

Data File : VW011153.D
Acq On : 03 Jul 2019 21:11
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 04 03:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128505	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	98619	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
50) Toluene-d8	10.32	98	407234	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.62	95	148651	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70857	44.266	ug/l	95
3) Chloromethane	2.21	50	98622	45.959	ug/l	96
4) Vinyl Chloride	2.35	62	124211	44.456	ug/l	99
5) Bromomethane	2.76	94	62830	45.177	ug/l	98
6) Chloroethane	2.91	64	68820	46.719	ug/l	98
7) Trichlorofluoromethane	3.24	101	39154	47.687	ug/l	95
8) Diethyl Ether	3.67	74	67193	51.674	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	109495	47.417	ug/l	99
10) Methyl Iodide	4.27	142	152935	47.337	ug/l	99
11) Tert butyl alcohol	5.17	59	50304	249.518	ug/l	99
12) 1,1-Dichloroethene	4.04	96	112117	46.645	ug/l	98
13) Acrolein	3.89	56	40071	254.885	ug/l	100
14) Allyl chloride	4.66	41	195384	50.505	ug/l	100
15) Acrylonitrile	5.35	53	180250	281.493	ug/l	100
16) Acetone	4.12	43	166540	245.791	ug/l	98
17) Carbon Disulfide	4.38	76	315713	46.299	ug/l	98
18) Methyl Acetate	4.67	43	90164	51.371	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	179088	52.641	ug/l	95
20) Methylene Chloride	4.91	84	126570	45.976	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	121961	49.241	ug/l	98
22) Diisopropyl ether	6.31	45	481142	51.683	ug/l	96
23) Vinyl Acetate	6.25	43	1566135	273.030	ug/l	100
24) 1,1-Dichloroethane	6.21	63	244576	49.771	ug/l	99
25) 2-Butanone	7.17	43	274446	266.470	ug/l	100
26) 2,2-Dichloropropane	7.16	77	106347	41.682	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	135806	50.924	ug/l	97
28) Bromochloromethane	7.51	49	116569	50.957	ug/l	99
29) Tetrahydrofuran	7.52	42	181645	283.315	ug/l	100
30) Chloroform	7.67	83	224922	50.382	ug/l	98
31) Cyclohexane	7.95	56	240921	45.373	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	162151	48.607	ug/l	98
36) 1,1-Dichloropropene	8.08	75	184547	48.183	ug/l	99
37) Ethyl Acetate	7.25	43	120617	54.133	ug/l	99
38) Carbon Tetrachloride	8.06	117	150705	47.779	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226196	47.988	ug/l	98
40) Benzene	8.32	78	520099	49.371	ug/l	99
41) Methacrylonitrile	7.48	41	66775	49.258	ug/l	91
42) 1,2-Dichloroethane	8.40	62	173455	50.217	ug/l	100
43) Isopropyl Acetate	8.42	43	228102	54.115	ug/l	99
44) Trichloroethene	9.09	130	123049	48.331	ug/l	100
45) 1,2-Dichloropropane	9.37	63	143552	50.180	ug/l	98
46) Dibromomethane	9.46	93	69036	51.599	ug/l	99
47) Bromodichloromethane	9.64	83	169142	51.061	ug/l	100
48) Methyl methacrylate	9.43	41	110798	54.212	ug/l	99
49) 1,4-Dioxane	9.45	88	24569	1092.169	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	613626	276.559	ug/l	99
52) Toluene	10.38	92	320377	49.674	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176324	51.104	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209418	50.881	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97123	51.381	ug/l	98
56) Ethyl methacrylate	10.65	69	155256	54.850	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186711	51.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	369515	258.011	ug/l	99
59) 2-Hexanone	10.97	43	424143	274.115	ug/l	98
60) Dibromochloromethane	11.13	129	103793	52.363	ug/l	98
61) 1,2-Dibromoethane	11.23	107	92687	52.378	ug/l	100
64) Tetrachloroethene	10.86	164	105139	47.234	ug/l	95
65) Chlorobenzene	11.66	112	317943	48.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112224	49.923	ug/l	99
67) Ethyl Benzene	11.73	91	619742	48.871	ug/l	99
68) m/p-Xylenes	11.84	106	447943	97.347	ug/l	99
69) o-Xylene	12.16	106	211008	49.232	ug/l	98
70) Styrene	12.18	104	374259	50.251	ug/l	100
71) Bromoform	12.35	173	58328	53.224	ug/l #	100
73) Isopropylbenzene	12.46	105	586169	49.721	ug/l	100
74) N-amyl acetate	12.27	43	215980	54.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122706	53.004	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	159314	95.892	ug/l #	100
77) Bromobenzene	12.74	156	129732	50.065	ug/l	99
78) n-propylbenzene	12.80	91	718242	49.198	ug/l	99
79) 2-Chlorotoluene	12.89	91	412962	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	494615	49.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36890	47.471	ug/l	98
82) 4-Chlorotoluene	12.99	91	424026	48.785	ug/l	100
83) tert-Butylbenzene	13.21	119	416811	50.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	500816	49.587	ug/l	99
85) sec-Butylbenzene	13.38	105	599340	49.514	ug/l	100
86) p-Isopropyltoluene	13.50	119	537772	49.370	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	251086	48.985	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	251078	49.070	ug/l	99
89) n-Butylbenzene	13.82	91	539300	48.712	ug/l	100
90) Hexachloroethane	14.10	117	92141	49.439	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	229804	49.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20952	53.253	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070419\
Quantitation Report (Not Reviewed)

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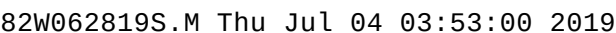
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

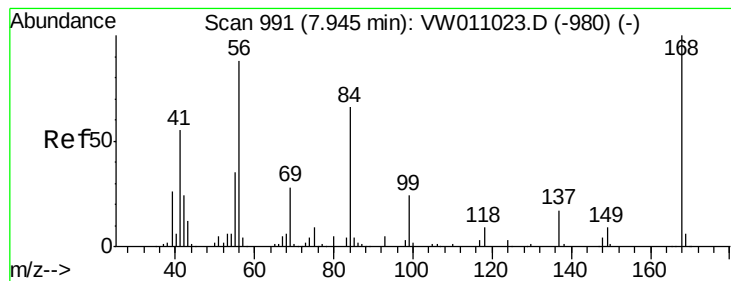
Quant Time: Jul 04 03:55:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	160156	49.445	ug/l	100
94) Hexachlorobutadiene	15.24	225	95561	48.642	ug/l	99
95) Naphthalene	15.37	128	331281	54.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	143823	49.727	ug/l	100

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

Quant Time: Jul 03 22:26:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

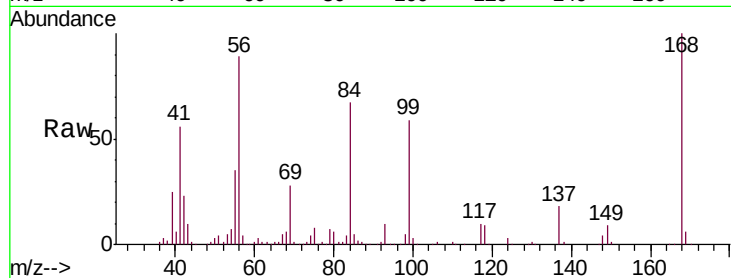
VSTDCCC050EC

Tgt Ion:168 Resp: 212340

Ion Ratio Lower Upper

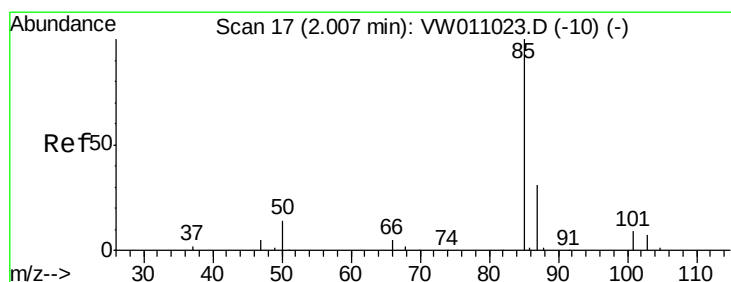
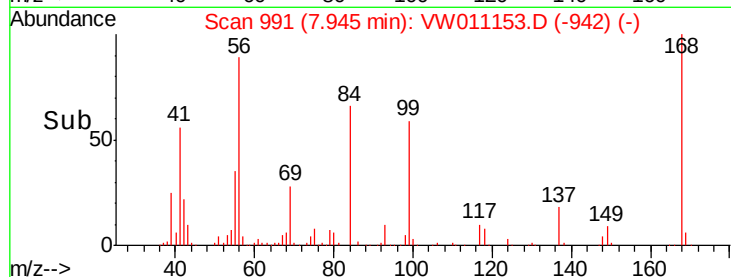
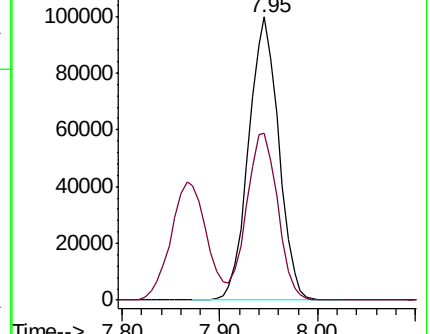
168 100

99 58.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.266 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011153.D

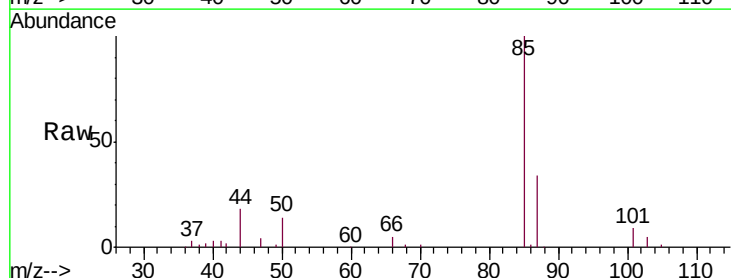
Acq: 03 Jul 2019 21:11

Tgt Ion: 85 Resp: 70857

Ion Ratio Lower Upper

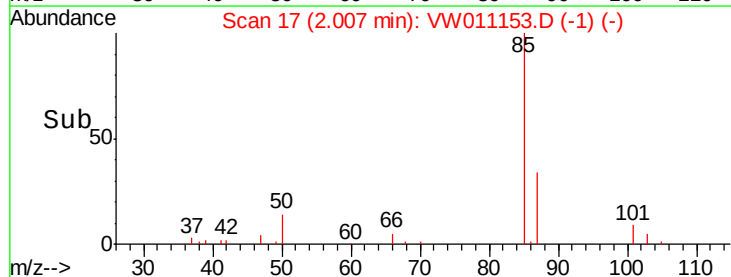
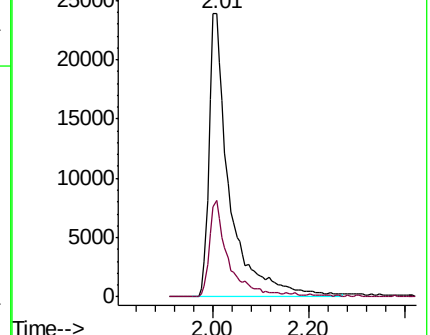
85 100

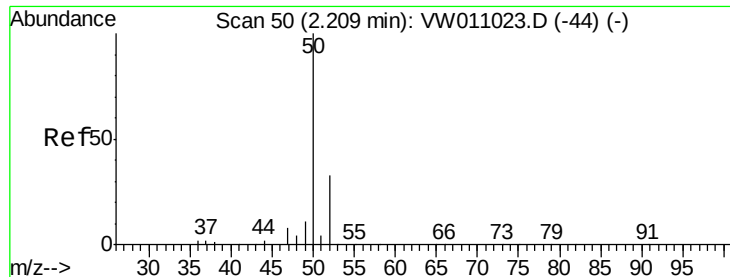
87 34.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.959 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

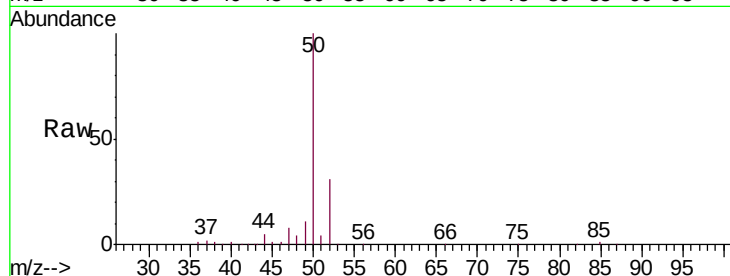
VSTDCCC050EC

Tgt Ion: 50 Resp: 98622

Ion Ratio Lower Upper

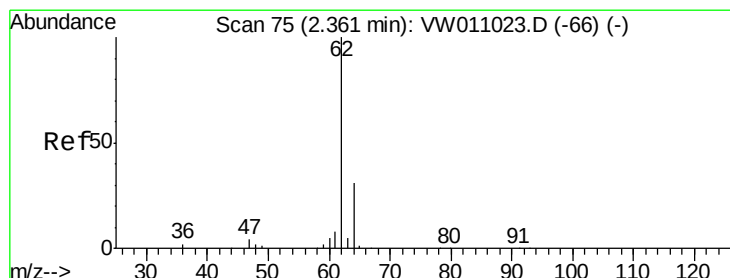
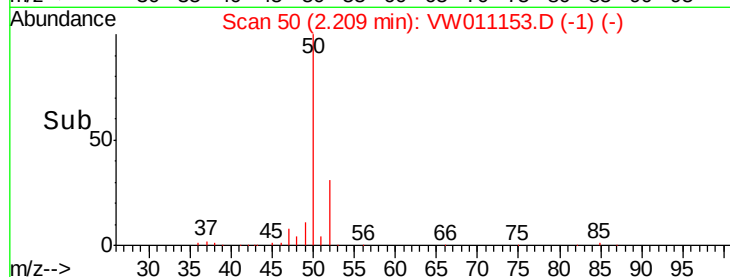
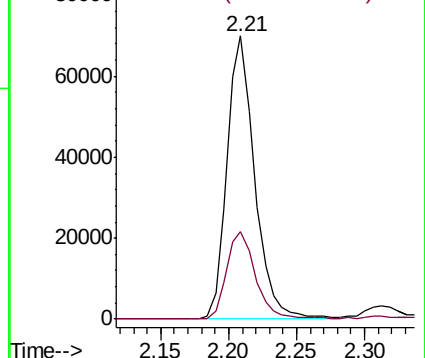
50 100

52 31.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.456 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011153.D

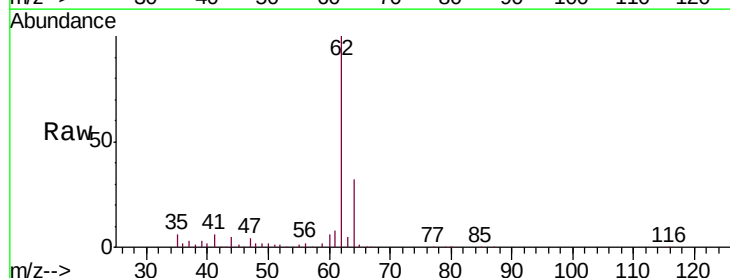
Acq: 03 Jul 2019 21:11

Tgt Ion: 62 Resp: 124211

Ion Ratio Lower Upper

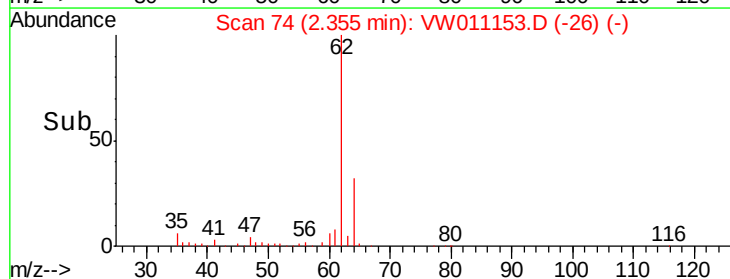
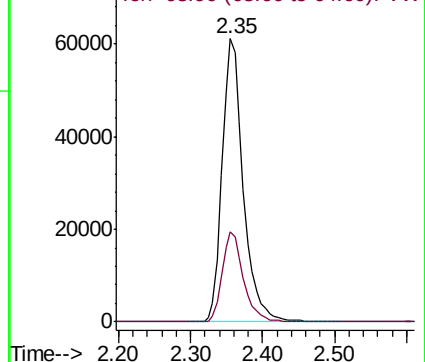
62 100

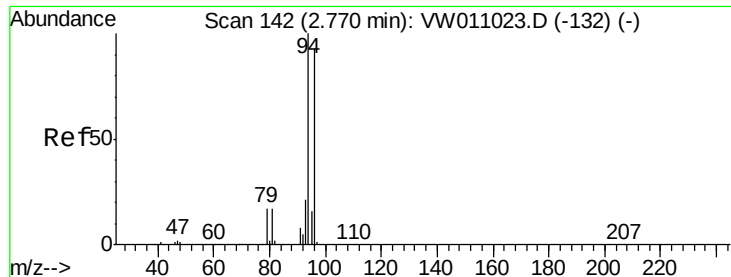
64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.177 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

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Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

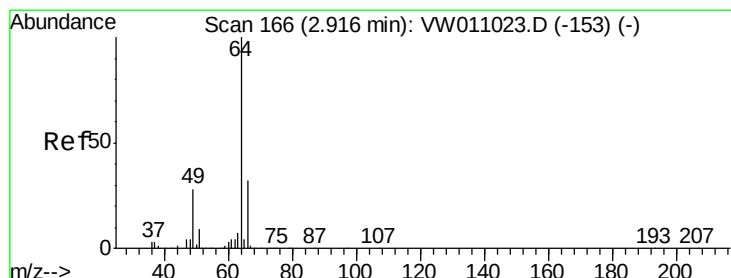
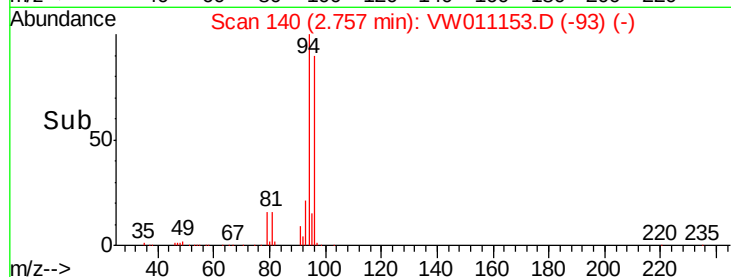
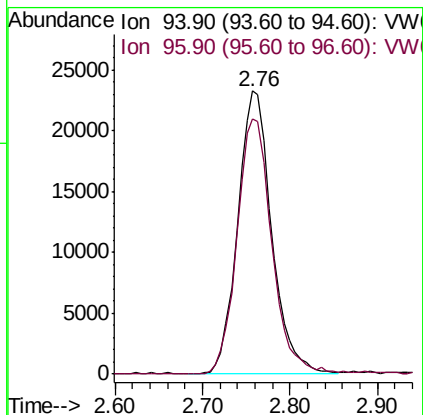
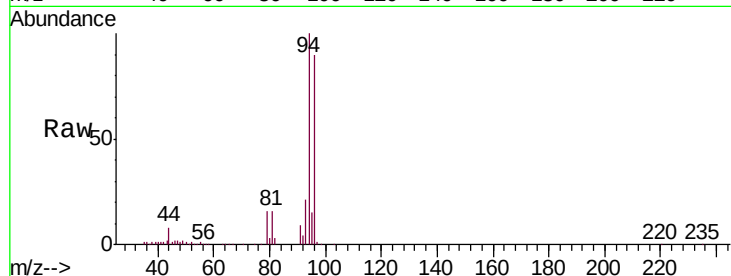
VSTDCCC050EC

Tgt Ion: 94 Resp: 62830

Ion Ratio Lower Upper

94 100

96 90.4 74.2 111.2



#6

Chloroethane

Concen: 46.719 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011153.D

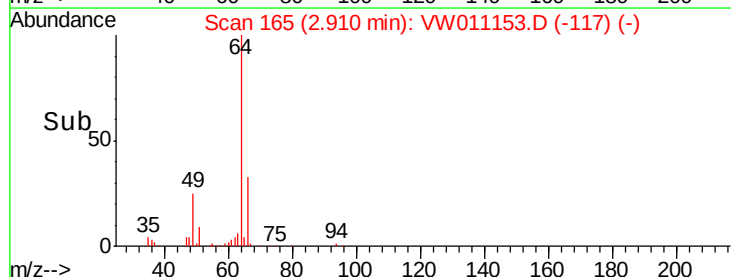
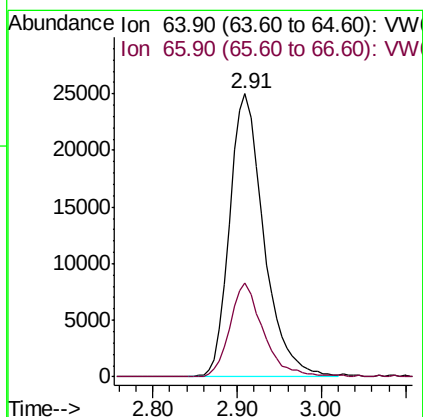
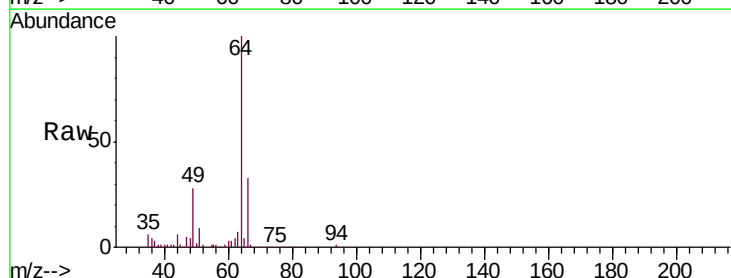
Acq: 03 Jul 2019 21:11

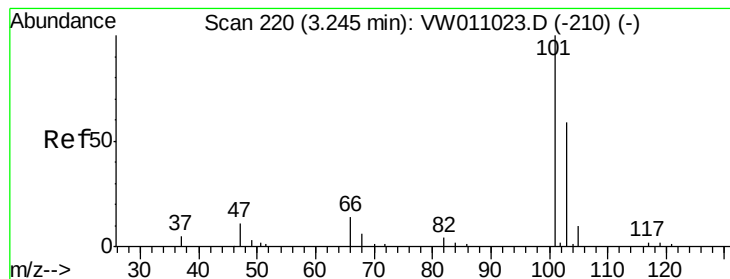
Tgt Ion: 64 Resp: 68820

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5



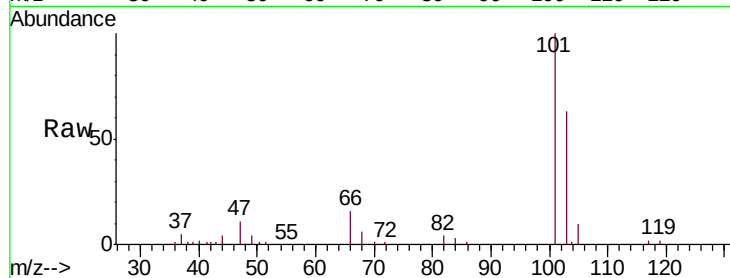


#7

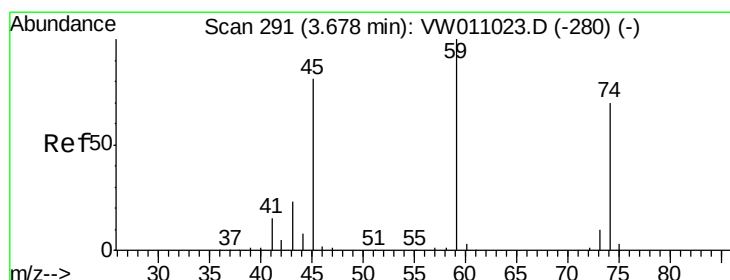
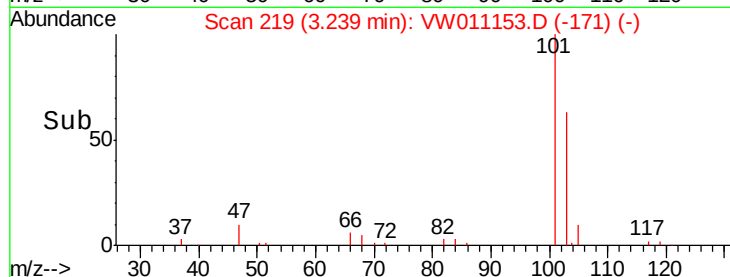
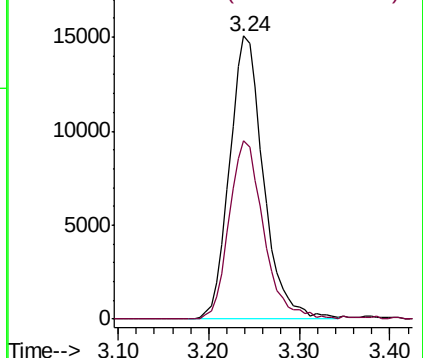
Trichlorofluoromethane
Concen: 47.687 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011153.D
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Instrument :
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Tgt Ion: 101 Resp: 39154
Ion Ratio Lower Upper
101 100
103 62.9 47.5 71.3



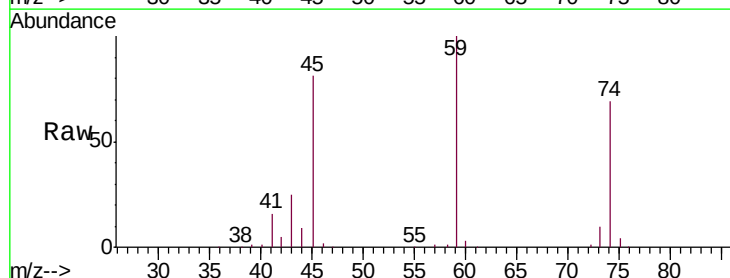
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



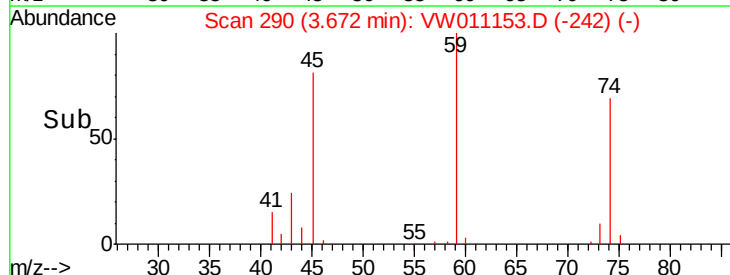
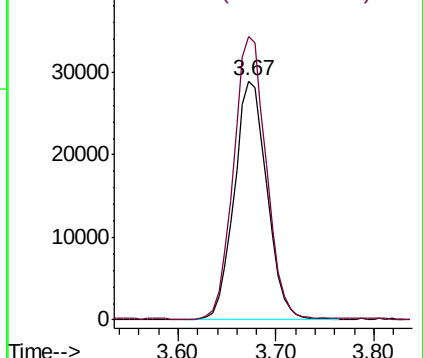
#8

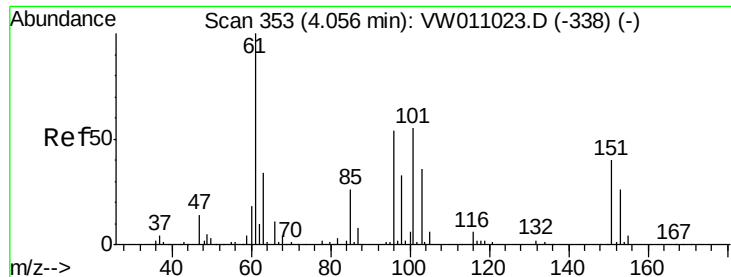
Diethyl Ether
Concen: 51.674 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011153.D
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Tgt Ion: 74 Resp: 67193
Ion Ratio Lower Upper
74 100
45 117.9 59.5 178.5



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.417 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011153.D

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MSVOA_W

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VSTDCCC050EC

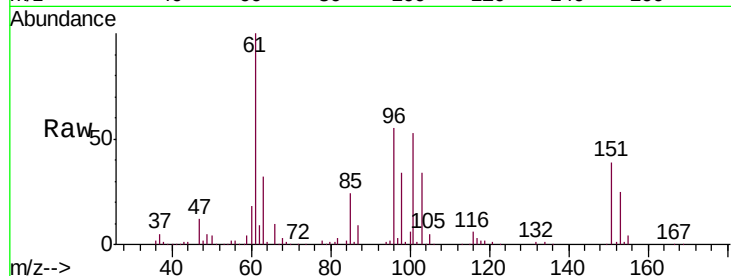
Tgt Ion:101 Resp: 109495

Ion Ratio Lower Upper

101 100

85 46.1 36.6 55.0

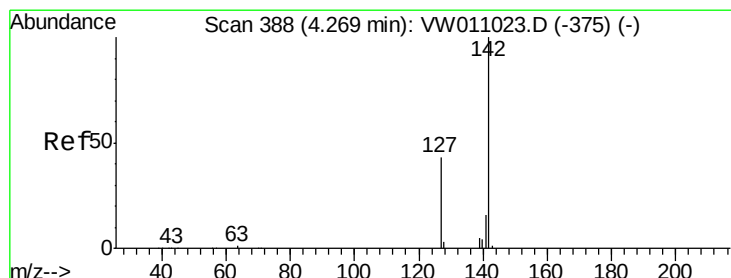
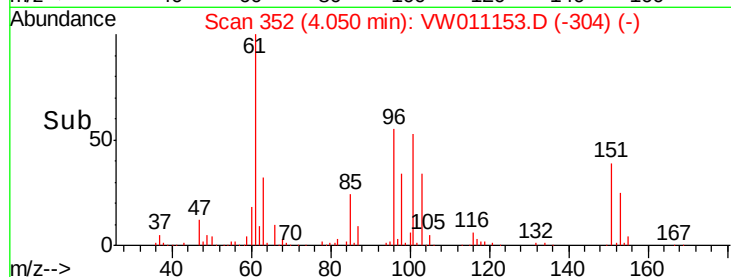
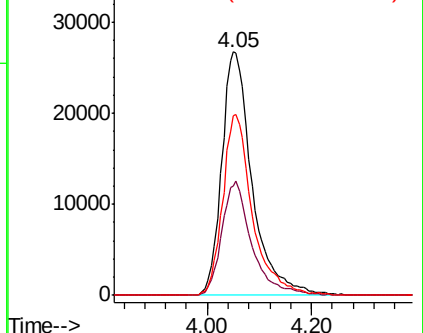
151 72.0 58.9 88.3



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: 47.337 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

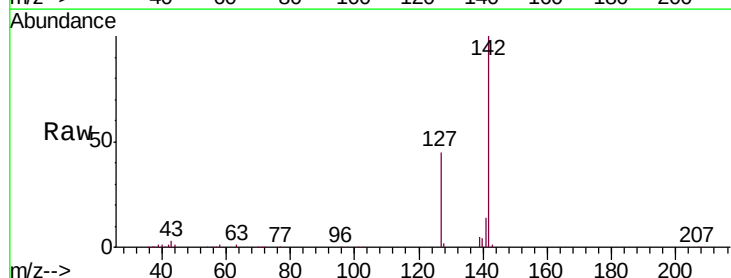
Tgt Ion:142 Resp: 152935

Ion Ratio Lower Upper

142 100

127 44.5 35.8 53.8

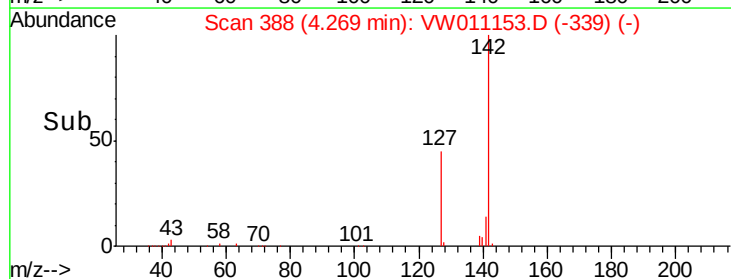
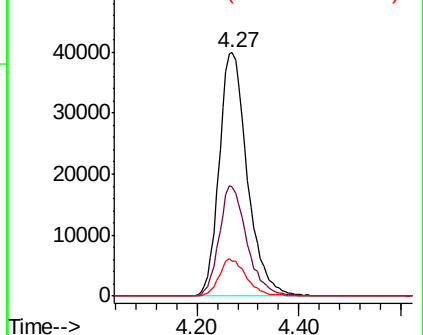
141 14.9 12.2 18.2

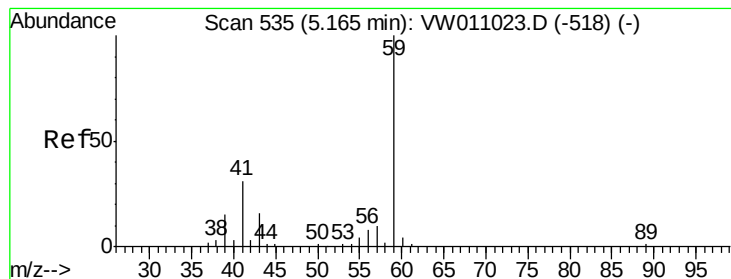


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



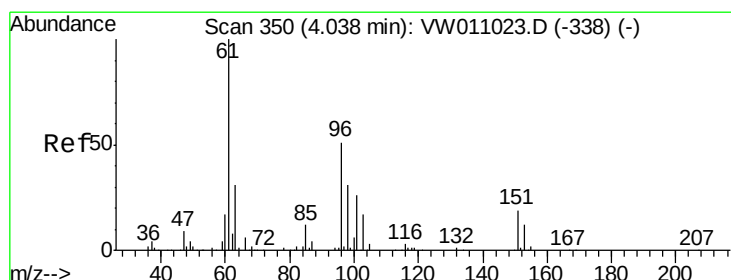
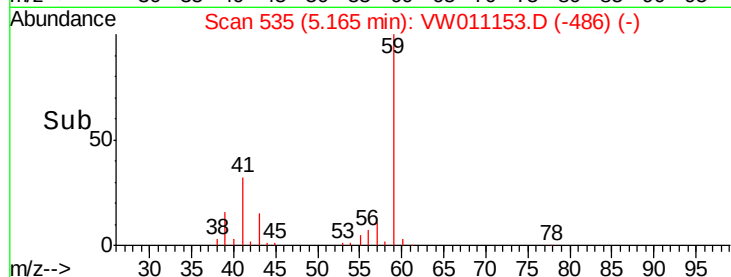
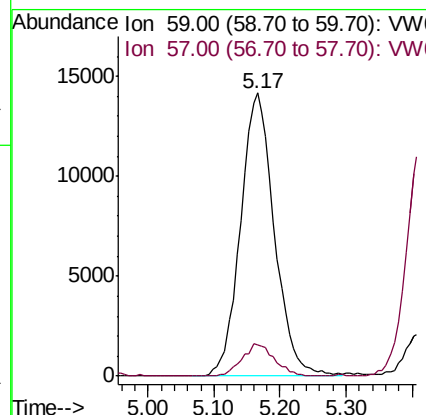
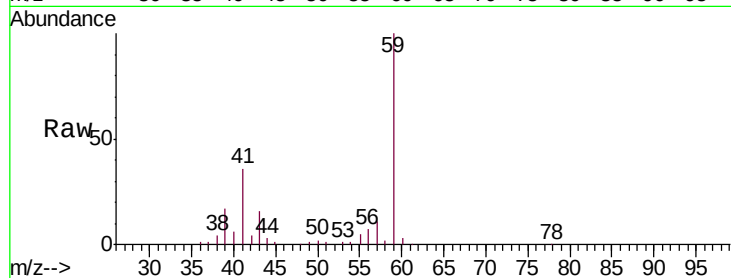


#11

Tert butyl alcohol
 Concen: 249.518 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

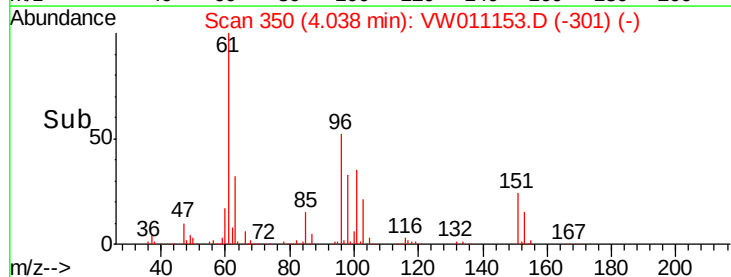
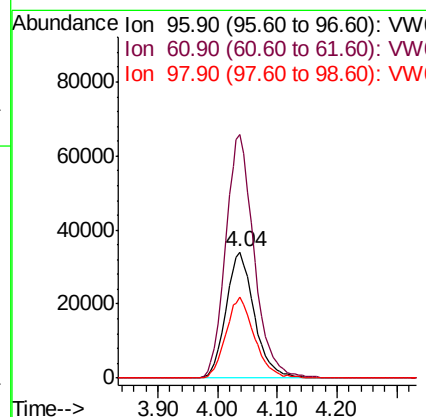
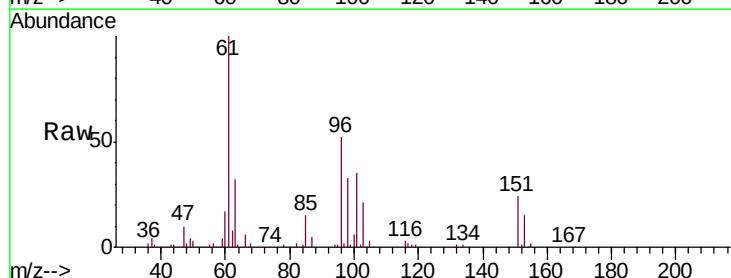
Tgt Ion: 59 Resp: 50304
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.4

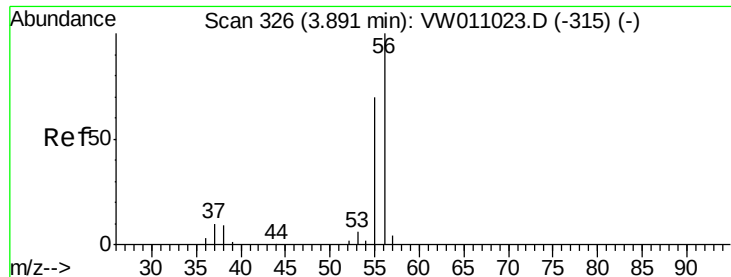


#12

1,1-Dichloroethene
 Concen: 46.645 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 96 Resp: 112117
 Ion Ratio Lower Upper
 96 100
 61 192.3 156.0 234.0
 98 63.7 48.7 73.1





#13

Acrolein

Concen: 254.885 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

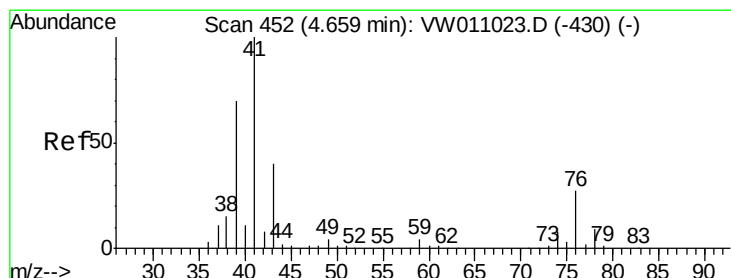
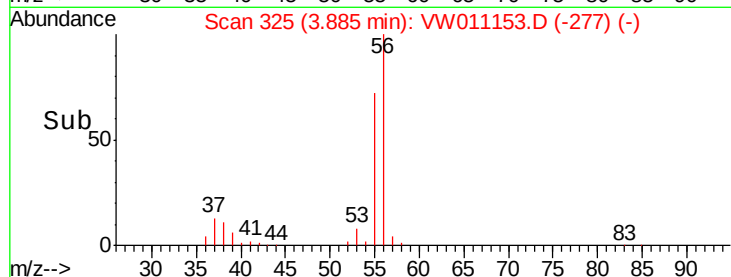
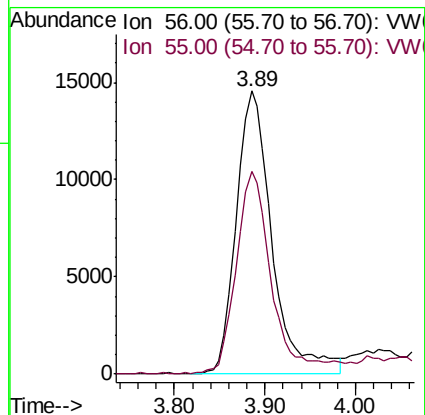
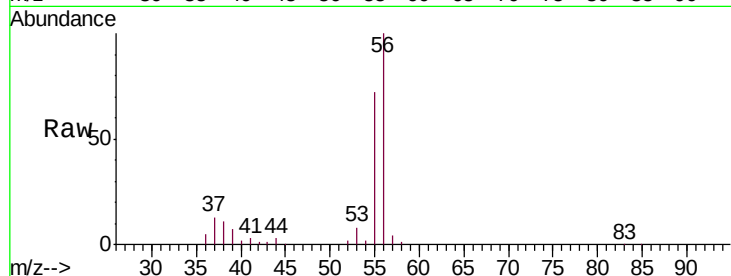
VSTDCCC050EC

Tgt Ion: 56 Resp: 40071

Ion Ratio Lower Upper

56 100

55 69.5 55.7 83.5



#14

Allyl chloride

Concen: 50.505 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

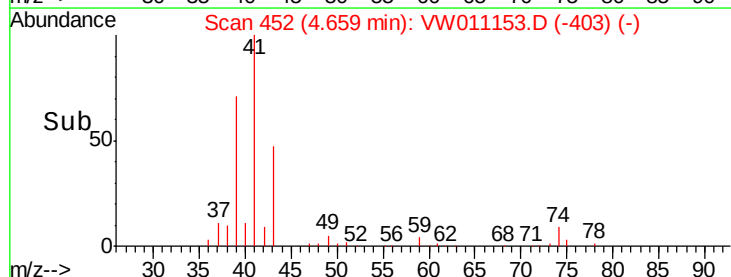
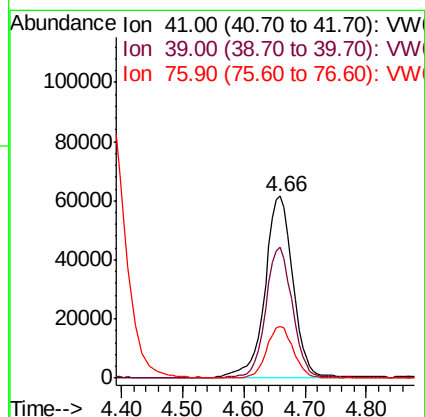
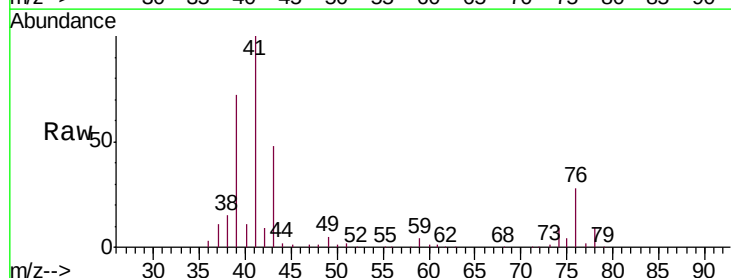
Tgt Ion: 41 Resp: 195384

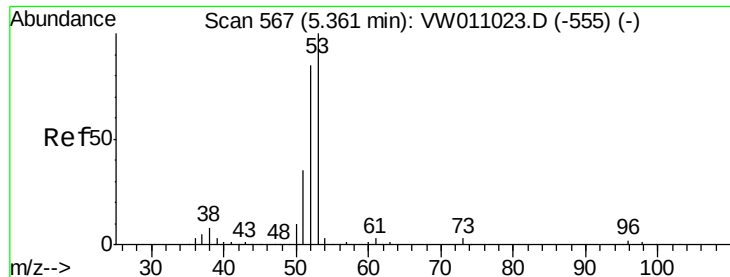
Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 281.493 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

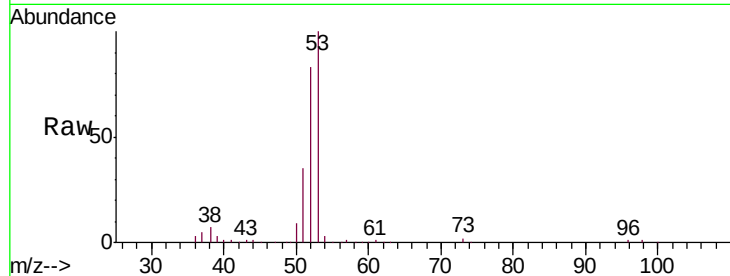
Tgt Ion: 53 Resp: 180250

Ion Ratio Lower Upper

53 100

52 83.2 66.3 99.5

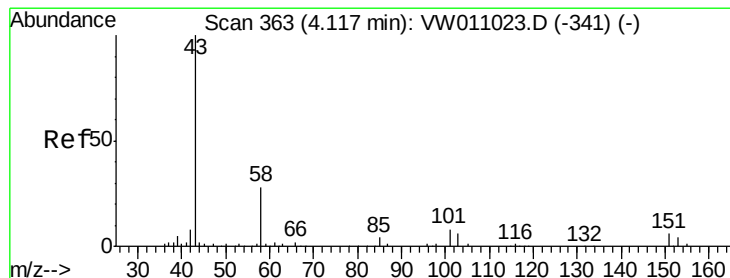
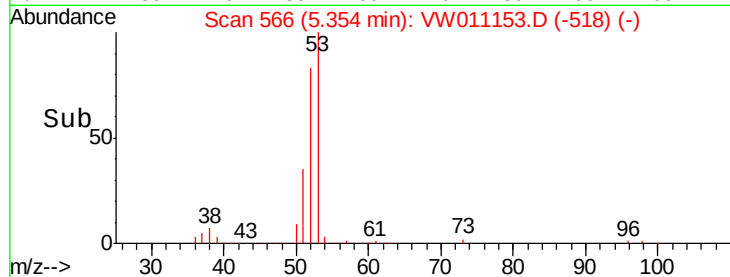
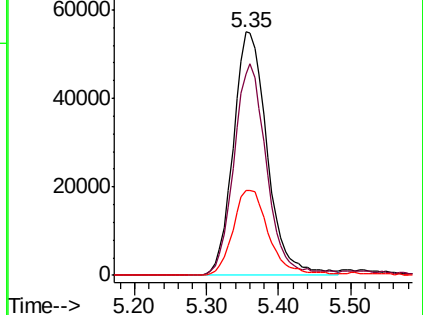
51 36.8 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 245.791 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011153.D

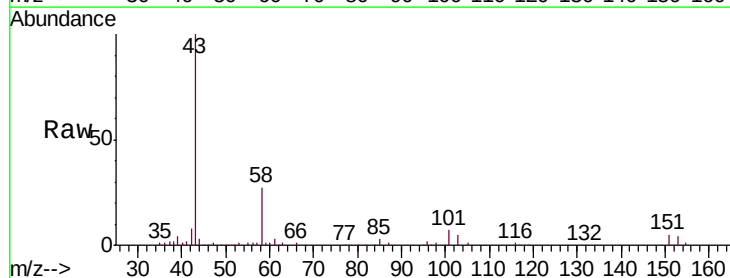
Acq: 03 Jul 2019 21:11

Tgt Ion: 43 Resp: 166540

Ion Ratio Lower Upper

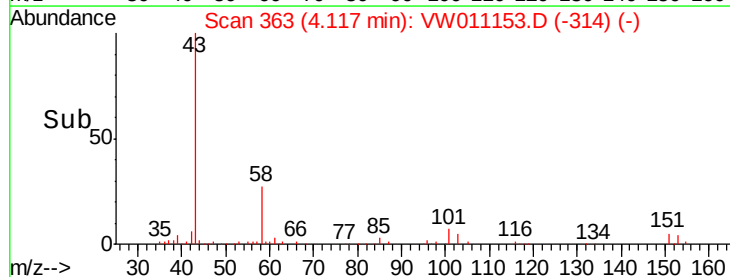
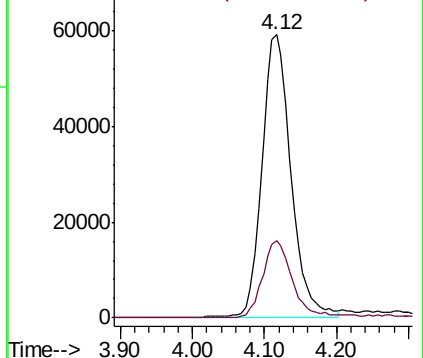
43 100

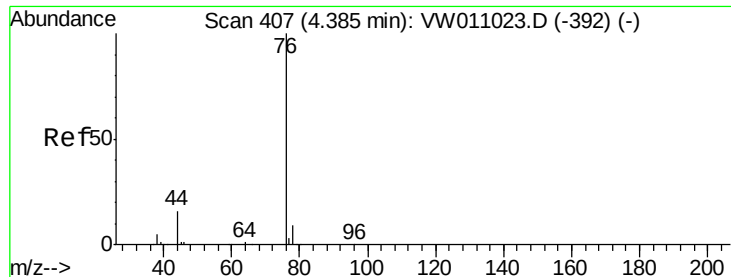
58 27.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 46.299 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

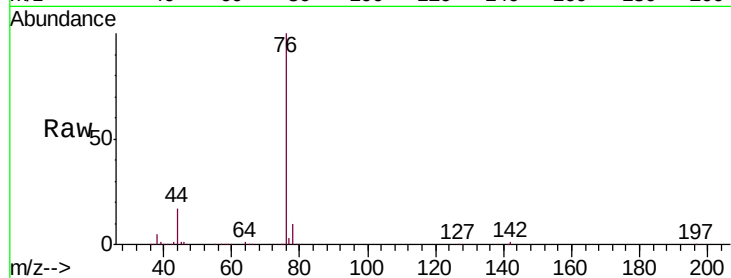
VSTDCCC050EC

Tgt Ion: 76 Resp: 315713

Ion Ratio Lower Upper

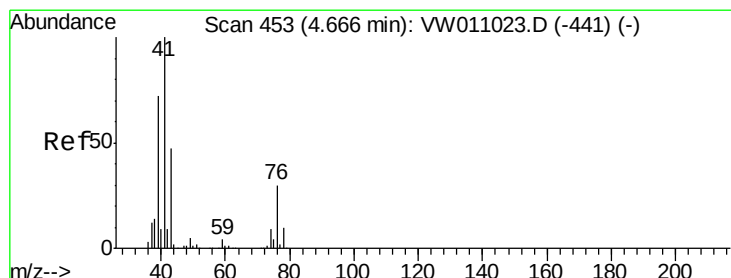
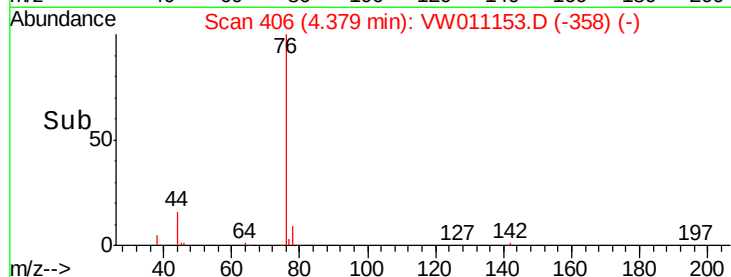
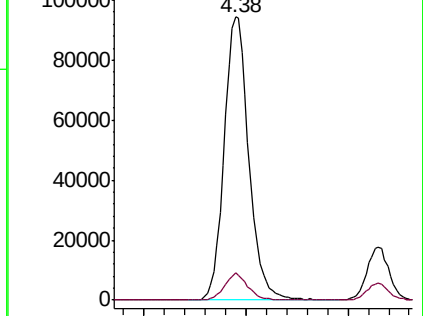
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.371 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011153.D

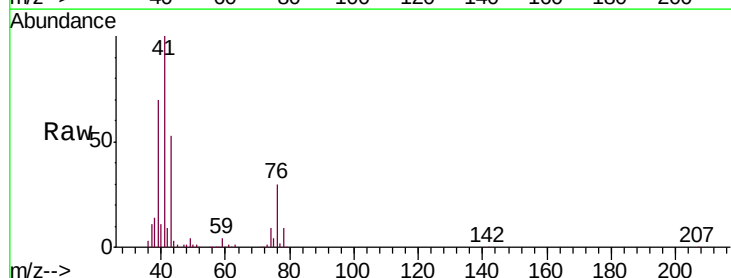
Acq: 03 Jul 2019 21:11

Tgt Ion: 43 Resp: 90164

Ion Ratio Lower Upper

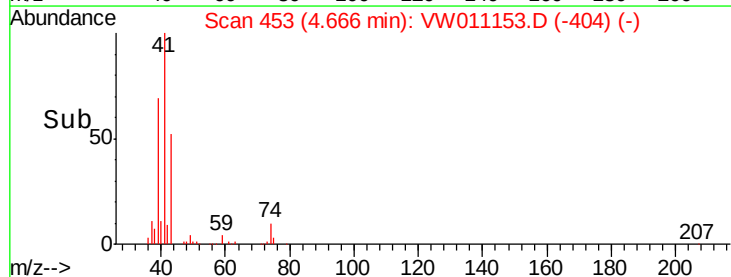
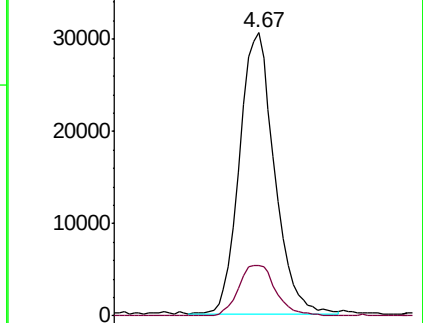
43 100

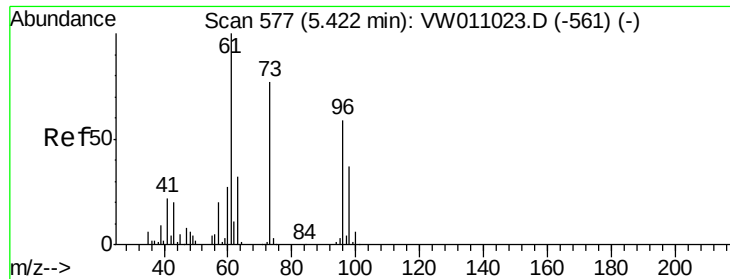
74 19.5 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

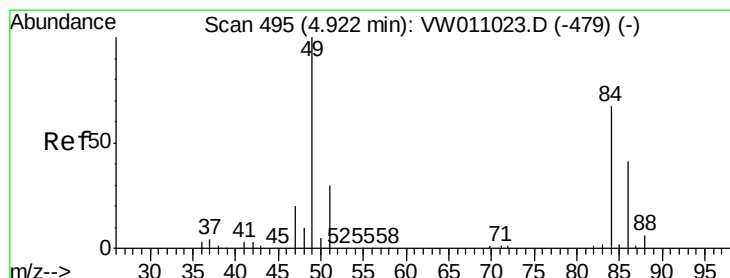
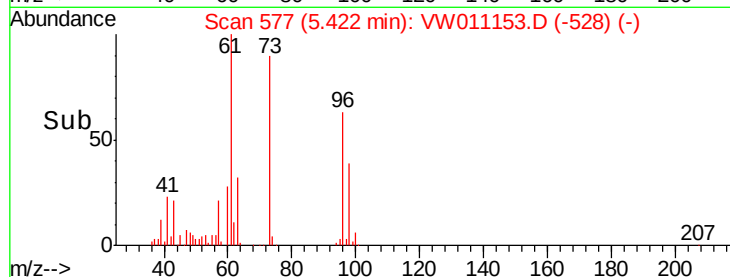
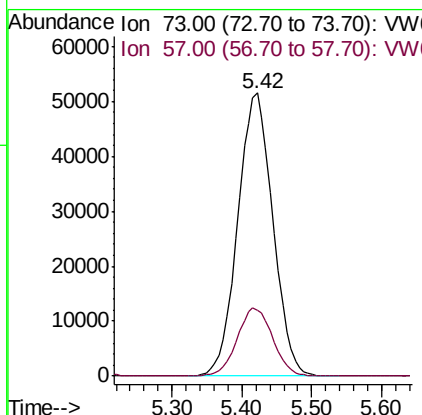
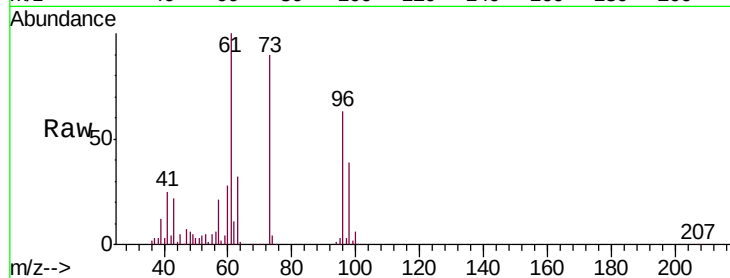




#19
Methyl tert-butyl Ether
Concen: 52.641 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

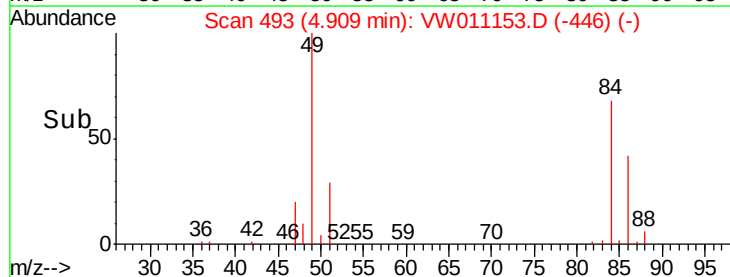
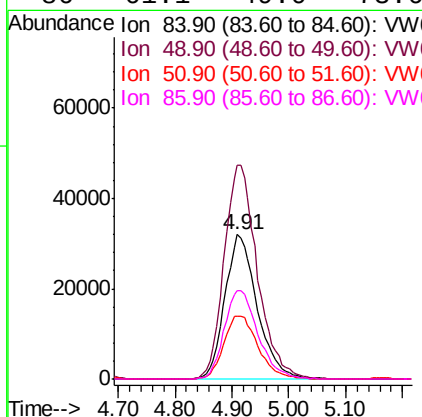
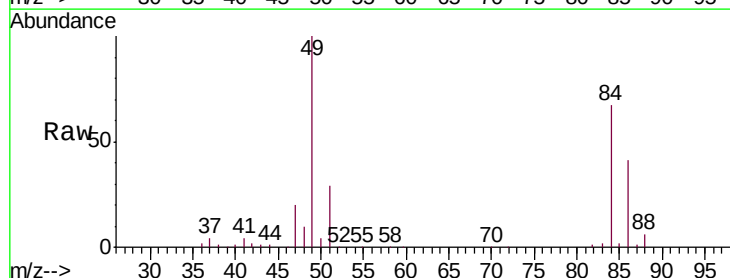
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

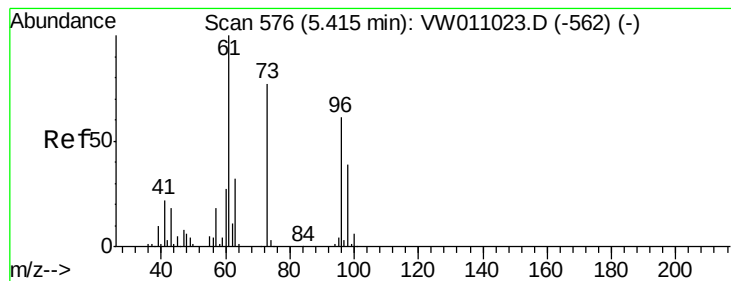
Tgt Ion: 73 Resp: 179088
Ion Ratio Lower Upper
73 100
57 23.4 20.8 31.2



#20
Methylene Chloride
Concen: 45.976 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 84 Resp: 126570
Ion Ratio Lower Upper
84 100
49 148.2 119.6 179.4
51 43.1 35.6 53.4
86 61.1 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.241 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

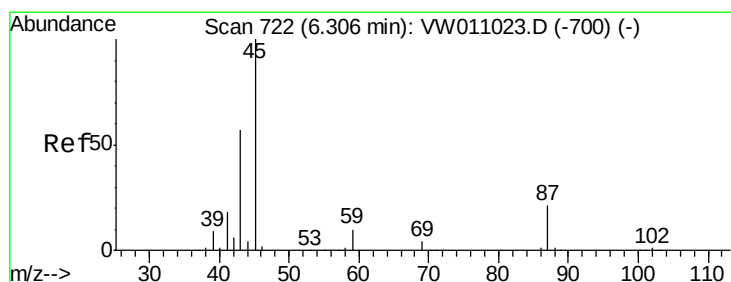
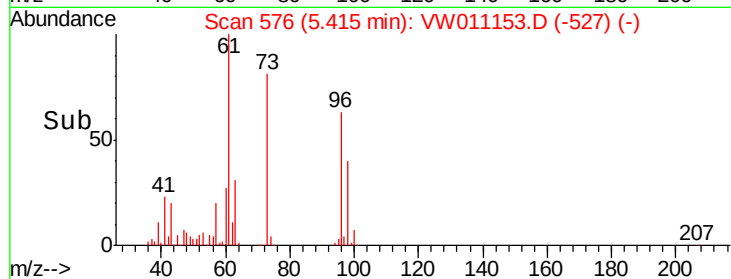
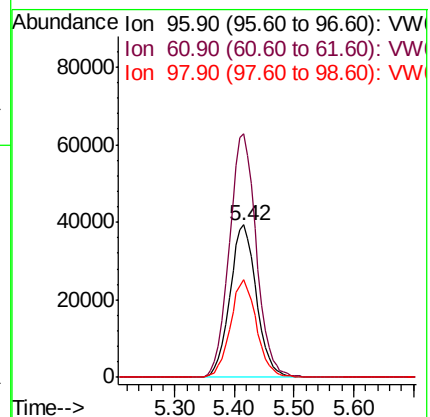
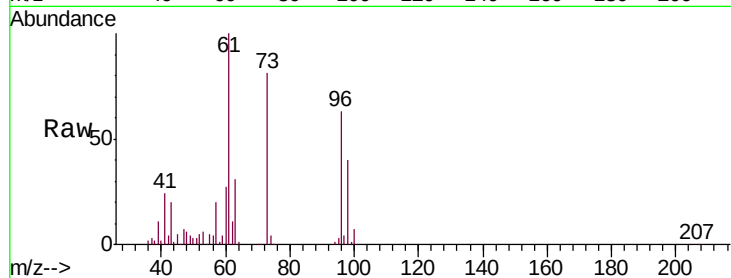
Tgt Ion: 96 Resp: 121961

Ion Ratio Lower Upper

96 100

61 159.7 131.0 196.4

98 63.9 50.8 76.2



#22

Diisopropyl ether

Concen: 51.683 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion: 45 Resp: 481142

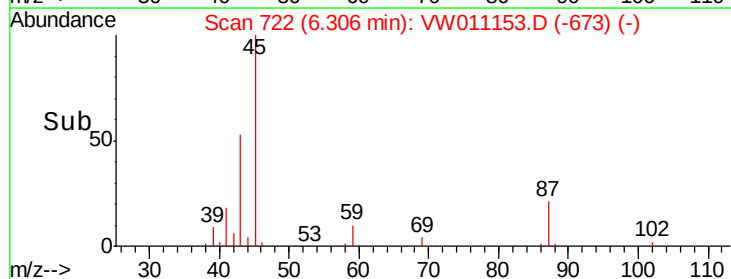
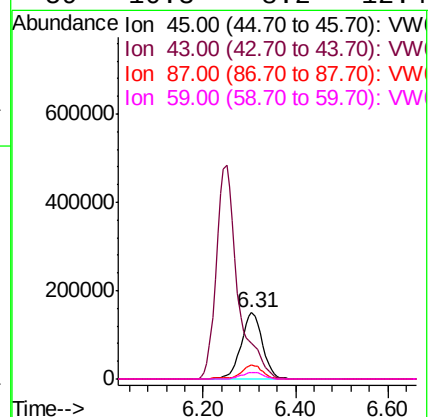
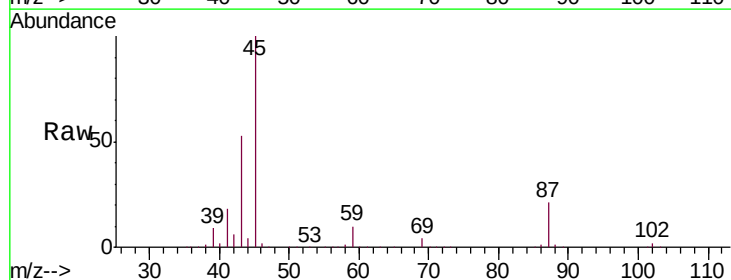
Ion Ratio Lower Upper

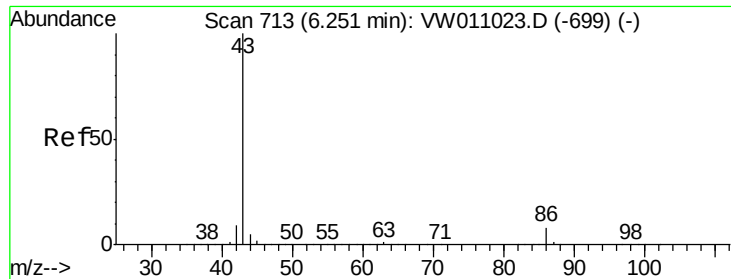
45 100

43 53.4 45.8 68.6

87 21.0 17.1 25.7

59 10.3 8.2 12.4





#23

Vinyl Acetate

Concen: 273.030 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

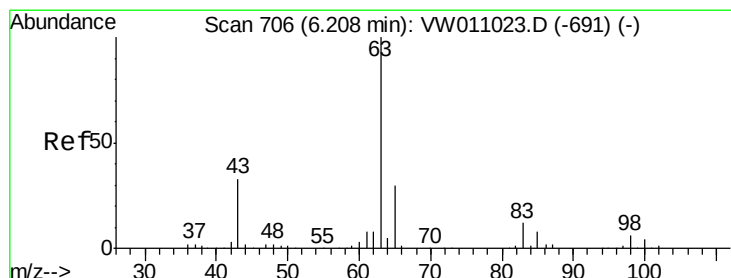
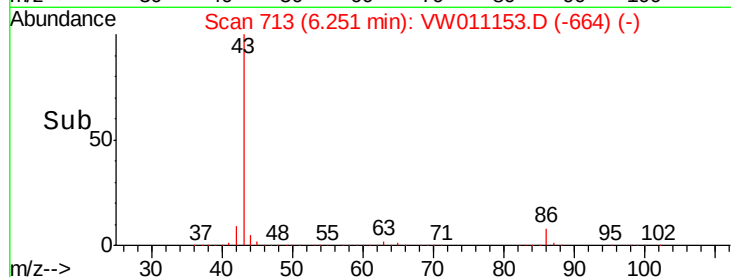
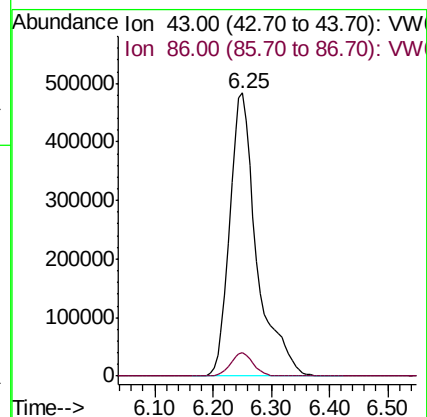
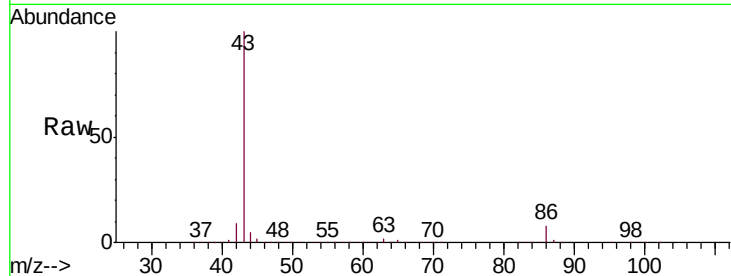
VSTDCCC050EC

Tgt Ion: 43 Resp: 1566135

Ion Ratio Lower Upper

43 100

86 8.3 6.6 10.0



#24

1,1-Dichloroethane

Concen: 49.771 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

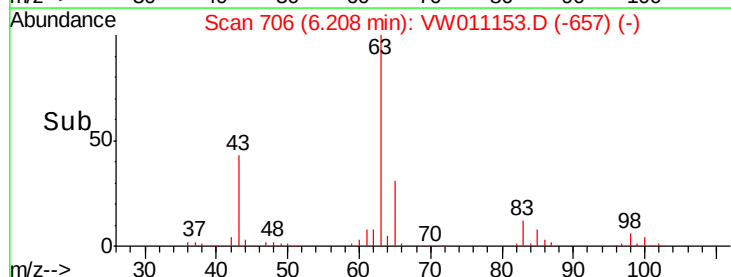
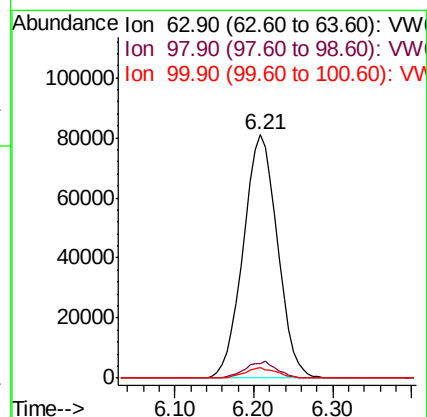
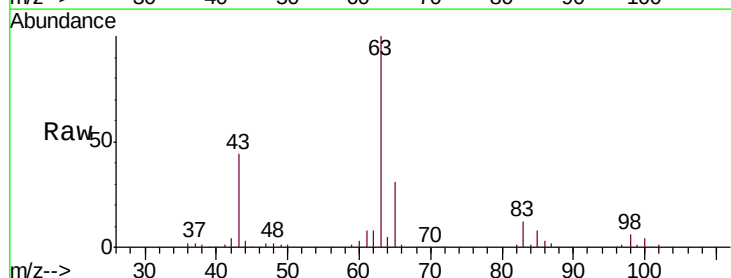
Tgt Ion: 63 Resp: 244576

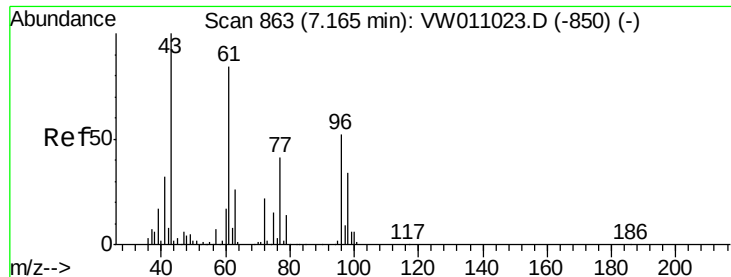
Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.4

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 266.470 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

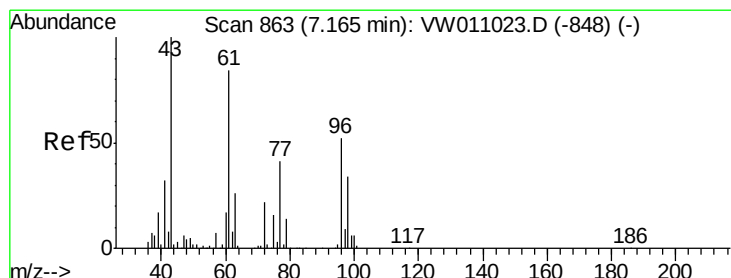
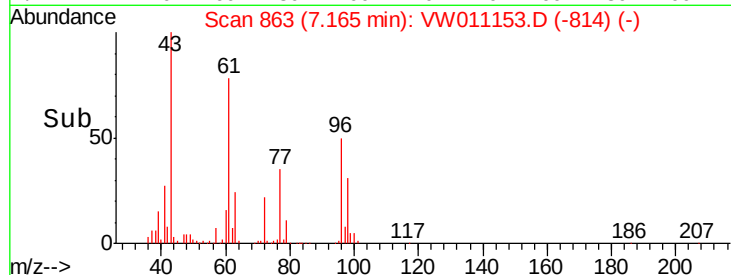
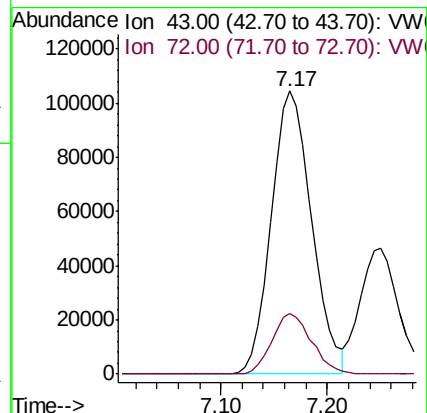
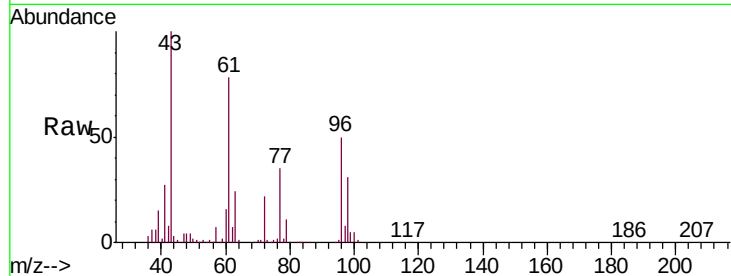
VSTDCCC050EC

Tgt Ion: 43 Resp: 274446

Ion Ratio Lower Upper

43 100

72 21.5 17.2 25.8



#26

2,2-Dichloropropane

Concen: 41.682 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011153.D

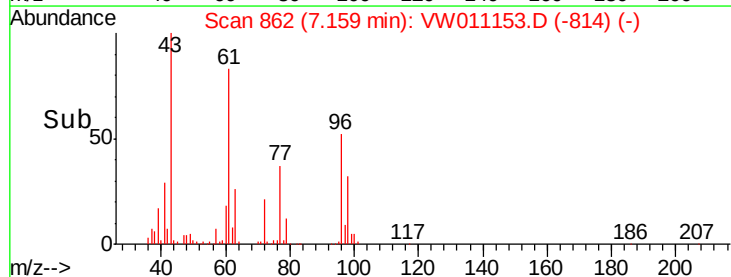
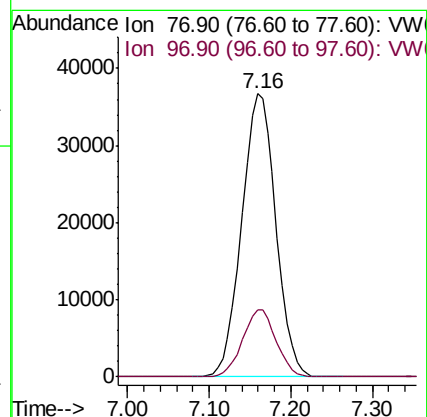
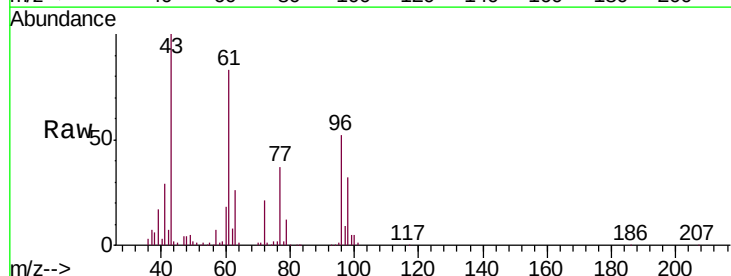
Acq: 03 Jul 2019 21:11

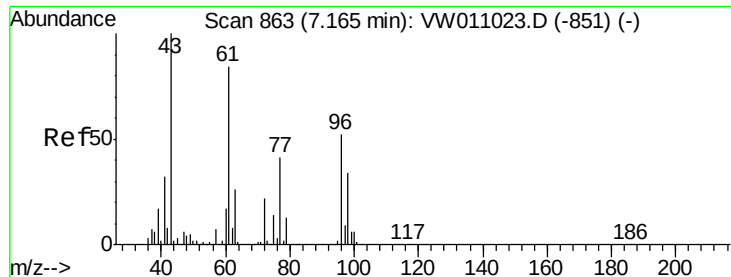
Tgt Ion: 77 Resp: 106347

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.7



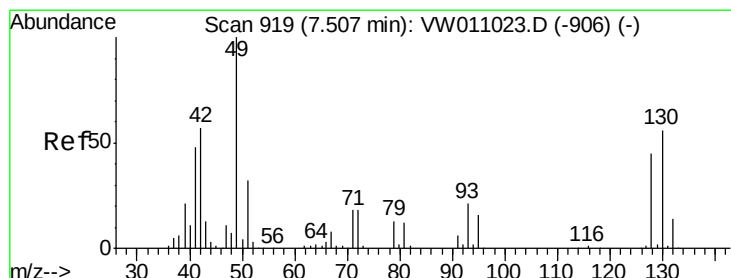
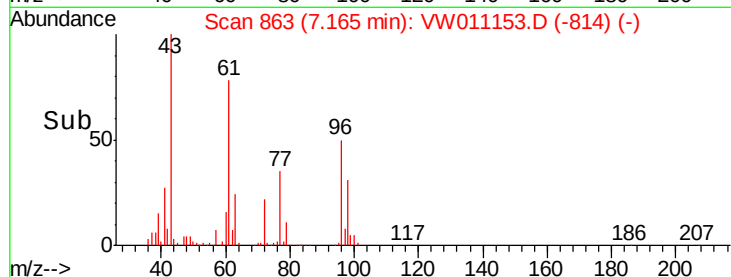
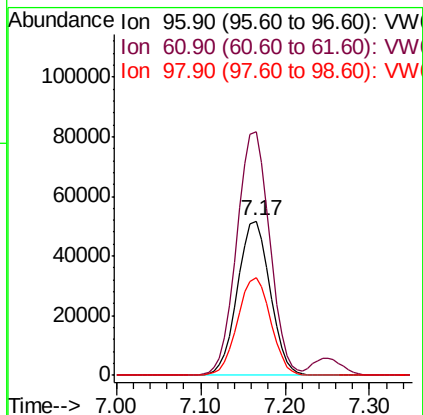
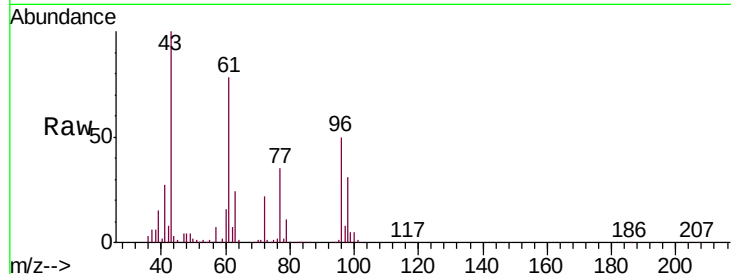


#27

cis-1,2-Dichloroethene
Concen: 50.924 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

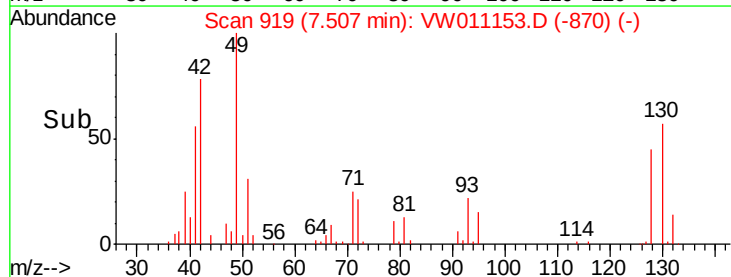
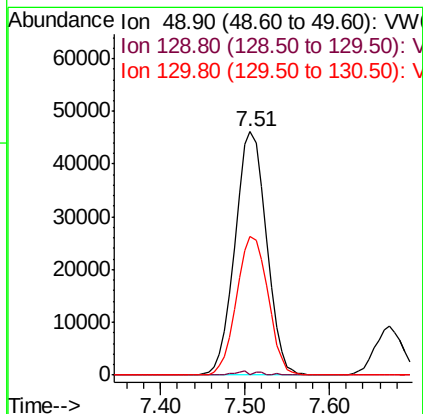
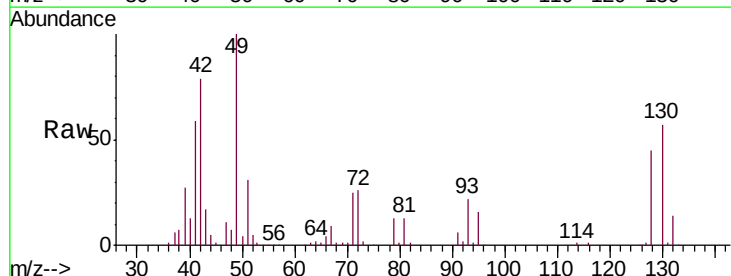
Tgt Ion: 96 Resp: 135806
Ion Ratio Lower Upper
96 100
61 159.6 0.0 330.4
98 64.1 0.0 129.4

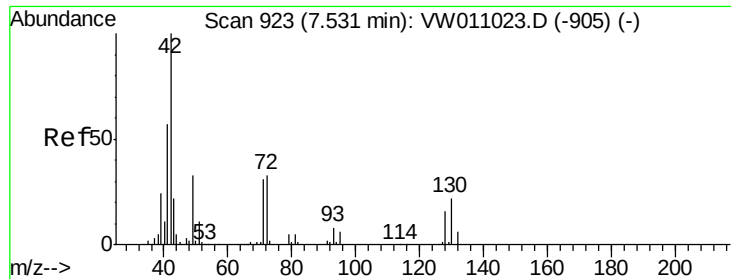


#28

Bromochloromethane
Concen: 50.957 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 49 Resp: 116569
Ion Ratio Lower Upper
49 100
129 0.4 0.0 3.4
130 56.9 46.1 69.1

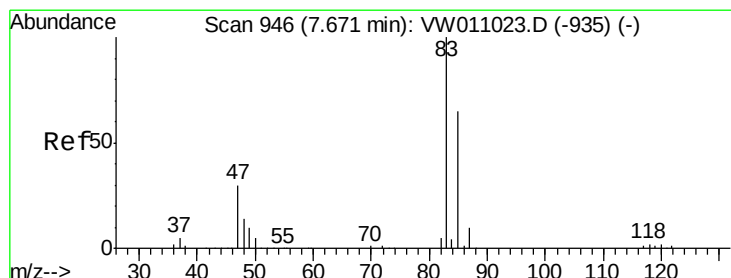
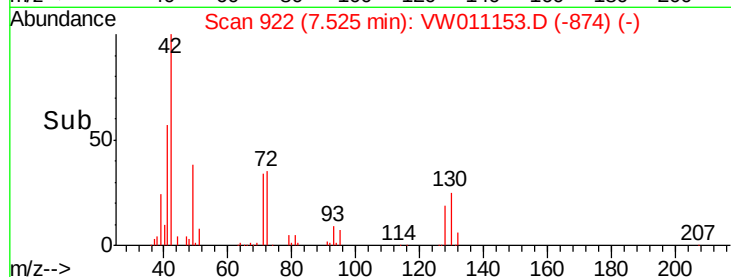
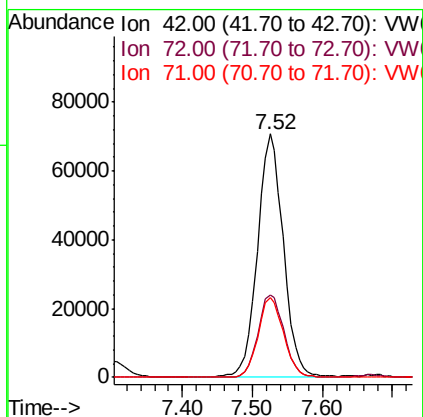
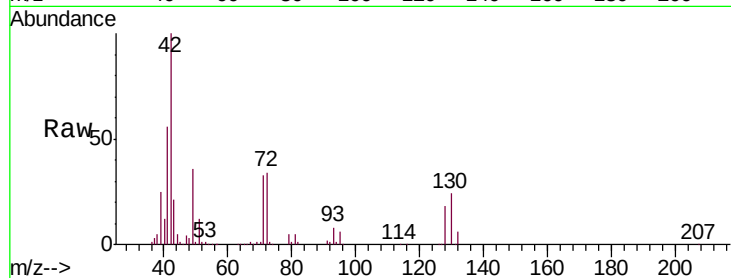




#29
Tetrahydrofuran
Concen: 283.315 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

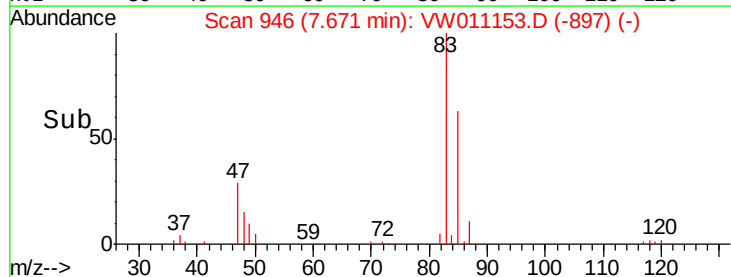
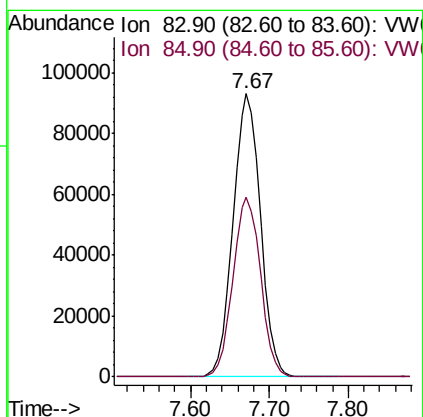
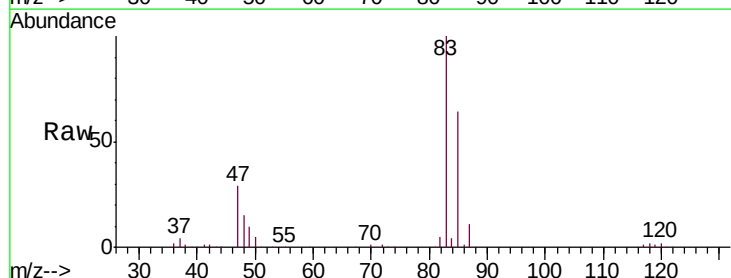
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

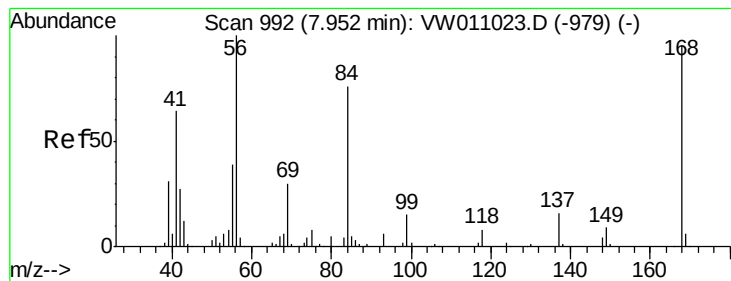
Tgt Ion: 42 Resp: 181645
Ion Ratio Lower Upper
42 100
72 34.1 27.4 41.0
71 32.3 25.6 38.4



#30
Chloroform
Concen: 50.382 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 83 Resp: 224922
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4





#31

Cyclohexane

Concen: 45.373 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

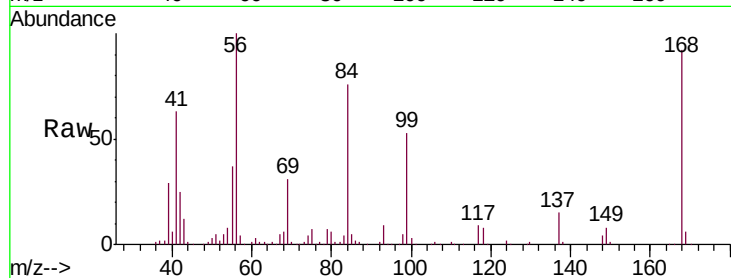
Tgt Ion: 56 Resp: 240921

Ion Ratio Lower Upper

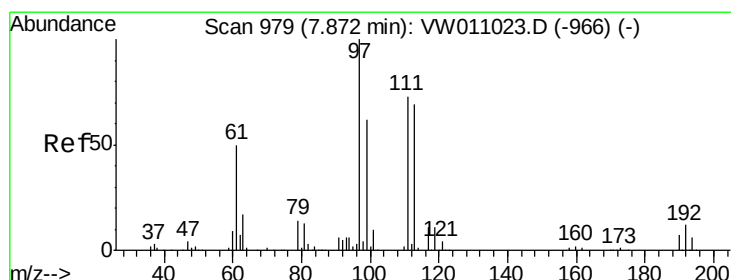
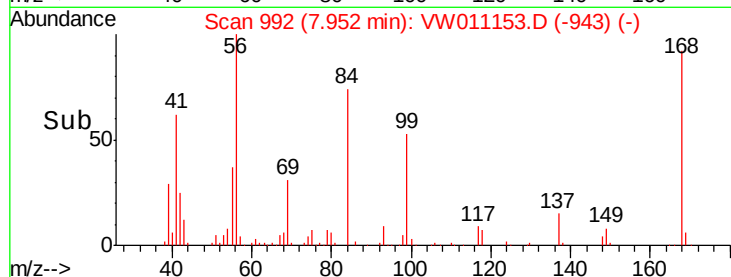
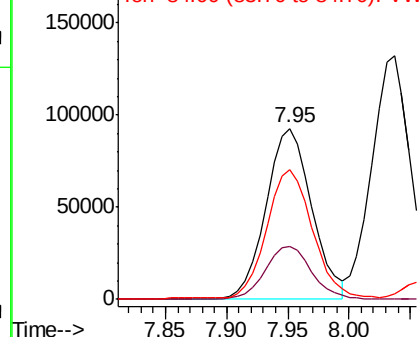
56 100

69 31.1 24.2 36.2

84 75.0 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 48.607 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

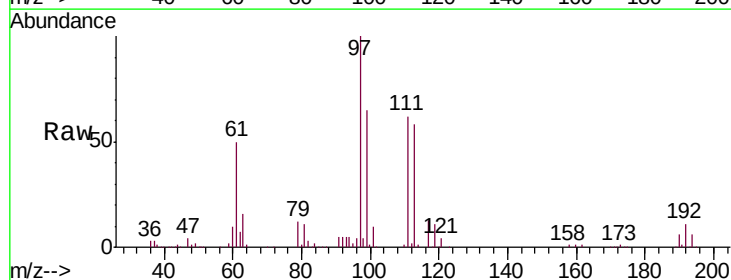
Tgt Ion: 97 Resp: 162151

Ion Ratio Lower Upper

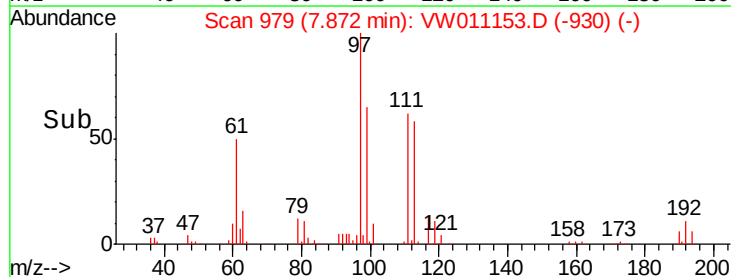
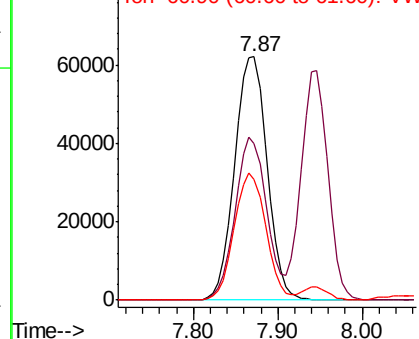
97 100

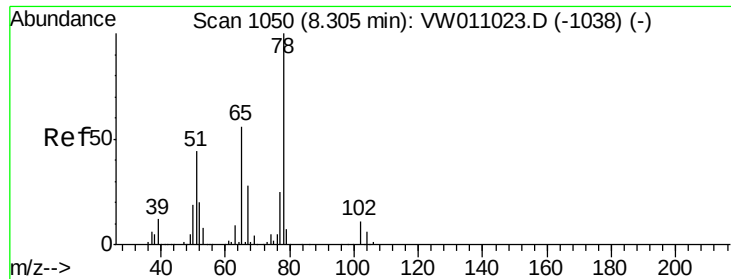
99 65.7 51.1 76.7

61 51.1 41.4 62.2



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

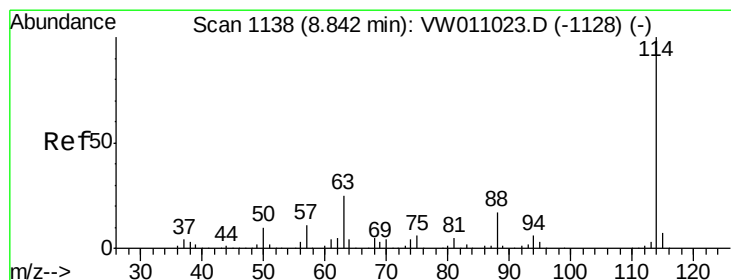
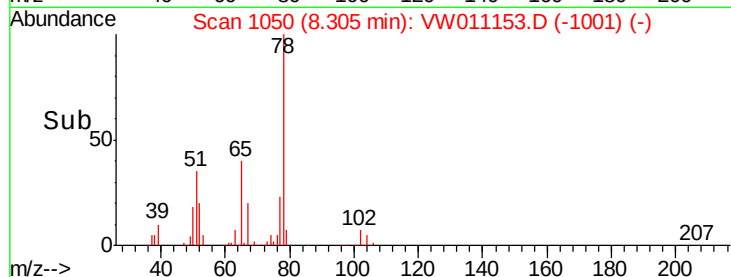
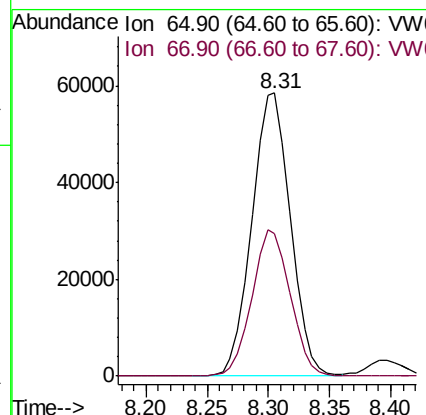
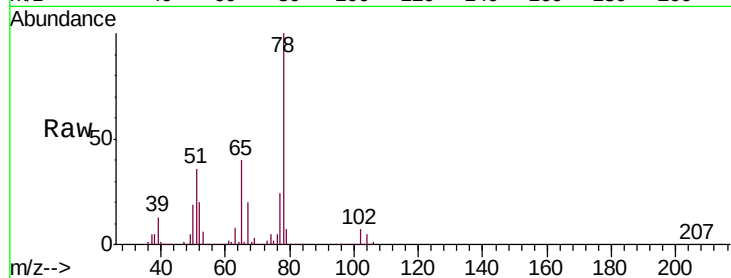




#33
 1,2-Dichloroethane-d4
 Concen: 46.294 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

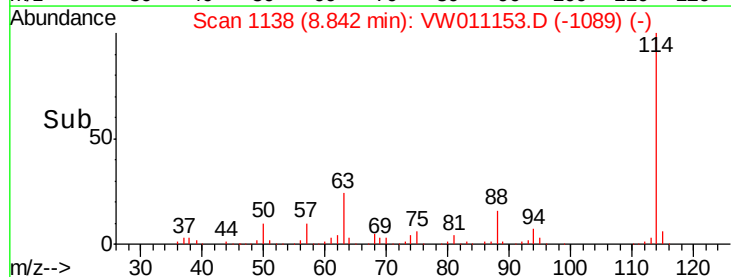
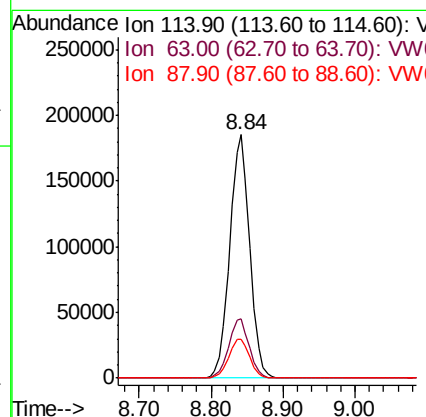
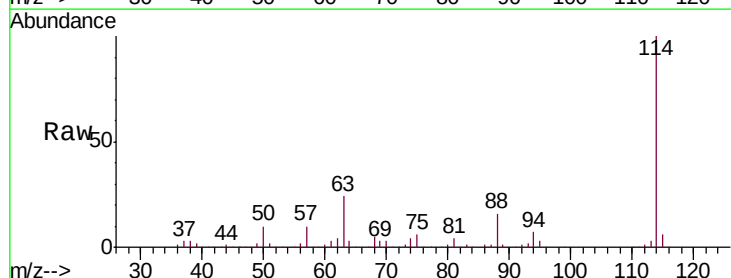
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

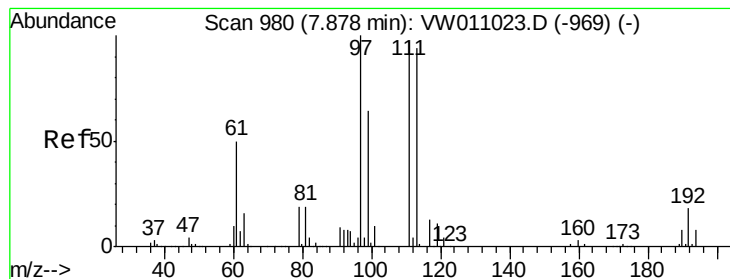
Tgt Ion: 65 Resp: 128505
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 114 Resp: 356352
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.6
 88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.321 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

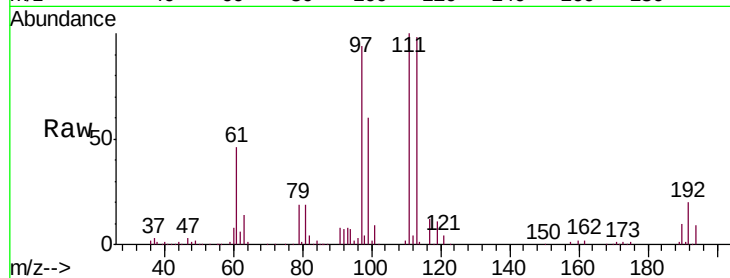
Tgt Ion: 113 Resp: 98619

Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.6

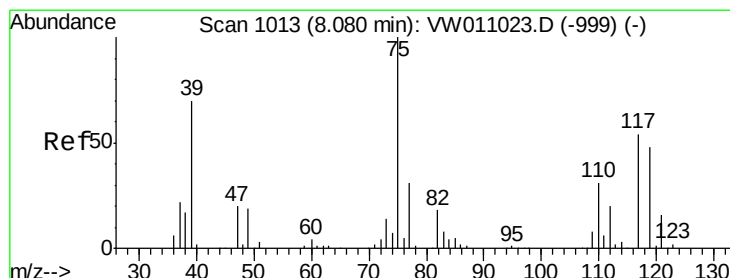
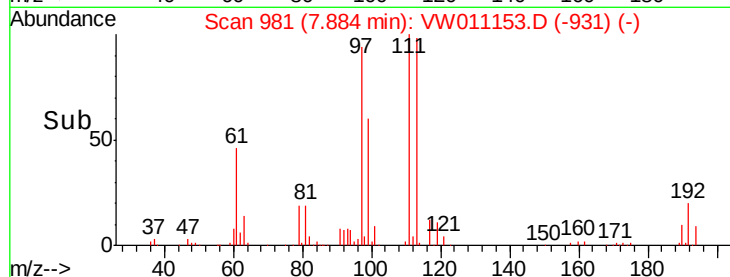
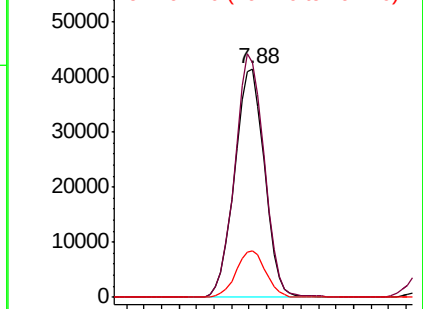
192 20.1 16.0 24.0



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: 48.183 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

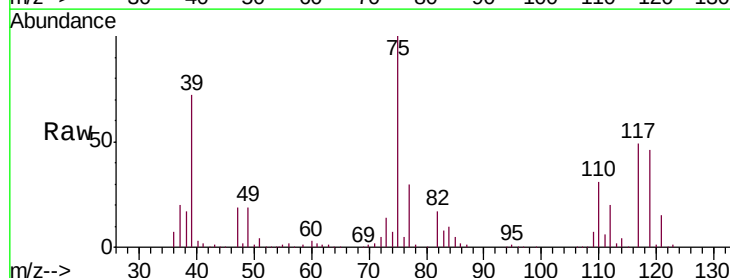
Tgt Ion: 75 Resp: 184547

Ion Ratio Lower Upper

75 100

110 30.9 15.5 46.5

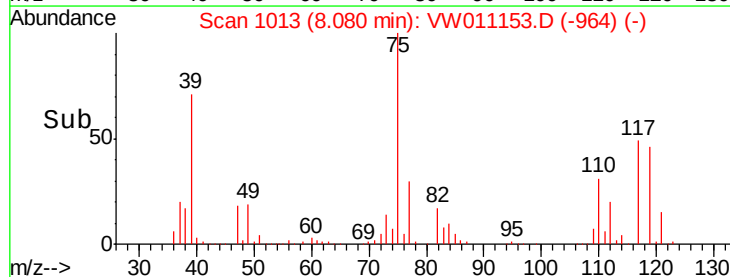
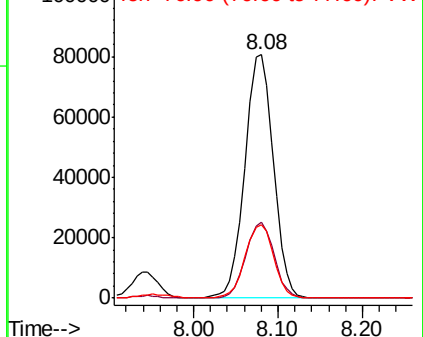
77 30.3 24.9 37.3

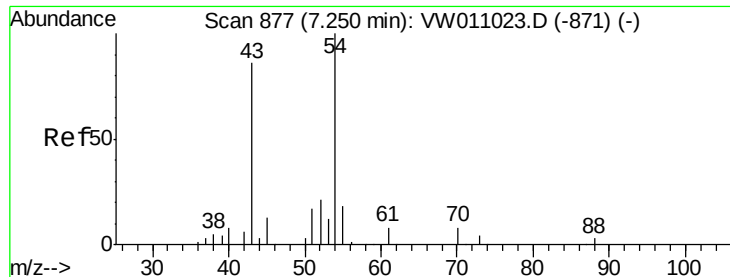


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

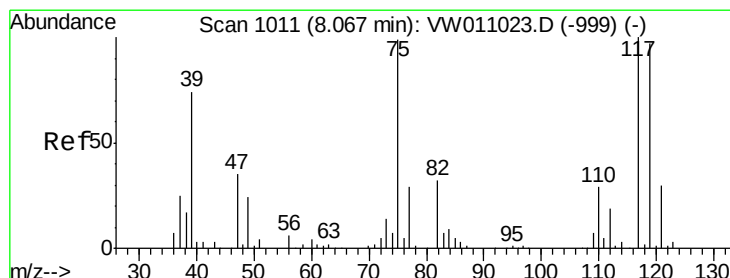
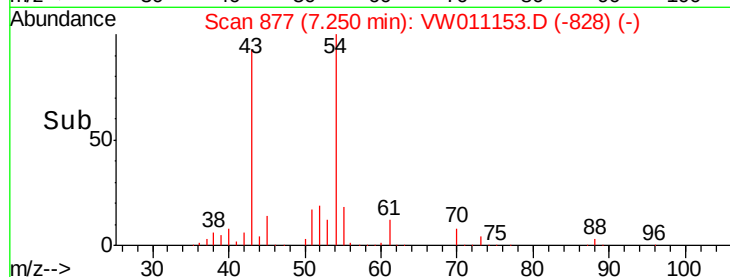
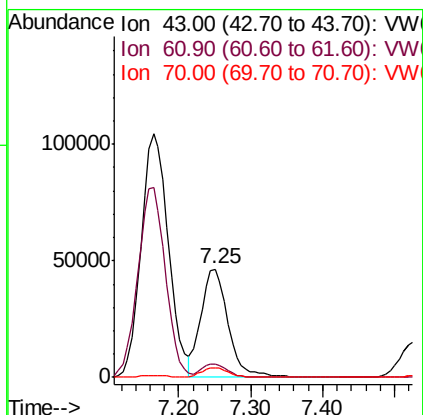
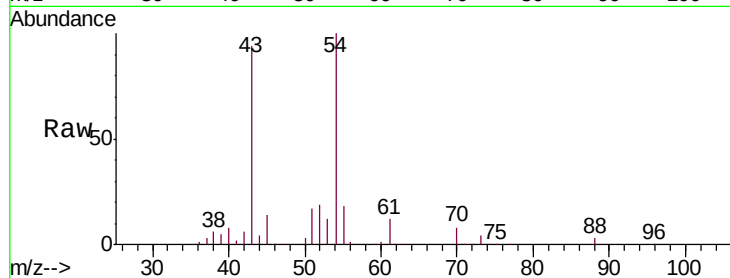




#37
Ethyl Acetate
Concen: 54.133 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

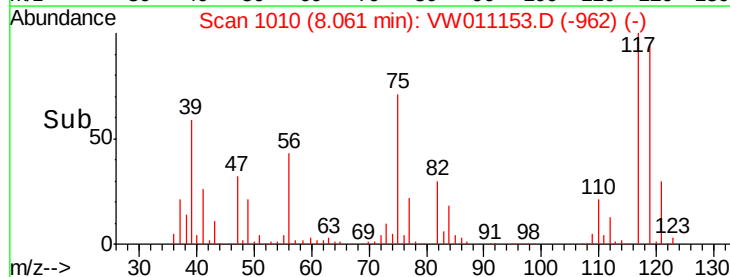
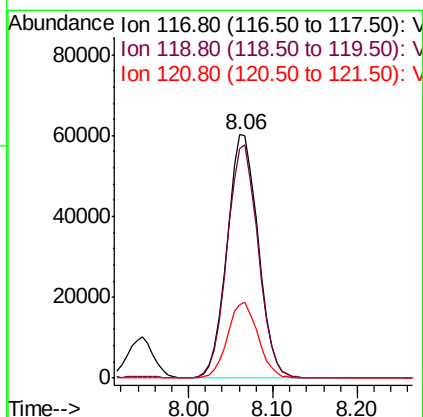
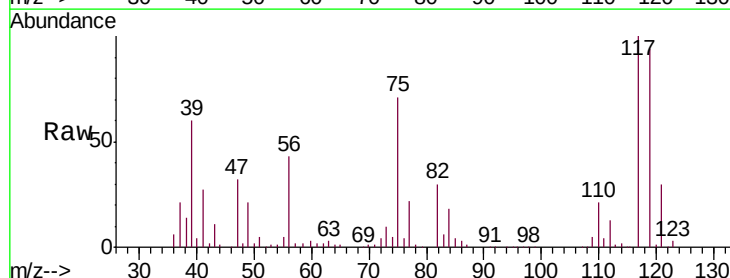
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

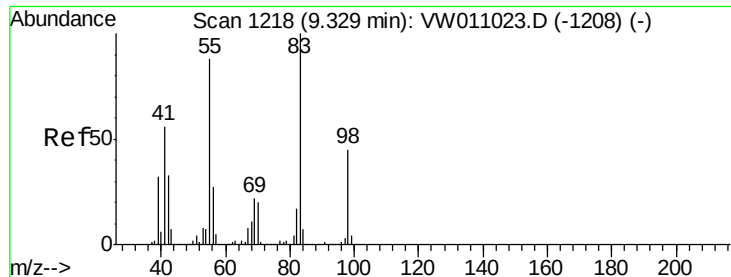
Tgt Ion: 43 Resp: 120617
Ion Ratio Lower Upper
43 100
61 11.8 9.0 13.4
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.779 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 117 Resp: 150705
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5
121 29.9 23.9 35.9

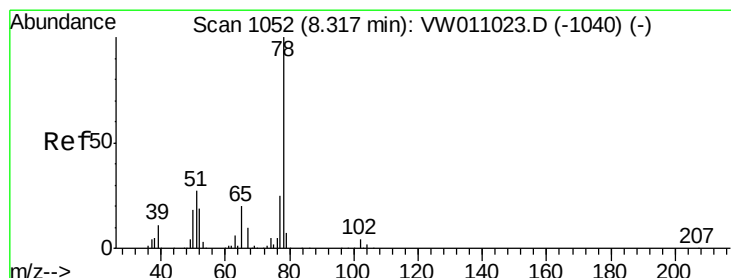
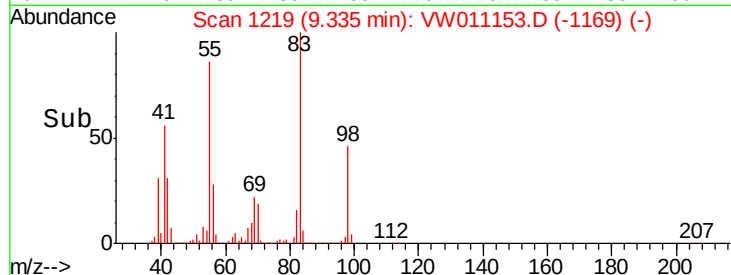
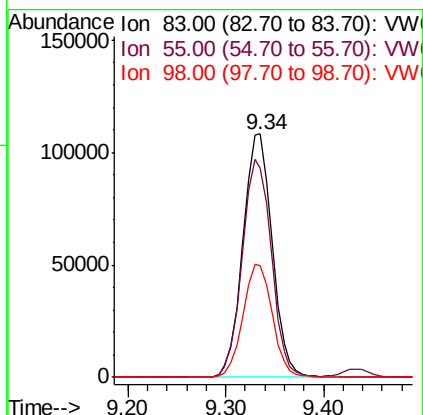
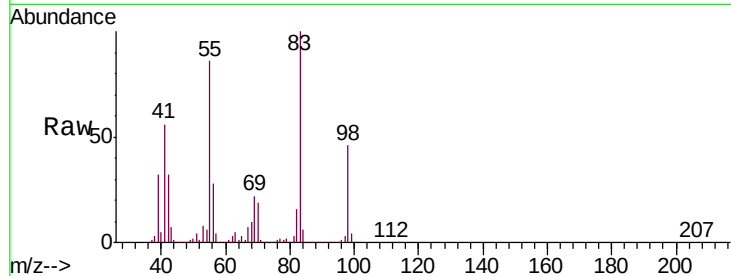




#39
Methylcyclohexane
Concen: 47.988 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

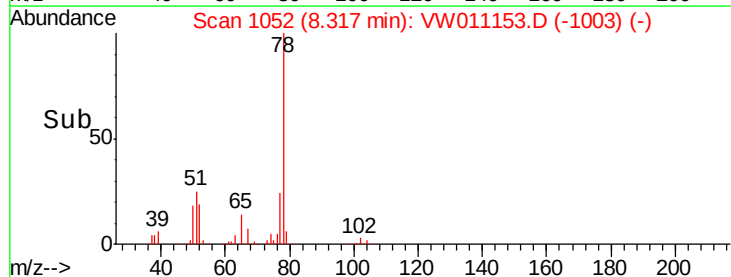
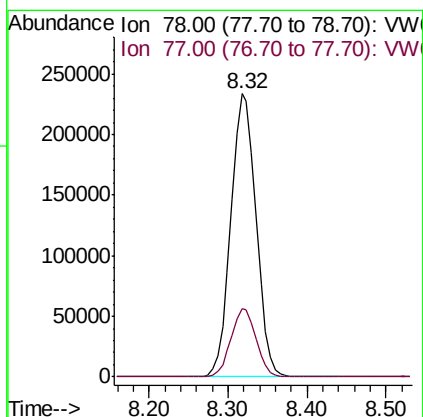
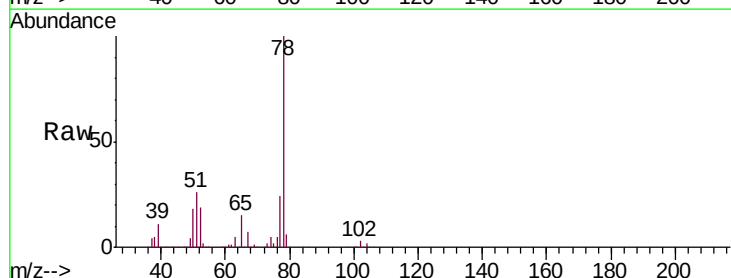
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

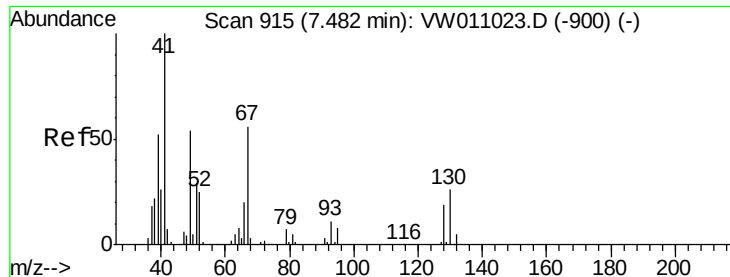
Tgt Ion: 83 Resp: 226196
Ion Ratio Lower Upper
83 100
55 85.6 70.7 106.1
98 45.7 36.4 54.6



#40
Benzene
Concen: 49.371 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 78 Resp: 520099
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5

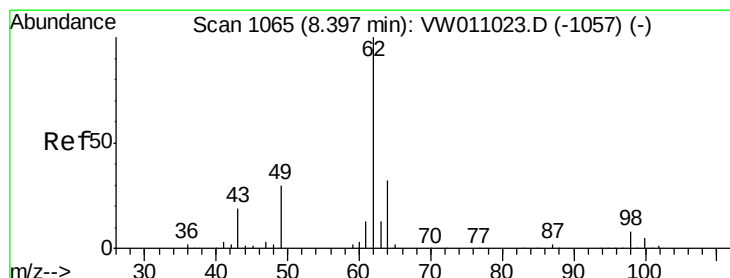
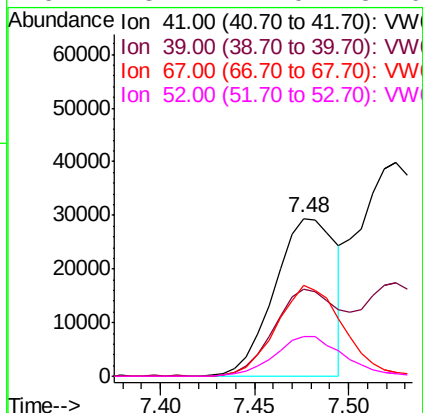
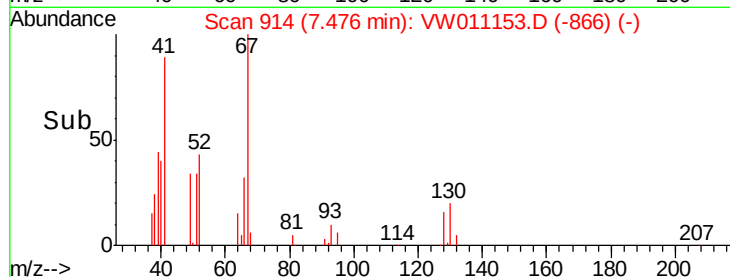
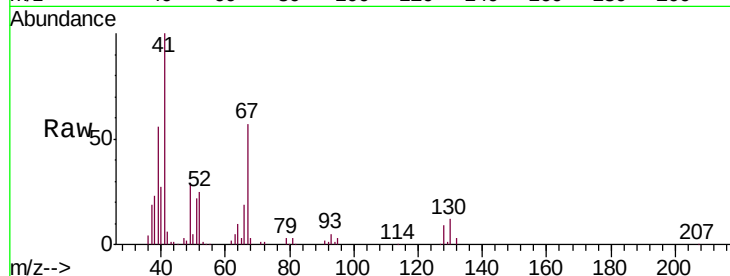




#41
Methacrylonitrile
Concen: 49.258 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

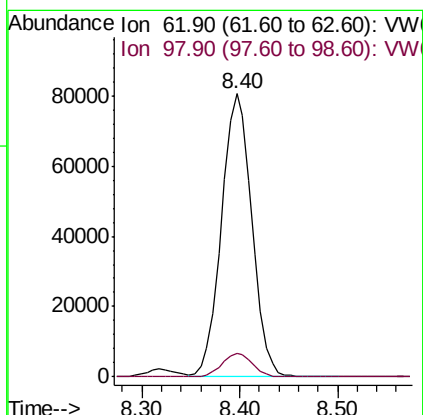
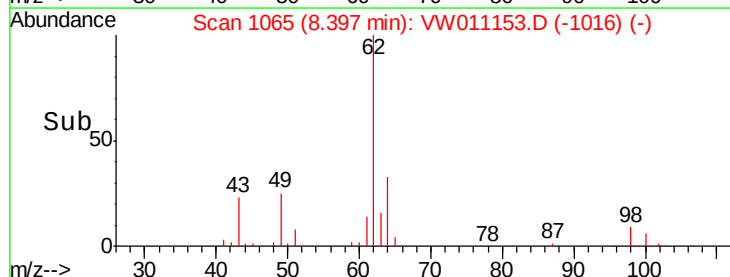
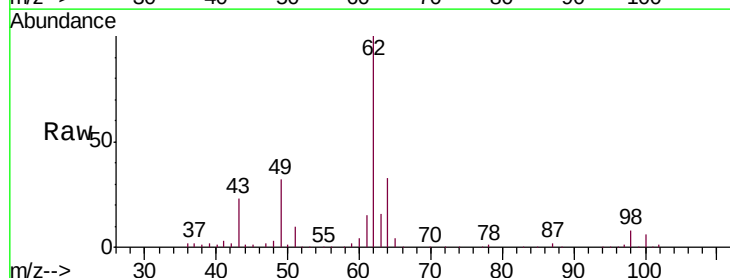
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

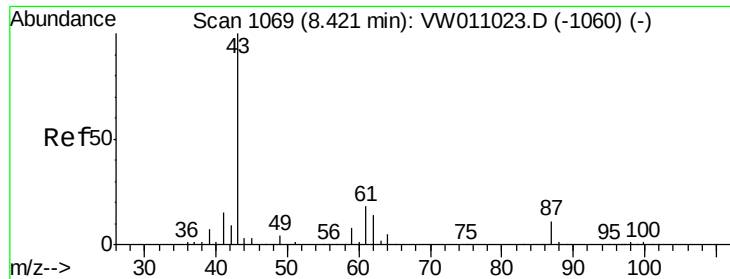
Tgt Ion:	41	Resp:	66775
Ion	Ratio	Lower	Upper
41	100		
39	60.3	42.1	63.1
67	63.0	44.2	66.2
52	28.1	21.0	31.6



#42
1,2-Dichloroethane
Concen: 50.217 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:	62	Resp:	173455
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 54.115 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

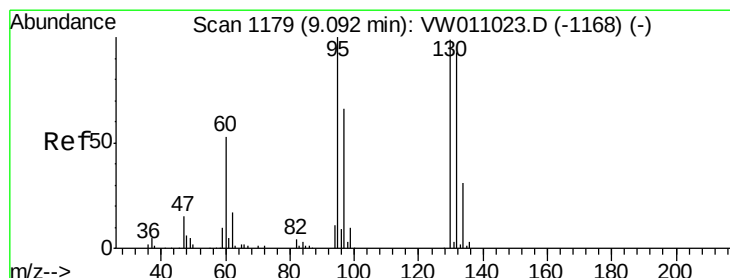
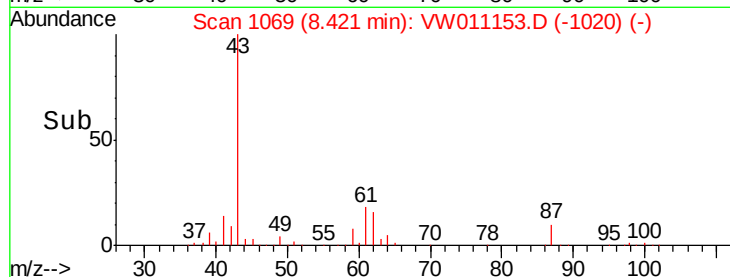
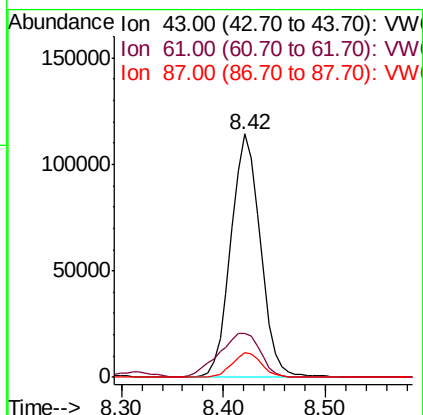
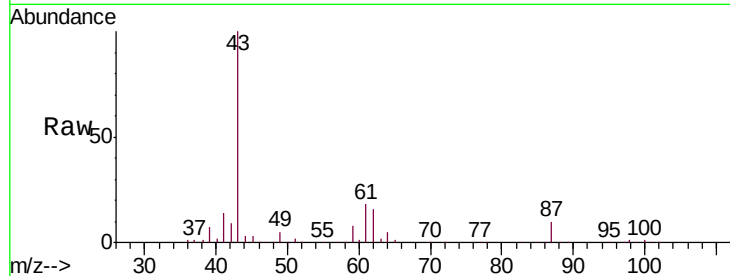
Tgt Ion: 43 Resp: 228102

Ion Ratio Lower Upper

43 100

61 25.8 21.0 31.6

87 10.0 8.2 12.4



#44

Trichloroethene

Concen: 48.331 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011153.D

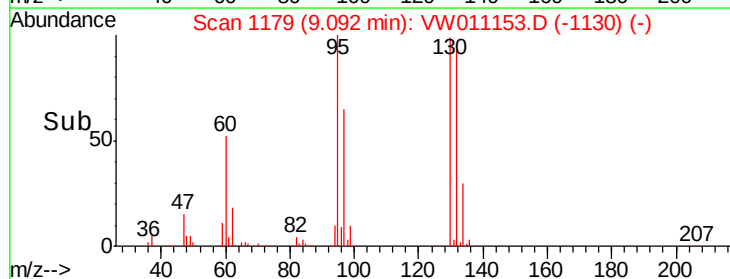
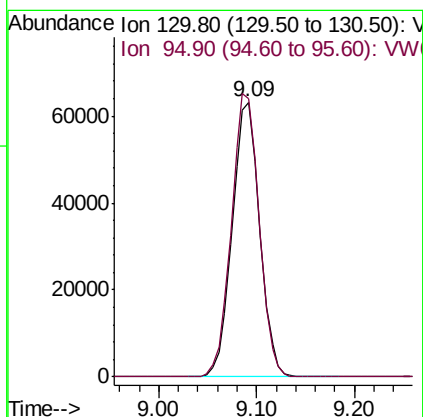
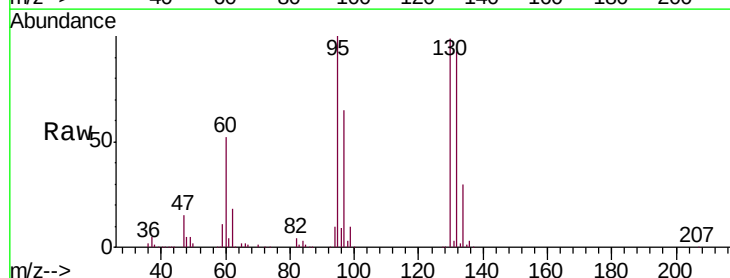
Acq: 03 Jul 2019 21:11

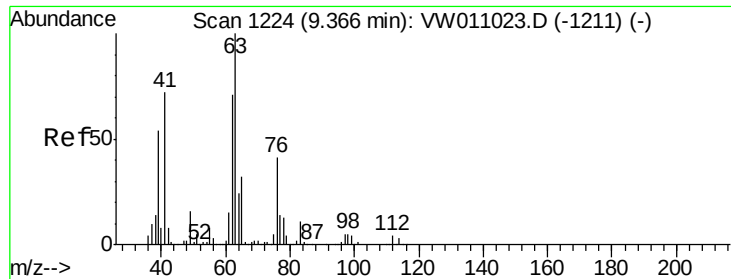
Tgt Ion: 130 Resp: 123049

Ion Ratio Lower Upper

130 100

95 101.3 0.0 202.0

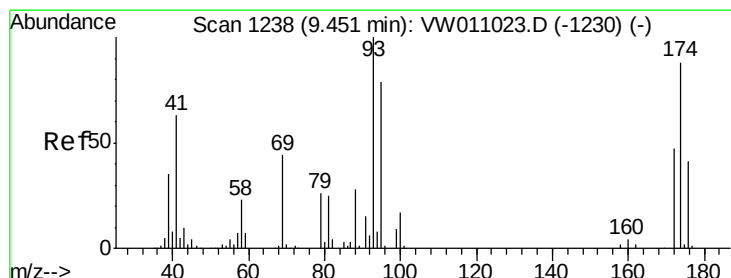
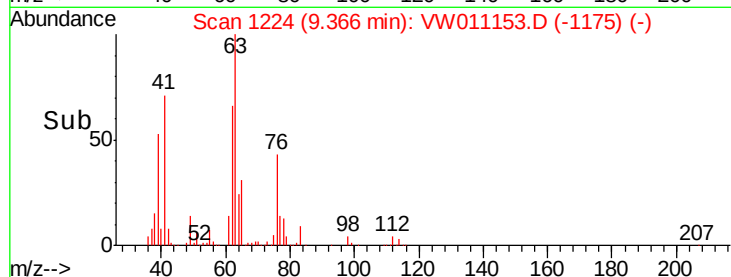
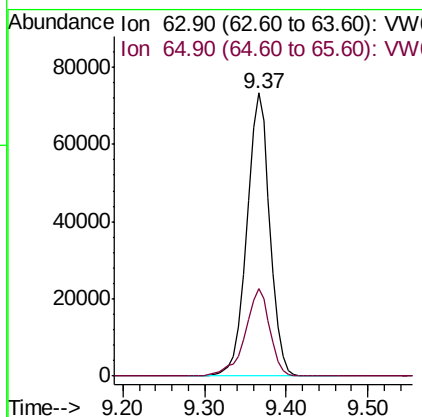
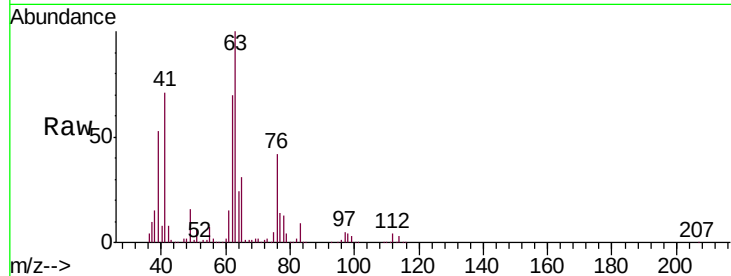




#45
 1,2-Dichloropropane
 Concen: 50.180 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

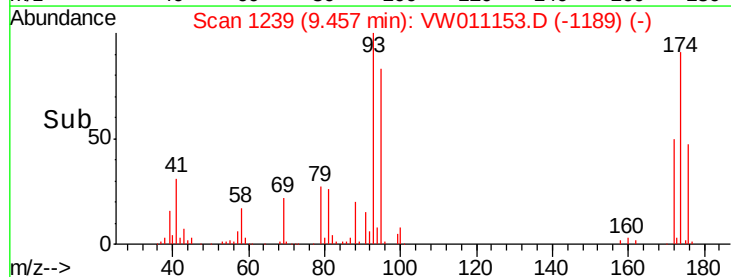
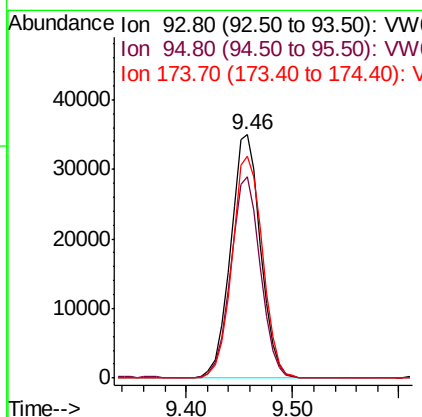
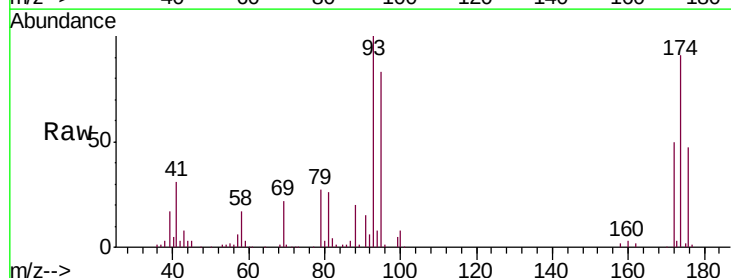
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

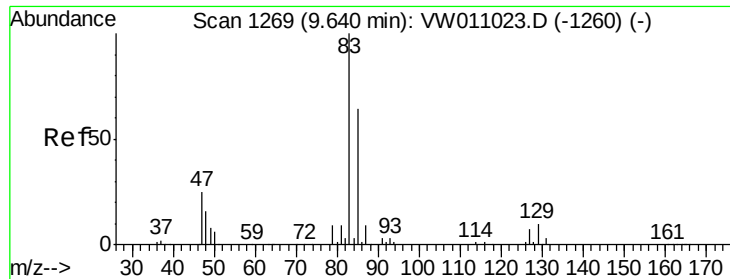
Tgt Ion: 63 Resp: 143552
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.6 38.4



#46
 Dibromomethane
 Concen: 51.599 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 93 Resp: 69036
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.8 98.6
 174 92.5 75.4 113.0

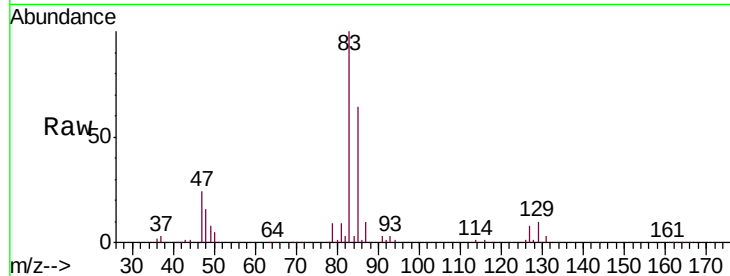




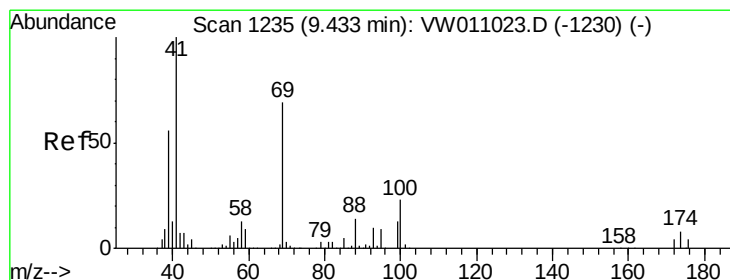
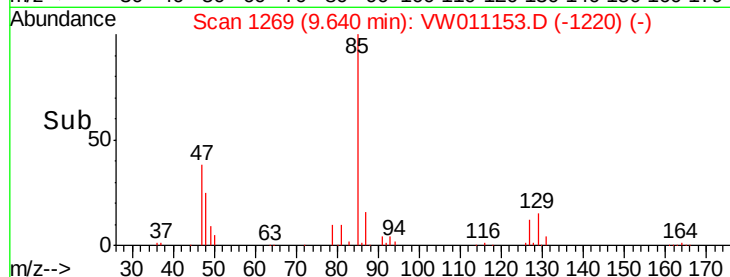
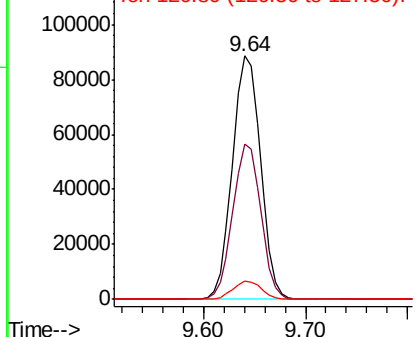
#47
Bromodichloromethane
Concen: 51.061 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 169142
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4
127 7.7 5.8 8.8

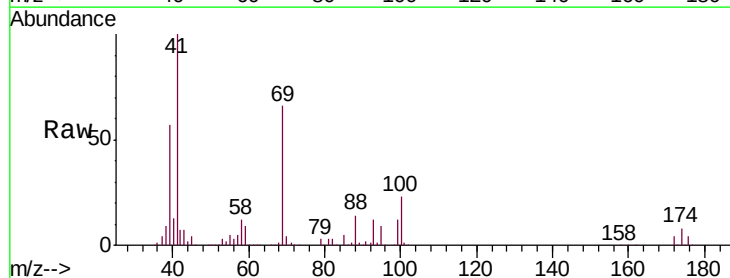


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

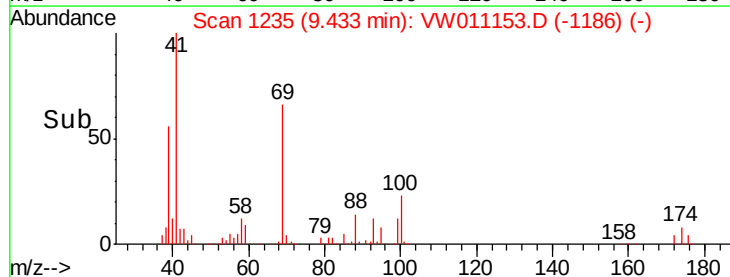
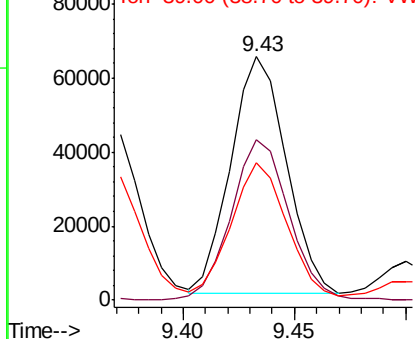


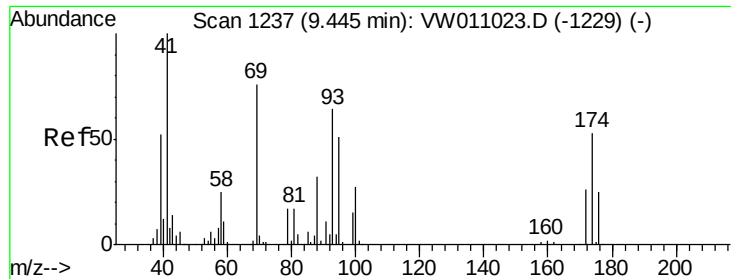
#48
Methyl methacrylate
Concen: 54.212 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 41 Resp: 110798
Ion Ratio Lower Upper
41 100
69 70.8 56.7 85.1
39 55.1 45.0 67.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

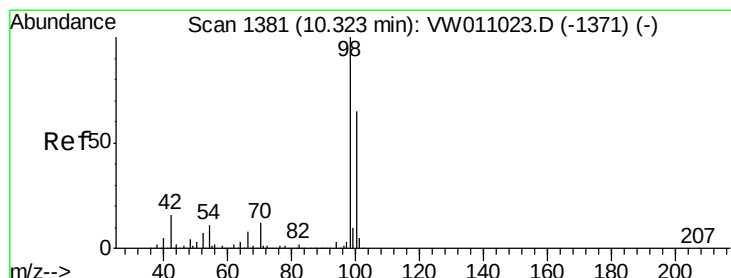
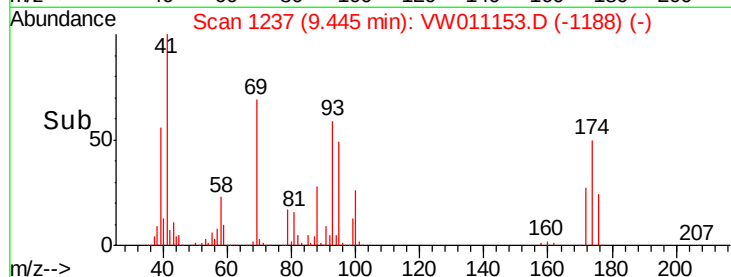
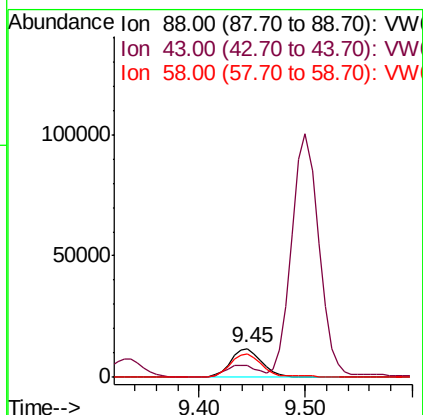
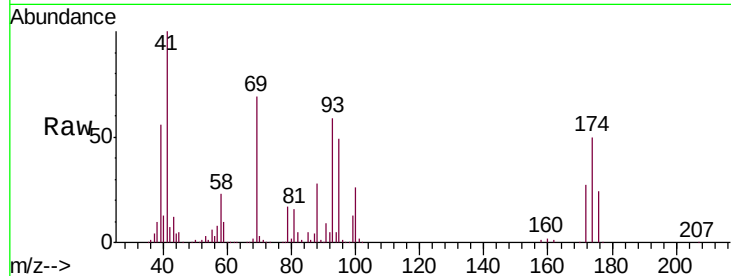




#49
 1,4-Dioxane
 Concen: 1092.169 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

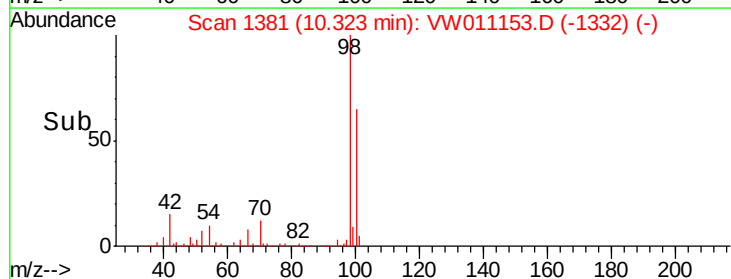
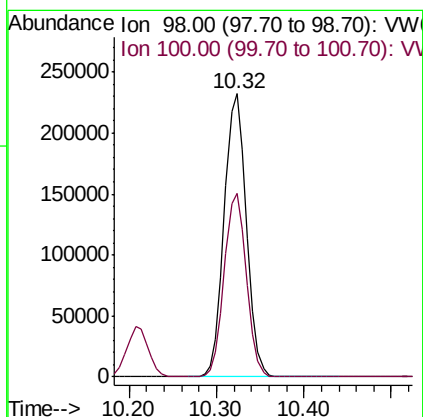
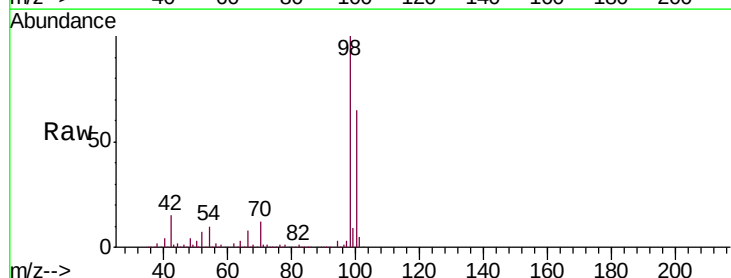
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

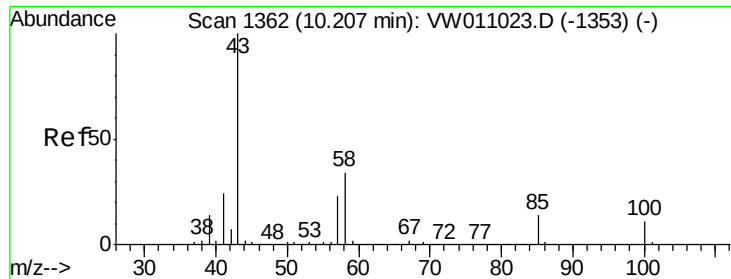
Tgt Ion: 88 Resp: 24569
 Ion Ratio Lower Upper
 88 100
 43 42.7 34.4 51.6
 58 86.1 65.2 97.8



#50
 Toluene-d8
 Concen: 45.465 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 98 Resp: 407234
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 276.559 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

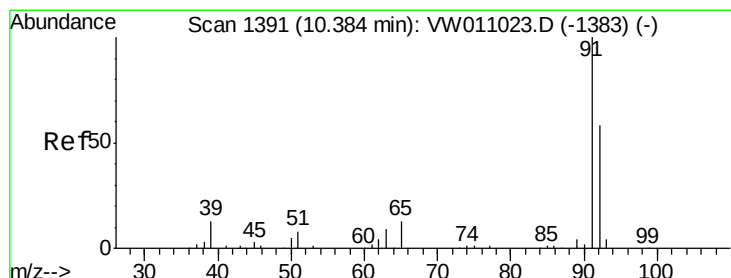
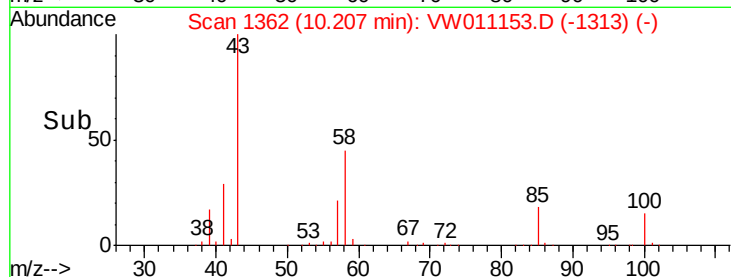
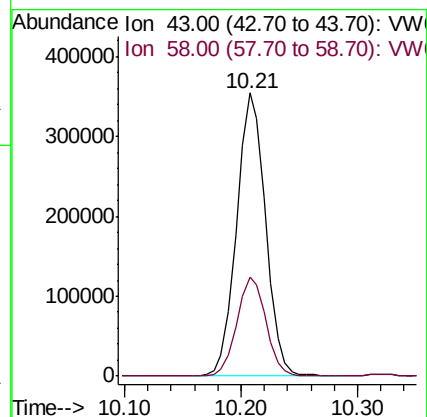
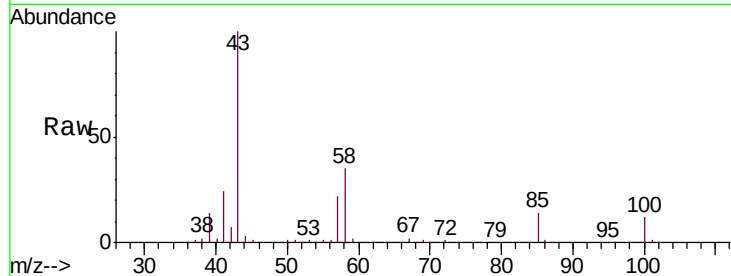
VSTDCCC050EC

Tgt Ion: 43 Resp: 613626

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.6



#52

Toluene

Concen: 49.674 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011153.D

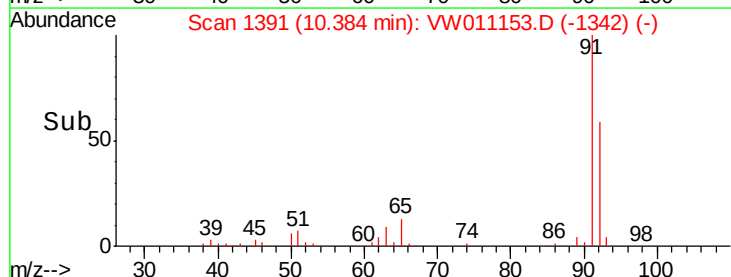
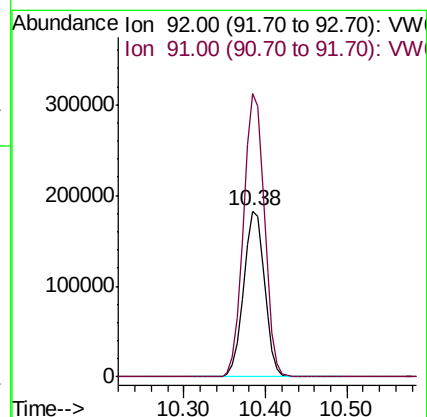
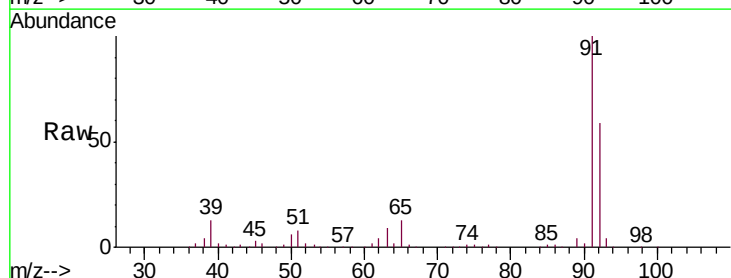
Acq: 03 Jul 2019 21:11

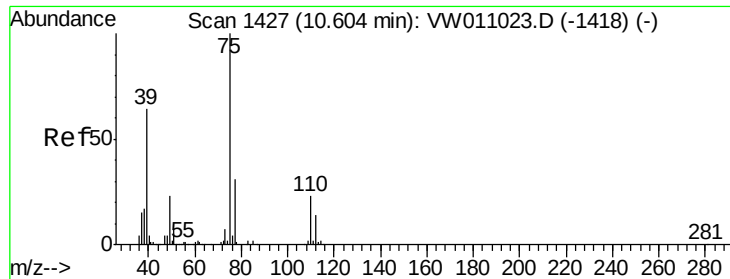
Tgt Ion: 92 Resp: 320377

Ion Ratio Lower Upper

92 100

91 171.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.104 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

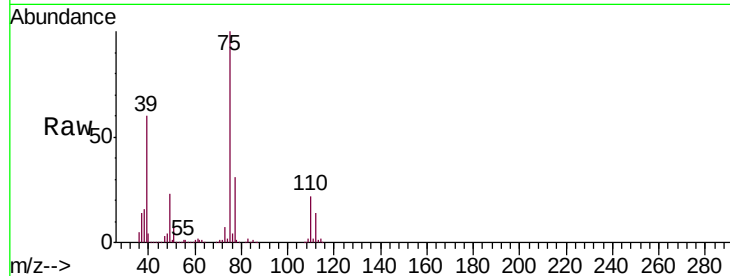
VSTDCCC050EC

Tgt Ion: 75 Resp: 176324

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

120000

100000

80000

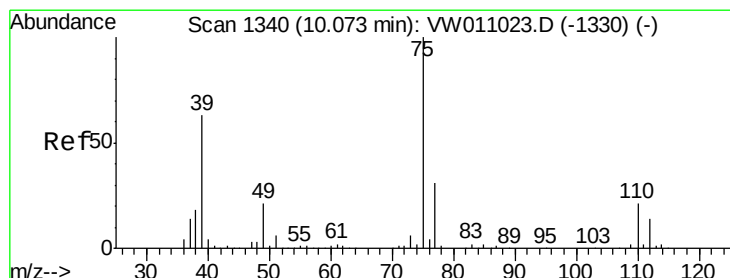
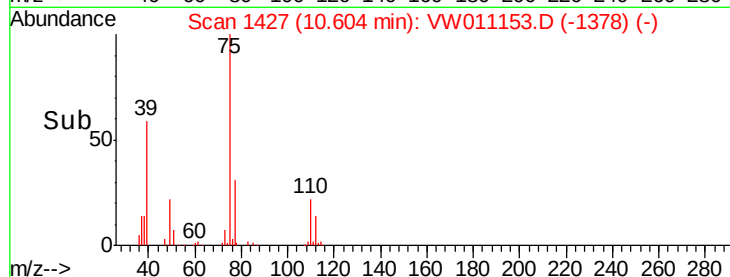
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.881 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

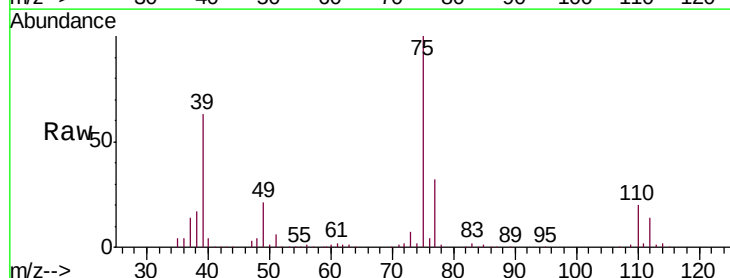
Tgt Ion: 75 Resp: 209418

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 62.9 50.0 75.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

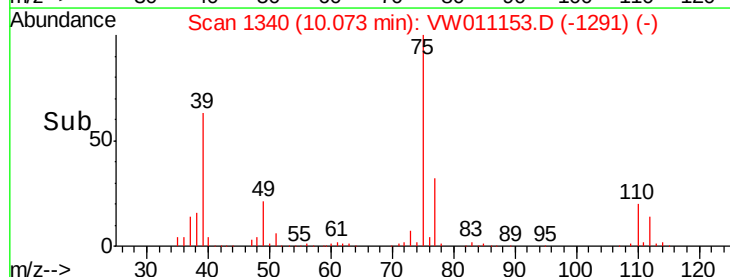
150000

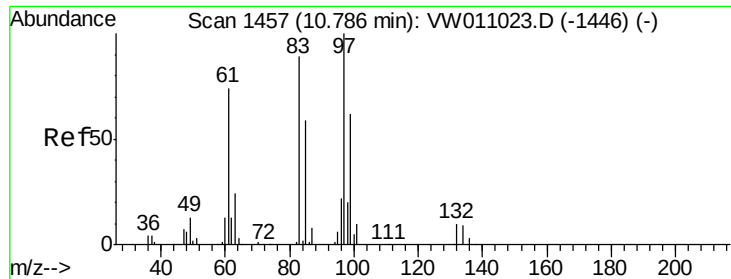
100000

50000

0

Time--> 10.00 10.10

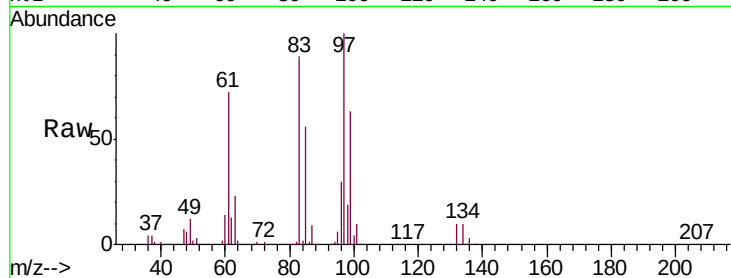




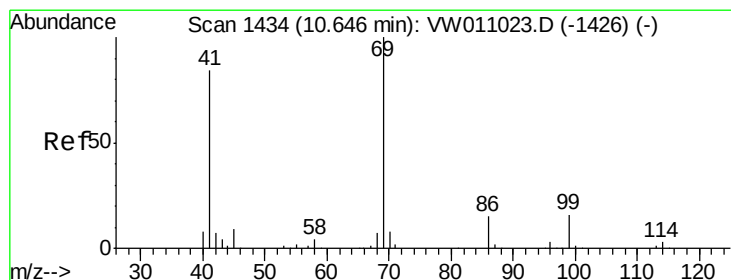
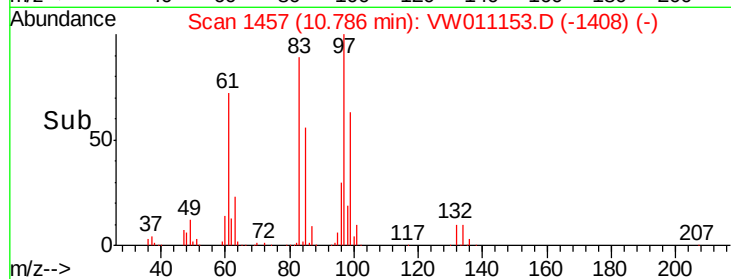
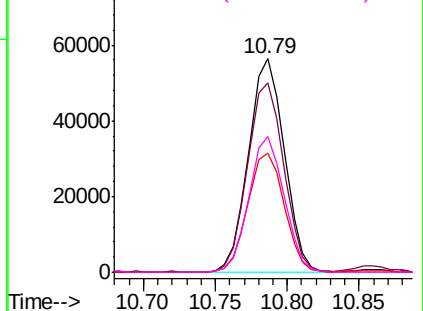
#55
 1,1,2-Trichloroethane
 Concen: 51.381 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	97123
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.9	106.3
85	55.7	47.2	70.8
99	63.3	50.0	75.0

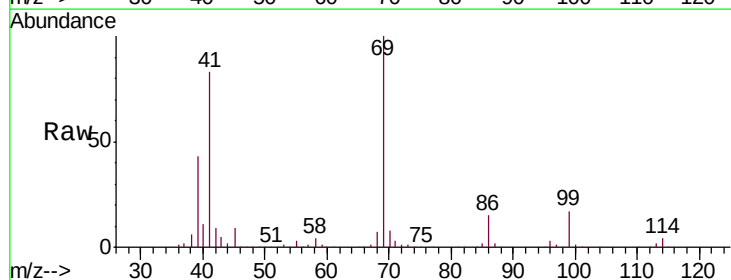


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

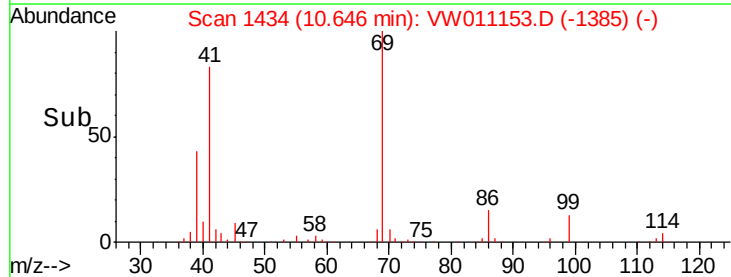
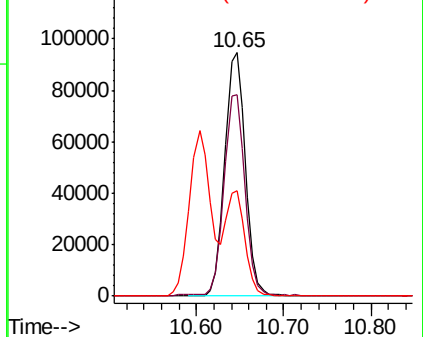


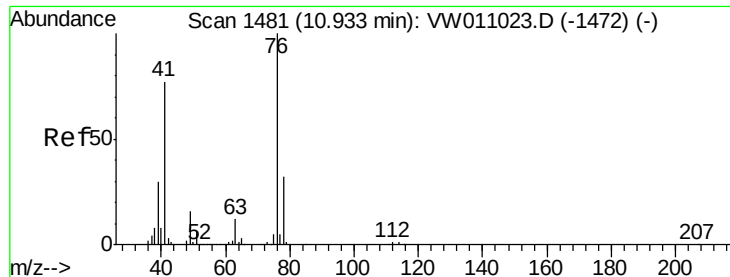
#56
 Ethyl methacrylate
 Concen: 54.850 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion:	69	Resp:	155256
Ion	Ratio	Lower	Upper
69	100		
41	84.0	67.9	101.9
39	39.0	33.2	49.8



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

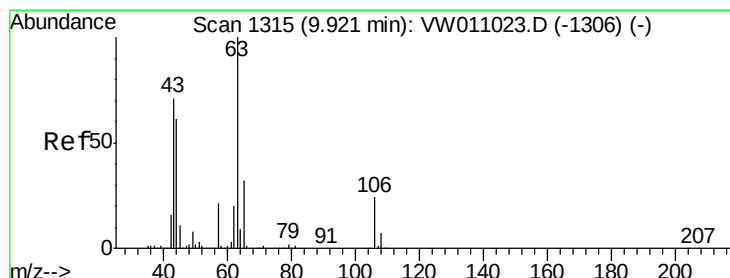
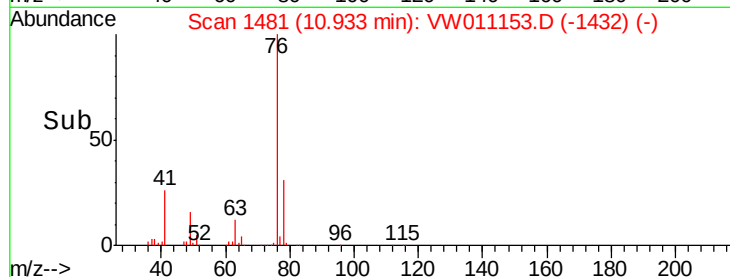
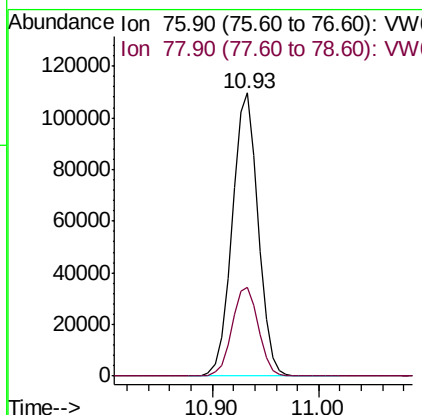
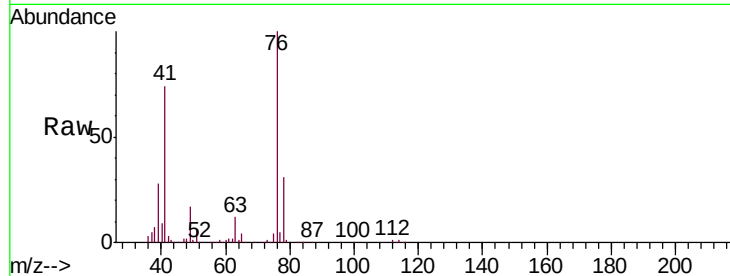




#57
 1,3-Dichloropropane
 Concen: 51.928 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

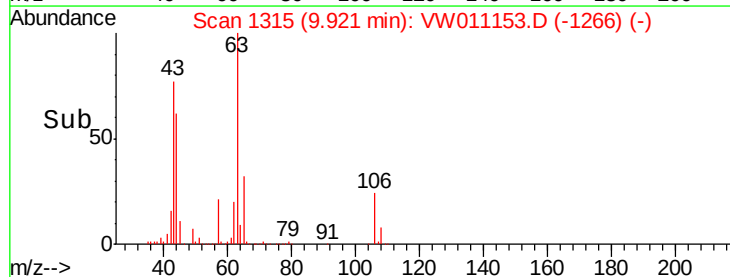
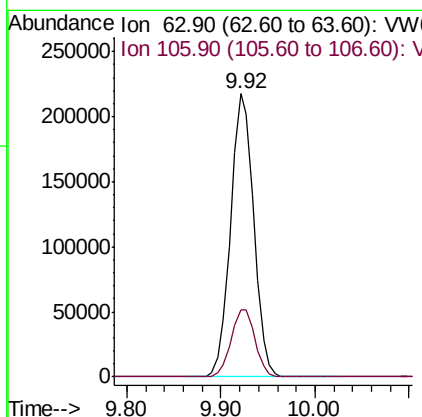
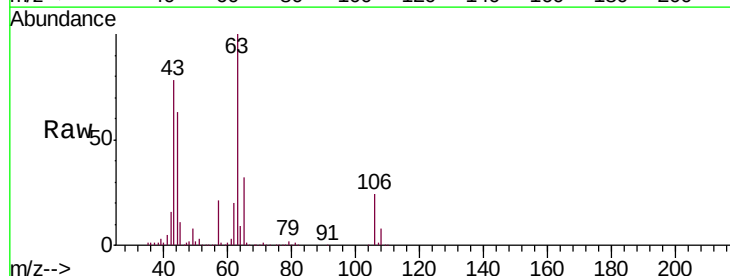
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

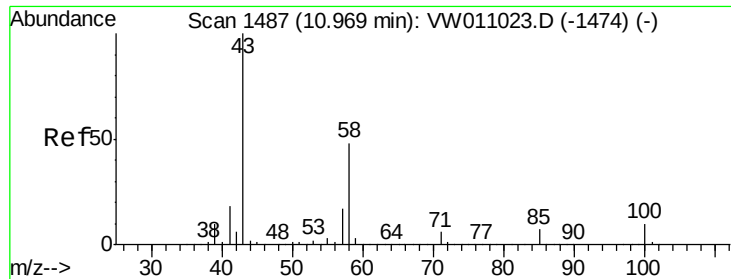
Tgt Ion: 76 Resp: 186711
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.011 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 63 Resp: 369515
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

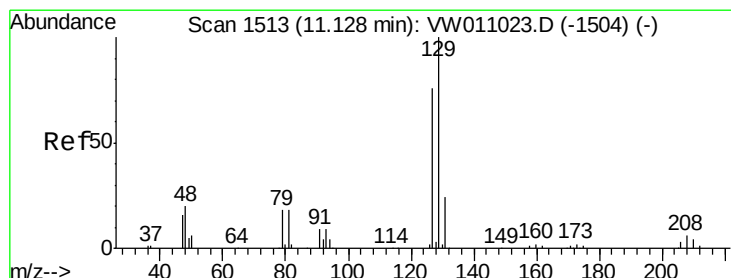
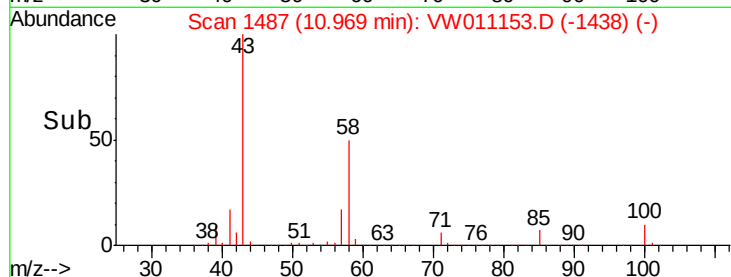
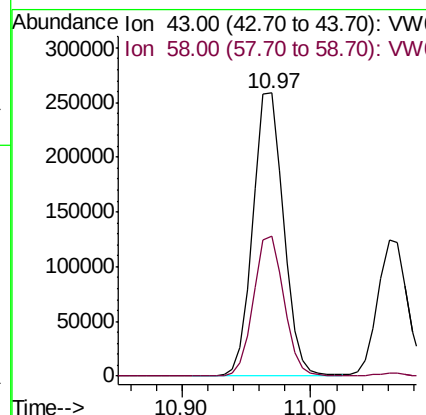
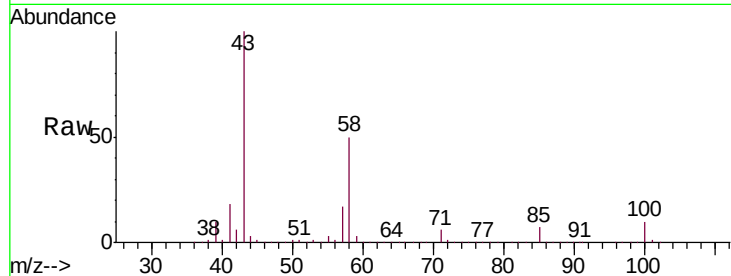




#59
2-Hexanone
Concen: 274.115 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

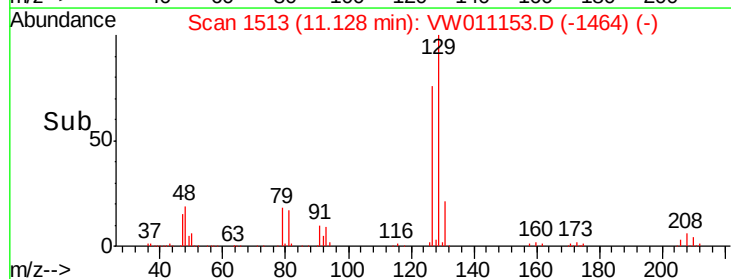
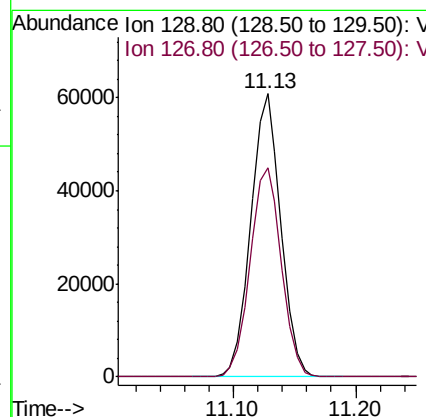
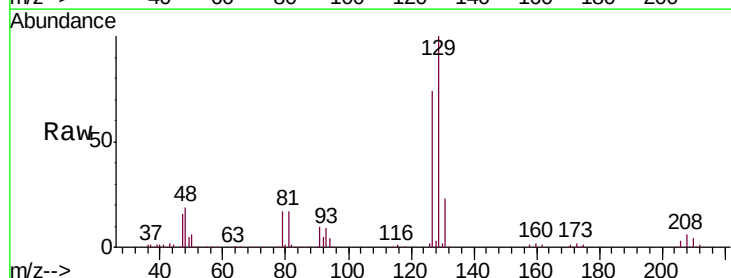
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

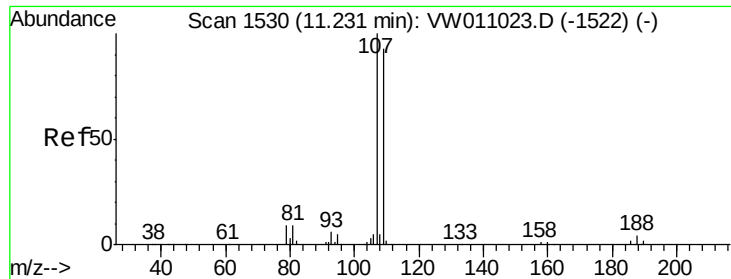
Tgt Ion: 43 Resp: 424143
Ion Ratio Lower Upper
43 100
58 49.3 23.8 71.5



#60
Dibromochloromethane
Concen: 52.363 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion: 129 Resp: 103793
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1

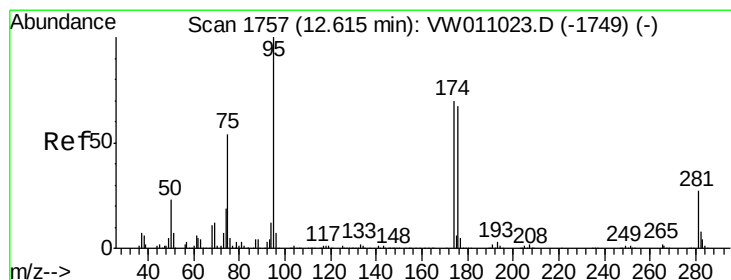
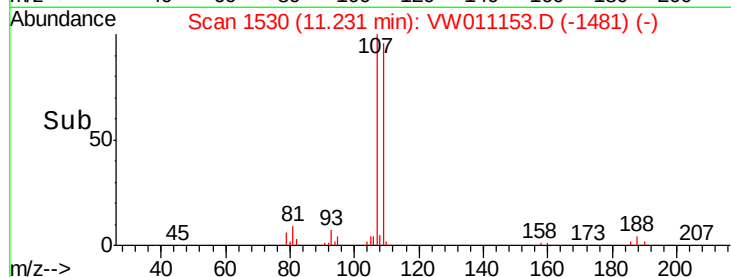
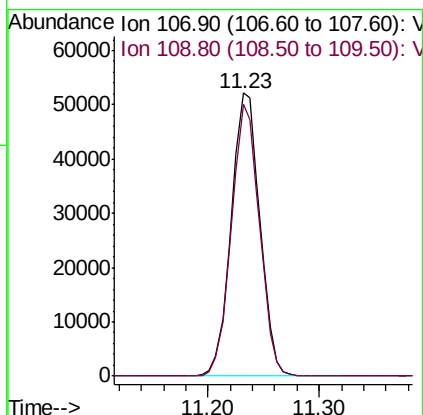
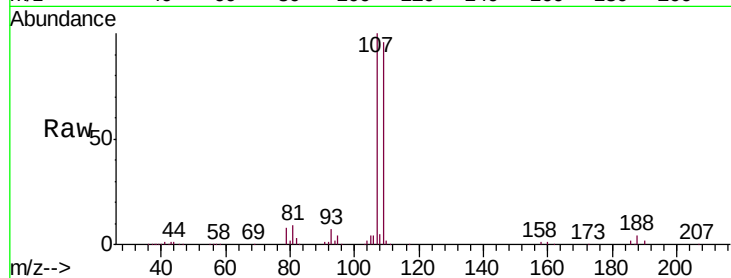




#61
 1,2-Dibromoethane
 Concen: 52.378 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

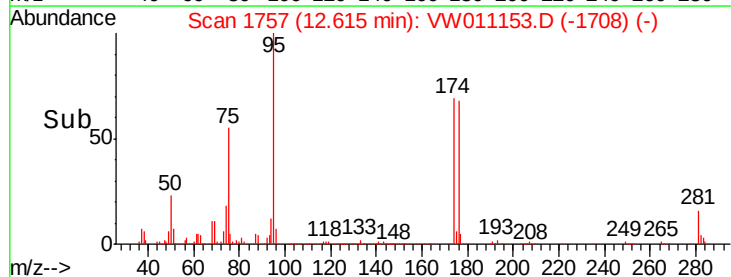
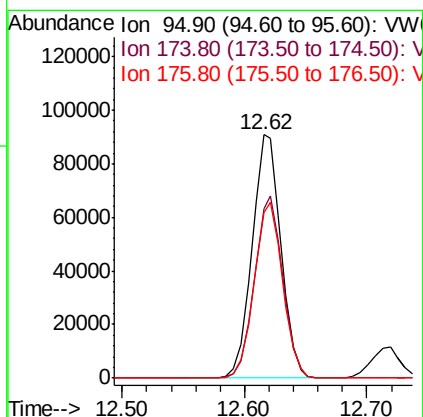
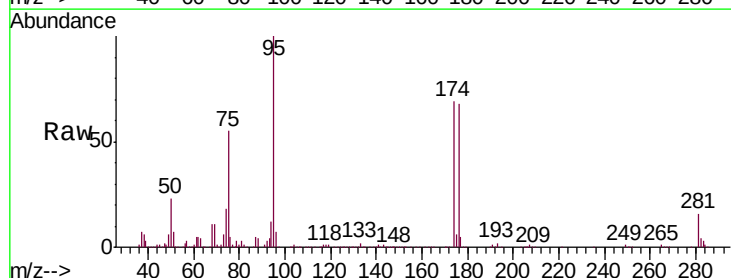
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

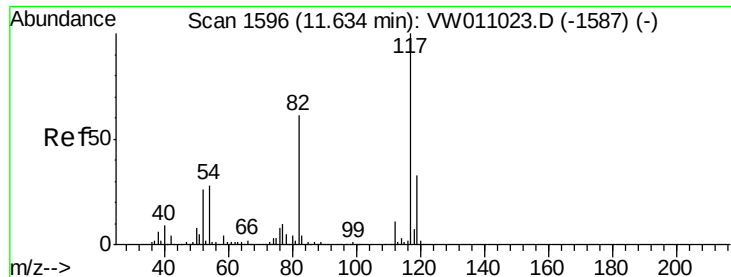
Tgt Ion: 107 Resp: 92687
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 45.375 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 95 Resp: 148651
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 149.2
 176 71.2 0.0 143.6

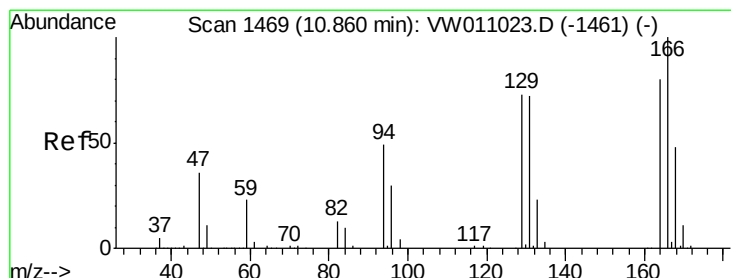
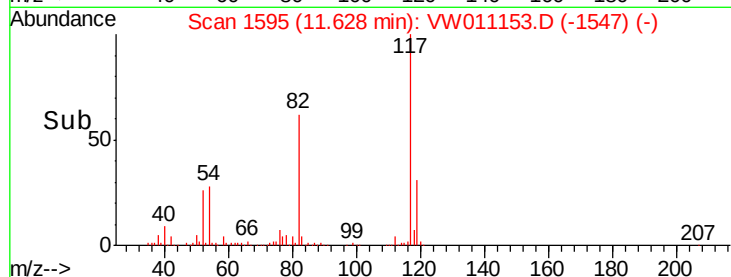
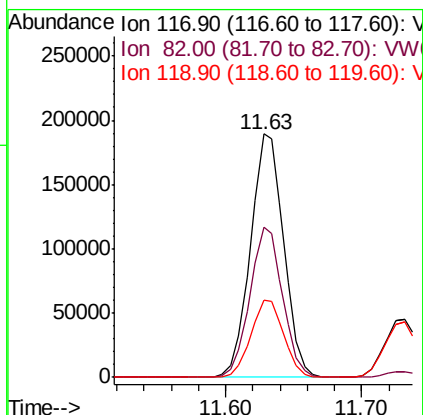
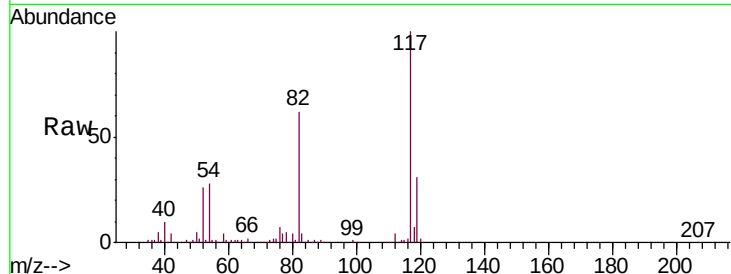




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

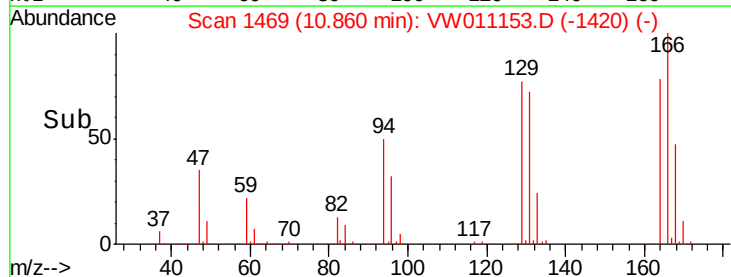
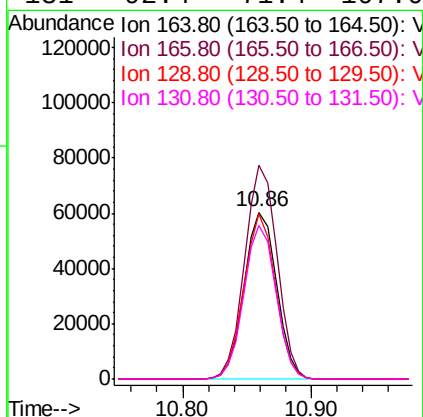
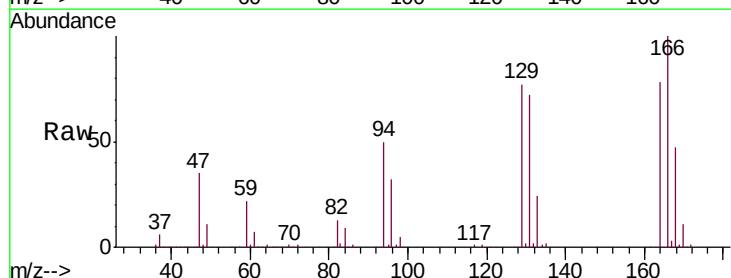
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

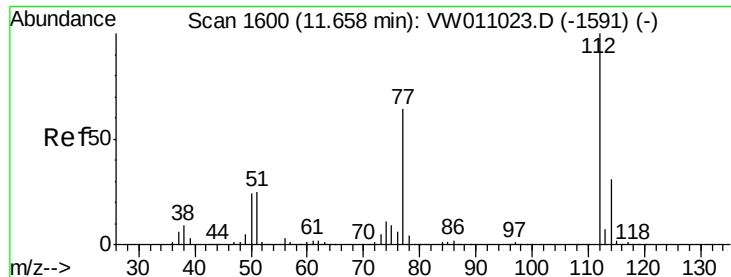
Tgt Ion:117 Resp: 323448
Ion Ratio Lower Upper
117 100
82 61.8 48.6 73.0
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 47.234 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:164 Resp: 105139
Ion Ratio Lower Upper
164 100
166 128.1 99.8 149.6
129 99.2 73.0 109.4
131 92.4 71.4 107.0

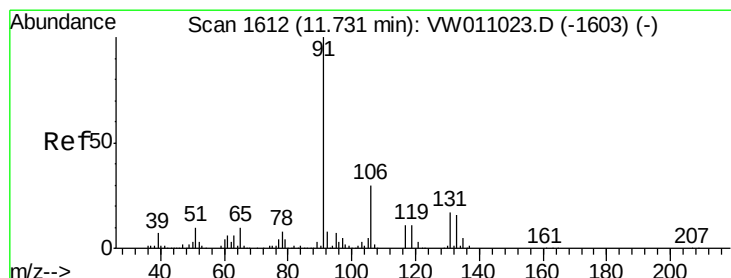
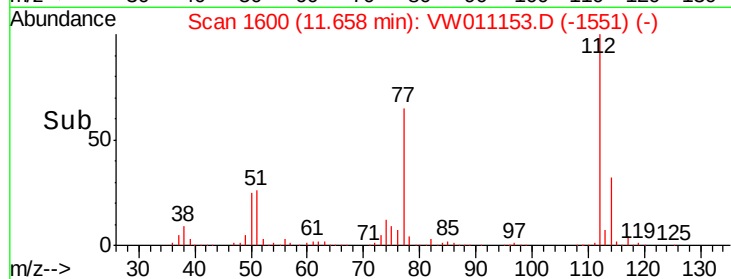
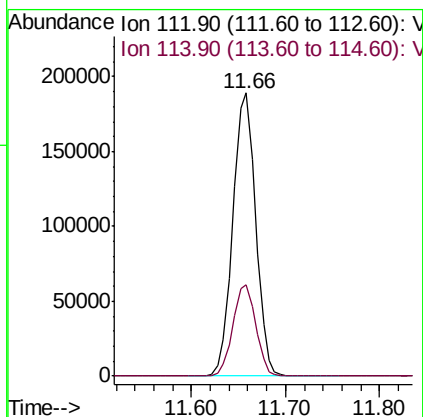
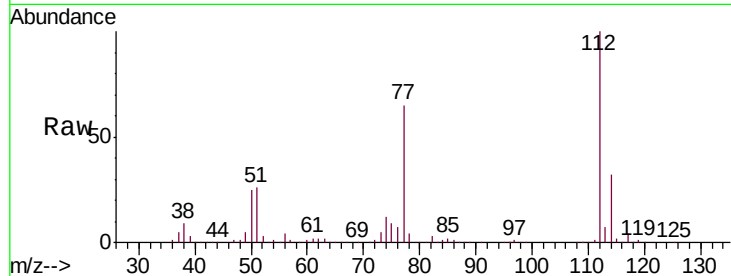




#65
Chlorobenzene
Concen: 48.021 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

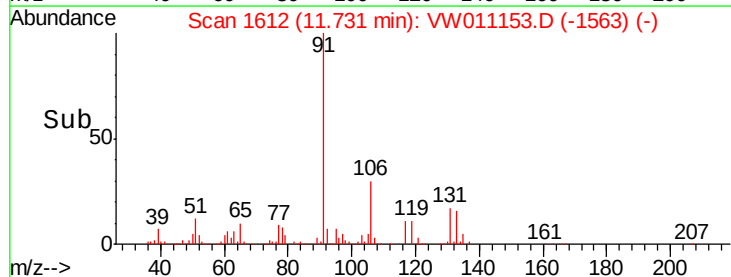
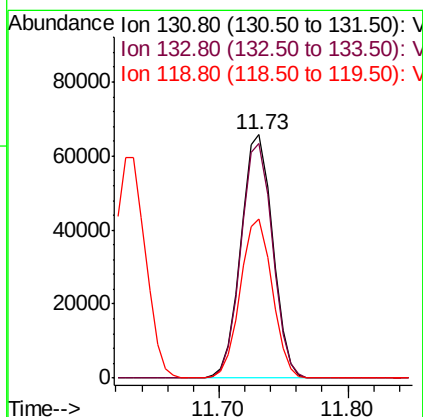
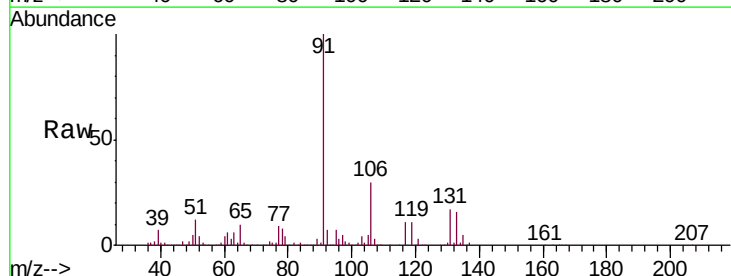
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

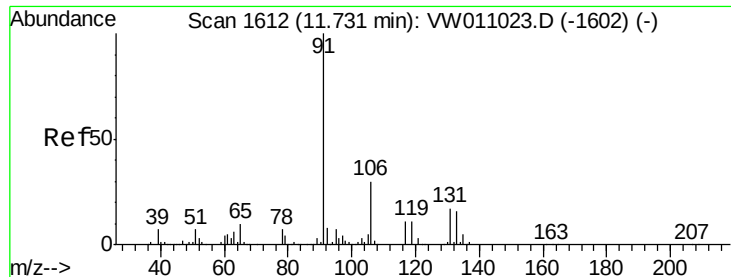
Tgt Ion:112 Resp: 317943
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.923 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:131 Resp: 112224
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.8 33.1 99.2

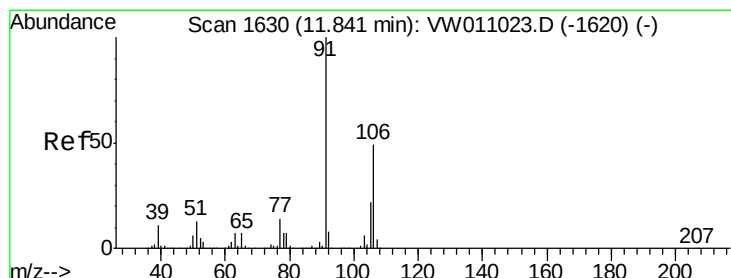
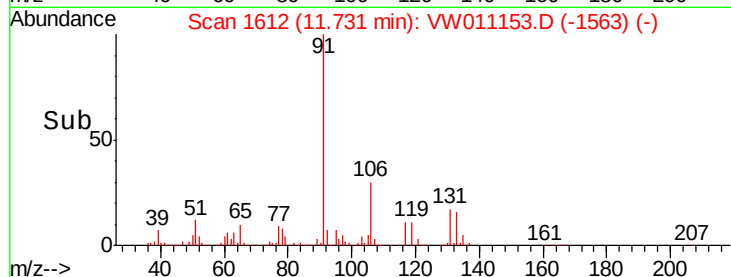
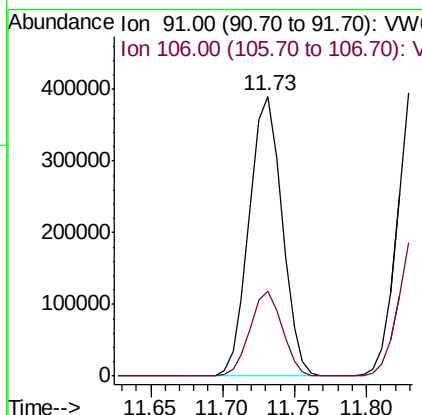
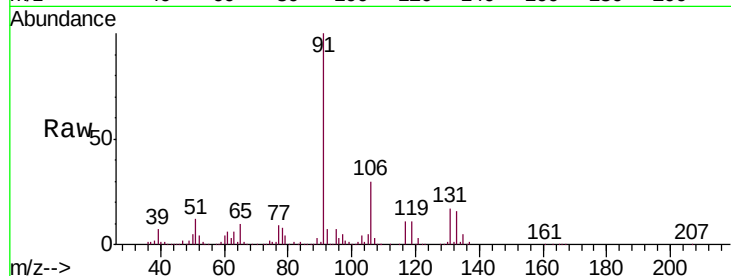




#67
 Ethyl Benzene
 Concen: 48.871 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

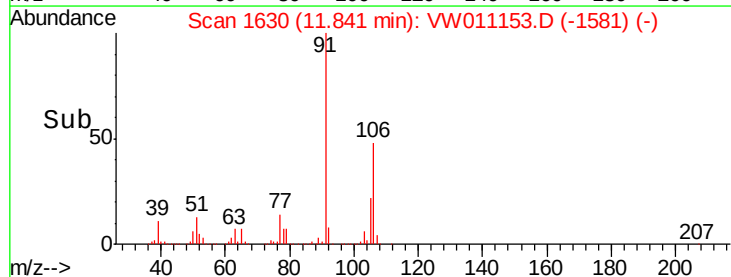
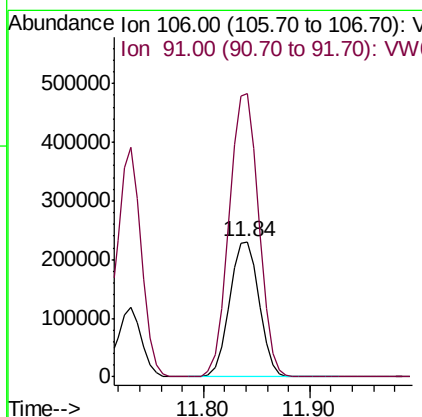
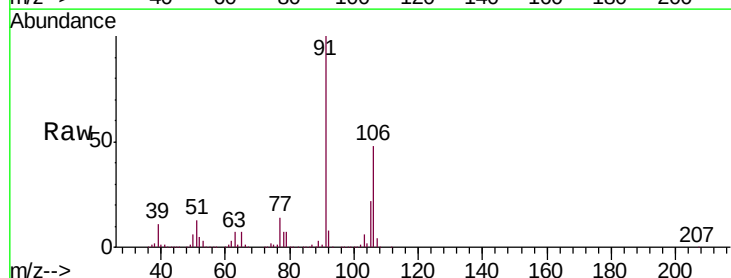
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

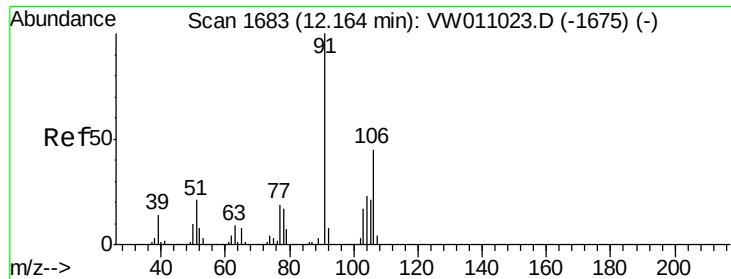
Tgt Ion: 91 Resp: 619742
 Ion Ratio Lower Upper
 91 100
 106 30.2 23.8 35.6



#68
 m/p-Xylenes
 Concen: 97.347 ug/l
 RT: 11.84 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 106 Resp: 447943
 Ion Ratio Lower Upper
 106 100
 91 210.6 167.5 251.3

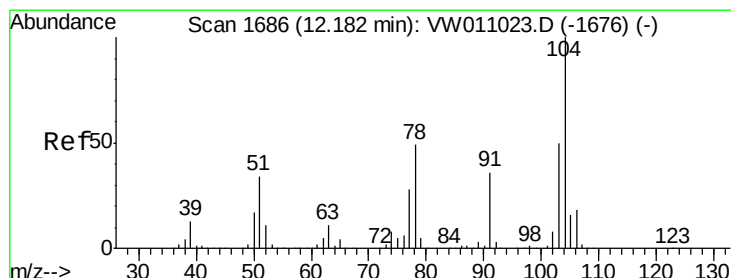
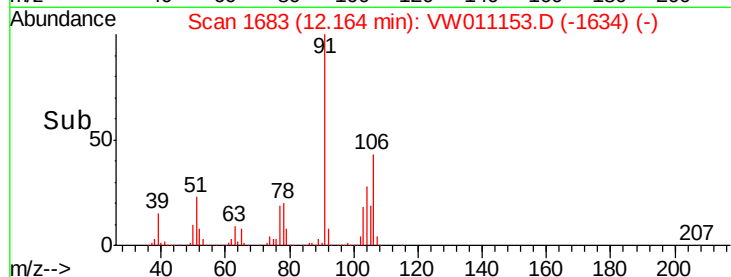
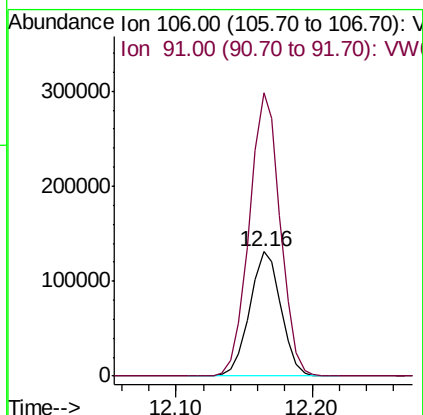
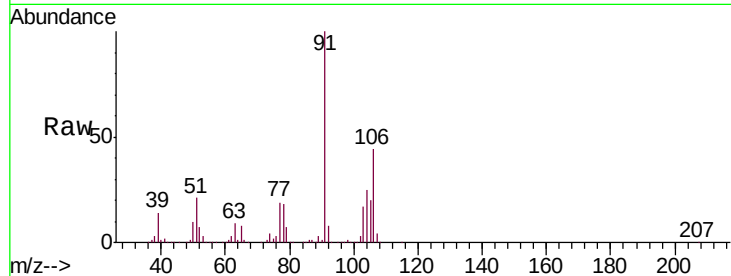




#69
o-Xylene
Concen: 49.232 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

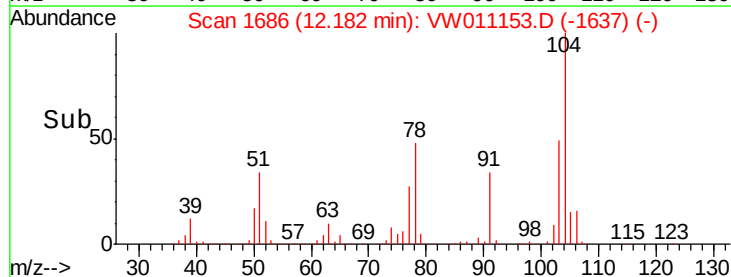
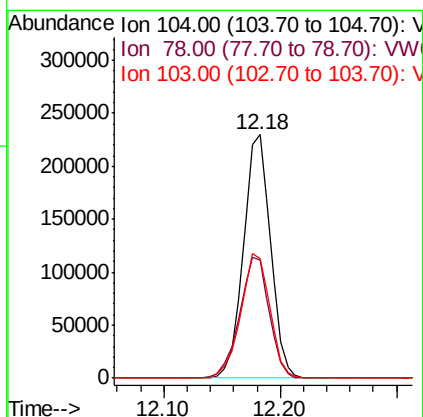
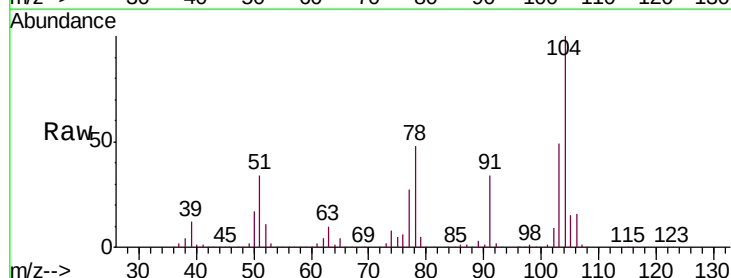
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

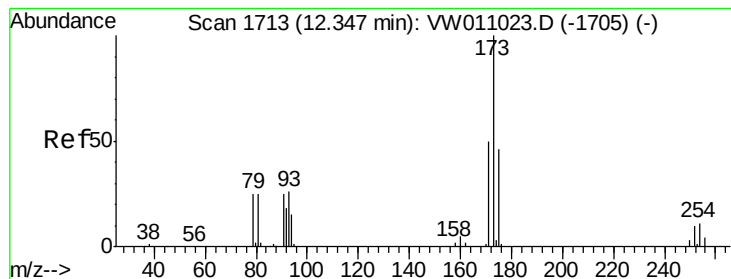
Tgt Ion:106 Resp: 211008
Ion Ratio Lower Upper
106 100
91 224.9 110.8 332.3



#70
Styrene
Concen: 50.251 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:104 Resp: 374259
Ion Ratio Lower Upper
104 100
78 54.0 43.7 65.5
103 55.0 43.9 65.9





#71

Bromoform

Concen: 53.224 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

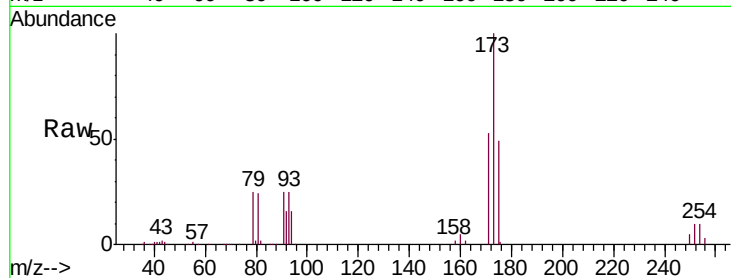
Tgt Ion:173 Resp: 58328

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

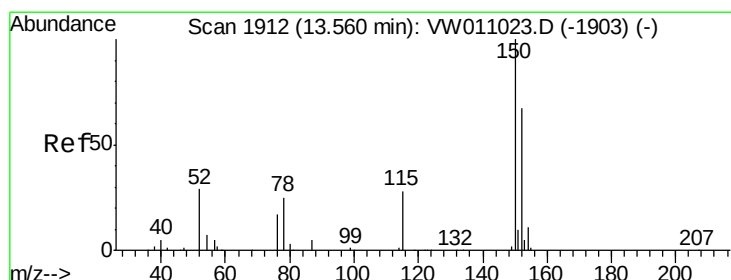
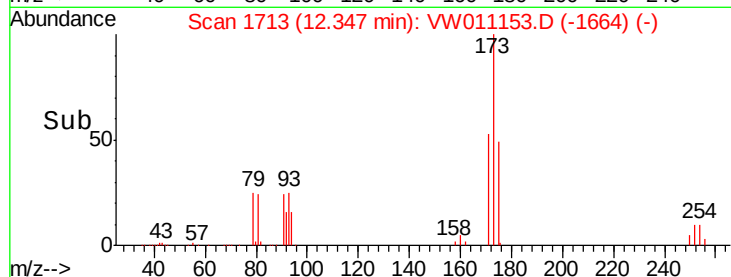
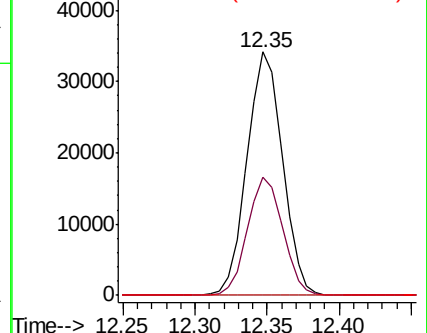
254 0.0 0.0 0.0



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: VW011153.D

Acq: 03 Jul 2019 21:11

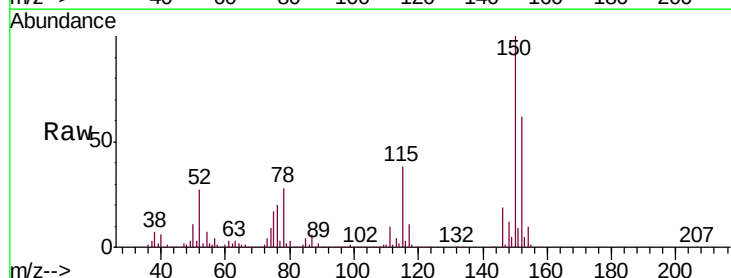
Tgt Ion:152 Resp: 157367

Ion Ratio Lower Upper

152 100

115 60.6 30.7 92.1

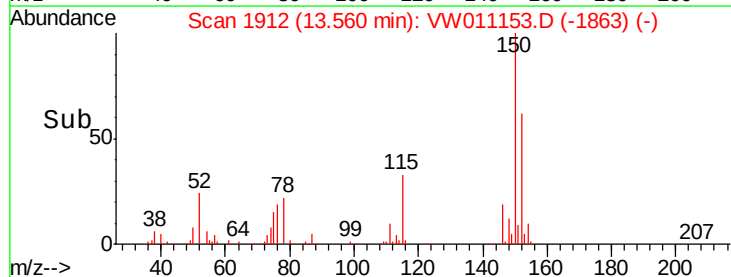
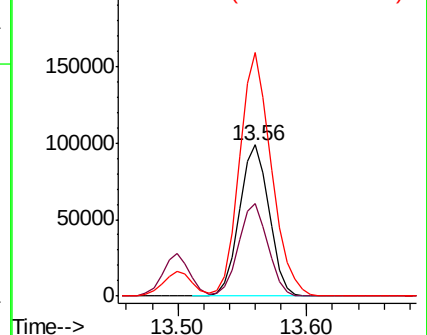
150 172.7 0.0 341.8

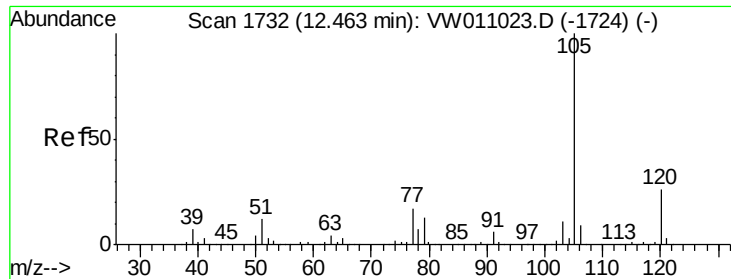


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.721 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

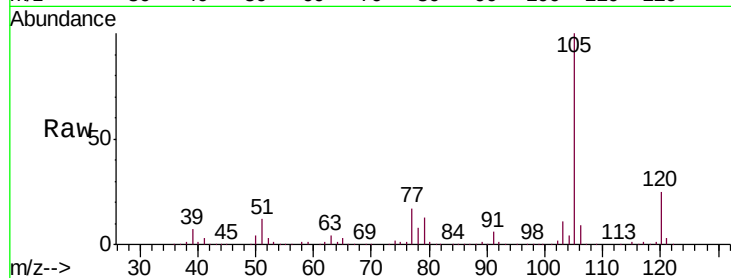
VSTDCCC050EC

Tgt Ion:105 Resp: 586169

Ion Ratio Lower Upper

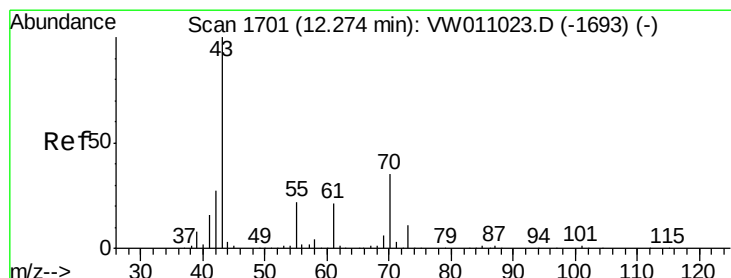
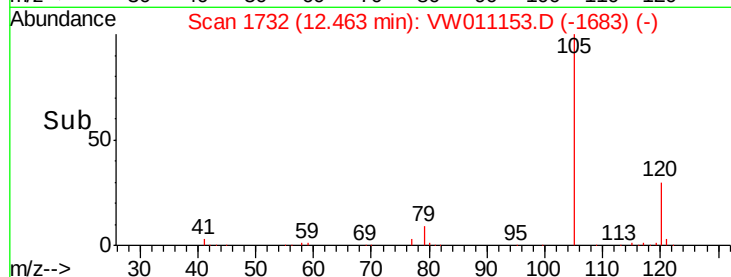
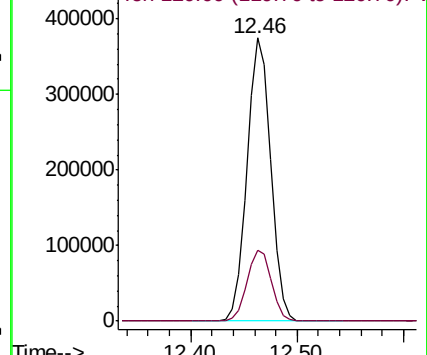
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.552 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion: 43 Resp: 215980

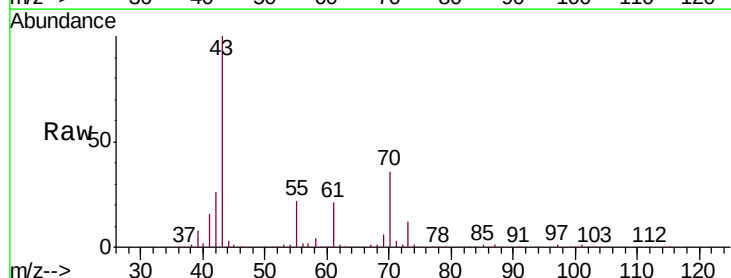
Ion Ratio Lower Upper

43 100

70 35.8 28.2 42.4

55 22.2 17.8 26.8

61 21.2 16.6 24.8

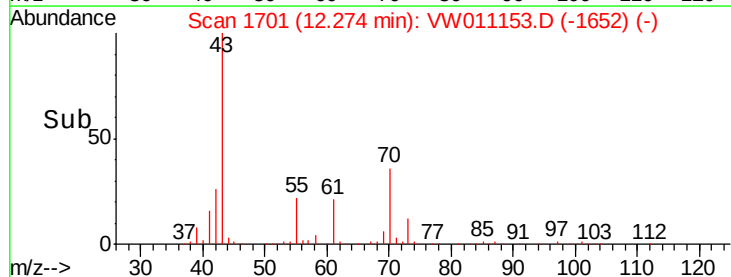
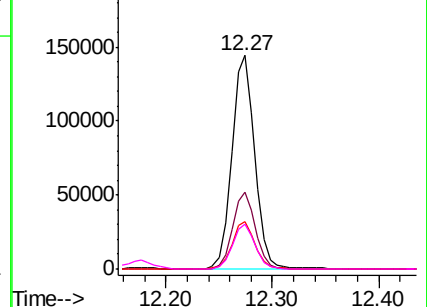


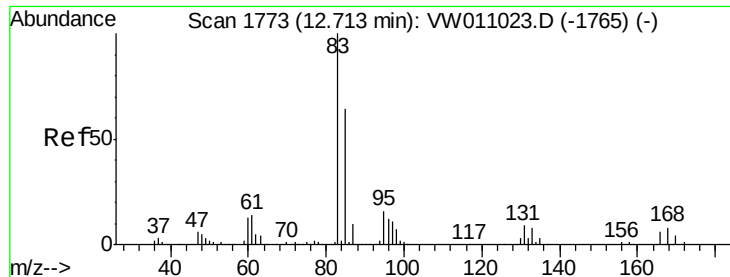
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

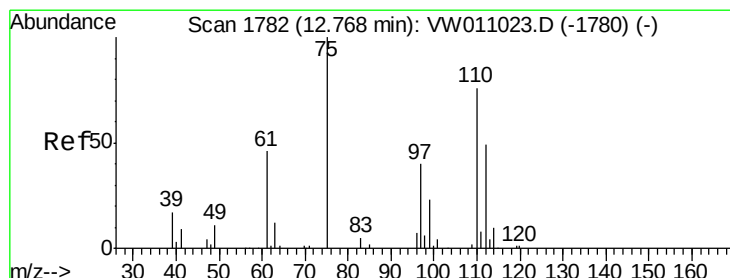
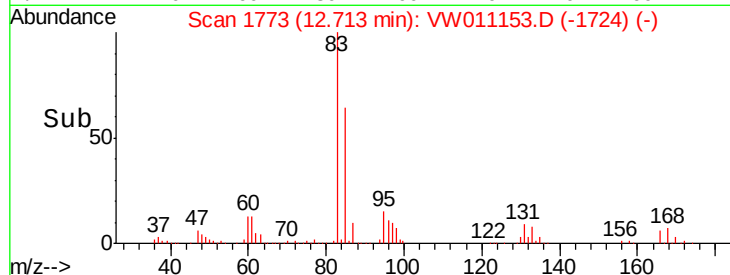
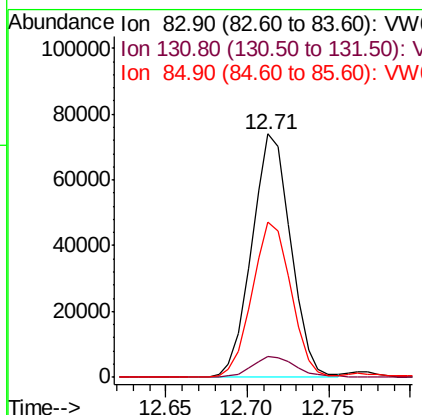
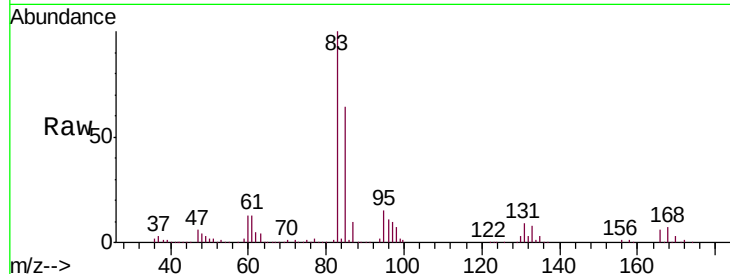




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.004 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

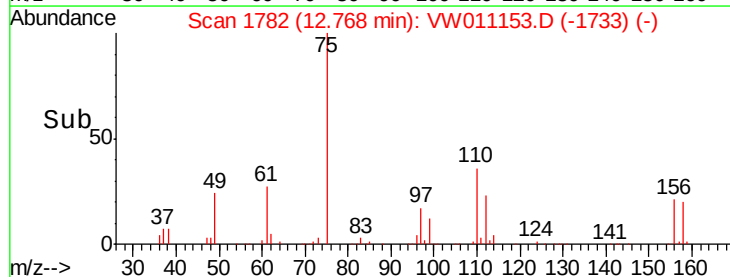
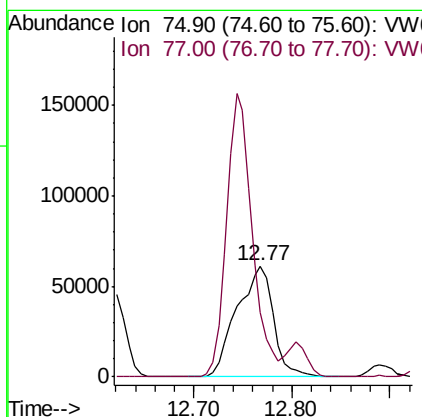
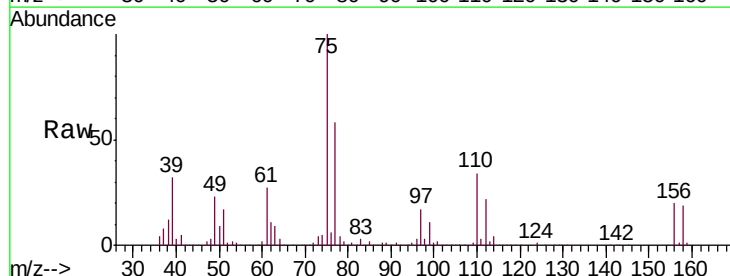
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

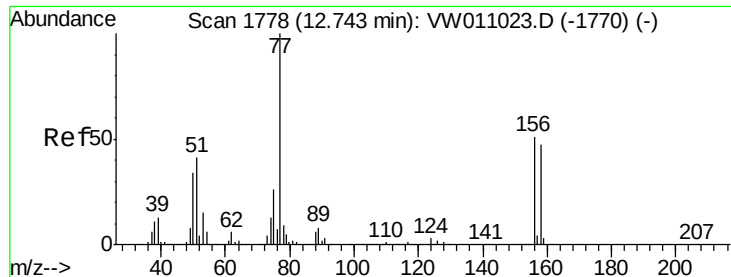
Tgt Ion: 83 Resp: 122706
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 63.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 95.892 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 75 Resp: 159314
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.065 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

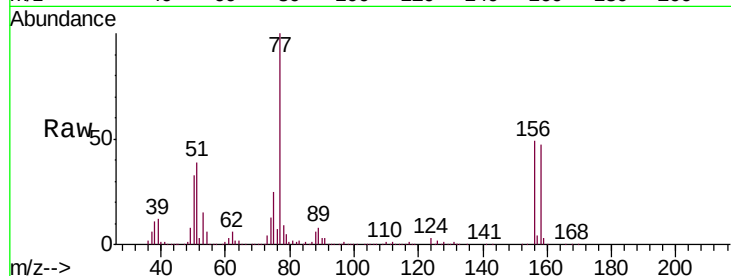
Tgt Ion:156 Resp: 129732

Ion Ratio Lower Upper

156 100

77 219.8 109.5 328.5

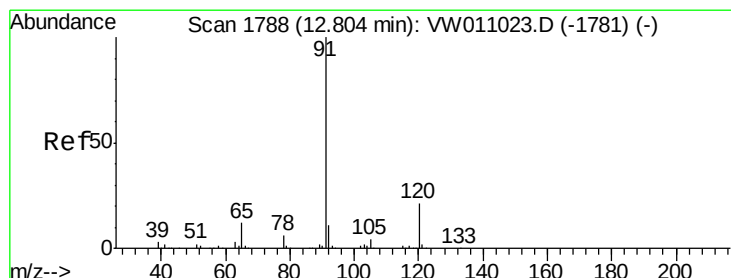
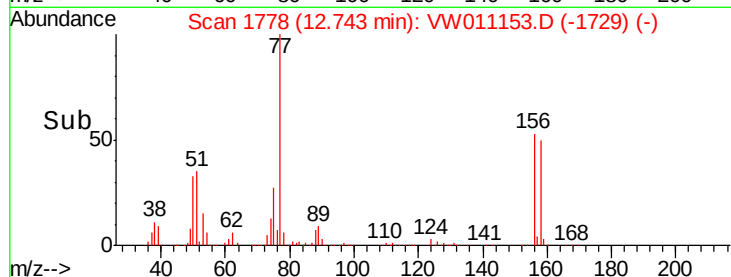
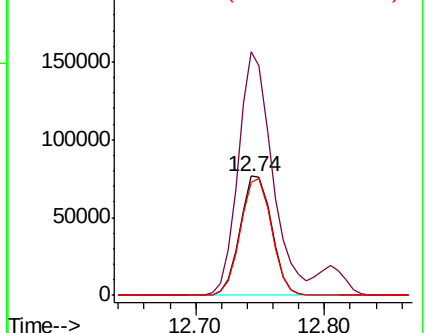
158 96.8 48.6 145.9



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: 49.198 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011153.D

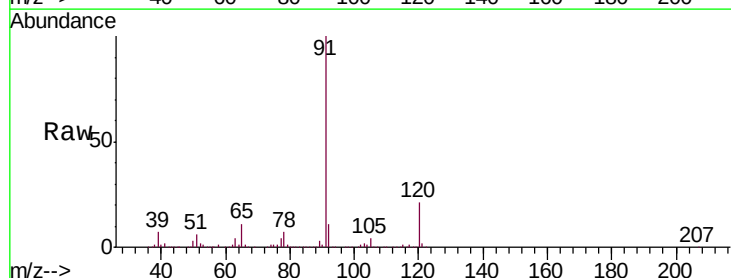
Acq: 03 Jul 2019 21:11

Tgt Ion: 91 Resp: 718242

Ion Ratio Lower Upper

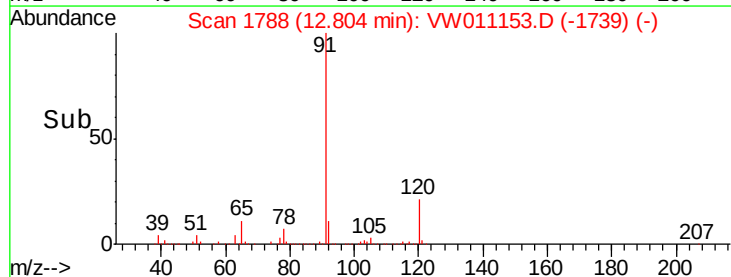
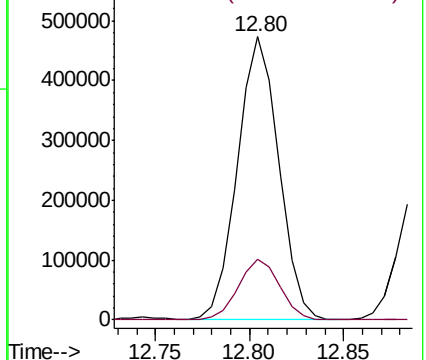
91 100

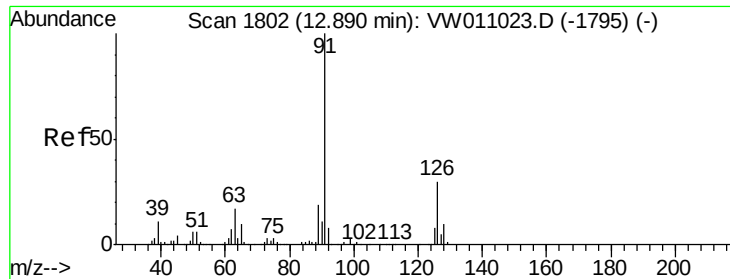
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.513 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

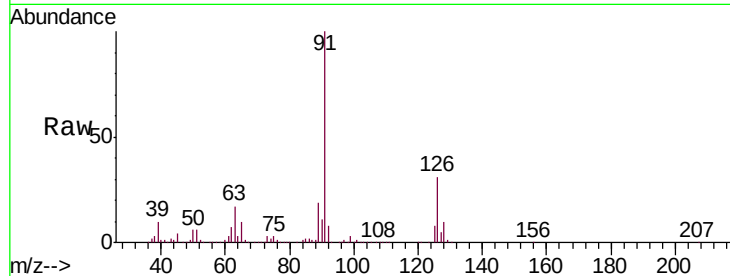
VSTDCCC050EC

Tgt Ion: 91 Resp: 412962

Ion Ratio Lower Upper

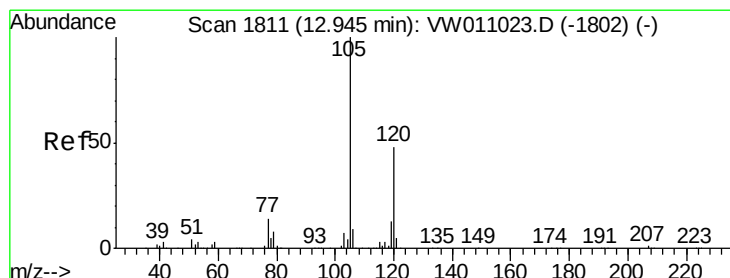
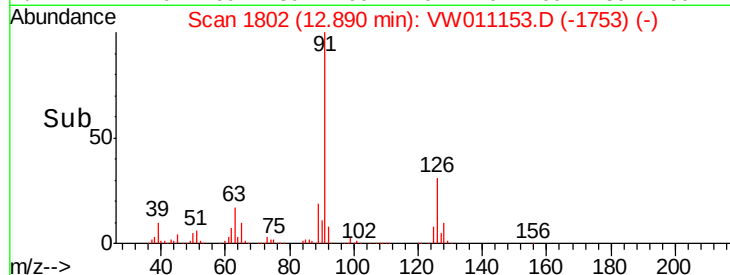
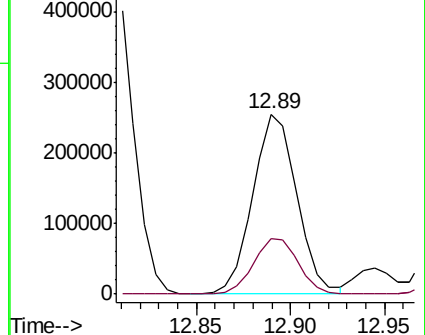
91 100

126 31.3 15.4 46.4



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: 49.500 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011153.D

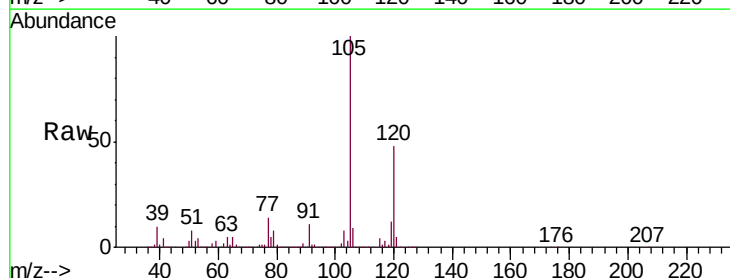
Acq: 03 Jul 2019 21:11

Tgt Ion: 105 Resp: 494615

Ion Ratio Lower Upper

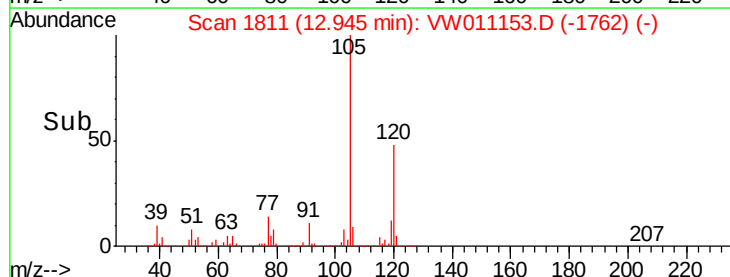
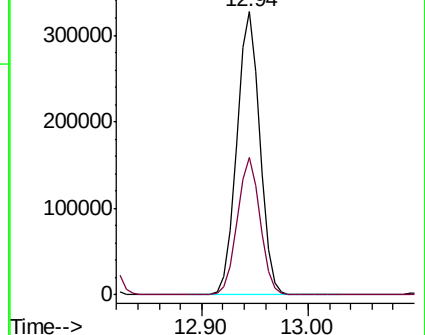
105 100

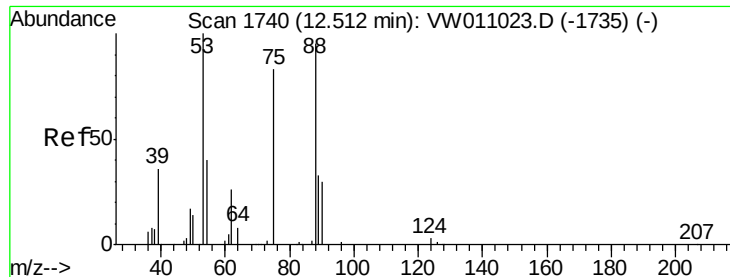
120 48.2 23.8 71.5



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: 47.471 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

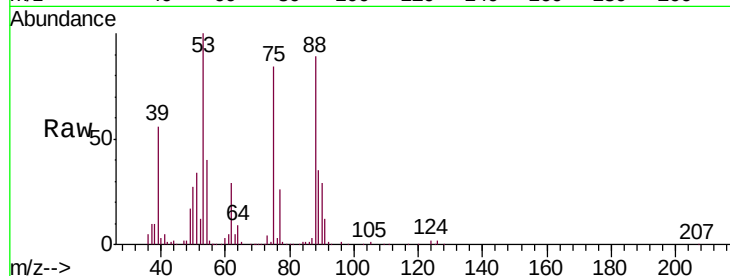
Tgt Ion: 75 Resp: 36890

Ion Ratio Lower Upper

75 100

53 118.0 95.6 143.4

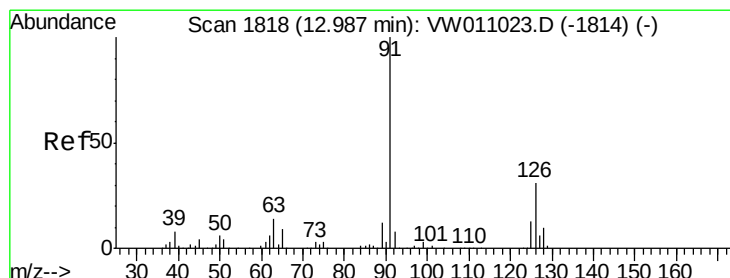
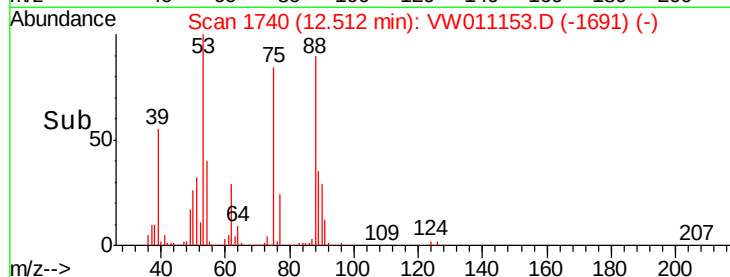
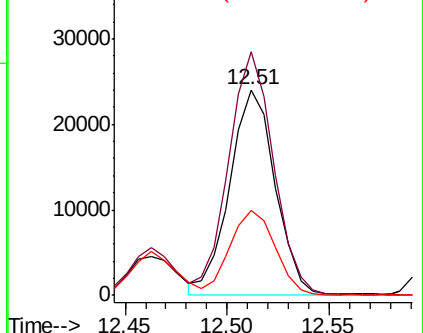
89 41.6 34.4 51.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 48.785 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011153.D

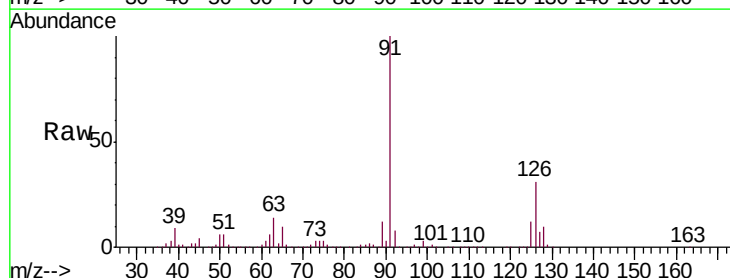
Acq: 03 Jul 2019 21:11

Tgt Ion: 91 Resp: 424026

Ion Ratio Lower Upper

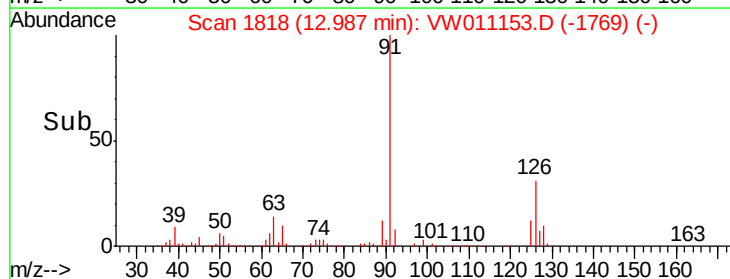
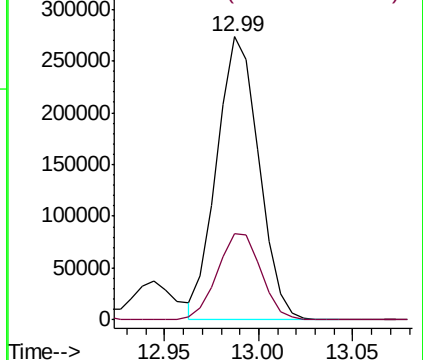
91 100

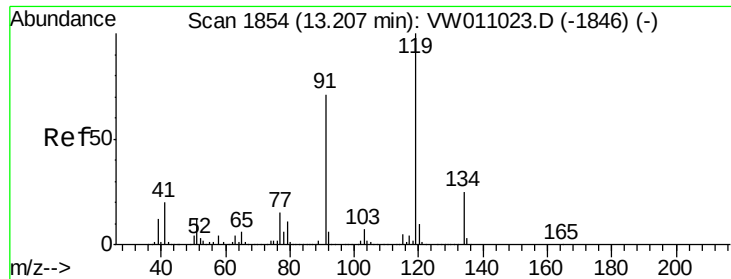
126 31.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

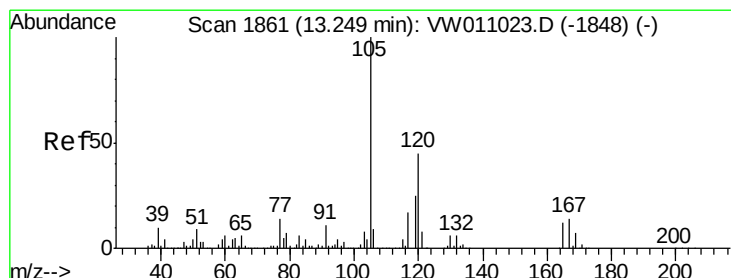
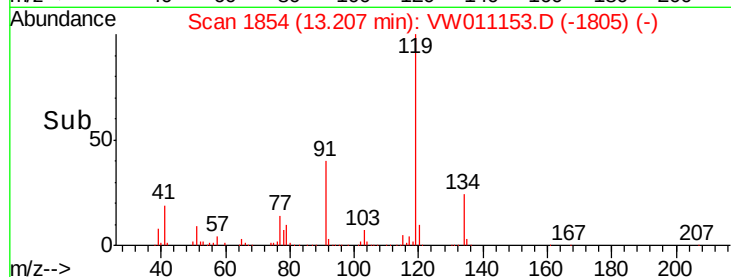
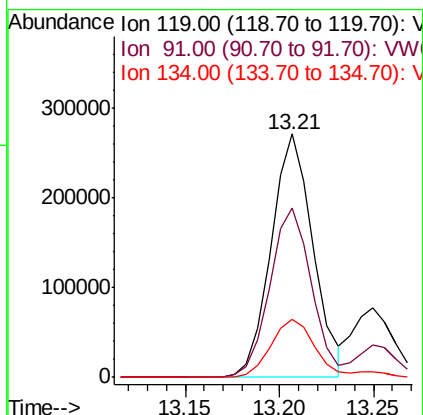
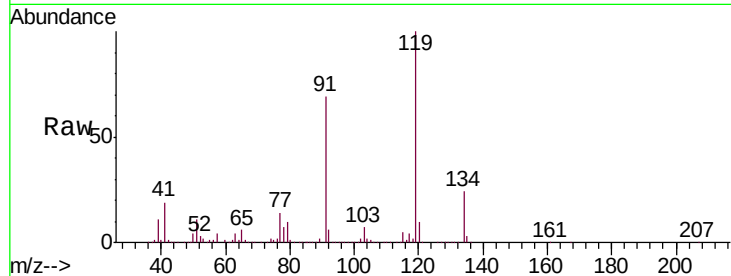




#83
 tert-Butylbenzene
 Concen: 50.023 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

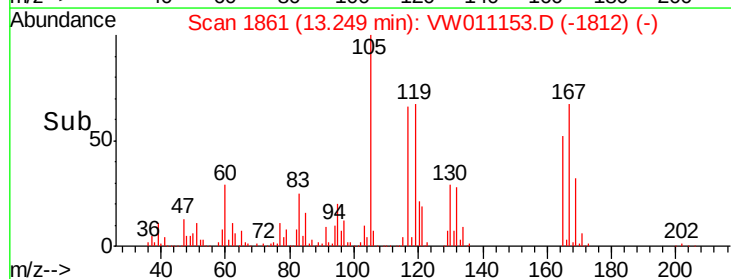
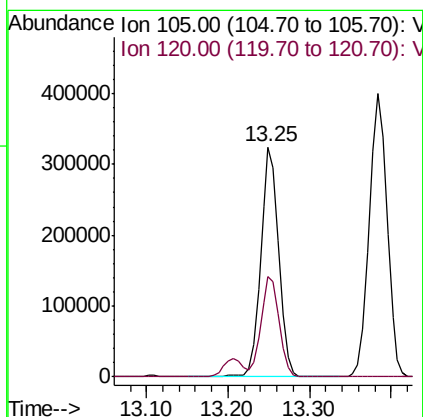
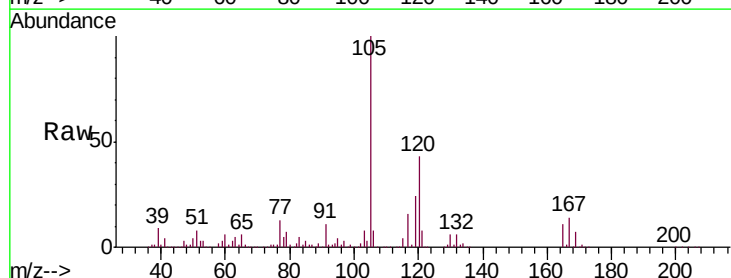
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

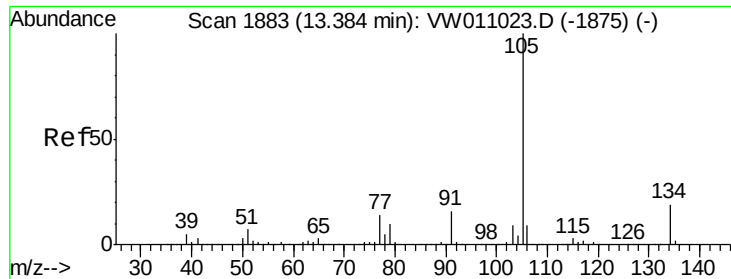
Tgt Ion:119 Resp: 416811
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.5 106.5
 134 24.7 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 49.587 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion:105 Resp: 500816
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2

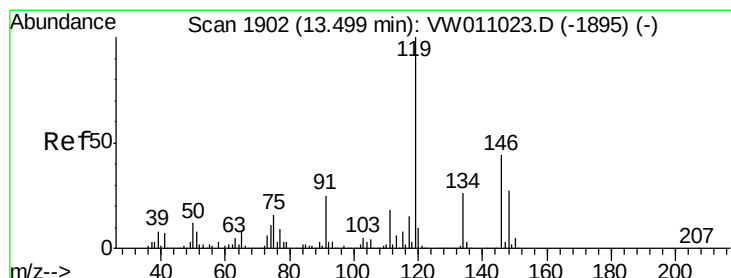
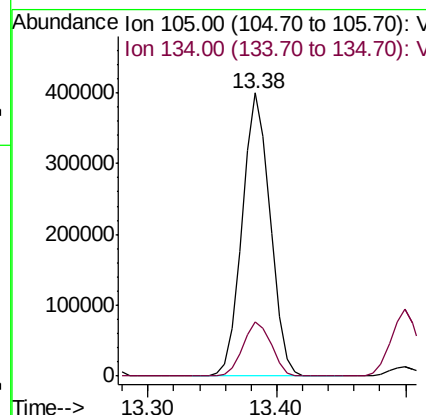
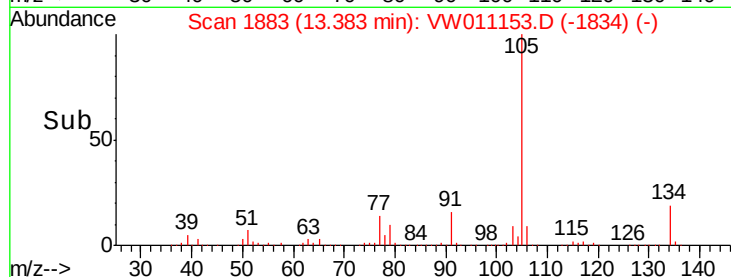
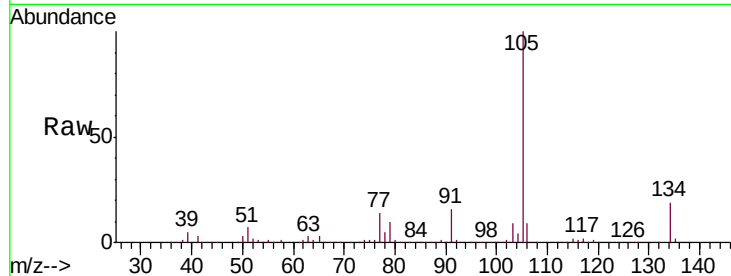




#85
 sec-Butylbenzene
 Concen: 49.514 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

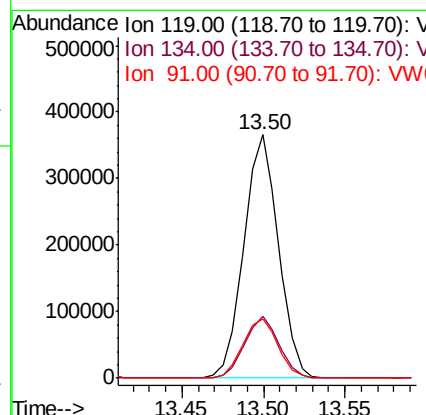
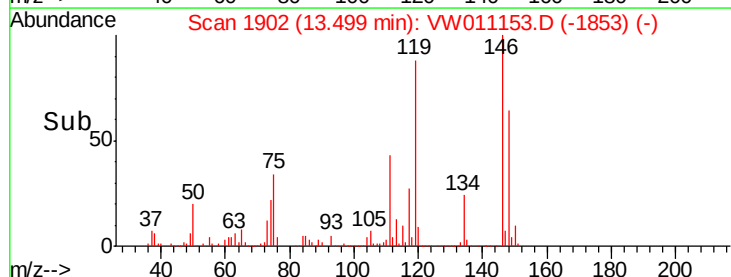
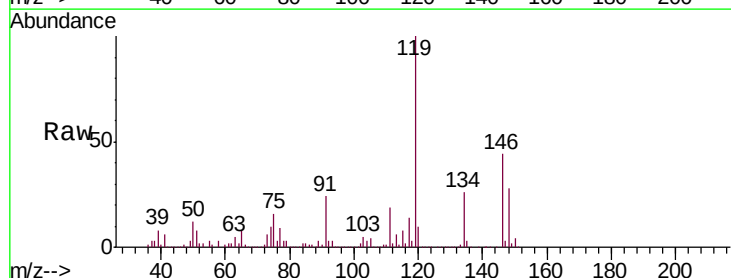
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

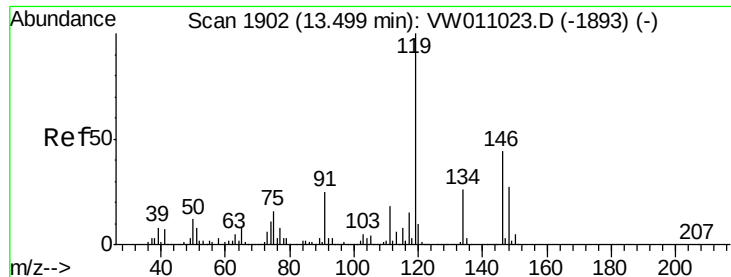
Tgt Ion:105 Resp: 599340
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 49.370 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion:119 Resp: 537772
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 48.985 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

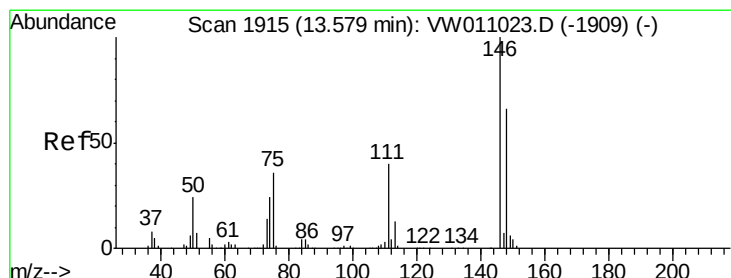
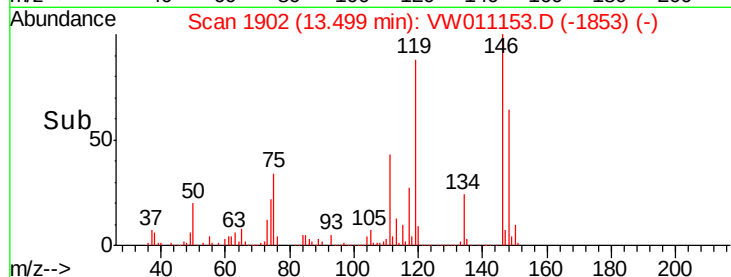
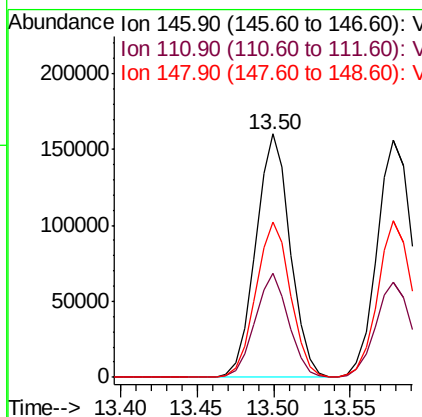
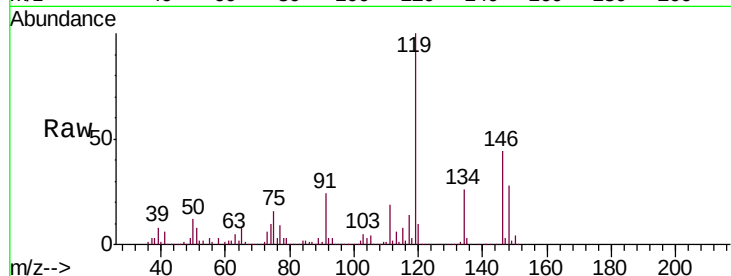
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	251086
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	64.2	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 49.070 ug/l

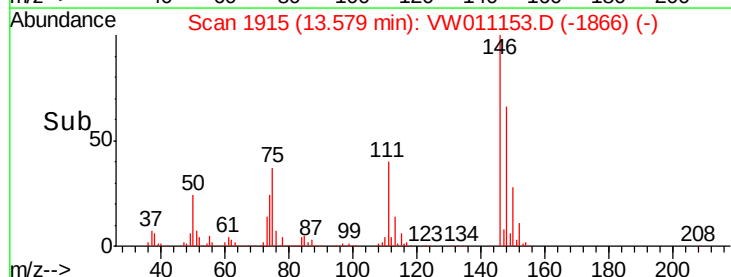
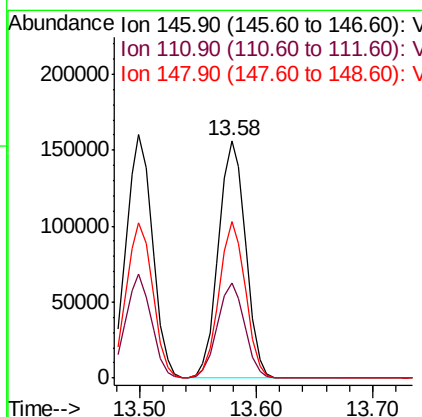
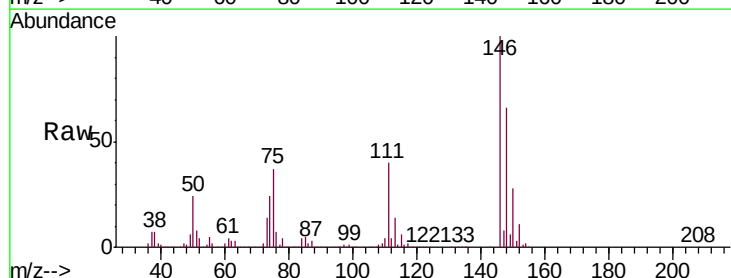
RT: 13.58 min Scan# 1915

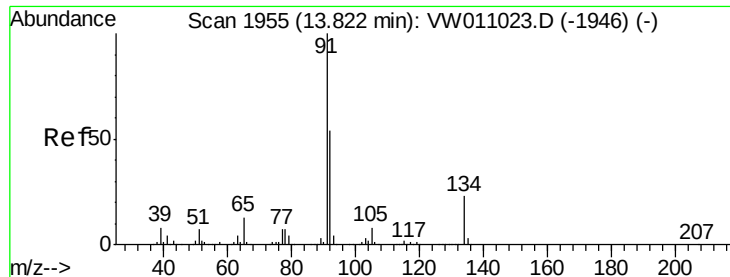
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	146	Resp:	251078
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	64.1	32.4	97.2





#89

n-Butylbenzene

Concen: 48.712 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

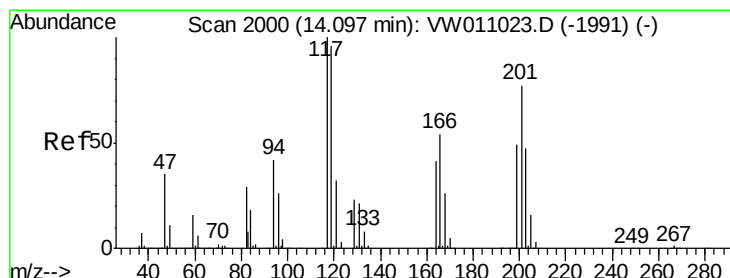
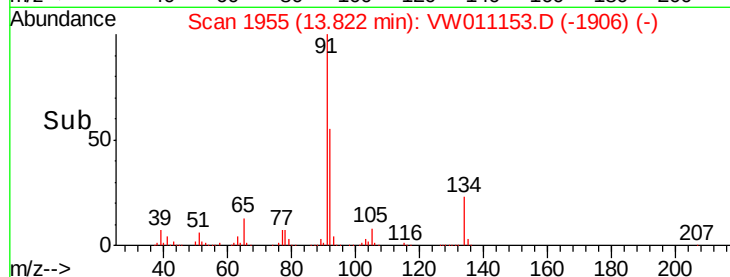
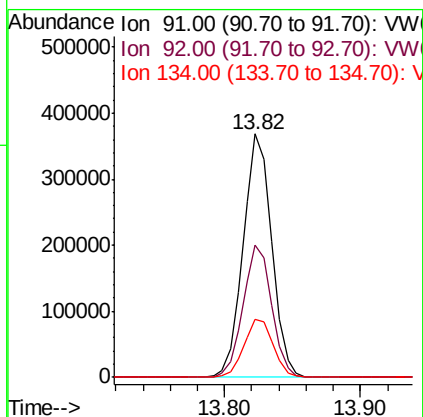
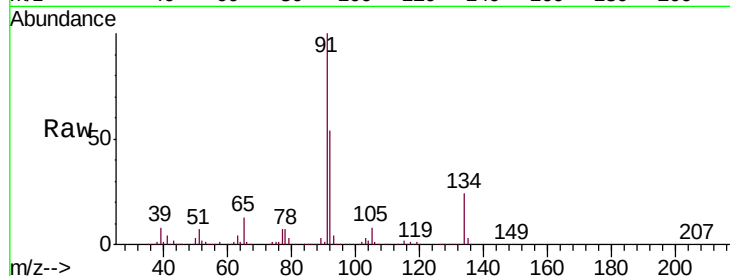
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	539300
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	24.4	12.0	36.1



#90

Hexachloroethane

Concen: 49.439 ug/l

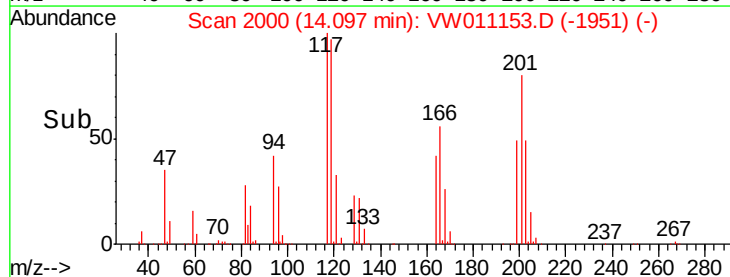
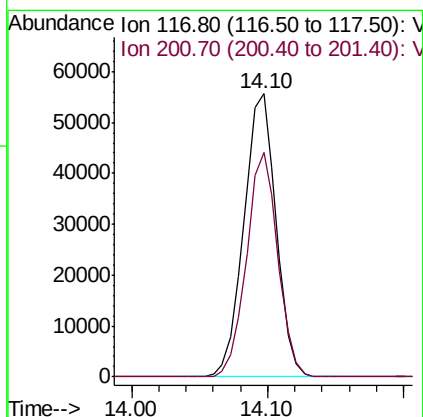
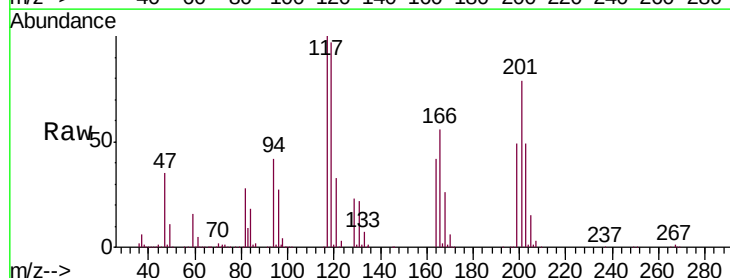
RT: 14.10 min Scan# 2000

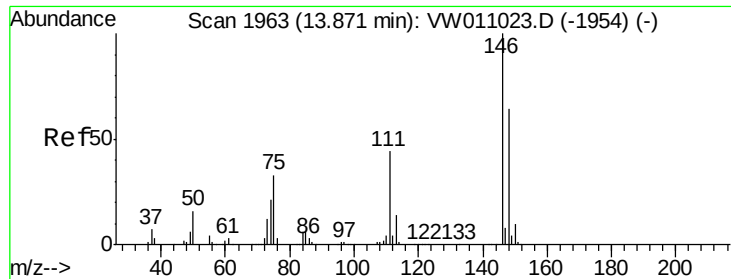
Delta R.T. 0.00 min

Lab File: VW011153.D

Acq: 03 Jul 2019 21:11

Tgt Ion:	117	Resp:	92141
Ion	Ratio	Lower	Upper
117	100		
201	77.2	38.0	114.0

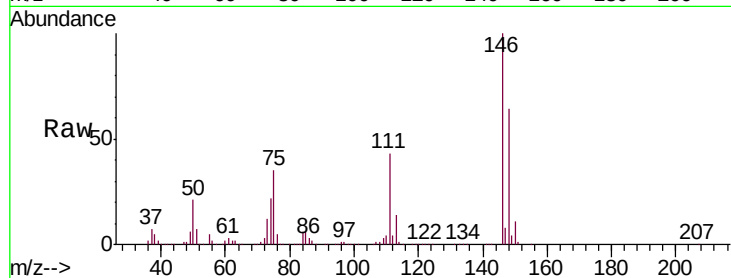




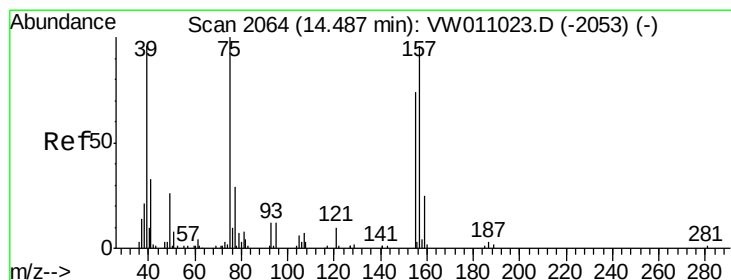
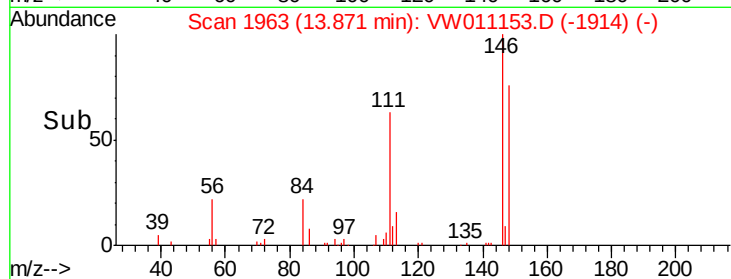
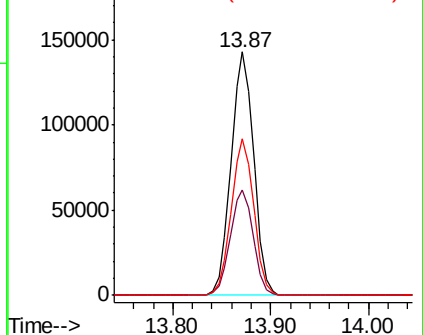
#91
 1,2-Dichlorobenzene
 Concen: 49.917 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 229804
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 63.8 31.8 95.3

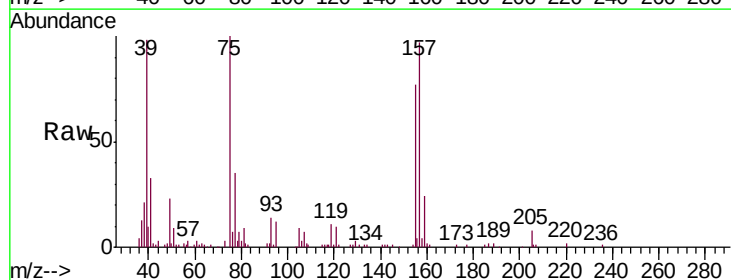


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

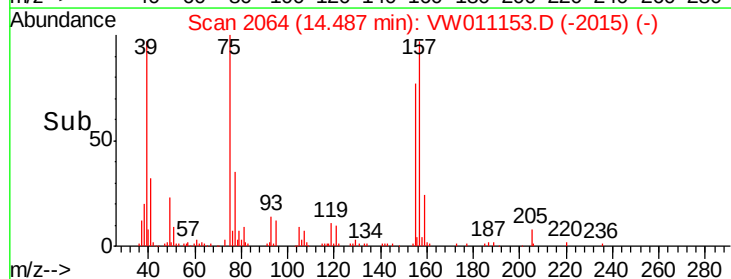
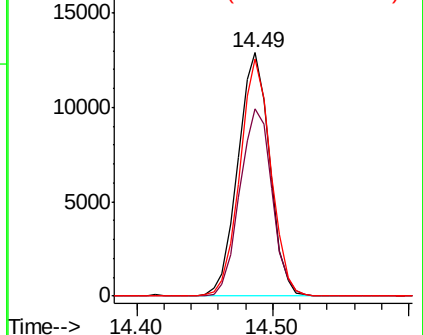


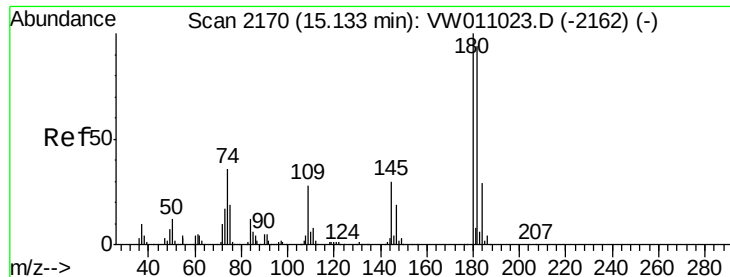
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.253 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion: 75 Resp: 20952
 Ion Ratio Lower Upper
 75 100
 155 78.1 37.0 110.9
 157 95.0 45.9 137.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

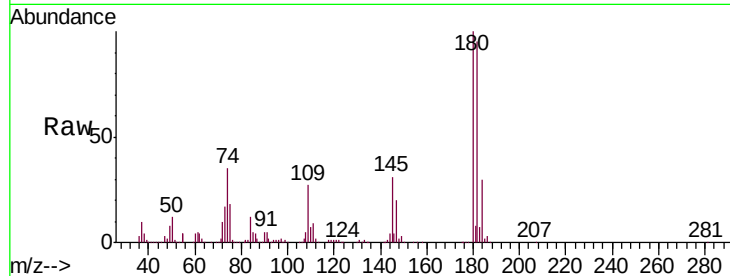




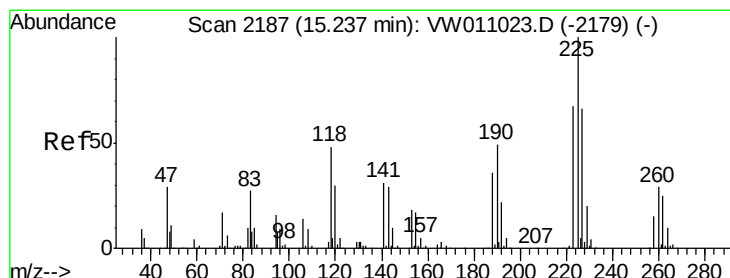
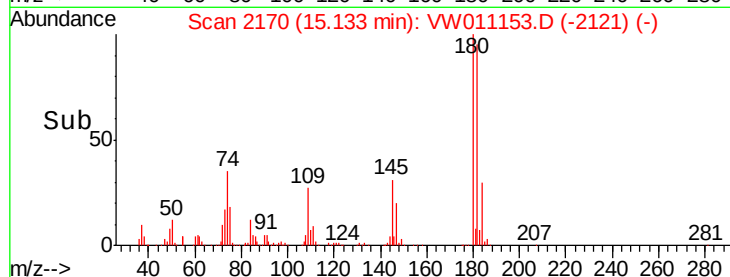
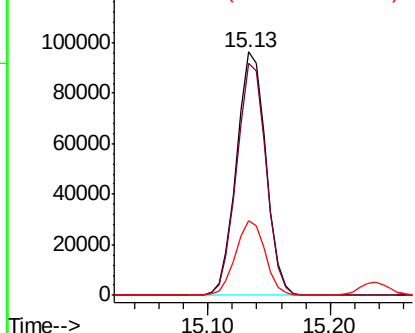
#93
 1,2,4-Trichlorobenzene
 Concen: 49.445 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 160156
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 30.8 15.3 45.8

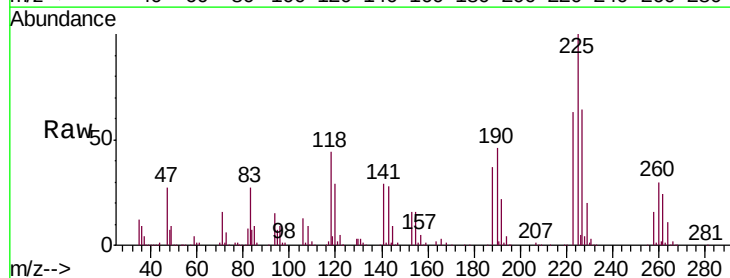


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

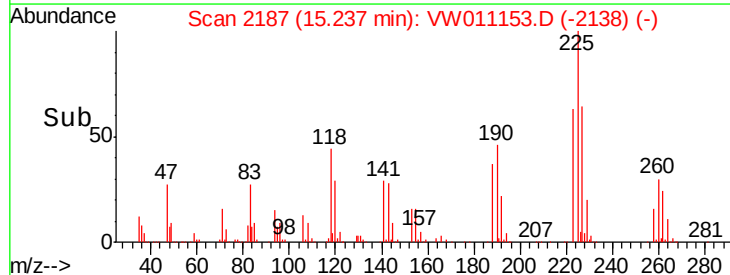
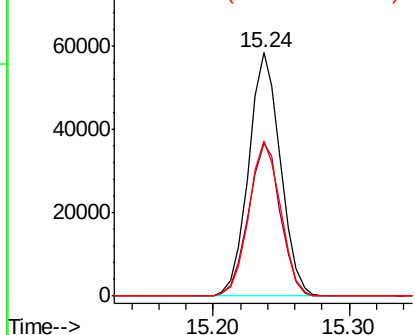


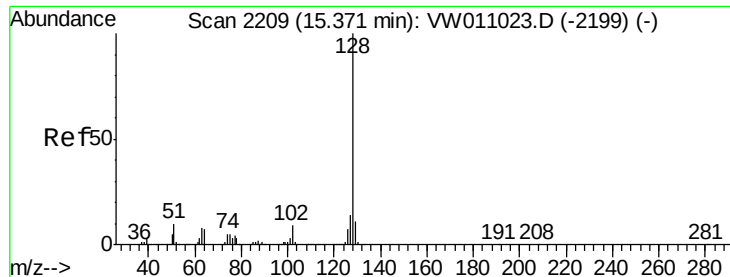
#94
 Hexachlorobutadiene
 Concen: 48.642 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011153.D
 Acq: 03 Jul 2019 21:11

Tgt Ion:225 Resp: 95561
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.9
 227 63.7 31.9 95.9



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

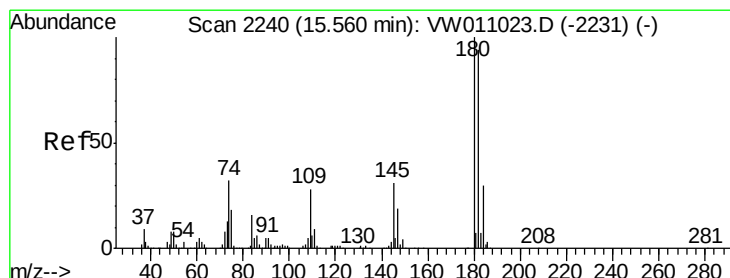
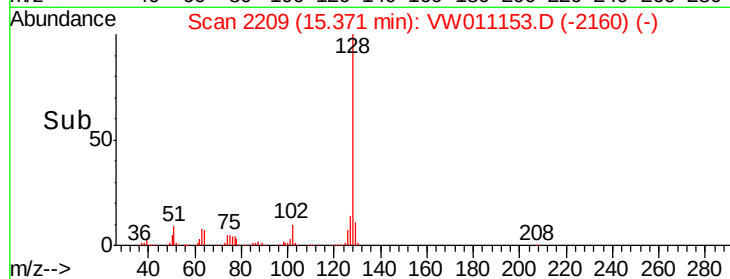
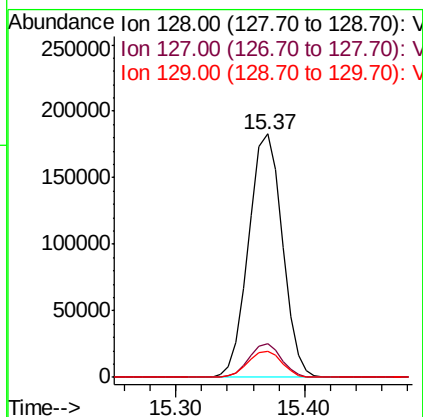
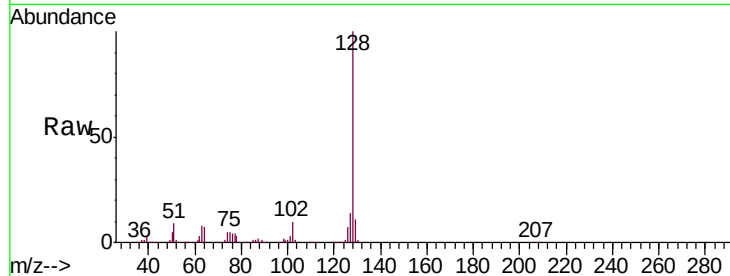




#95
Naphthalene
Concen: 54.448 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 331281
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.727 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011153.D
Acq: 03 Jul 2019 21:11

Tgt Ion:180 Resp: 143823
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 32.3 16.1 48.2

