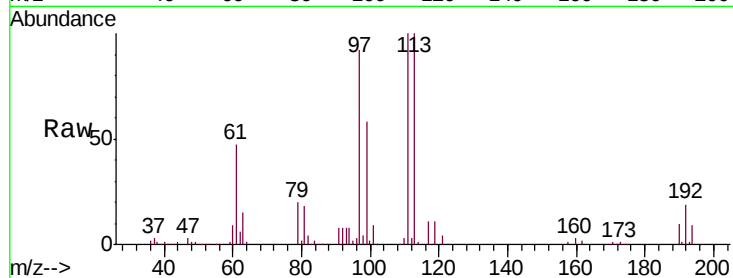
Tgt Ion:113 Resp: 104783

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

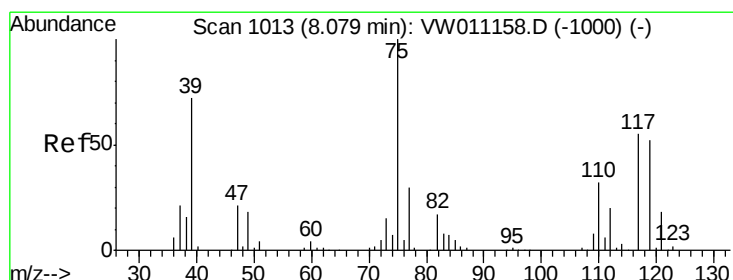
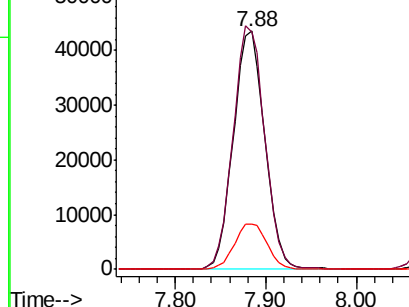
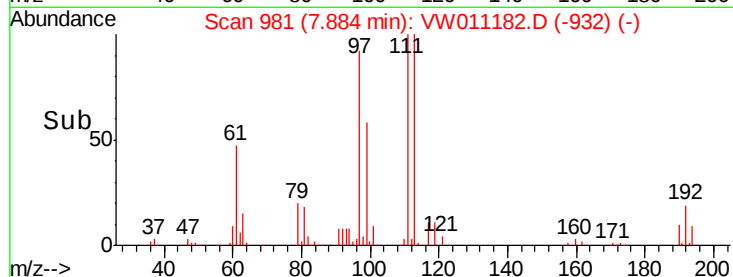
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.512 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

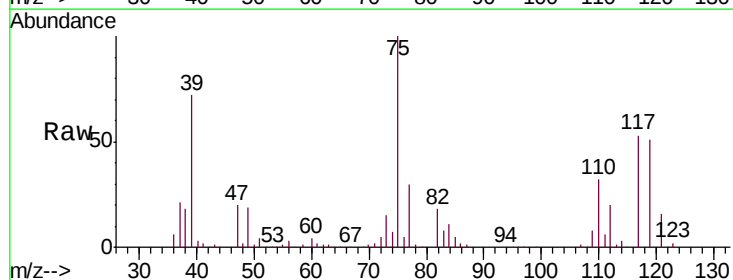
Tgt Ion: 75 Resp: 171001

Ion Ratio Lower Upper

75 100

110 31.4 15.9 47.6

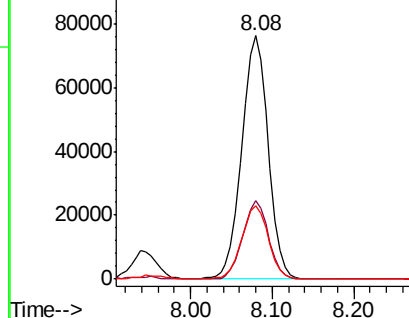
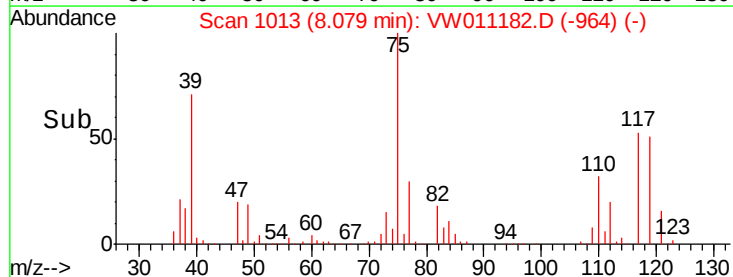
77 30.5 24.6 36.8

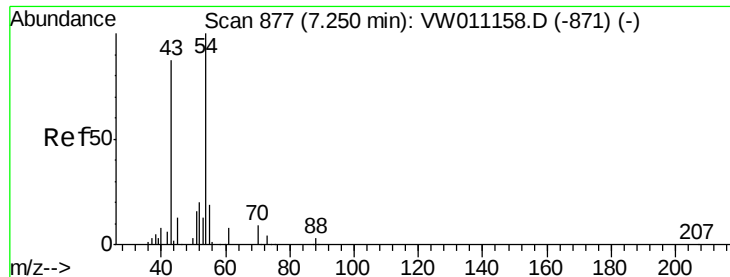


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

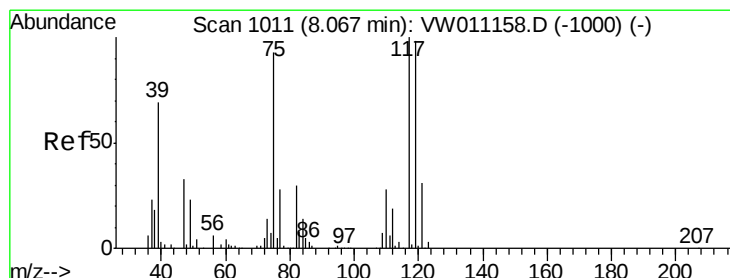
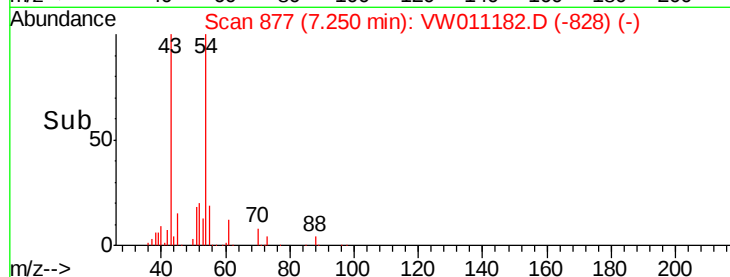
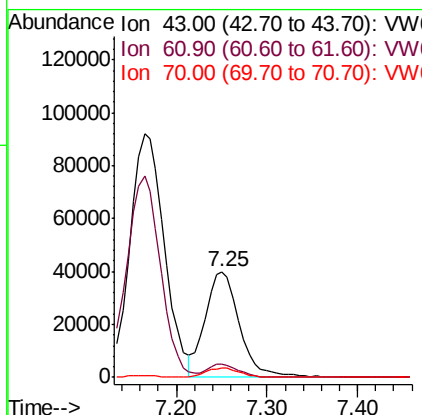
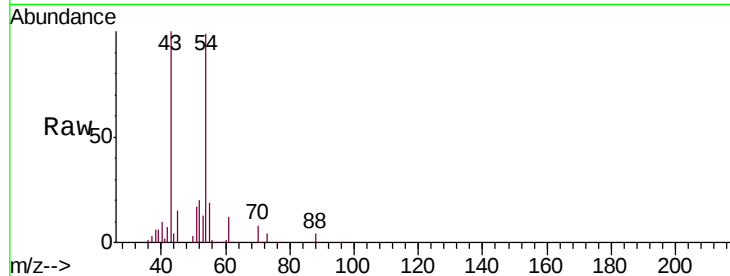




#37
Ethyl Acetate
Concen: 46.202 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

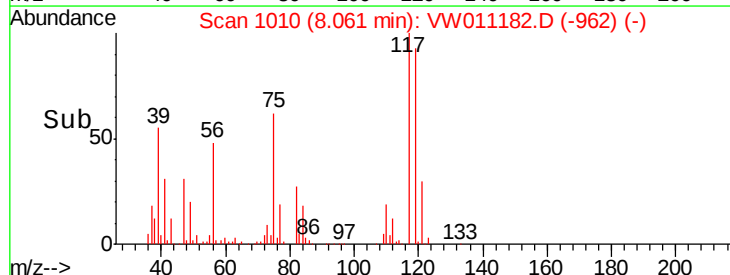
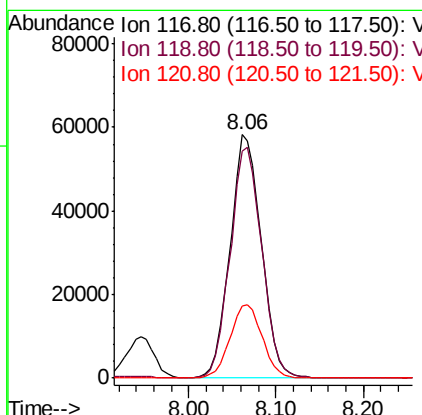
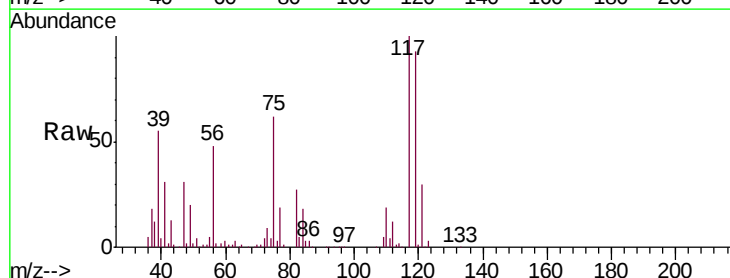
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

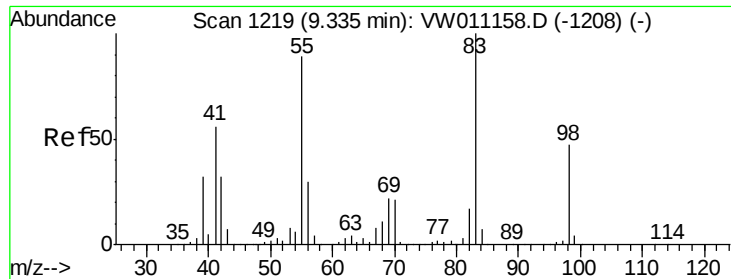
Tgt Ion: 43 Resp: 104299
Ion Ratio Lower Upper
43 100
61 11.7 9.5 14.3
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.395 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 117 Resp: 144588
Ion Ratio Lower Upper
117 100
119 93.3 78.1 117.1
121 29.8 25.1 37.7

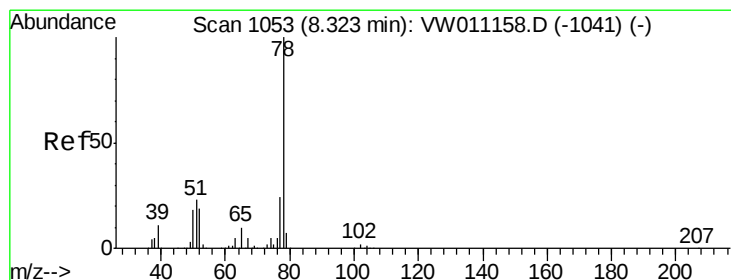
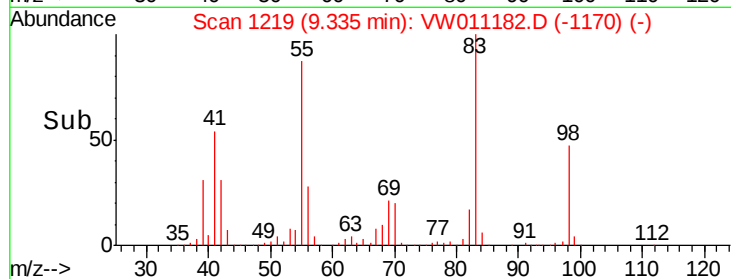
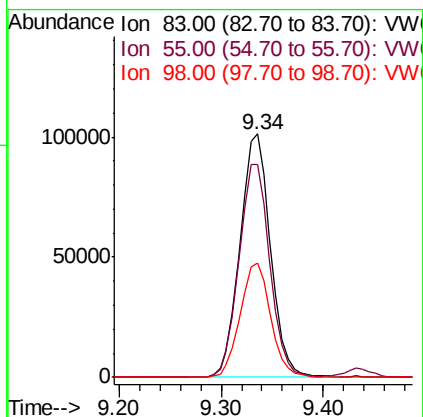
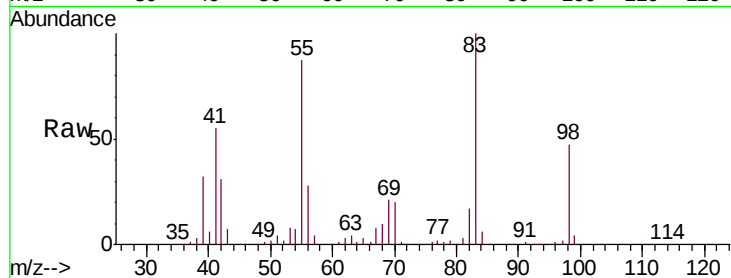




#39
Methylcyclohexane
Concen: 46.227 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

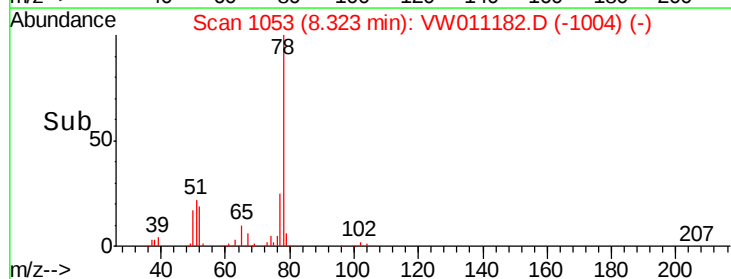
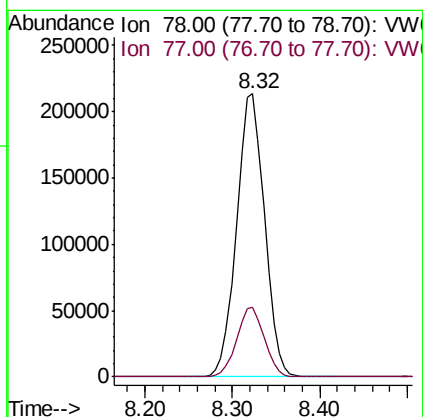
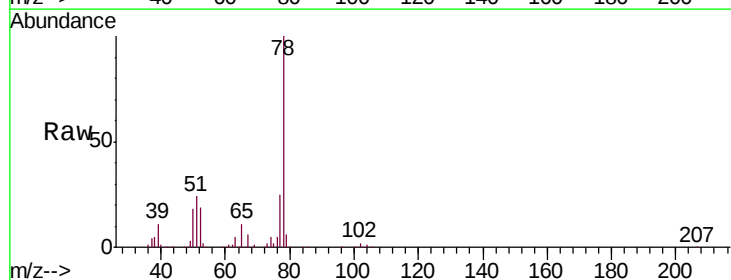
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

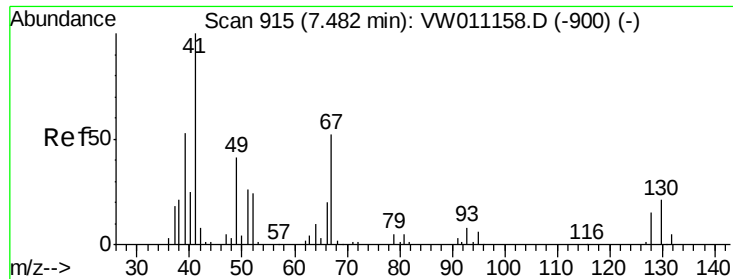
Tgt Ion: 83 Resp: 210519
Ion Ratio Lower Upper
83 100
55 87.3 71.2 106.8
98 47.2 37.5 56.3



#40
Benzene
Concen: 45.737 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 78 Resp: 474922
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

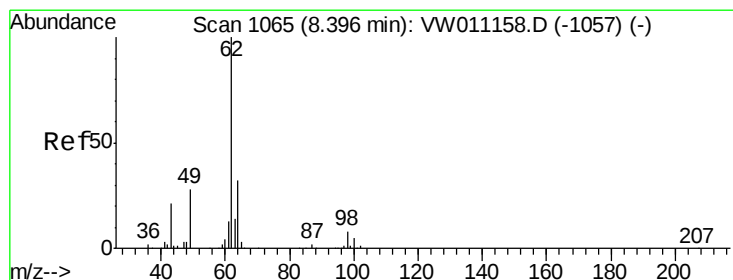
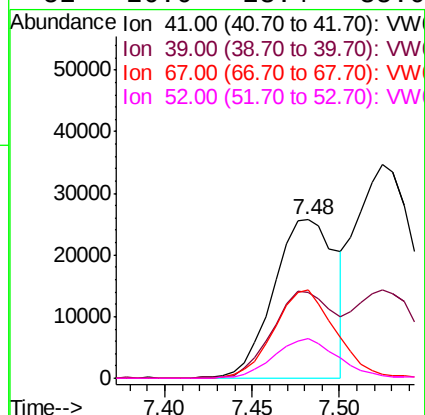
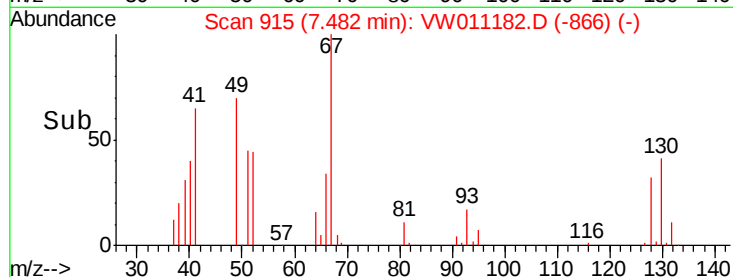
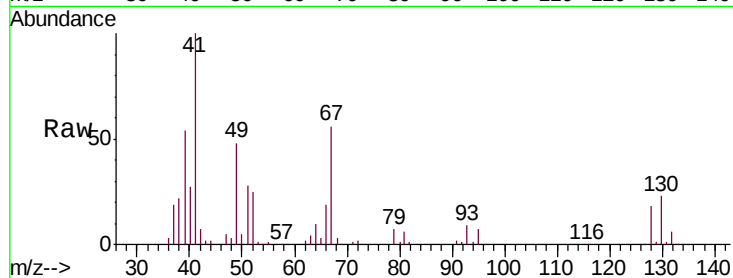




#41
Methacrylonitrile
Concen: 49.679 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

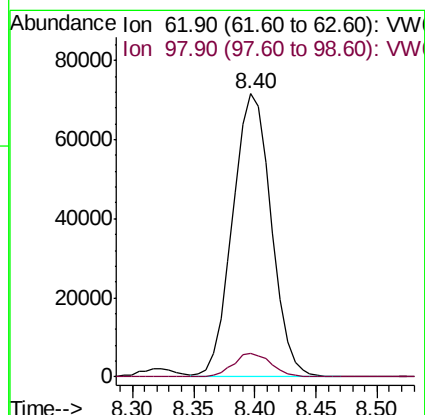
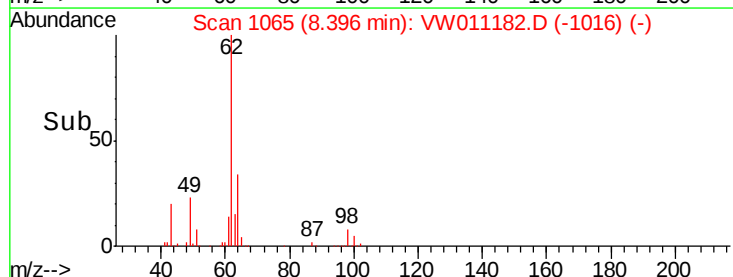
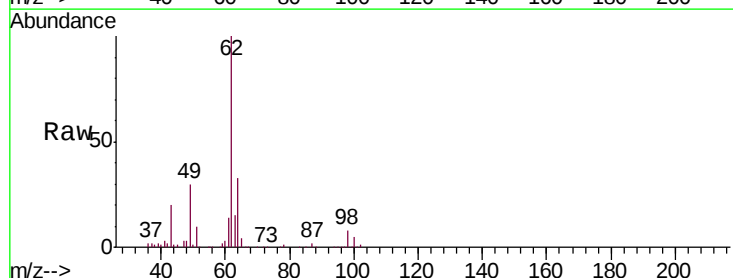
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

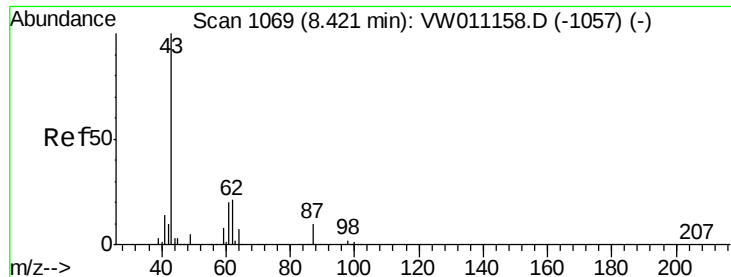
Tgt Ion:	41	Resp:	64142
Ion	Ratio	Lower	Upper
41	100		
39	54.3	48.0	72.0
67	55.5	49.7	74.5
52	26.0	23.4	35.0



#42
1,2-Dichloroethane
Concen: 46.436 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:	62	Resp:	156414
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.8

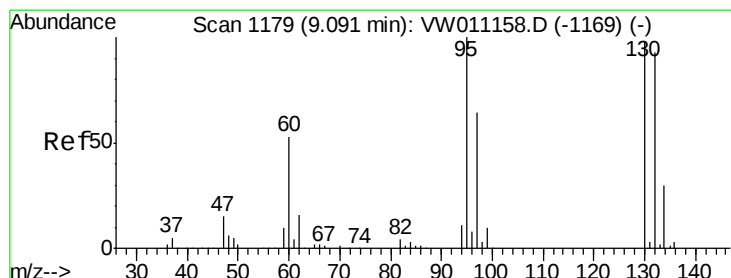
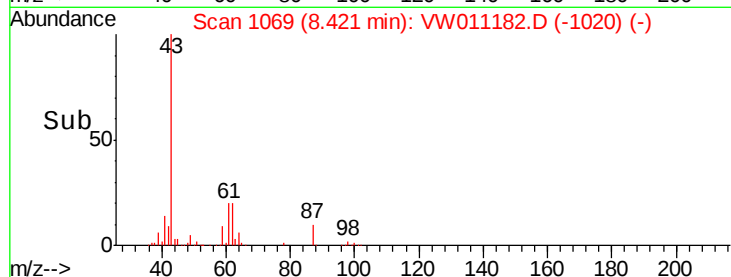
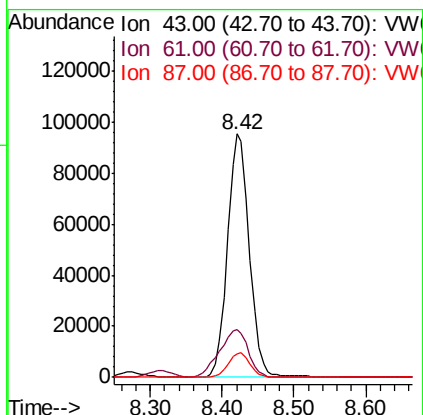
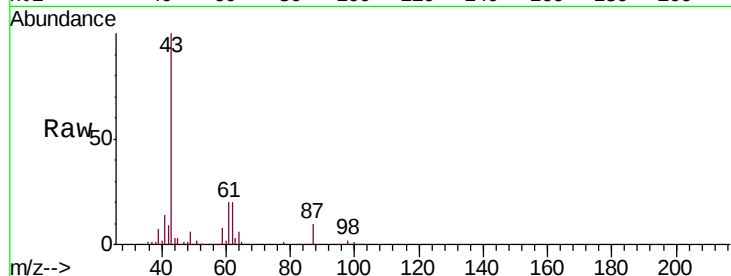




#43
Isopropyl Acetate
Concen: 46.932 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

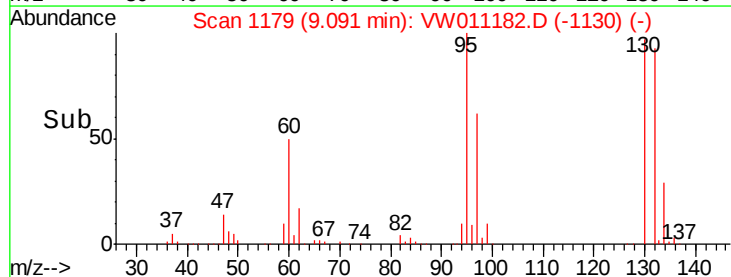
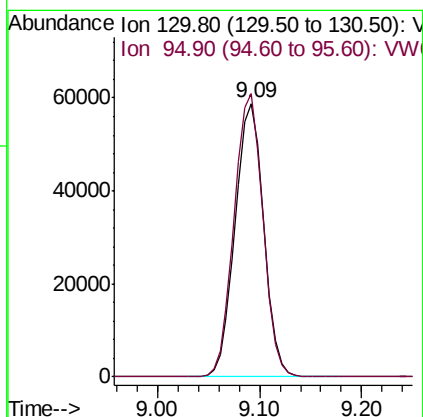
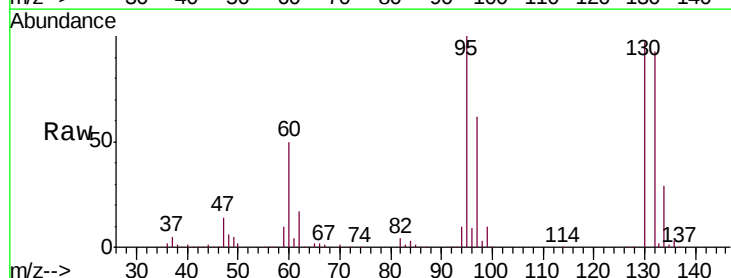
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

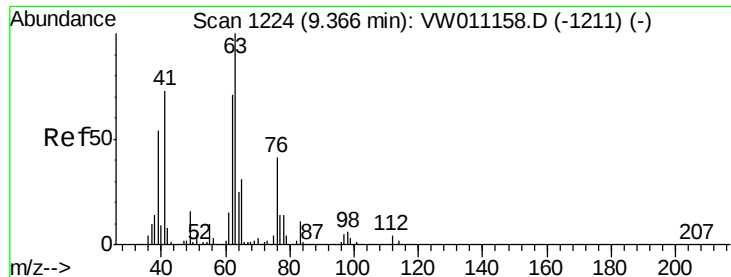
Tgt Ion: 43 Resp: 200029
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 10.2 8.1 12.1



#44
Trichloroethene
Concen: 45.765 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 130 Resp: 114355
Ion Ratio Lower Upper
130 100
95 103.6 0.0 203.6

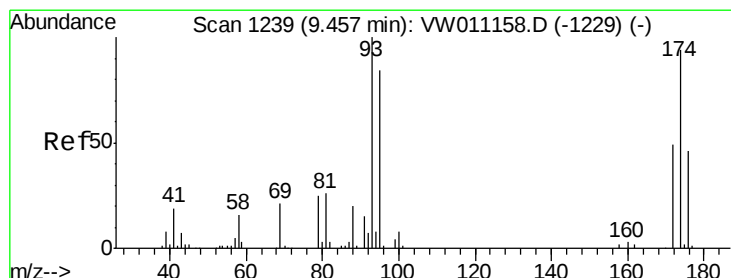
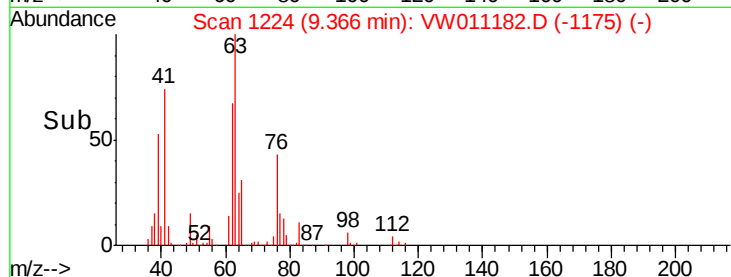
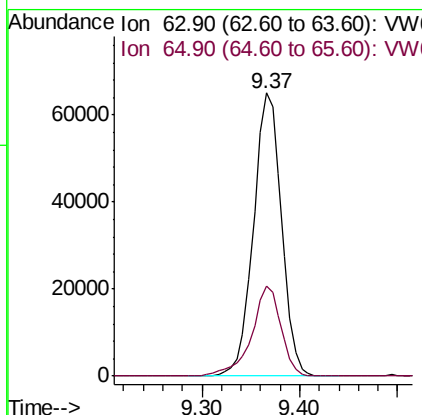
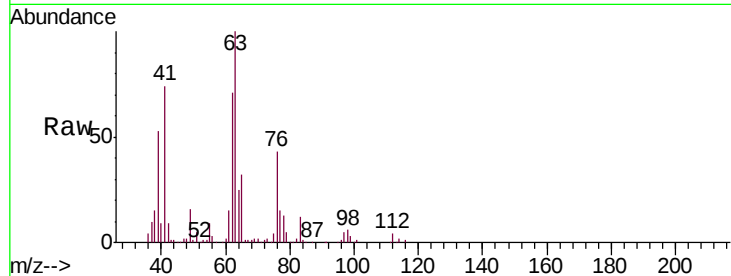




#45
 1,2-Dichloropropane
 Concen: 46.259 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

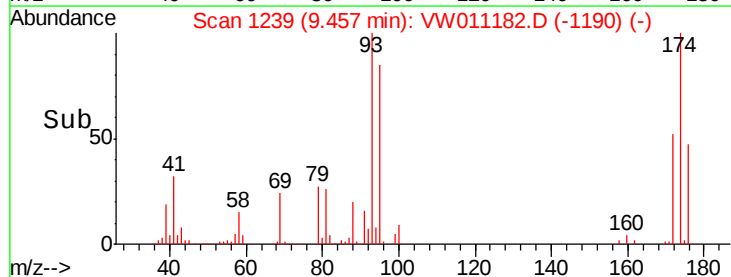
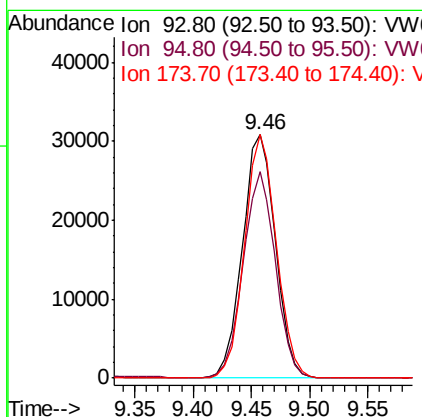
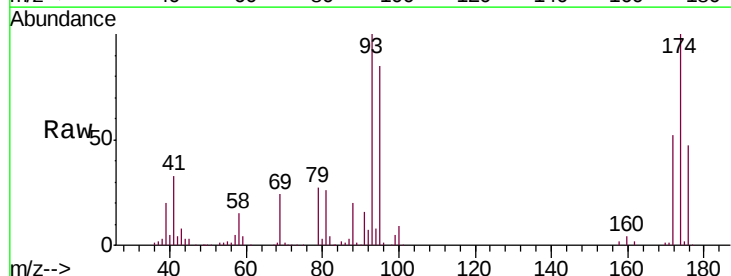
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

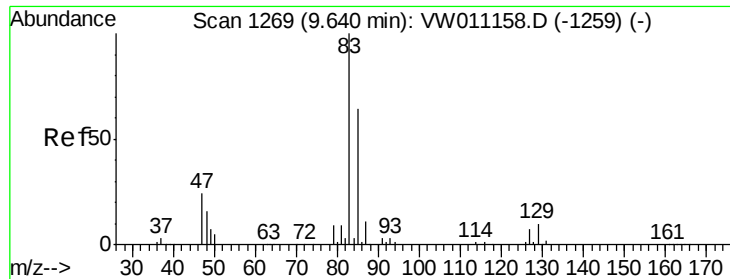
Tgt Ion: 63 Resp: 130073
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 46.176 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 93 Resp: 60993
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.2 100.8
 174 96.4 76.3 114.5

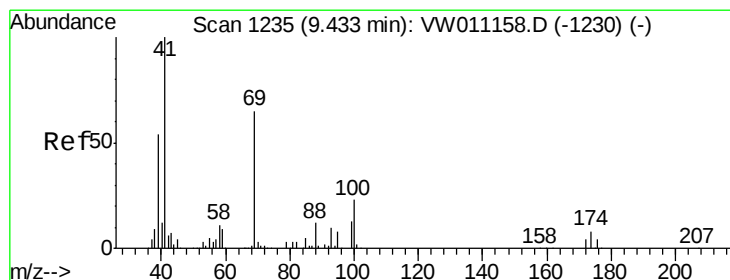
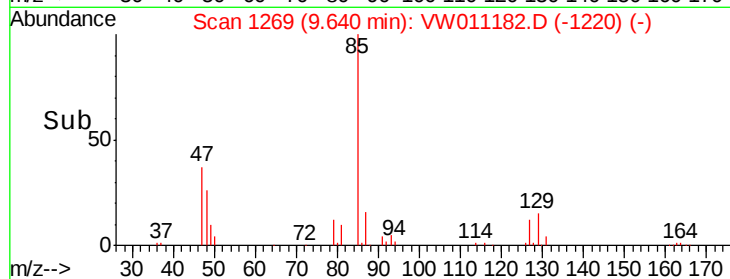
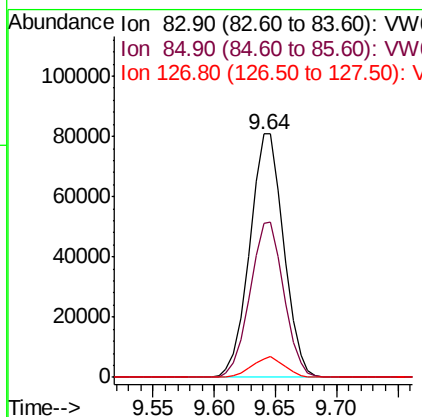
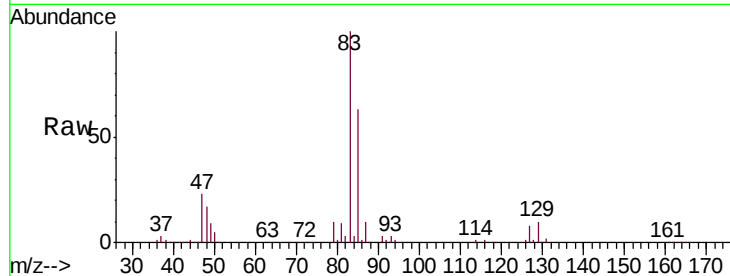




#47
 Bromodichloromethane
 Concen: 46.270 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

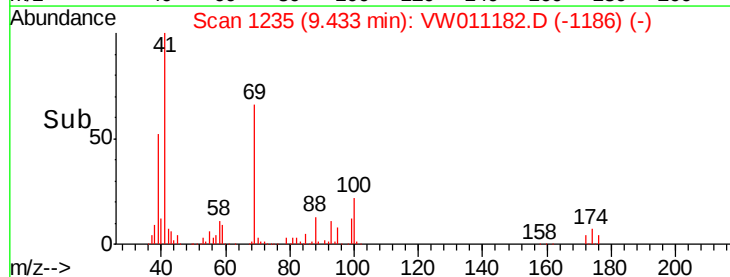
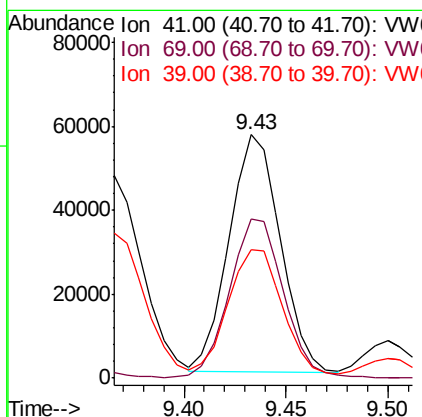
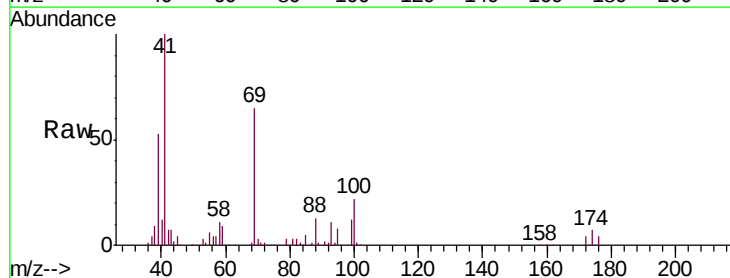
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

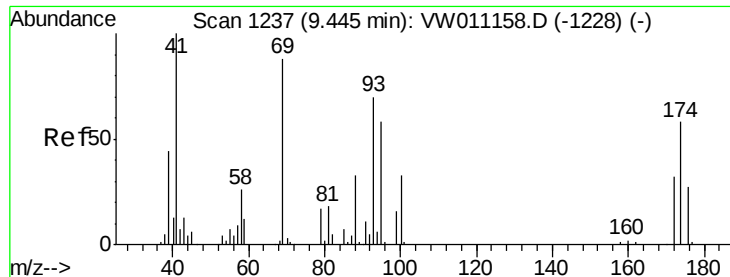
Tgt Ion: 83 Resp: 156378
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.0 76.4
 127 7.8 6.0 9.0



#48
 Methyl methacrylate
 Concen: 48.017 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 41 Resp: 98457
 Ion Ratio Lower Upper
 41 100
 69 71.5 56.0 84.0
 39 54.4 43.5 65.3





#49

1,4-Dioxane

Concen: 942.051 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

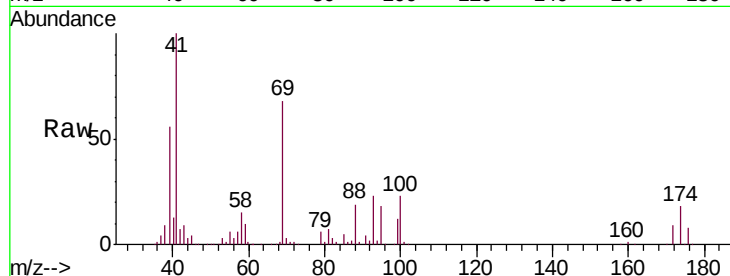
Tgt Ion: 88 Resp: 20770

Ion Ratio Lower Upper

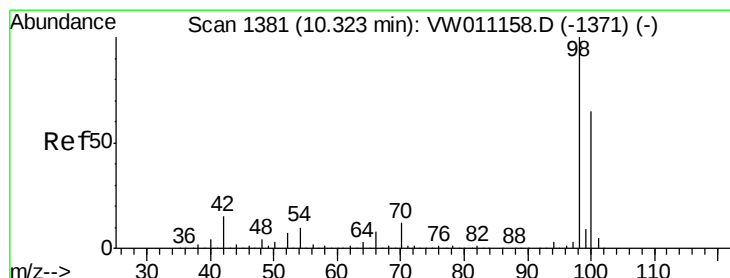
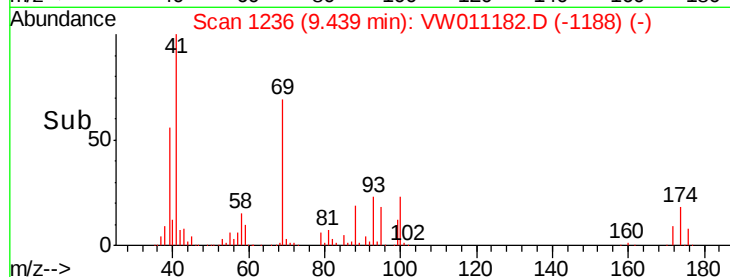
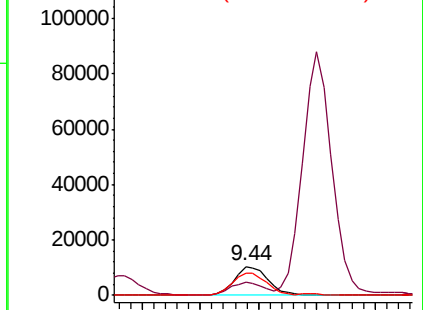
88 100

43 43.7 33.4 50.0

58 81.8 64.5 96.7



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: 50.155 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011182.D

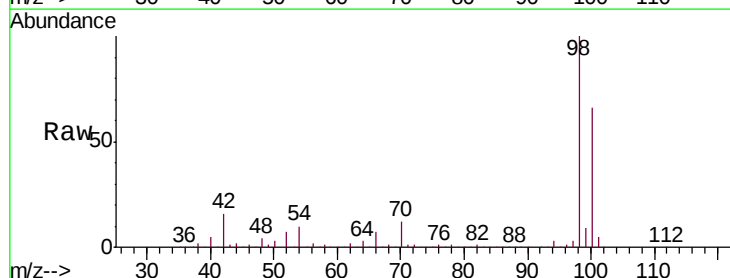
Acq: 09 Jul 2019 17:00

Tgt Ion: 98 Resp: 426352

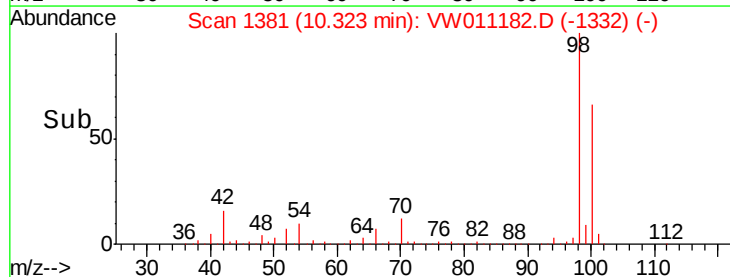
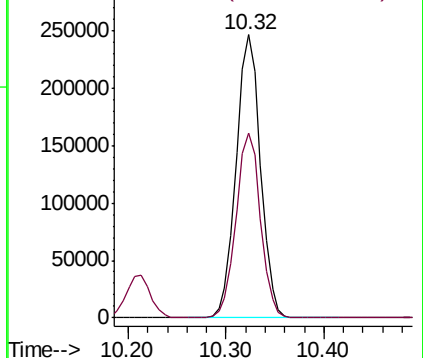
Ion Ratio Lower Upper

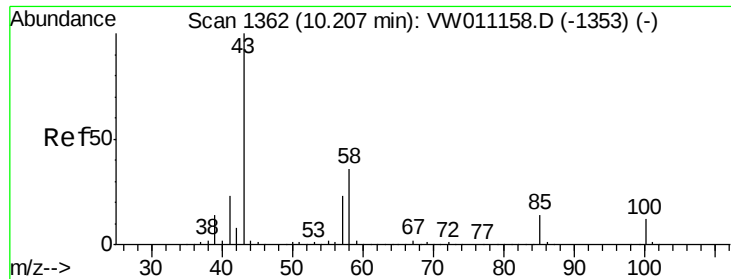
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

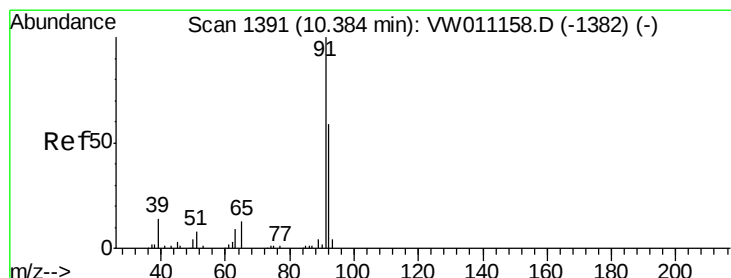
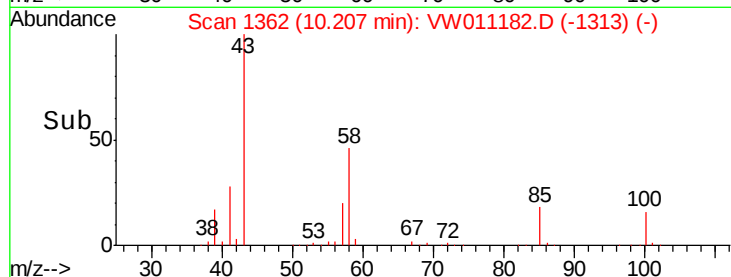
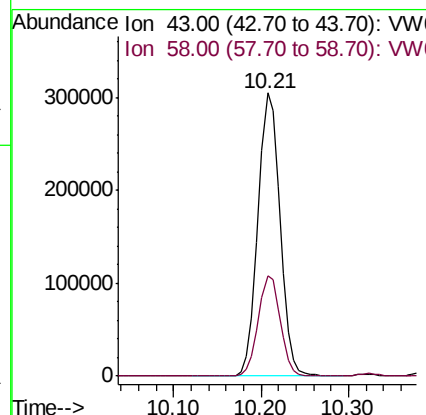
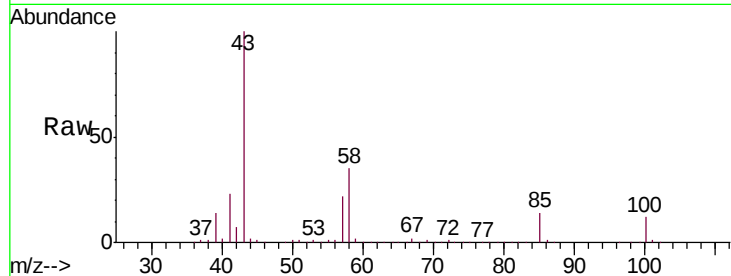




#51
 4-Methyl-2-Pentanone
 Concen: 240.275 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

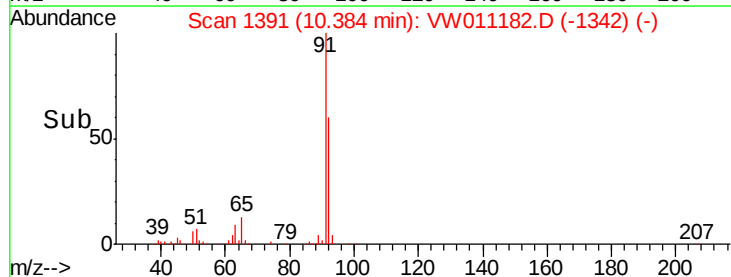
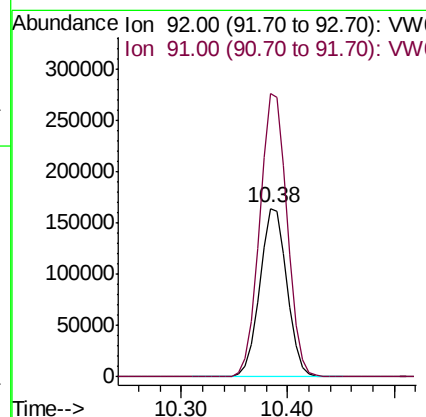
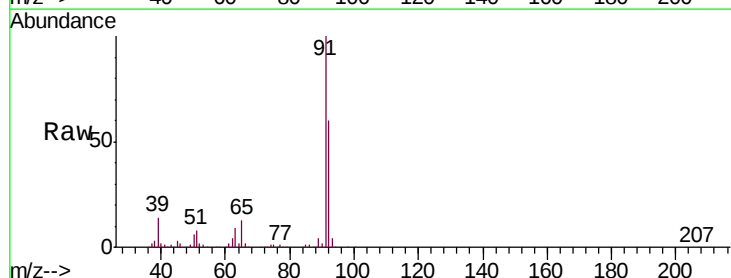
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

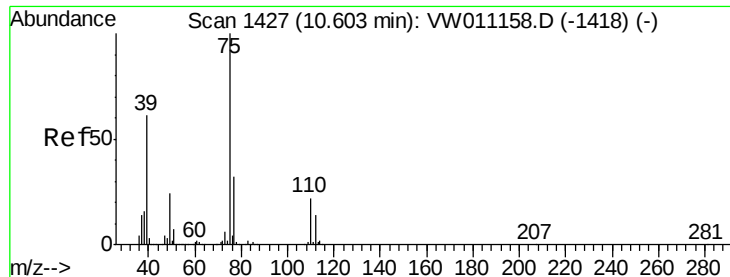
Tgt Ion: 43 Resp: 534948
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.2 42.2



#52
 Toluene
 Concen: 46.482 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 92 Resp: 292786
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 46.039 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

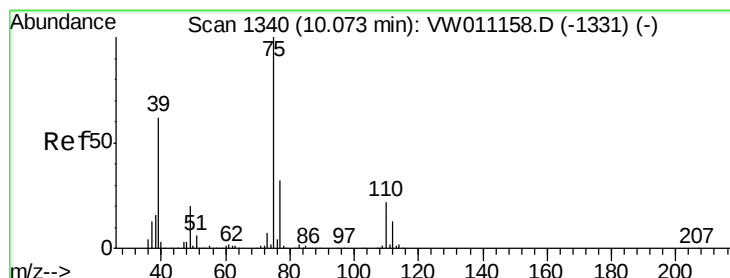
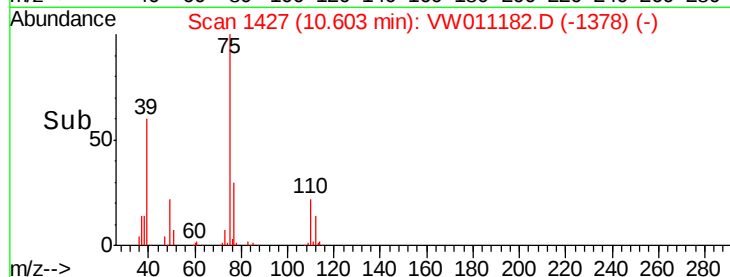
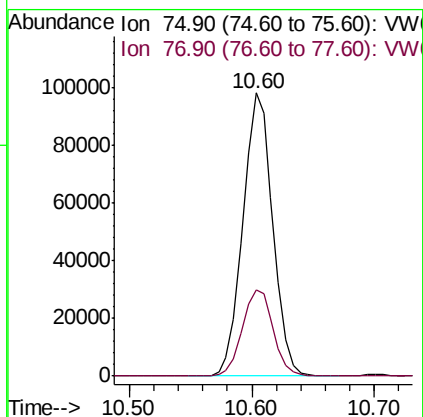
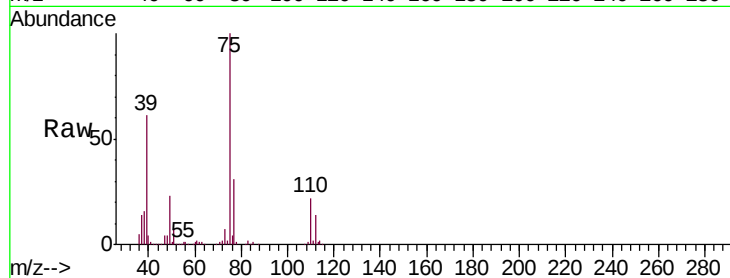
VSTDCCC050EC

Tgt Ion: 75 Resp: 165622

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.518 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

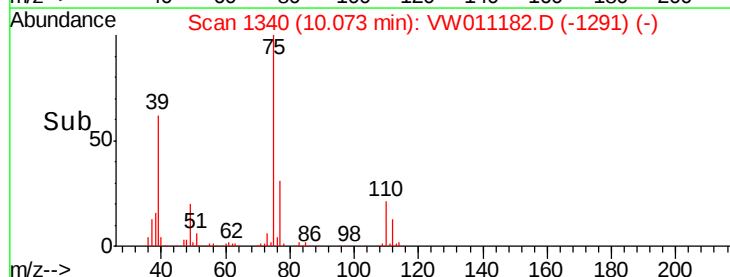
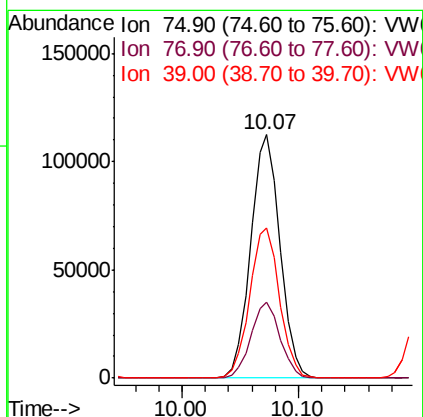
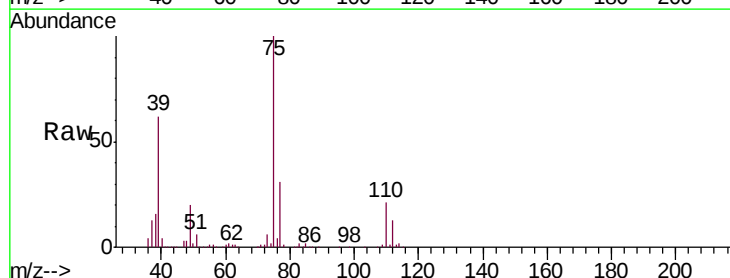
Tgt Ion: 75 Resp: 196974

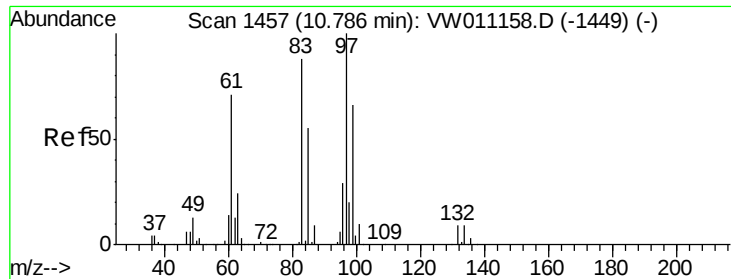
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 61.7 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 46.976 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88027

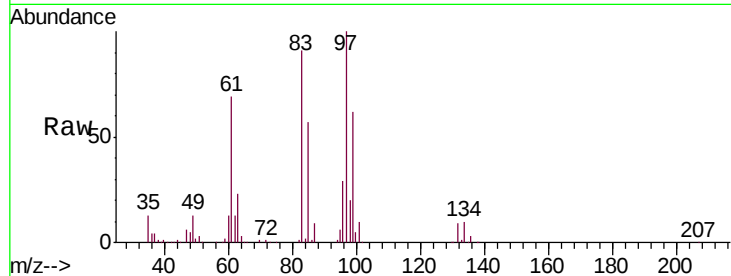
Ion Ratio Lower Upper

97 100

83 91.2 70.2 105.4

85 57.3 44.2 66.2

99 61.5 52.6 79.0



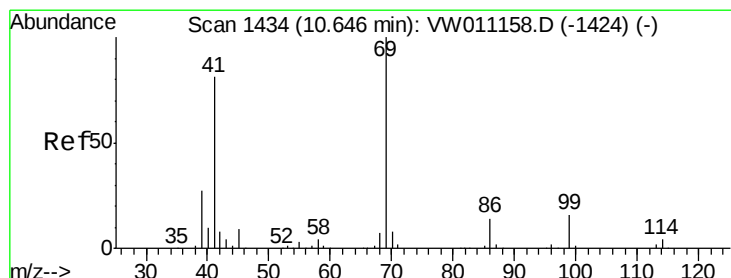
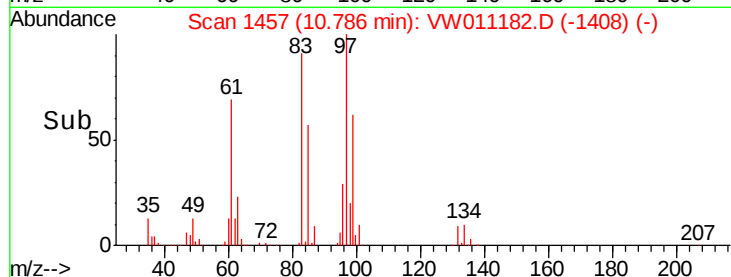
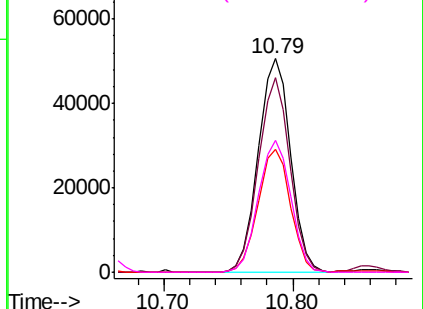
Abundance

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: 48.338 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

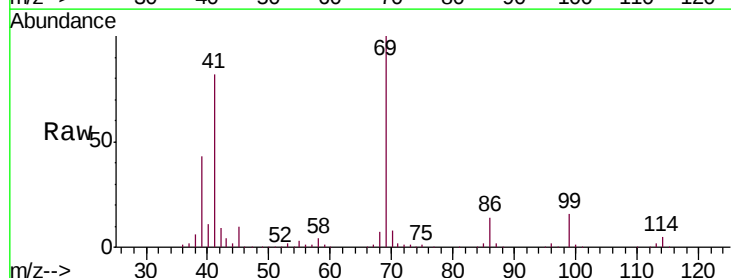
Tgt Ion: 69 Resp: 137905

Ion Ratio Lower Upper

69 100

41 82.8 66.5 99.7

39 40.2 32.5 48.7

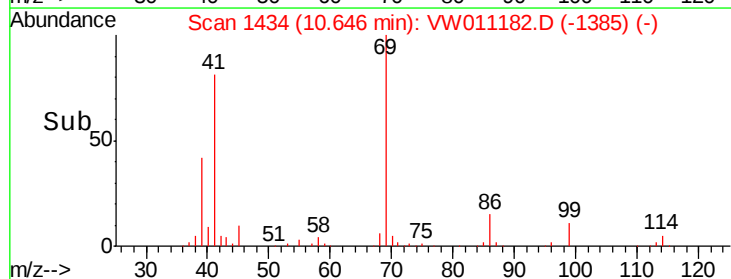
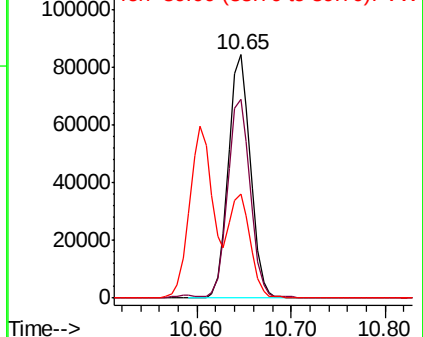


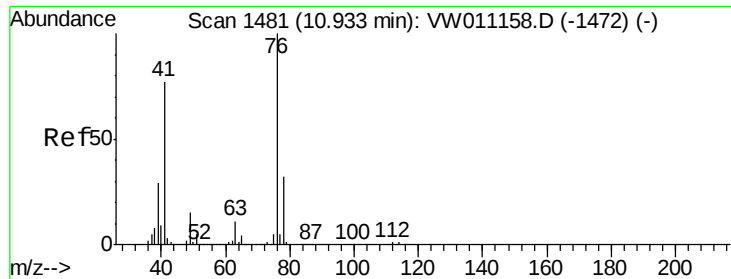
Abundance

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

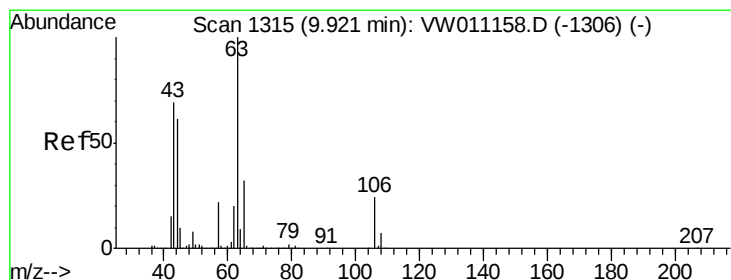
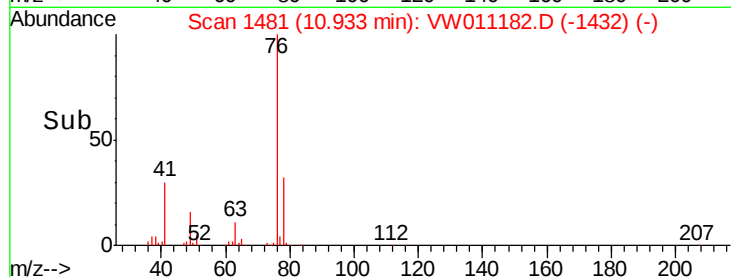
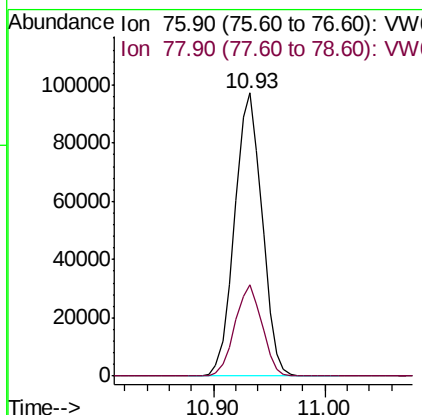
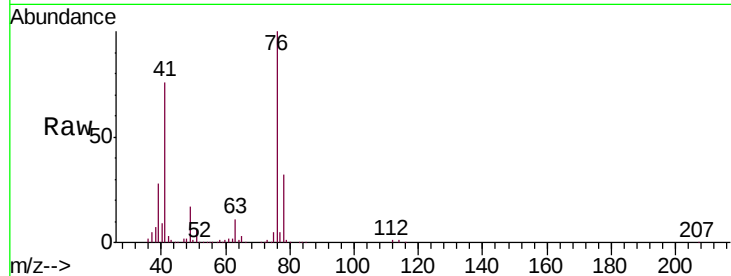




#57
 1,3-Dichloropropane
 Concen: 46.828 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

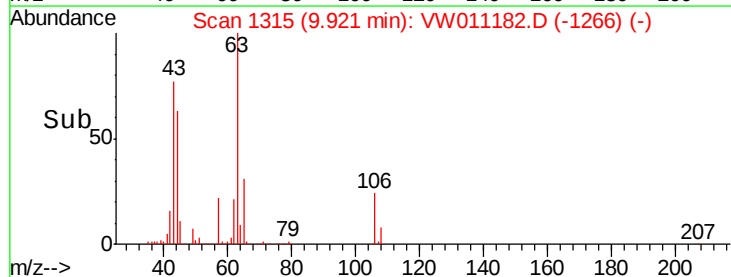
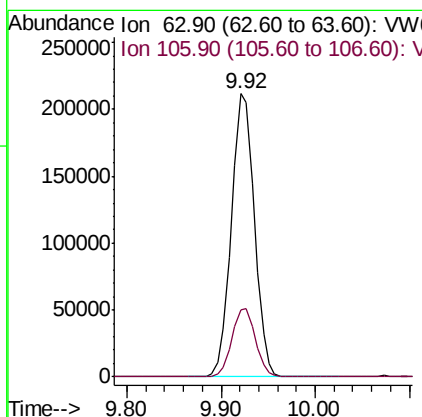
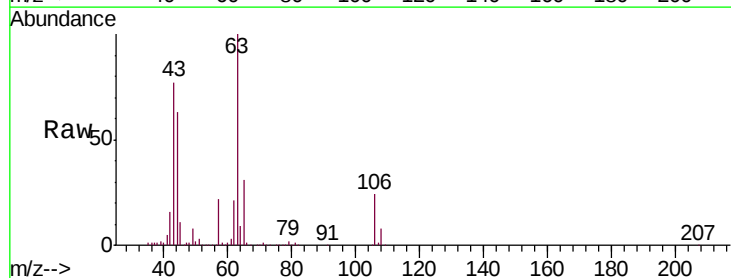
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

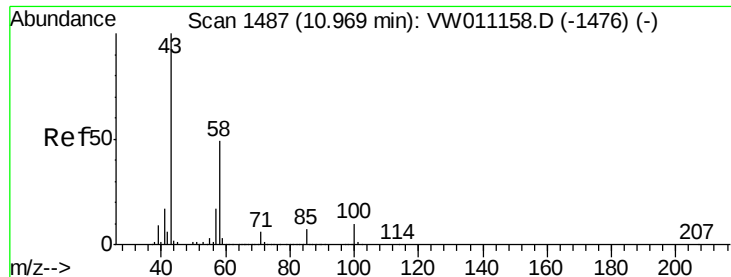
Tgt Ion: 76 Resp: 165934
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.716 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 63 Resp: 360697
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

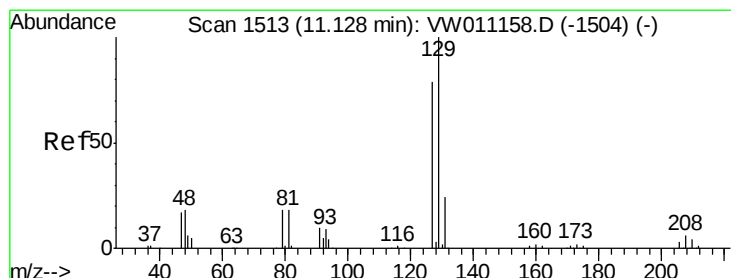
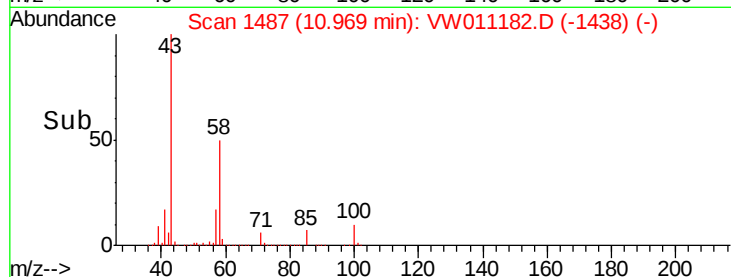
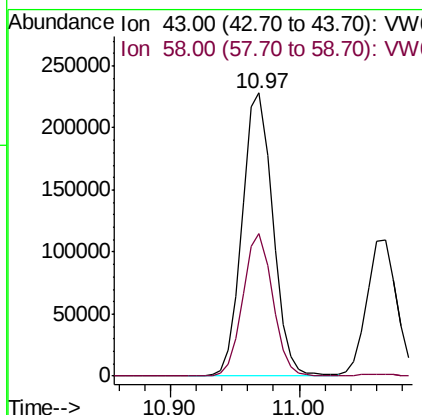
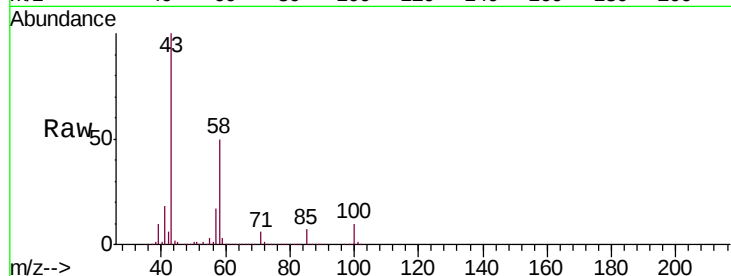




#59
2-Hexanone
Concen: 242.986 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

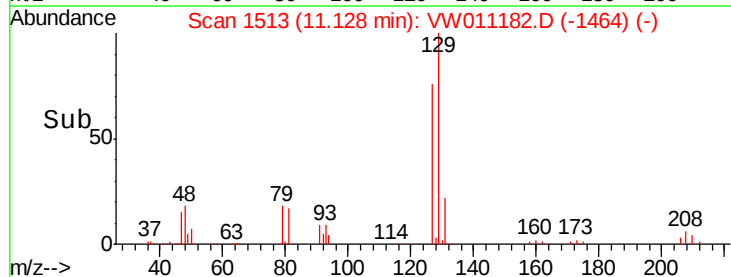
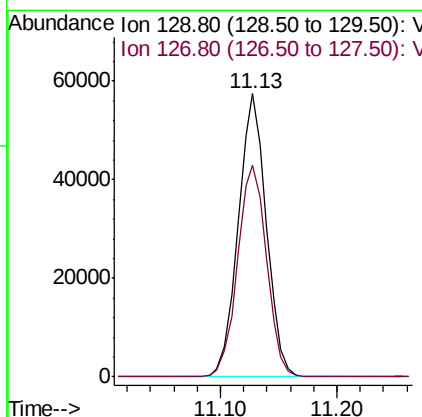
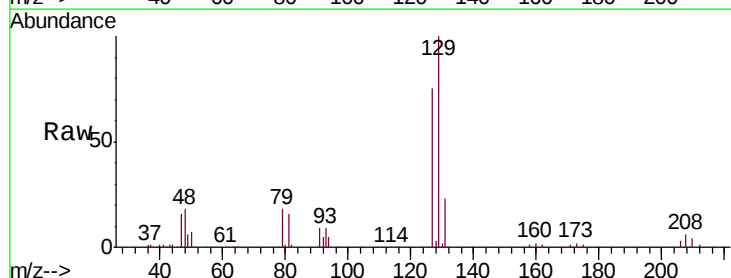
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

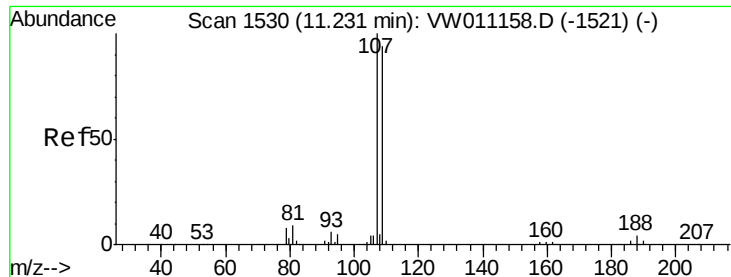
Tgt Ion: 43 Resp: 375172
Ion Ratio Lower Upper
43 100
58 49.1 24.4 73.4



#60
Dibromochloromethane
Concen: 46.923 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 129 Resp: 96419
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

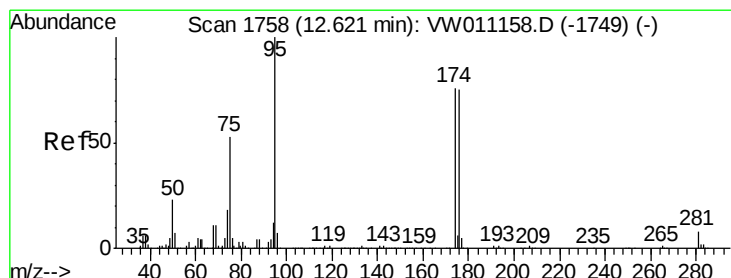
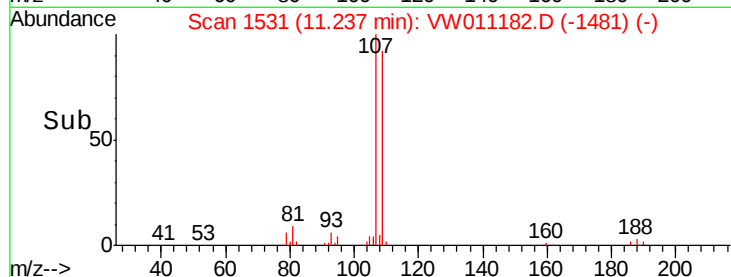
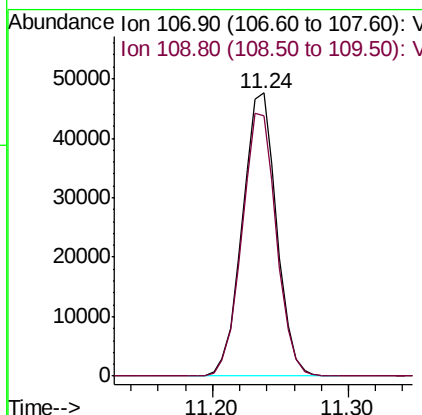
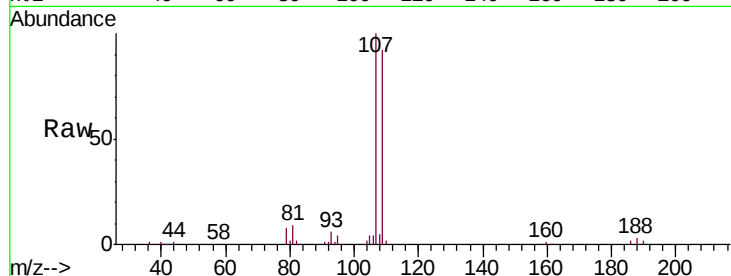




#61
 1,2-Dibromoethane
 Concen: 47.082 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

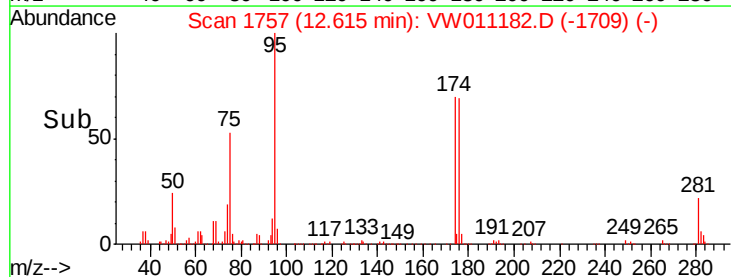
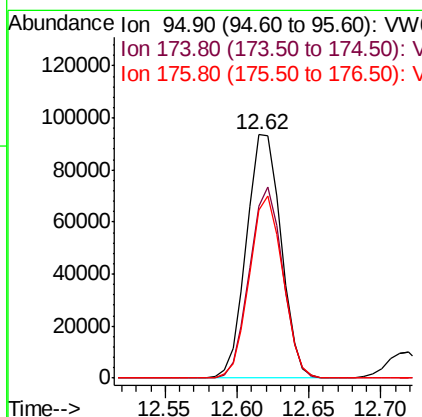
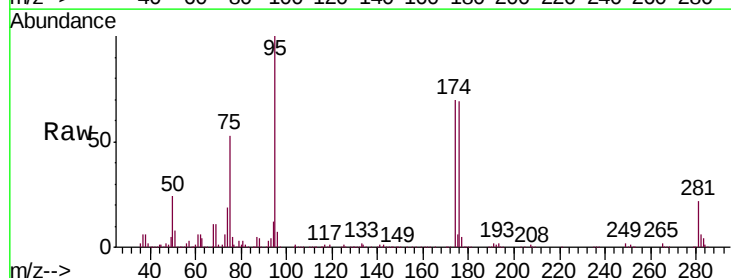
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

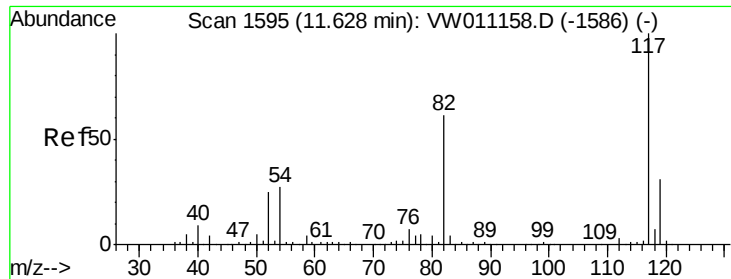
Tgt Ion: 107 Resp: 83570
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.914 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion: 95 Resp: 155522
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.6
 176 72.3 0.0 144.6

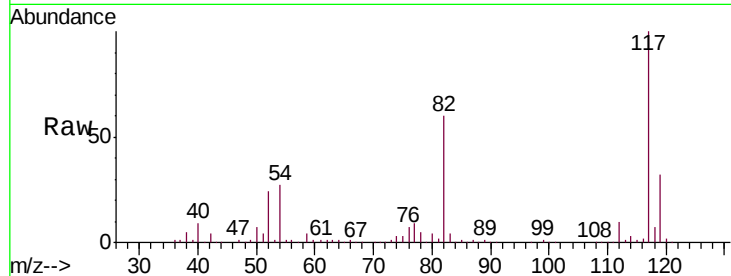




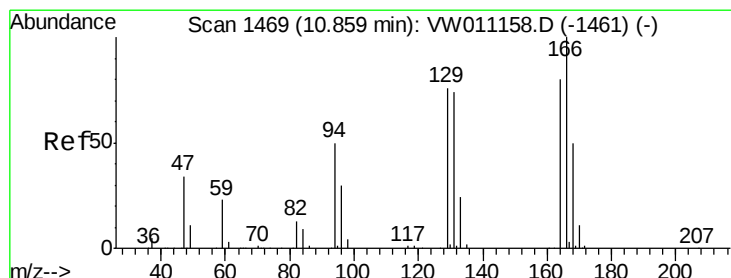
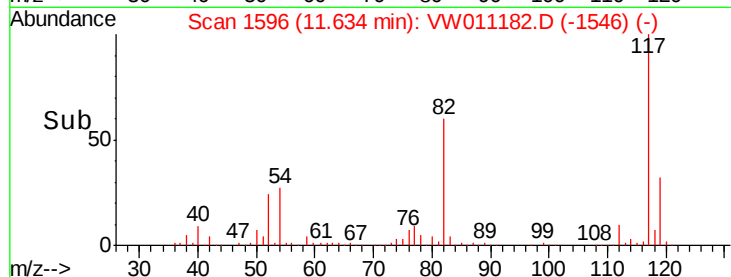
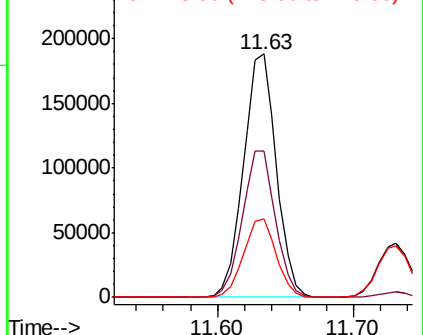
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 316711
Ion Ratio Lower Upper
117 100
82 60.0 48.9 73.3
119 32.0 25.0 37.6

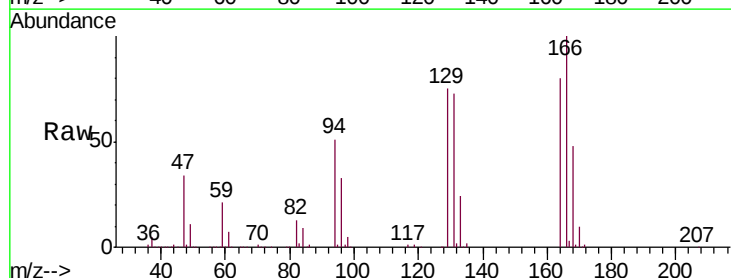


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

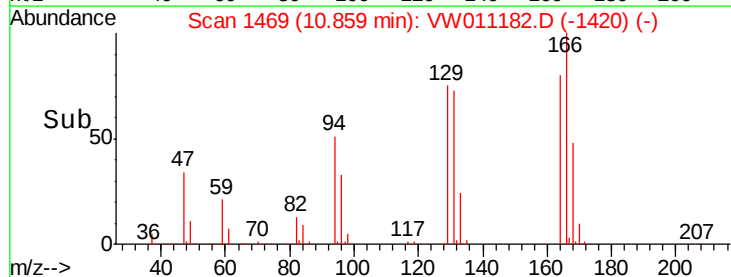
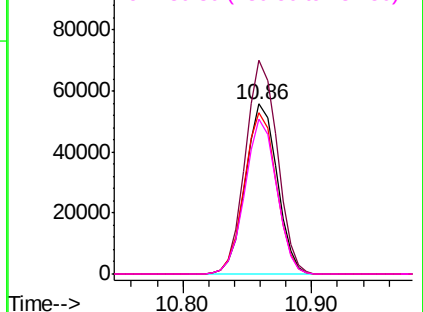


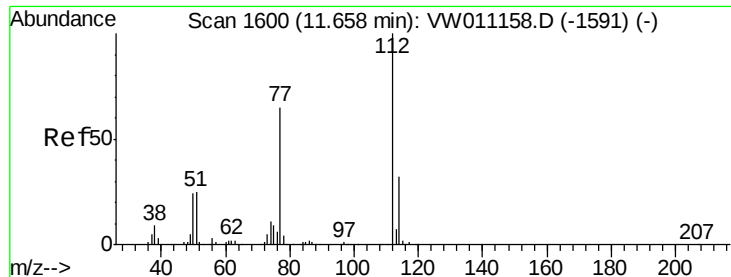
#64
Tetrachloroethene
Concen: 44.386 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:164 Resp: 94858
Ion Ratio Lower Upper
164 100
166 125.7 99.7 149.5
129 94.8 76.2 114.2
131 91.5 74.0 111.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 45.624 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

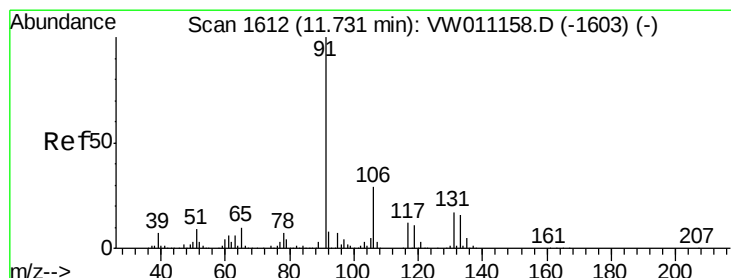
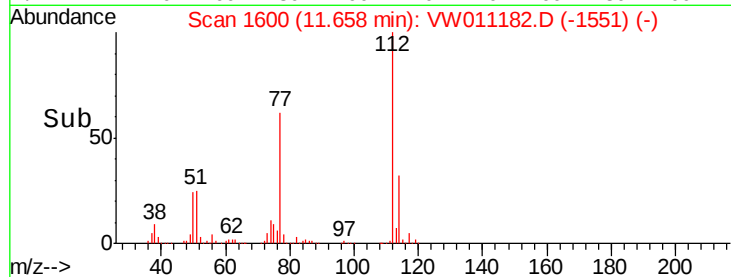
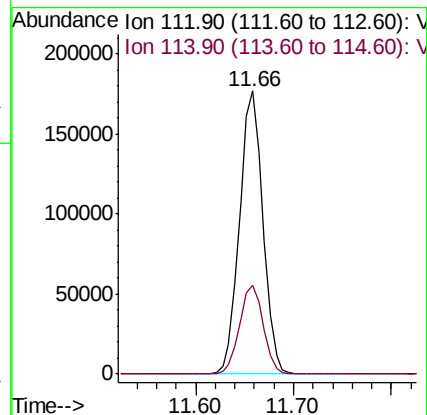
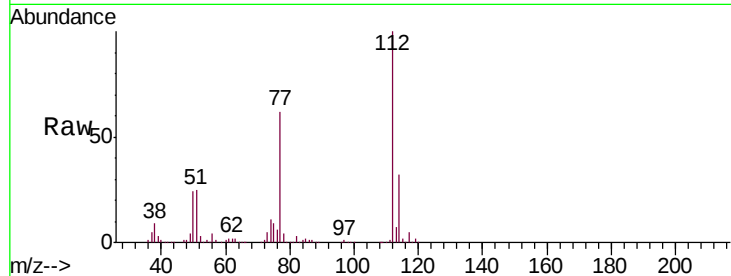
VSTDCCC050EC

Tgt Ion:112 Resp: 293776

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 45.671 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

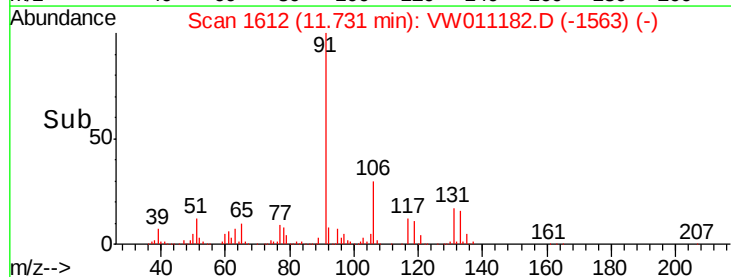
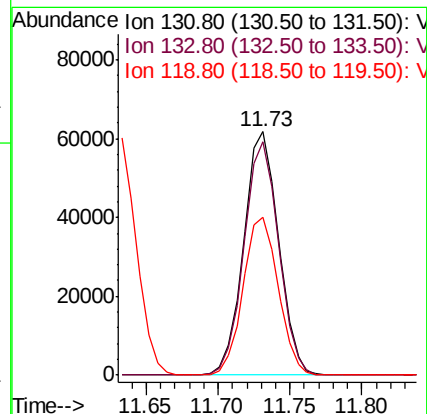
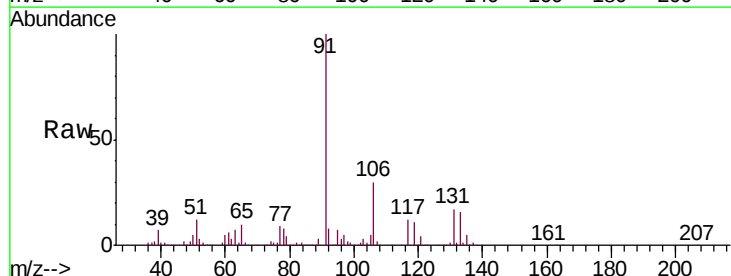
Tgt Ion:131 Resp: 103545

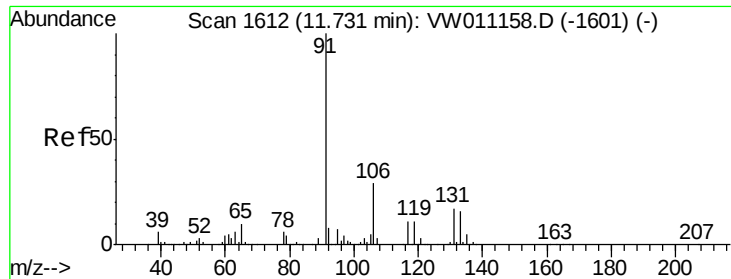
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.8

119 65.5 33.1 99.2

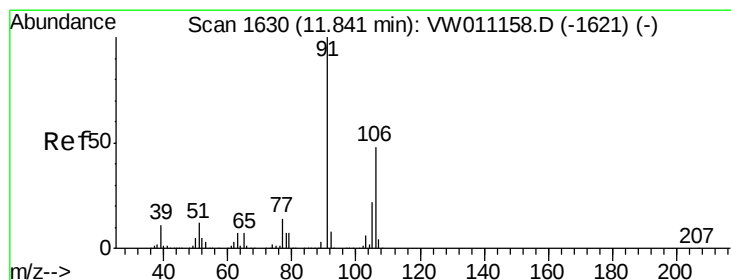
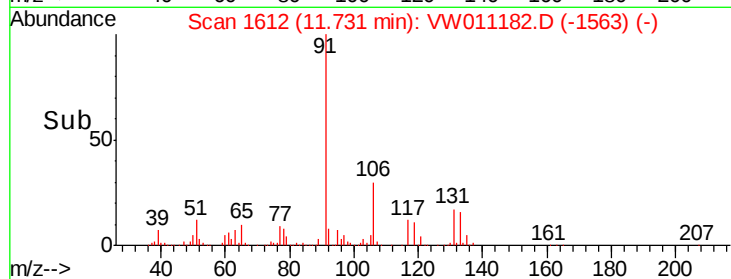
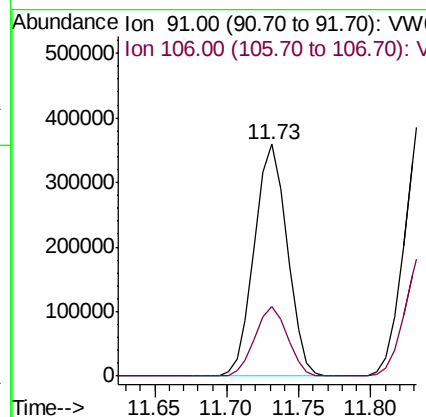
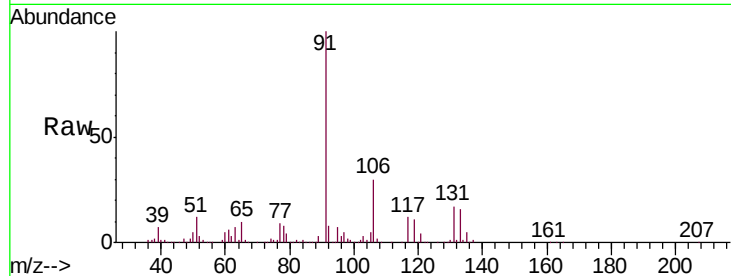




#67
Ethyl Benzene
Concen: 46.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

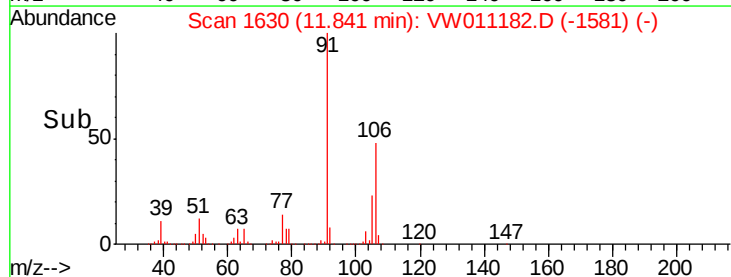
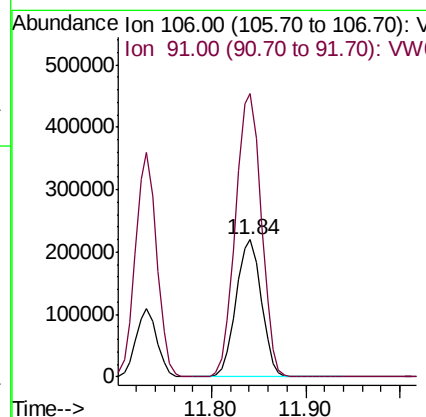
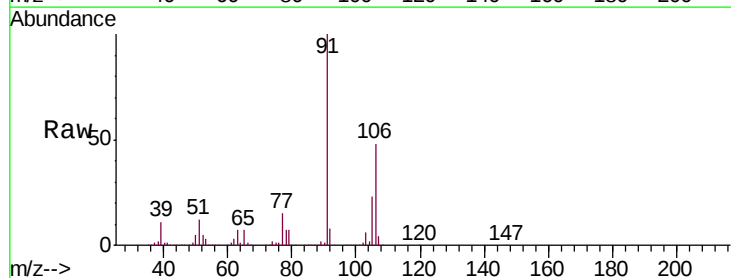
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

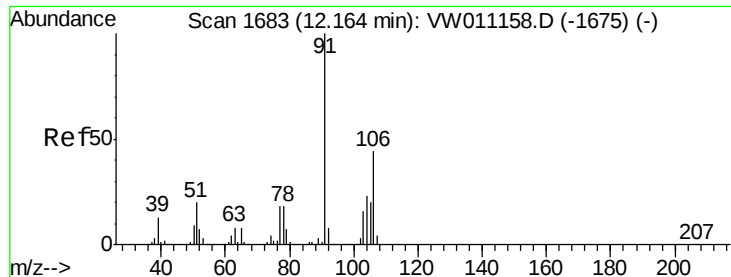
Tgt Ion: 91 Resp: 568186
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3



#68
m/p-Xylenes
Concen: 92.399 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 106 Resp: 412132
Ion Ratio Lower Upper
106 100
91 209.8 167.7 251.5

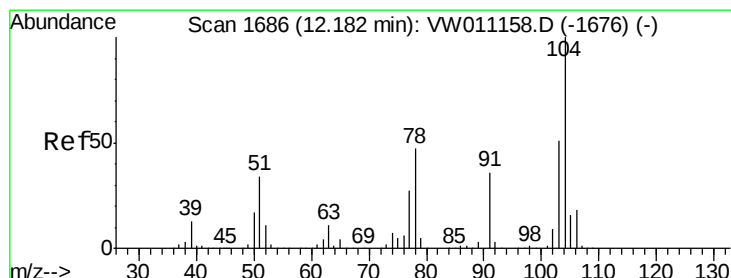
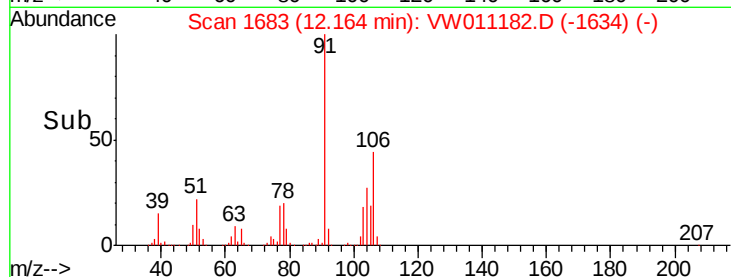
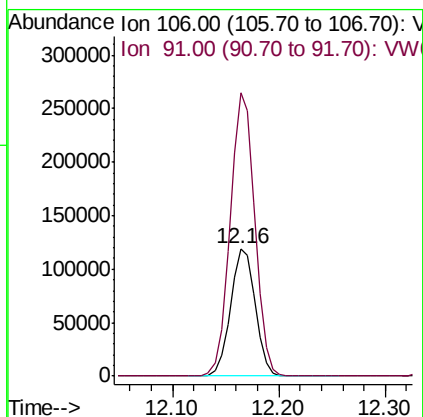
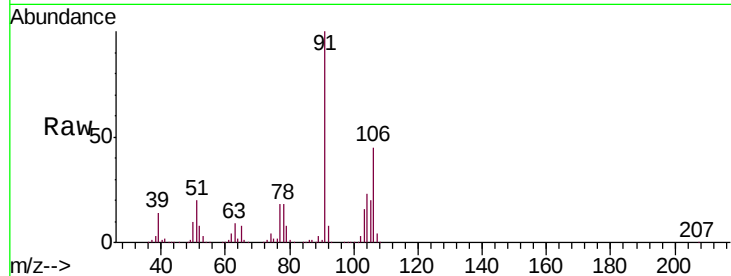




#69
o-Xylene
Concen: 46.108 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

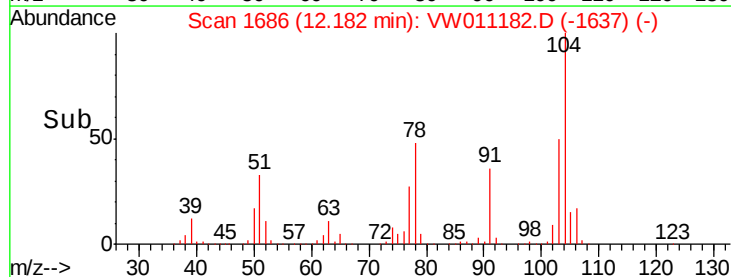
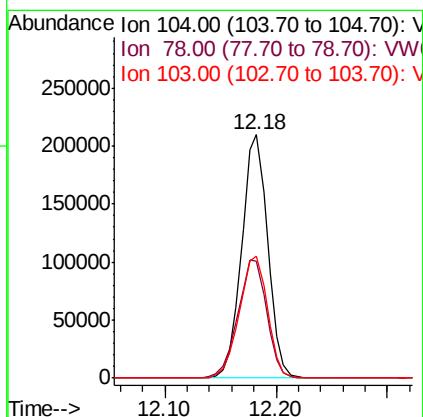
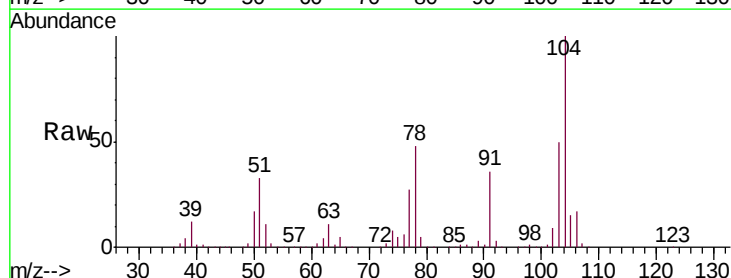
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

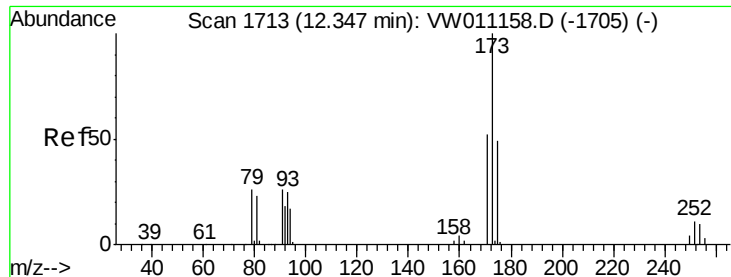
Tgt Ion:106 Resp: 193833
Ion Ratio Lower Upper
106 100
91 221.0 110.7 332.1



#70
Styrene
Concen: 46.821 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:104 Resp: 339700
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 54.3 44.1 66.1

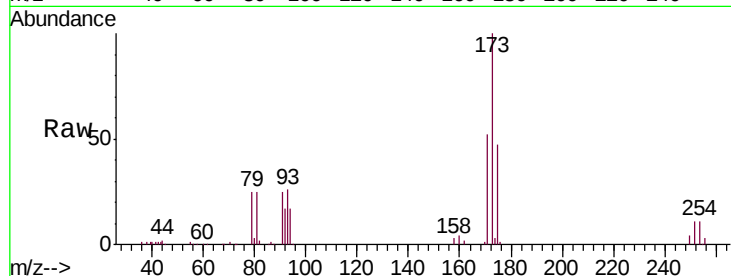




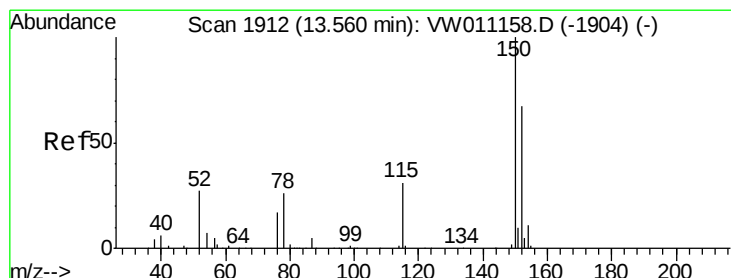
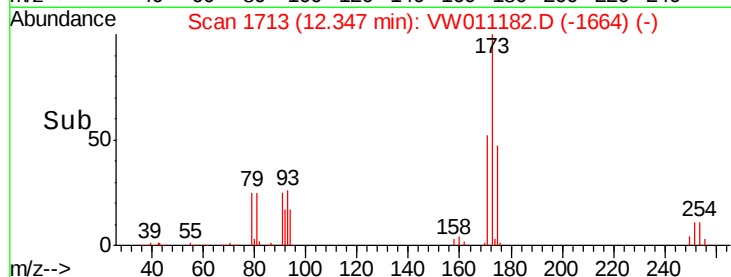
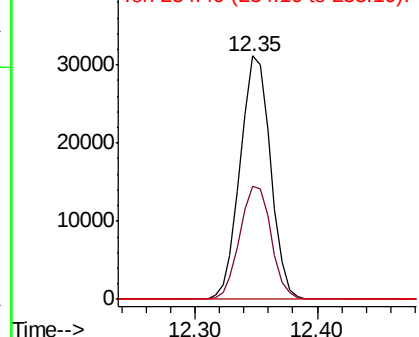
#71
Bromoform
Concen: 44.491 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 53631
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.2 0.0 0.0#

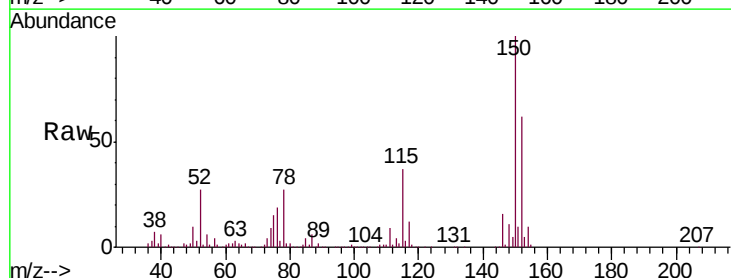


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

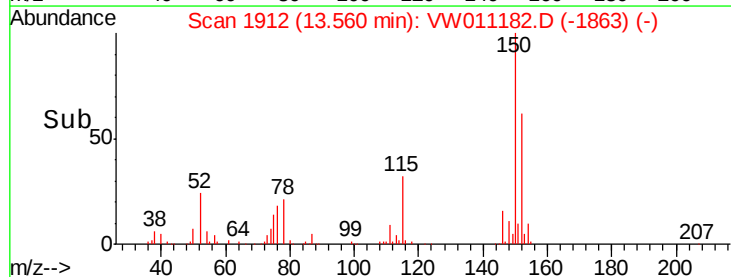
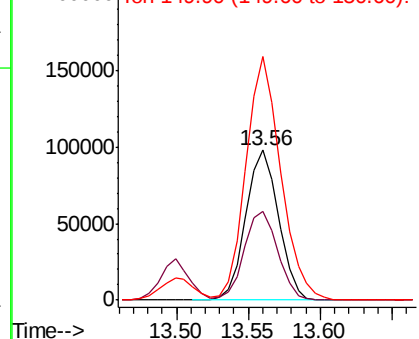


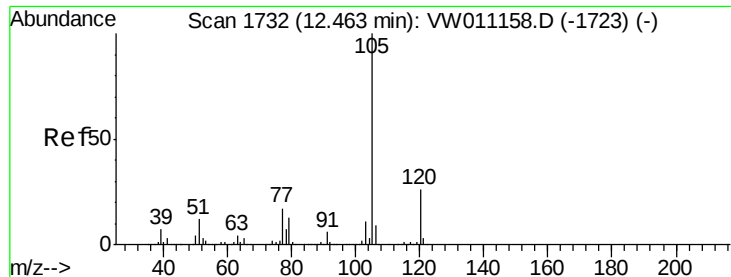
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:152 Resp: 154055
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 173.1 0.0 346.0



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: 46.343 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

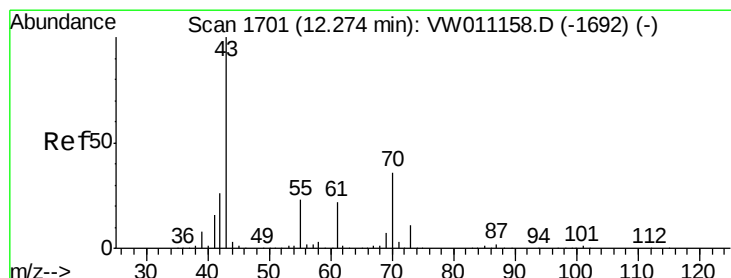
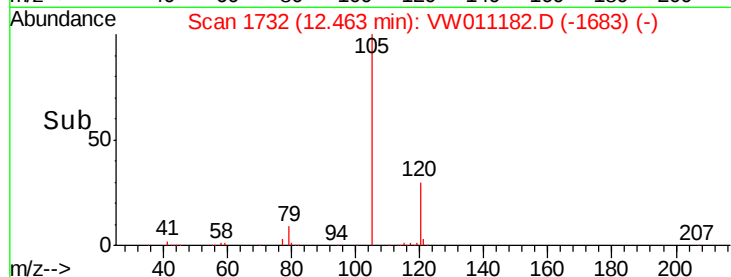
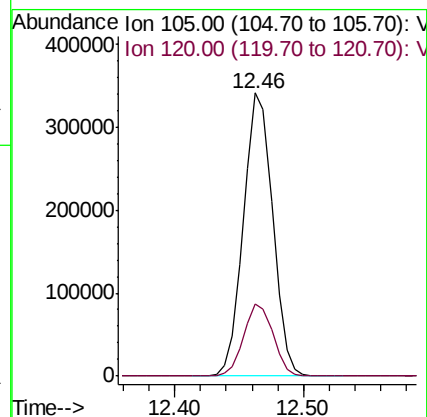
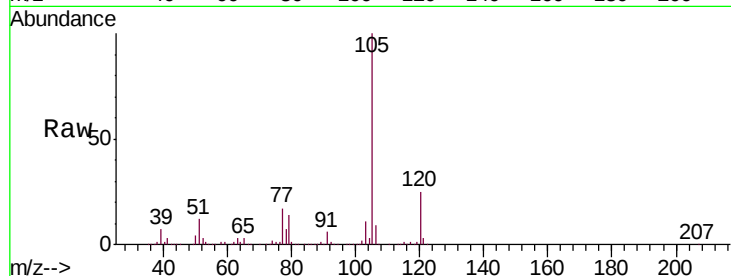
VSTDCCC050EC

Tgt Ion: 105 Resp: 533695

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-amyl acetate

Concen: 47.529 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Tgt Ion: 43 Resp: 190631

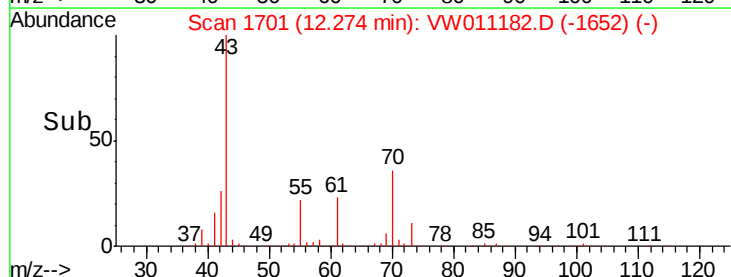
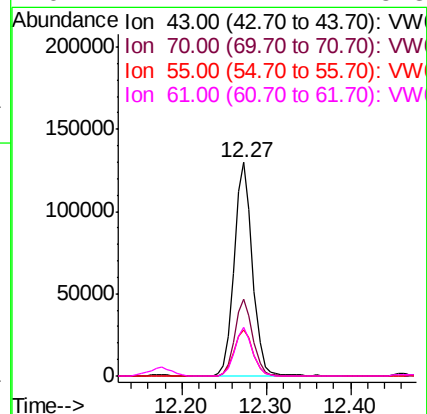
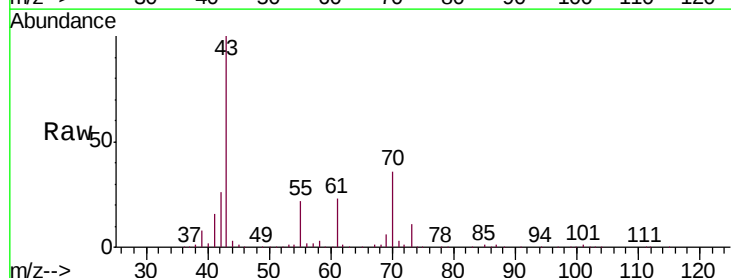
Ion Ratio Lower Upper

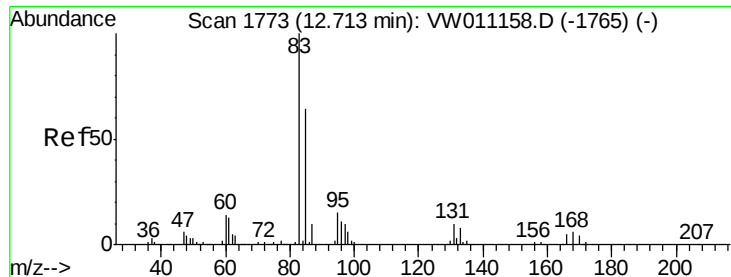
43 100

70 35.5 28.5 42.7

55 22.8 18.1 27.1

61 22.1 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.542 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

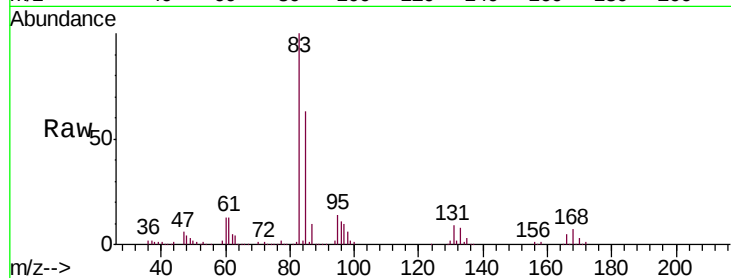
Tgt Ion: 83 Resp: 109870

Ion Ratio Lower Upper

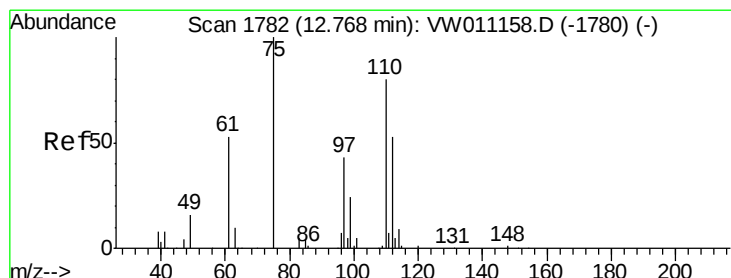
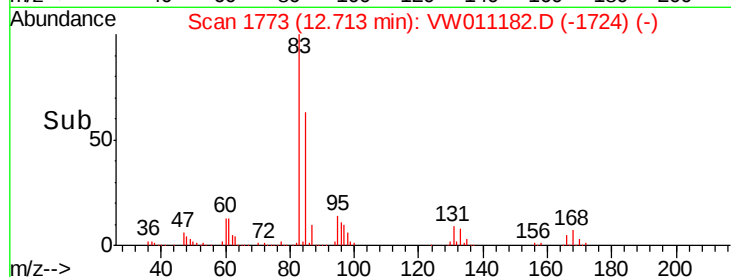
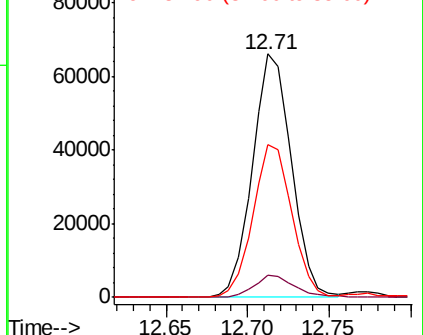
83 100

131 9.5 5.0 15.0

85 62.7 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 80.731 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011182.D

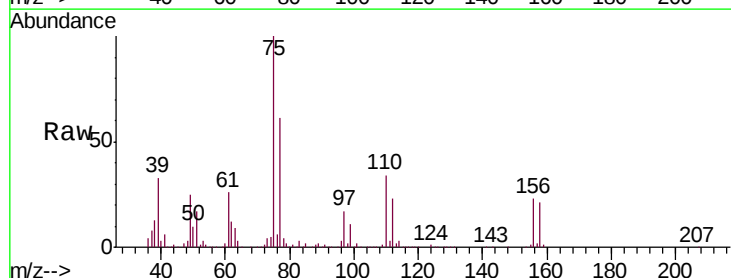
Acq: 09 Jul 2019 17:00

Tgt Ion: 75 Resp: 143726

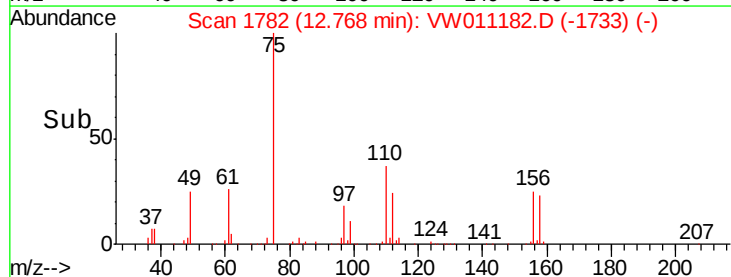
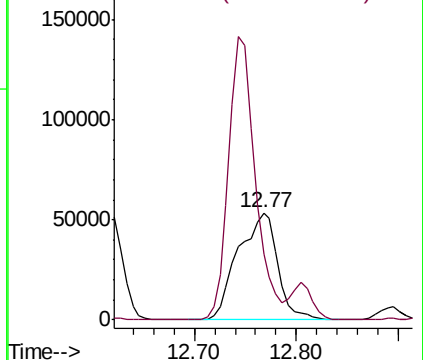
Ion Ratio Lower Upper

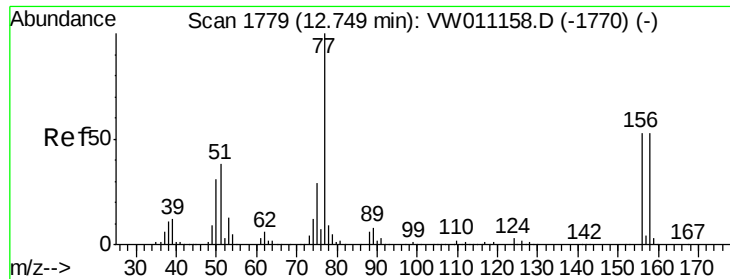
75 100

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: 46.042 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

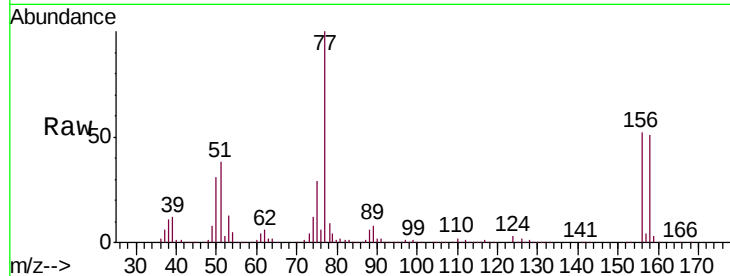
Tgt Ion:156 Resp: 118992

Ion Ratio Lower Upper

156 100

77 215.9 109.0 327.0

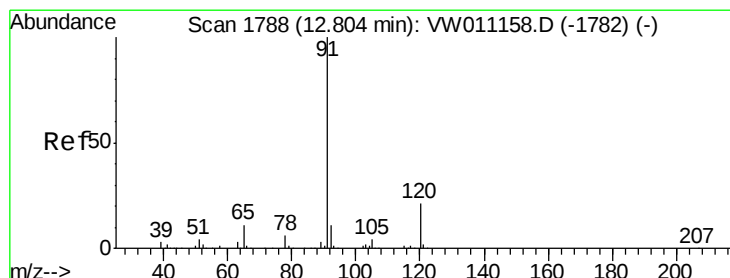
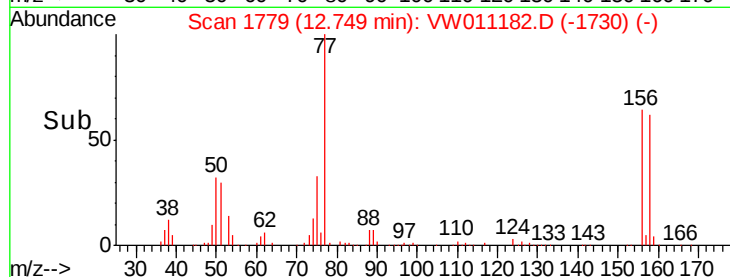
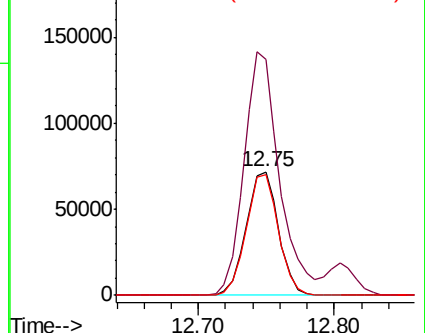
158 97.6 48.8 146.3



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: 46.487 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011182.D

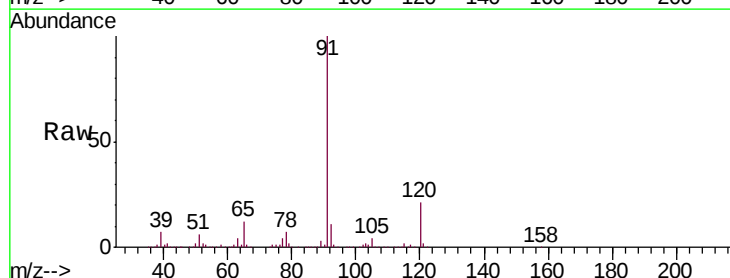
Acq: 09 Jul 2019 17:00

Tgt Ion: 91 Resp: 659474

Ion Ratio Lower Upper

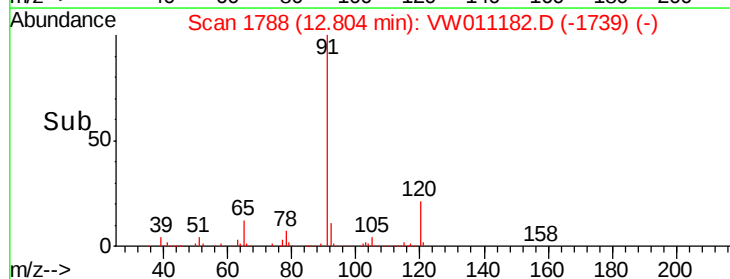
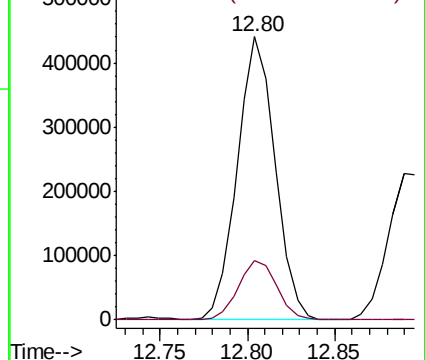
91 100

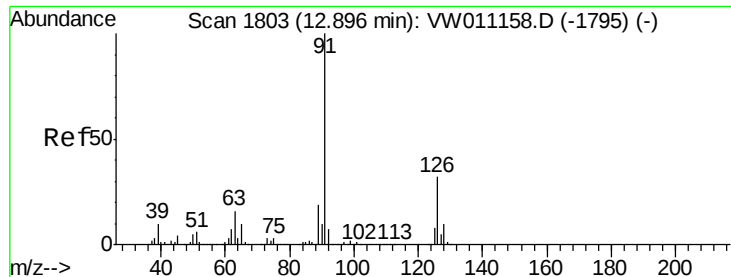
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.071 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

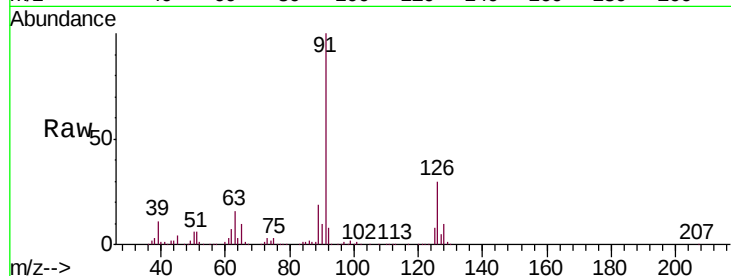
VSTDCCC050EC

Tgt Ion: 91 Resp: 376101

Ion Ratio Lower Upper

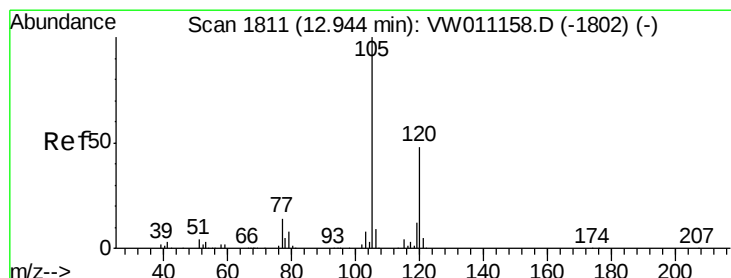
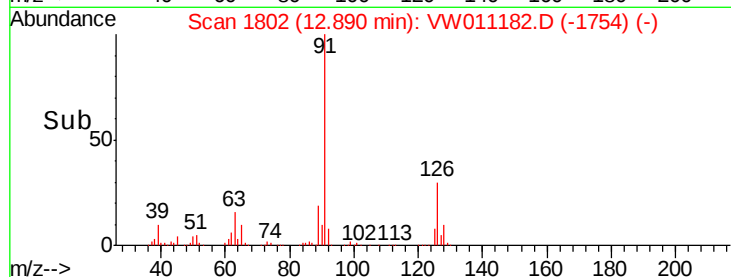
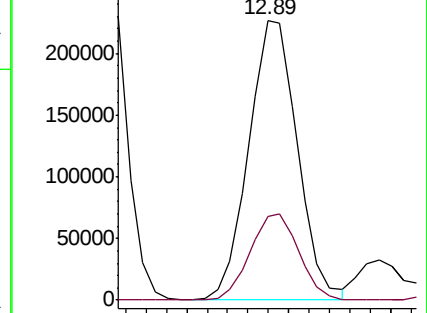
91 100

126 31.0 15.8 47.3



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: 46.507 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011182.D

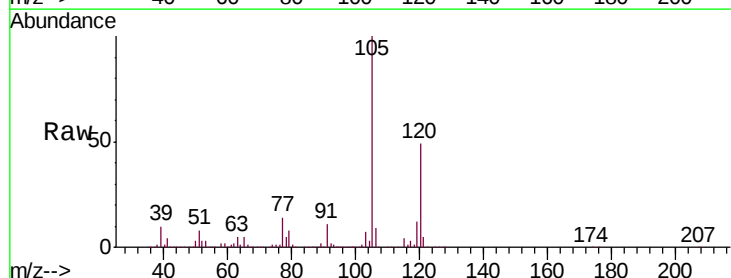
Acq: 09 Jul 2019 17:00

Tgt Ion: 105 Resp: 455011

Ion Ratio Lower Upper

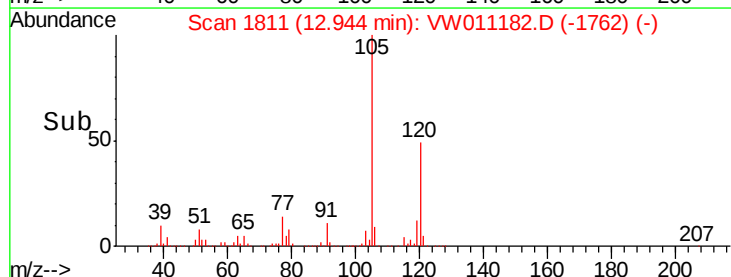
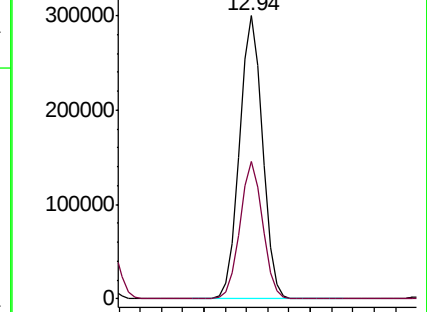
105 100

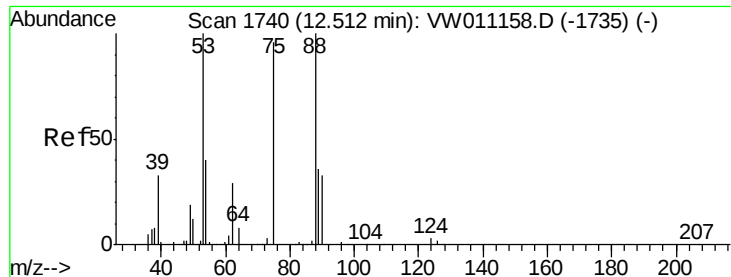
120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

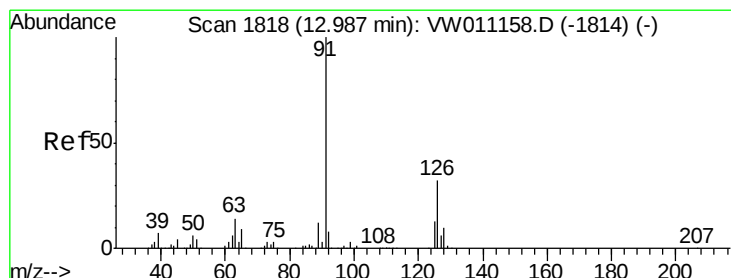
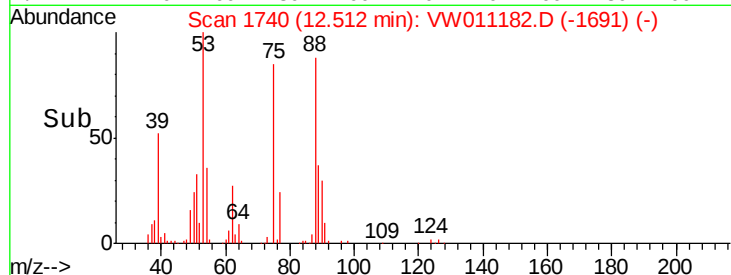
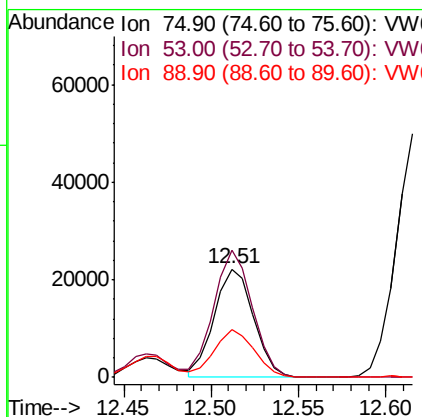
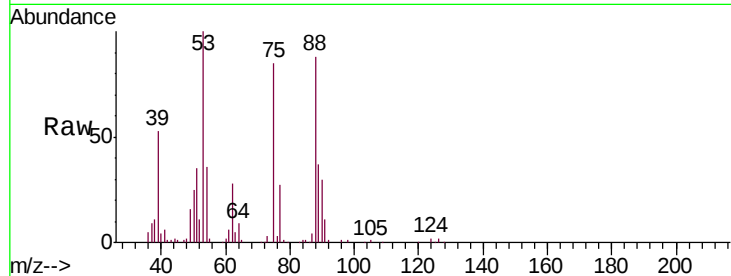




#81
trans-1,4-Dichloro-2-butene
Concen: 43.947 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

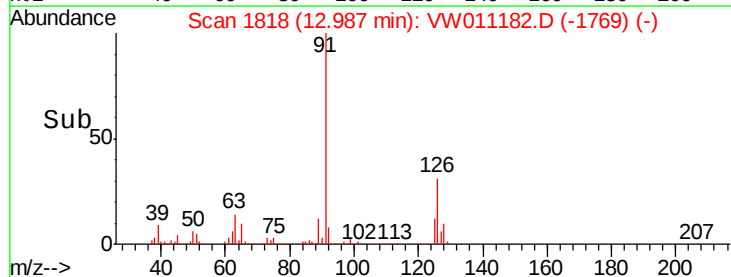
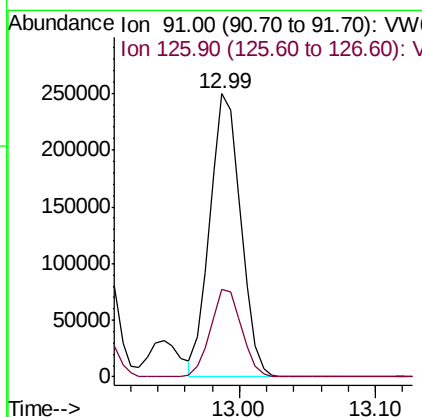
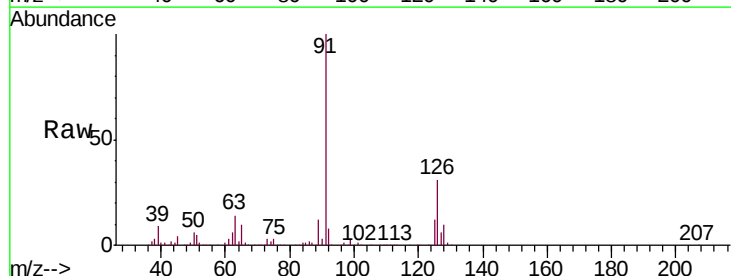
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

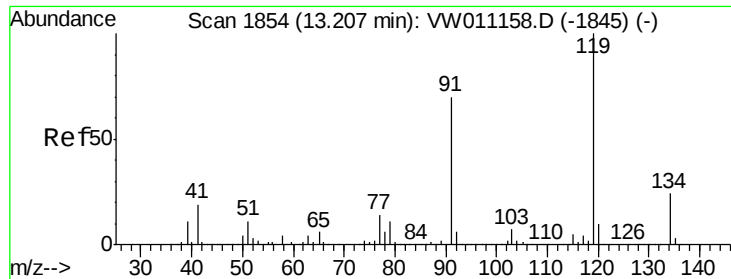
Tgt Ion: 75 Resp: 34591
Ion Ratio Lower Upper
75 100
53 116.4 89.8 134.6
89 44.4 34.3 51.5



#82
4-Chlorotoluene
Concen: 46.126 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion: 91 Resp: 392199
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1

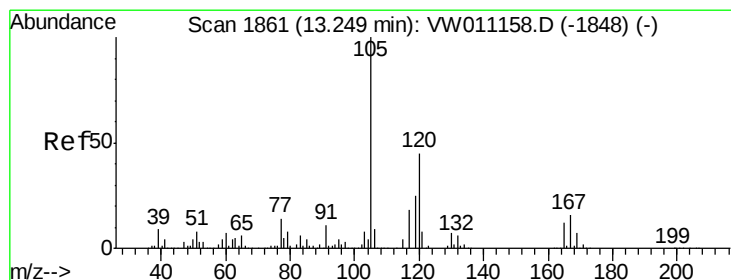
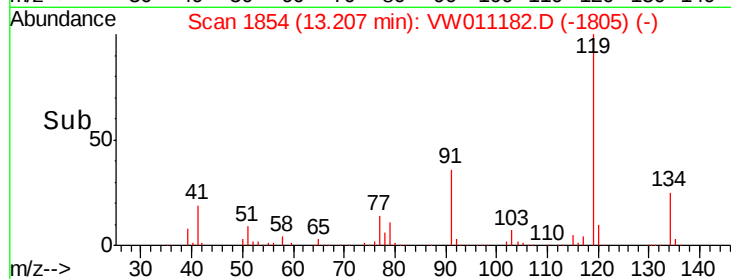
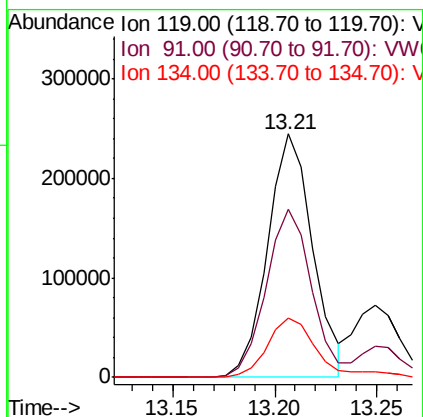
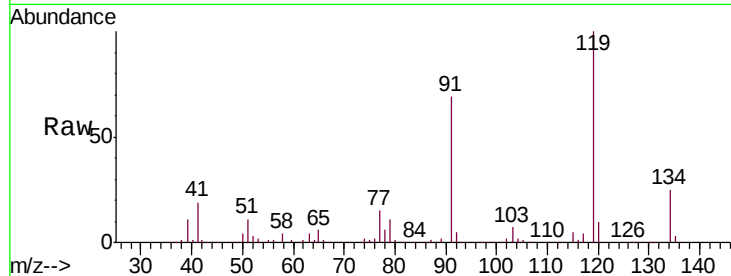




#83
tert-Butylbenzene
Concen: 46.265 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

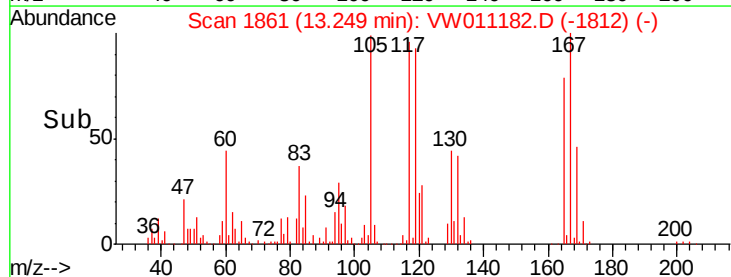
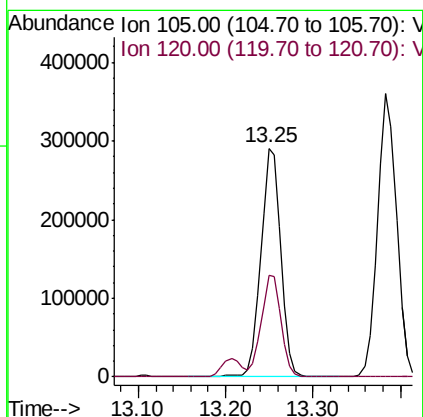
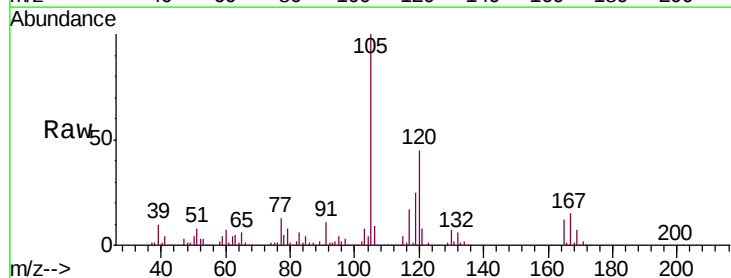
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

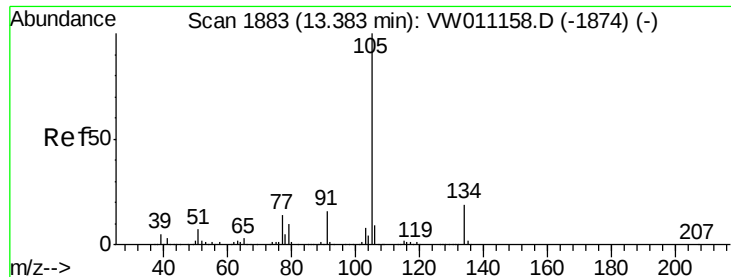
Tgt Ion:119 Resp: 377499
Ion Ratio Lower Upper
119 100
91 70.4 35.4 106.3
134 27.1 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 46.989 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:105 Resp: 461616
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.9

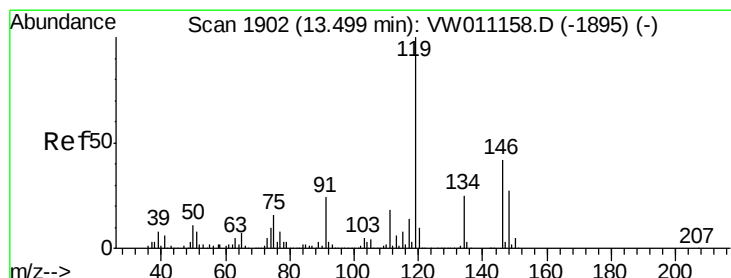
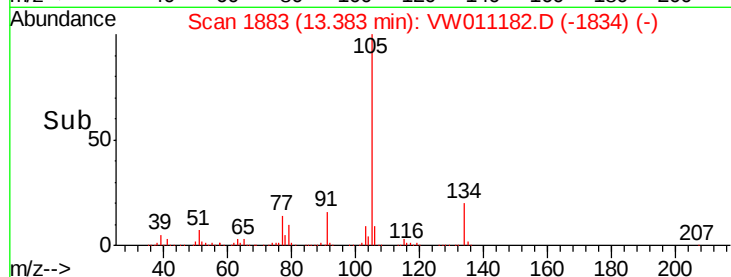
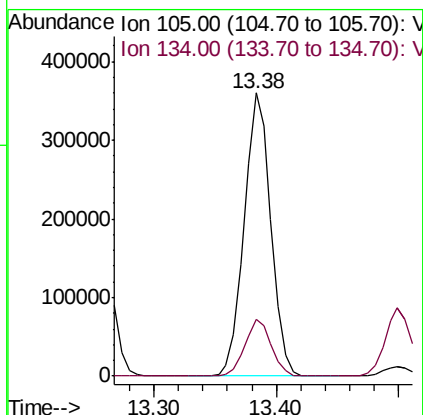
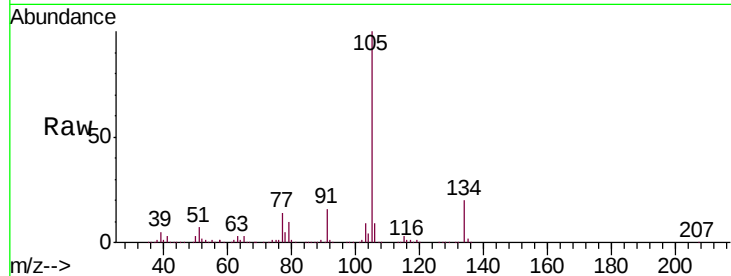




#85
 sec-Butylbenzene
 Concen: 46.132 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

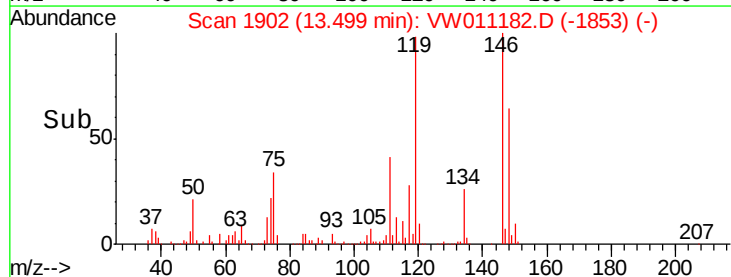
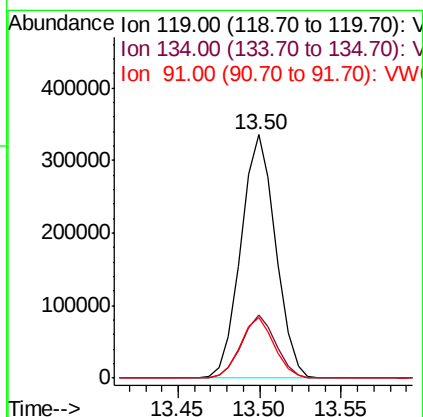
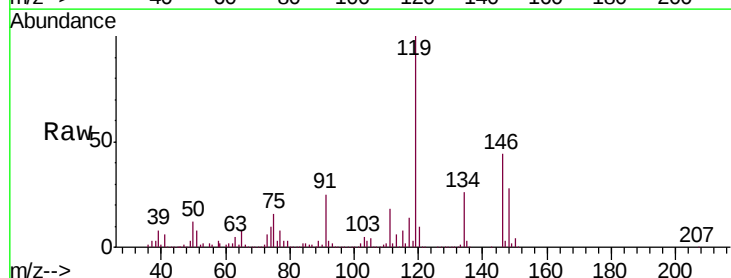
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

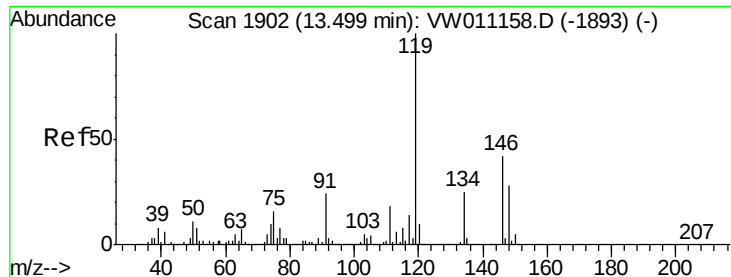
Tgt Ion:105 Resp: 543141
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 47.000 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion:119 Resp: 496322
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.4 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 46.976 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

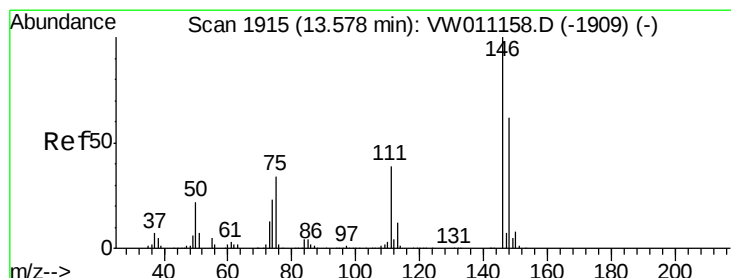
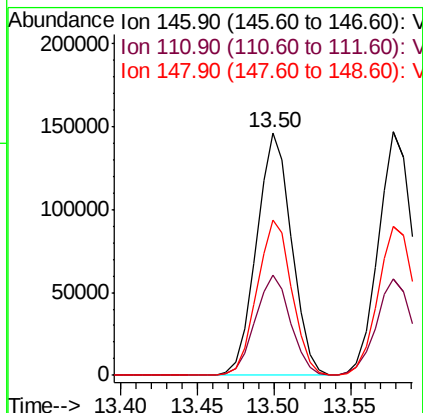
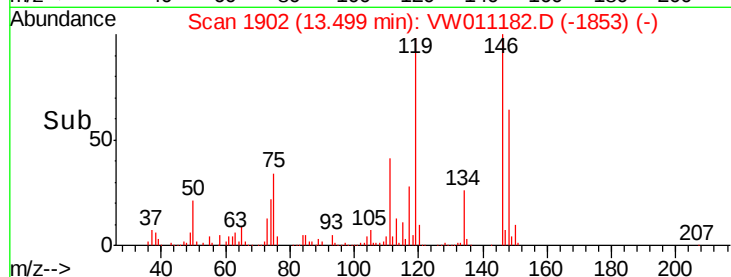
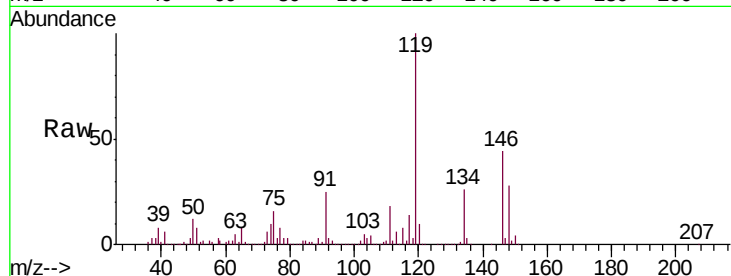
Tgt Ion:146 Resp: 233586

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

148 63.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 46.102 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

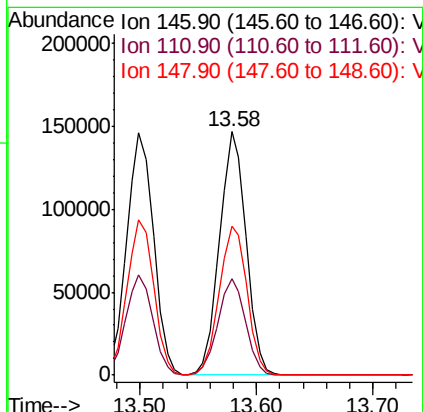
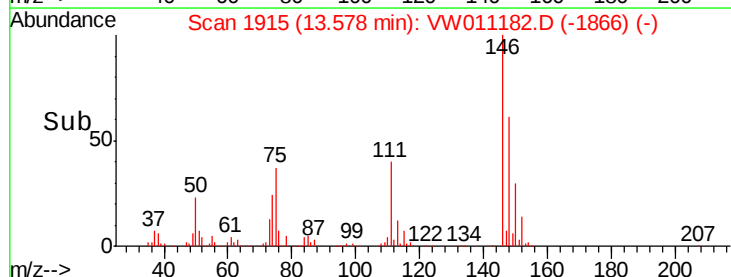
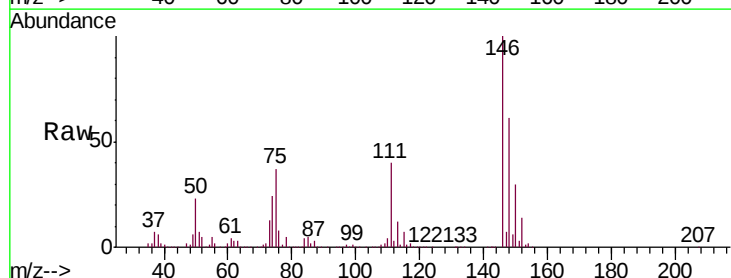
Tgt Ion:146 Resp: 230838

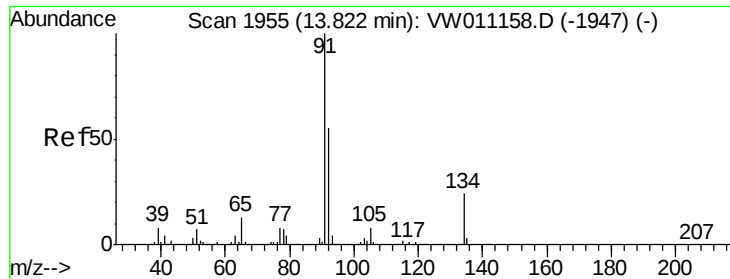
Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.7

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 47.692 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011182.D

Acq: 09 Jul 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

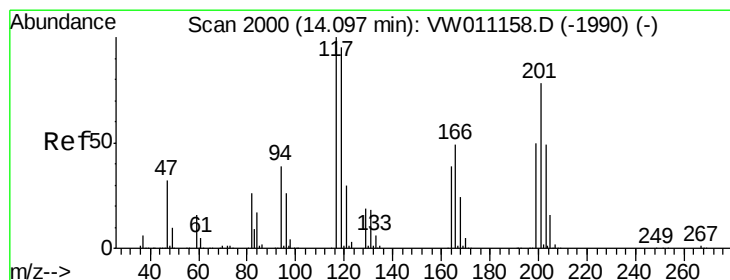
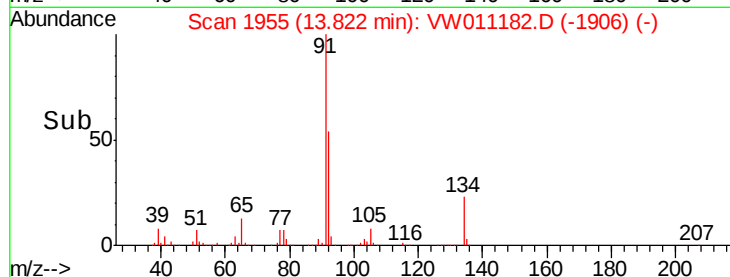
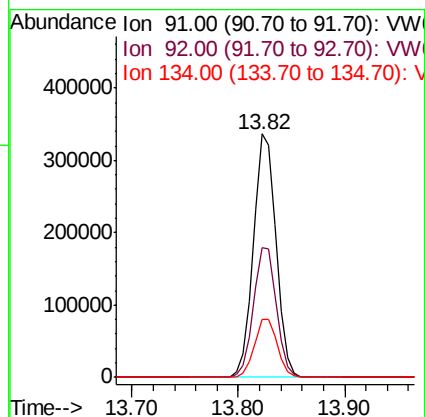
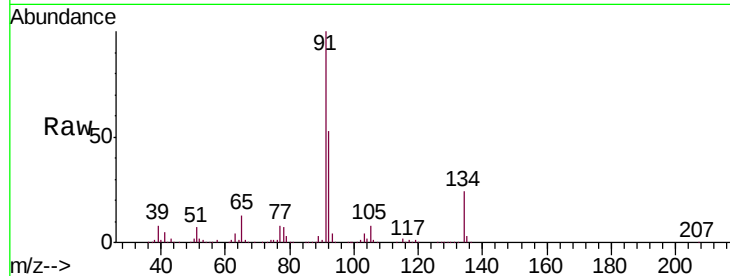
Tgt Ion: 91 Resp: 502405

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

134 24.2 12.2 36.4



#90

Hexachloroethane

Concen: 45.555 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011182.D

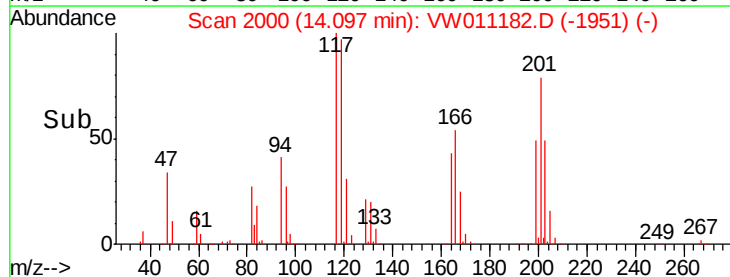
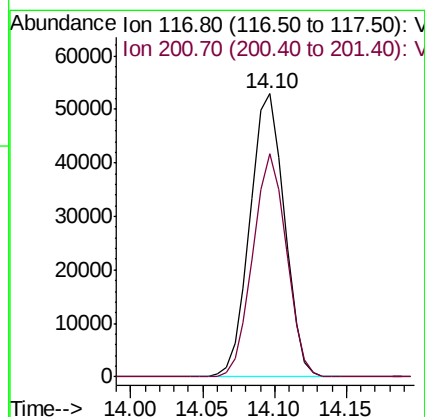
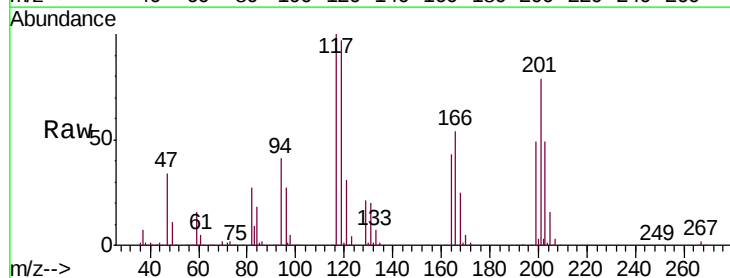
Acq: 09 Jul 2019 17:00

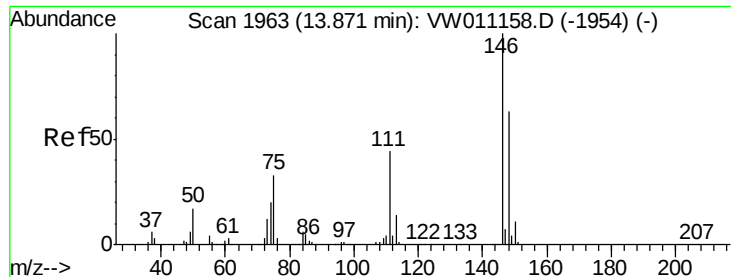
Tgt Ion: 117 Resp: 87908

Ion Ratio Lower Upper

117 100

201 76.8 38.3 114.8

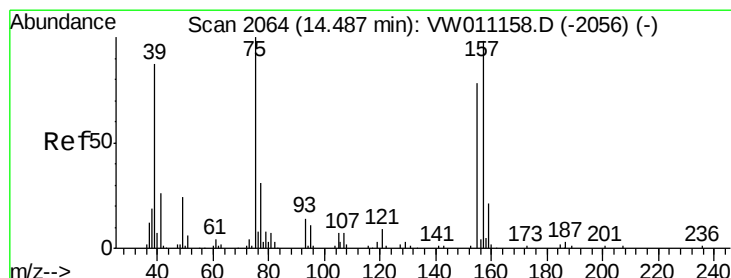
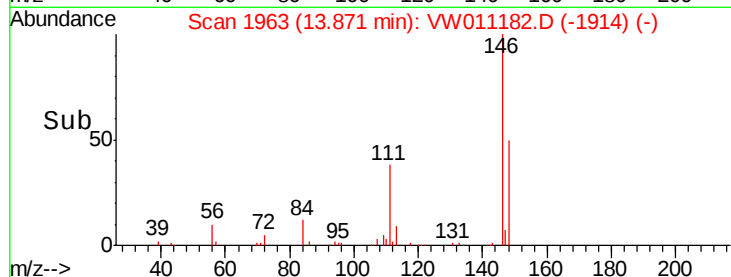
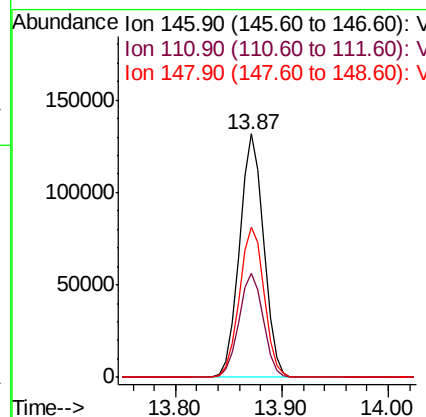
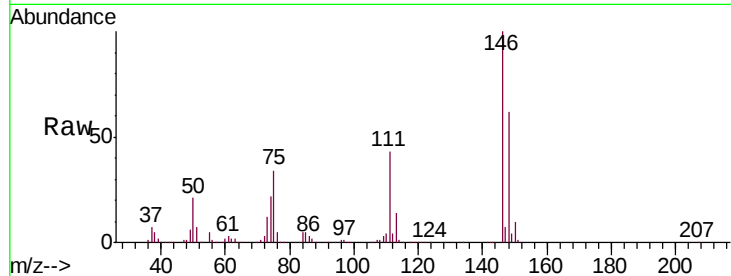




#91
 1,2-Dichlorobenzene
 Concen: 46.587 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

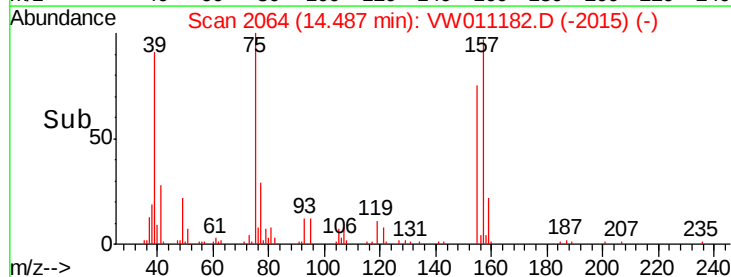
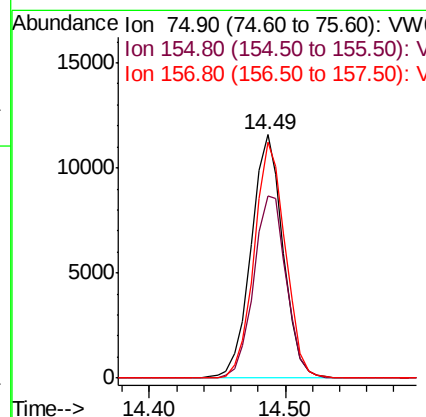
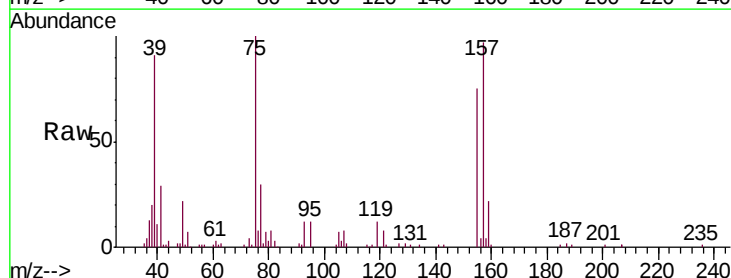
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

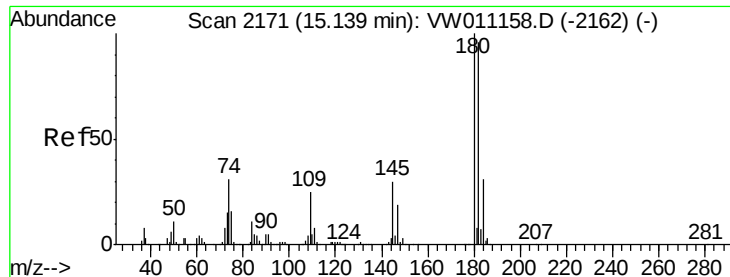
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.407 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	37.1	111.3
157	94.7	48.5	145.6

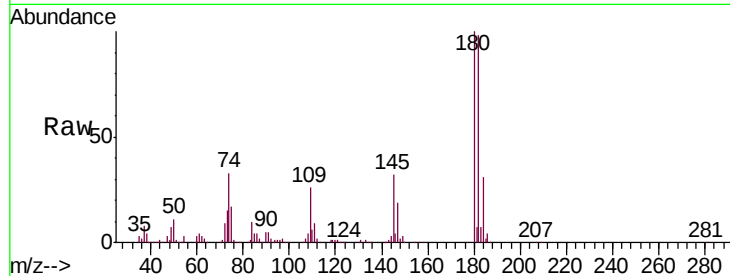




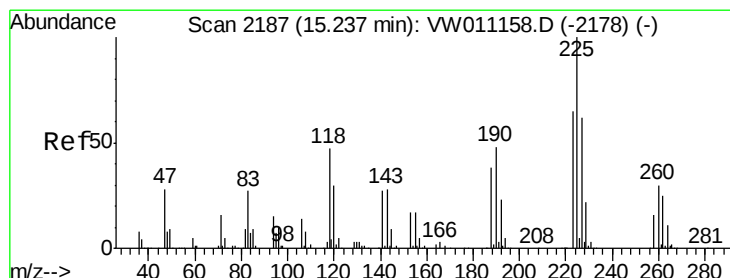
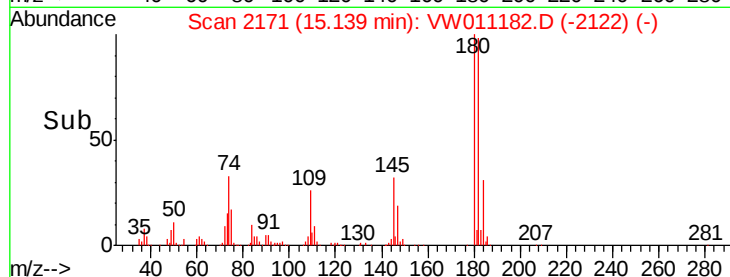
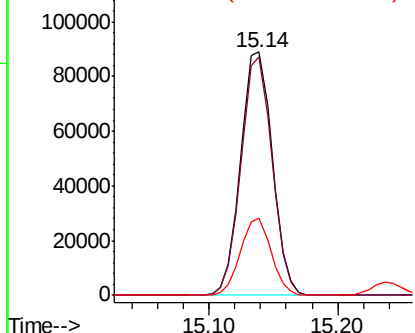
#93
 1,2,4-Trichlorobenzene
 Concen: 48.766 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 151522
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.9
 145 30.8 15.5 46.5

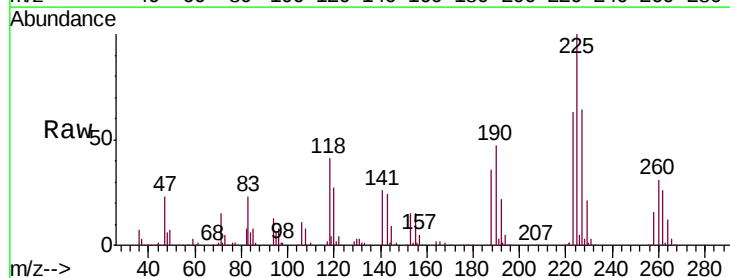


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

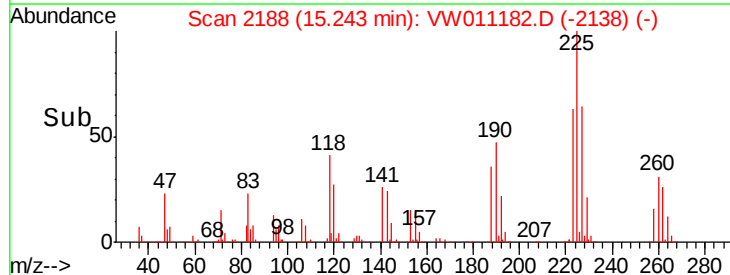
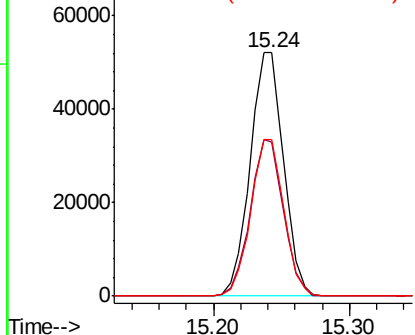


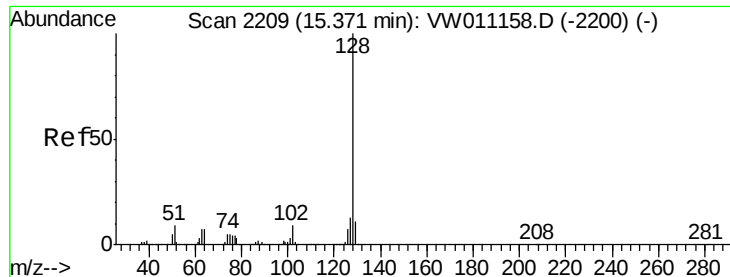
#94
 Hexachlorobutadiene
 Concen: 47.077 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW011182.D
 Acq: 09 Jul 2019 17:00

Tgt Ion:225 Resp: 89802
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 63.8 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

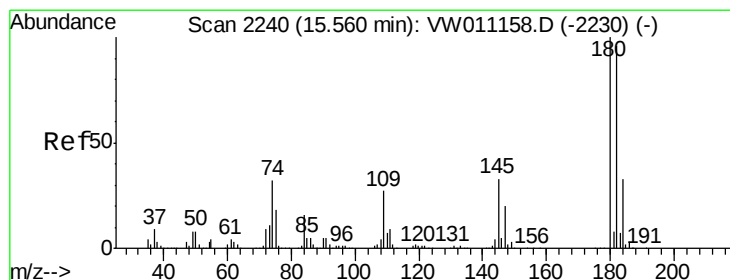
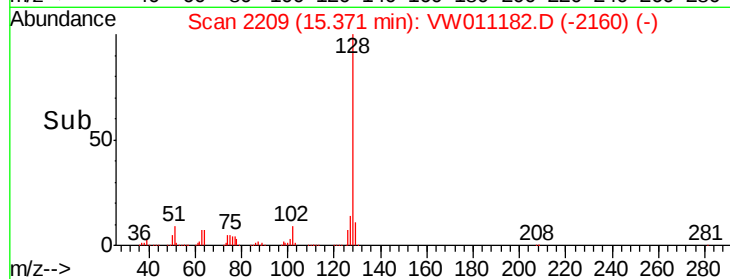
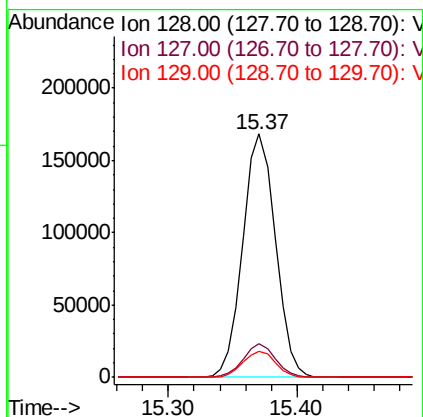
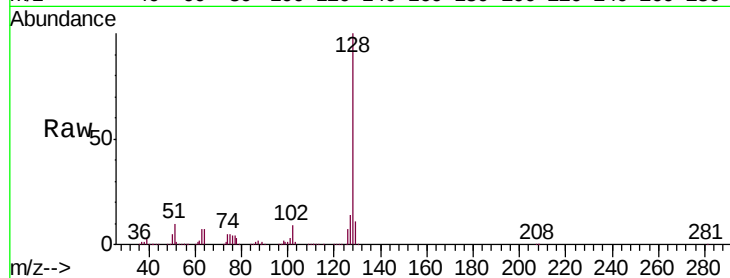




#95
Naphthalene
Concen: 49.702 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 295932
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.848 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011182.D
Acq: 09 Jul 2019 17:00

Tgt Ion:180 Resp: 133950
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.8
145 32.4 16.5 49.5

