

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012462.D
 Acq On : 01 Sep 2019 21:13
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 07:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	261340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112032	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.88	113	83725	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.32	98	330217	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.61	95	118839	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	50362	48.892	ug/l 96
3) Chloromethane	2.21	50	84601	53.012	ug/l 99
4) Vinyl Chloride	2.35	62	104133	53.312	ug/l 98
5) Bromomethane	2.74	94	54003	54.591	ug/l 100
6) Chloroethane	2.90	64	61774	56.062	ug/l 99
7) Trichlorofluoromethane	3.24	101	58589	59.736	ug/l 97
8) Diethyl Ether	3.68	74	53482	57.448	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92919	55.735	ug/l 97
10) Methyl Iodide	4.26	142	125029	55.428	ug/l 98
11) Tert butyl alcohol	5.15	59	42387	354.178	ug/l 100
12) 1,1-Dichloroethene	4.04	96	87668	52.246	ug/l 95
13) Acrolein	3.88	56	31007	275.240	ug/l 99
14) Allyl chloride	4.66	41	195315	54.446	ug/l 99
15) Acrylonitrile	5.36	53	152473	330.426	ug/l 99
16) Acetone	4.11	43	148419	291.965	ug/l 96
17) Carbon Disulfide	4.38	76	250182	49.334	ug/l 98
18) Methyl Acetate	4.66	43	87935	69.841	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	172776	63.671	ug/l 99
20) Methylene Chloride	4.91	84	100913	52.511	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	96063	53.386	ug/l 97
22) Diisopropyl ether	6.31	45	387036	58.206	ug/l 98
23) Vinyl Acetate	6.25	43	1233434	301.414	ug/l 99
24) 1,1-Dichloroethane	6.21	63	201504	55.656	ug/l 99
25) 2-Butanone	7.16	43	216628	313.598	ug/l 100
26) 2,2-Dichloropropane	7.16	77	113165	55.223	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	107212	55.767	ug/l 99
28) Bromochloromethane	7.51	49	81388	51.577	ug/l 97
29) Tetrahydrofuran	7.52	42	140919	340.022	ug/l 99
30) Chloroform	7.67	83	193819	58.514	ug/l 99
31) Cyclohexane	7.95	56	178196	49.748	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	157466	60.094	ug/l 99
36) 1,1-Dichloropropene	8.08	75	152226	56.367	ug/l 99
37) Ethyl Acetate	7.25	43	94081	63.572	ug/l 99
38) Carbon Tetrachloride	8.07	117	140385	60.058	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	167318	55.148	ug/l	99
40) Benzene	8.32	78	414083	56.152	ug/l	100
41) Methacrylonitrile	7.48	41	52890	60.807	ug/l	94
42) 1,2-Dichloroethane	8.40	62	146936	63.576	ug/l	100
43) Isopropyl Acetate	8.42	43	173098	63.145	ug/l	99
44) Trichloroethene	9.09	130	103003	57.458	ug/l	94
45) 1,2-Dichloropropane	9.37	63	113161	57.018	ug/l	99
46) Dibromomethane	9.46	93	54788	62.045	ug/l	99
47) Bromodichloromethane	9.64	83	143323	60.985	ug/l	100
48) Methyl methacrylate	9.43	41	85694	65.681	ug/l	98
49) 1,4-Dioxane	9.44	88	19817	1465.954	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	469268	336.564	ug/l	99
52) Toluene	10.38	92	253704	57.269	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	145380	60.730	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	168980	58.461	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	76874	61.530	ug/l	98
56) Ethyl methacrylate	10.65	69	117162	64.433	ug/l	99
57) 1,3-Dichloropropane	10.93	76	145430	61.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	292121	313.026	ug/l	99
59) 2-Hexanone	10.97	43	322308	326.702	ug/l	99
60) Dibromochloromethane	11.13	129	89078	64.012	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73502	63.149	ug/l	99
64) Tetrachloroethene	10.86	164	87182	58.083	ug/l	95
65) Chlorobenzene	11.66	112	254902	55.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94054	59.140	ug/l	98
67) Ethyl Benzene	11.73	91	498545	56.771	ug/l	100
68) m/p-Xylenes	11.84	106	361990	114.436	ug/l	99
69) o-Xylene	12.16	106	168611	57.592	ug/l	100
70) Styrene	12.18	104	295524	58.317	ug/l	99
71) Bromoform	12.35	173	51751	65.312	ug/l #	99
73) Isopropylbenzene	12.46	105	474597	54.651	ug/l	100
74) N-amyl acetate	12.27	43	159225	60.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93504	58.732	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	128153	113.538	ug/l #	100
77) Bromobenzene	12.74	156	106176	56.515	ug/l	99
78) n-propylbenzene	12.80	91	577230	54.448	ug/l	99
79) 2-Chlorotoluene	12.89	91	329533	54.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	406192	55.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	30239	58.739	ug/l	97
82) 4-Chlorotoluene	12.99	91	348316	55.268	ug/l	100
83) tert-Butylbenzene	13.21	119	351660	57.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	405304	55.603	ug/l	100
85) sec-Butylbenzene	13.38	105	489782	55.617	ug/l	100
86) p-Isopropyltoluene	13.50	119	444001	56.456	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	203242	55.309	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	200823	55.040	ug/l	100
89) n-Butylbenzene	13.82	91	432181	55.260	ug/l	99
90) Hexachloroethane	14.09	117	78375	56.801	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	184314	57.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17805	66.339	ug/l	94

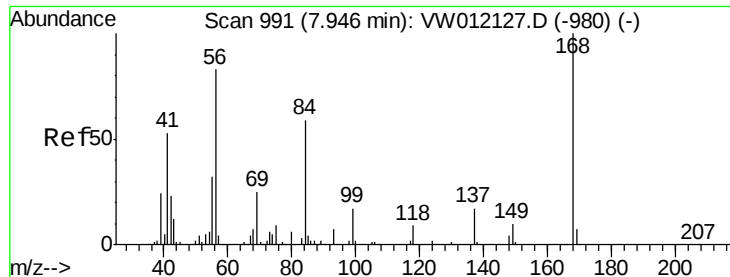
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	128866	57.846	ug/l	100
94) Hexachlorobutadiene	15.24	225	89985	61.174	ug/l	99
95) Naphthalene	15.36	128	247630	56.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	117036	60.214	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

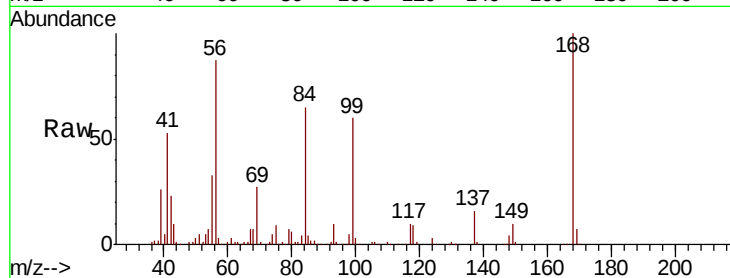
VSTDCCC050EC

Tgt Ion: 168 Resp: 167290

Ion Ratio Lower Upper

168 100

99 60.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

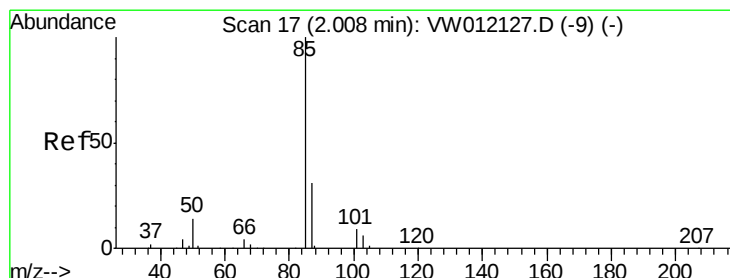
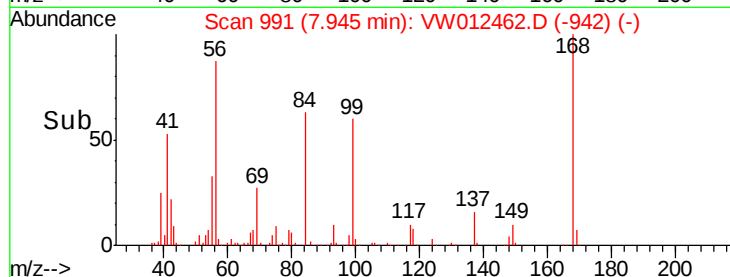
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.892 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012462.D

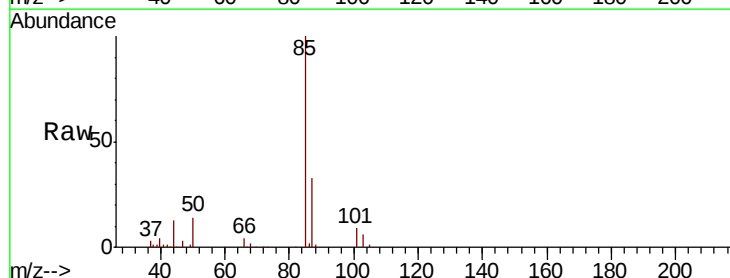
Acq: 01 Sep 2019 21:13

Tgt Ion: 85 Resp: 50362

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

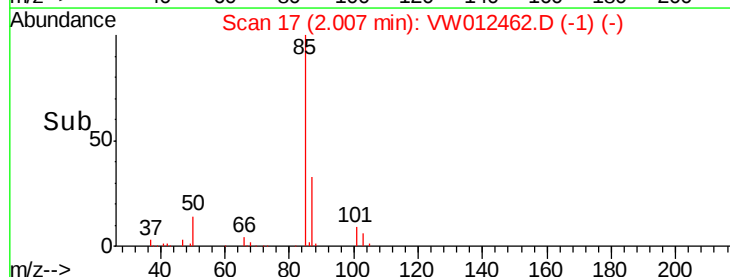
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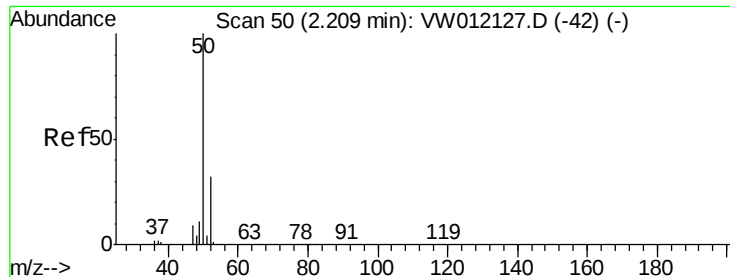
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 53.012 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

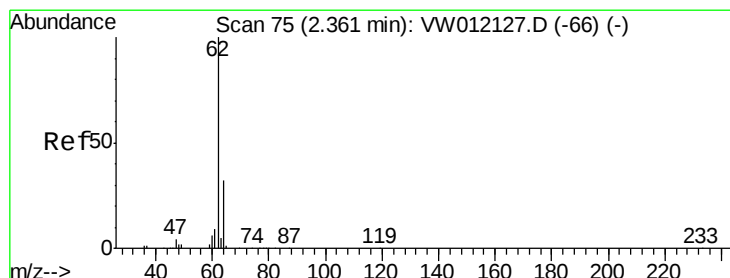
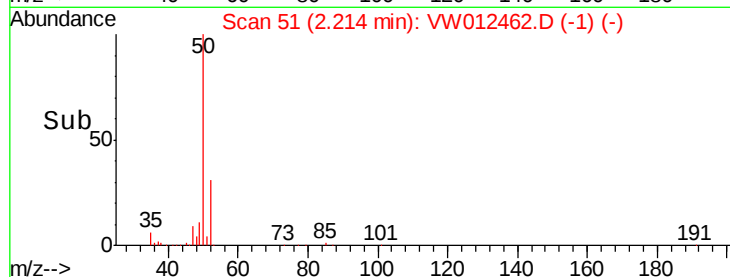
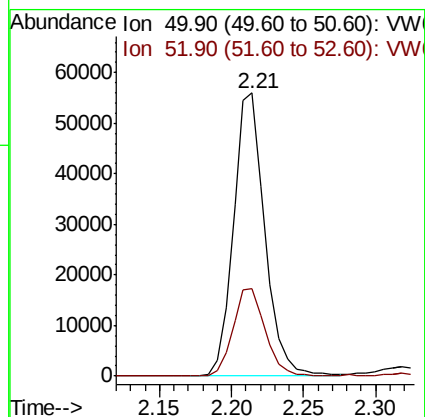
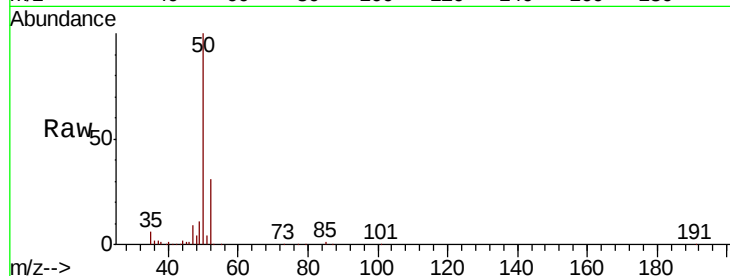
VSTDCCC050EC

Tgt Ion: 50 Resp: 84601

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 53.312 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012462.D

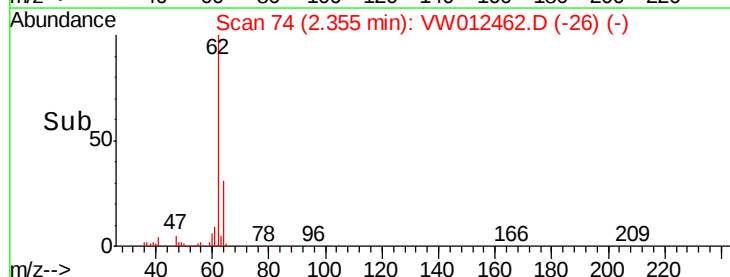
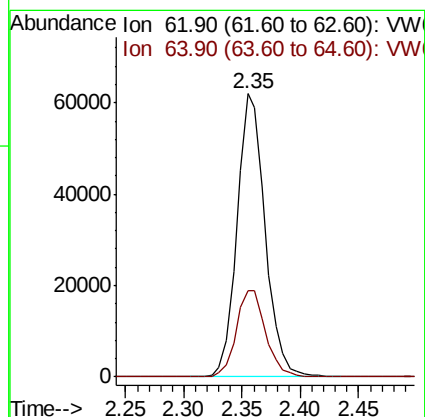
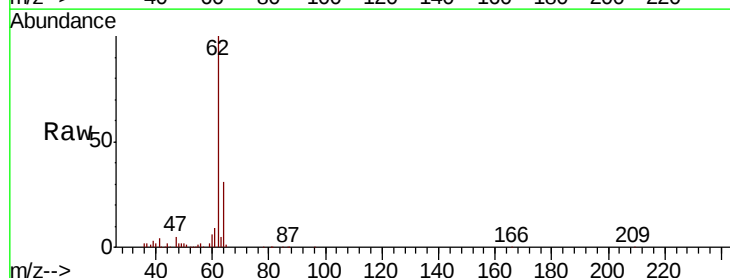
Acq: 01 Sep 2019 21:13

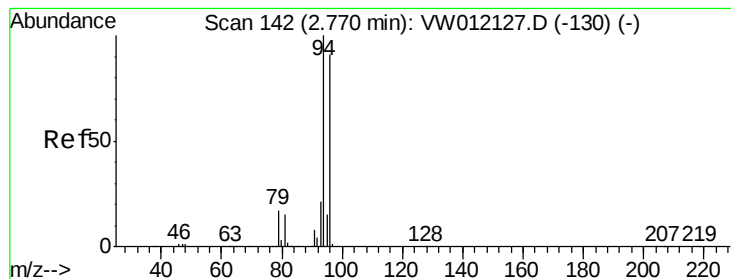
Tgt Ion: 62 Resp: 104133

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9





#5

Bromomethane

Concen: 54.591 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.03 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

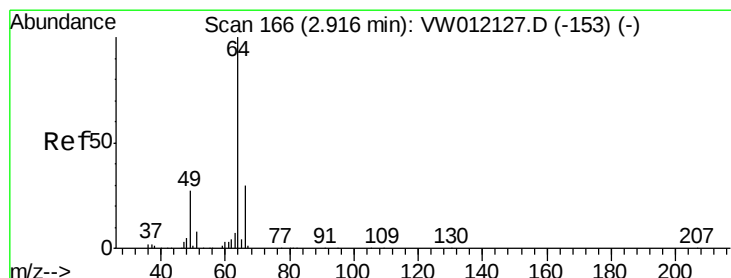
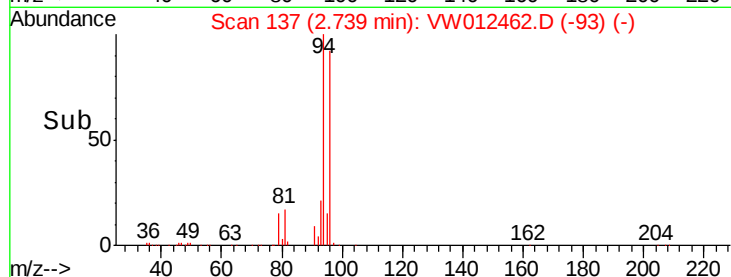
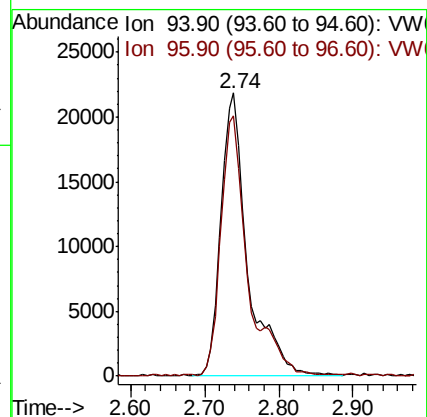
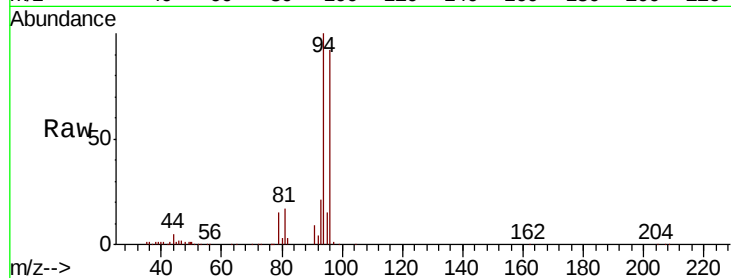
VSTDCCC050EC

Tgt Ion: 94 Resp: 54003

Ion Ratio Lower Upper

94 100

96 91.5 72.9 109.3



#6

Chloroethane

Concen: 56.062 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012462.D

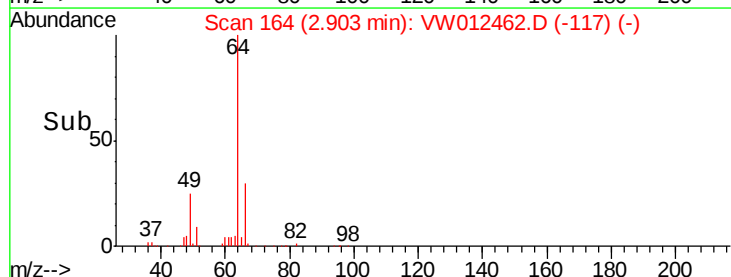
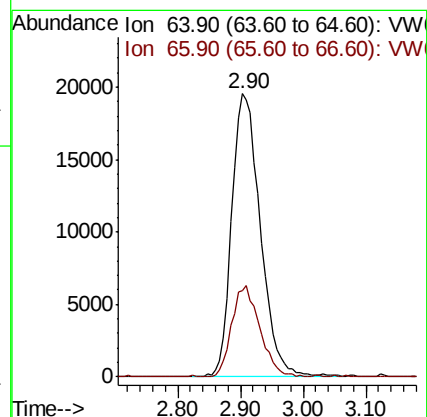
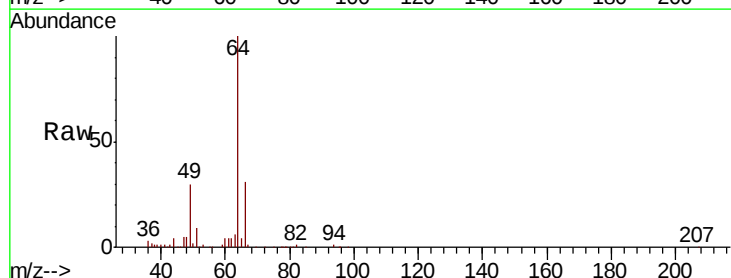
Acq: 01 Sep 2019 21:13

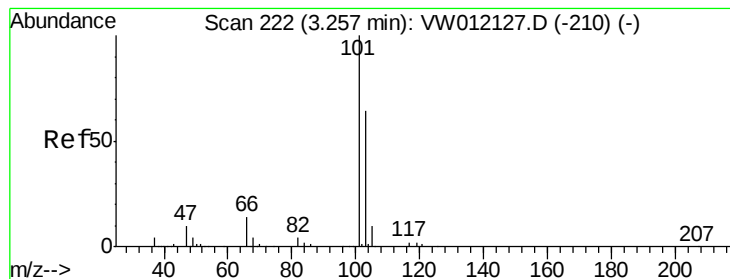
Tgt Ion: 64 Resp: 61774

Ion Ratio Lower Upper

64 100

66 30.3 23.8 35.8





#7

Trichlorofluoromethane

Concen: 59.736 ug/l

RT: 3.24 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

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ClientSampleId :

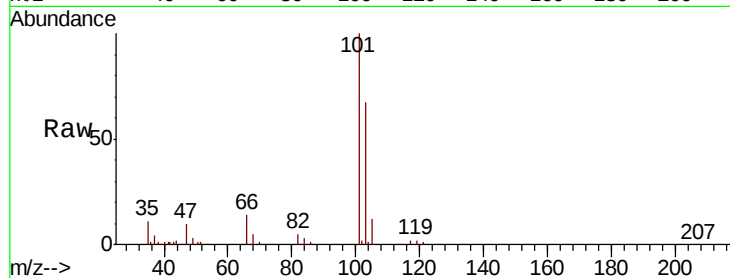
VSTDCCC050EC

Tgt Ion:101 Resp: 58589

Ion Ratio Lower Upper

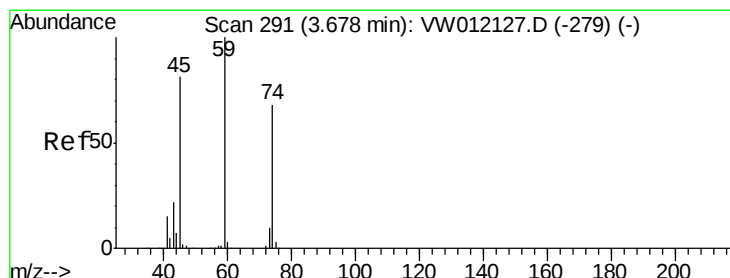
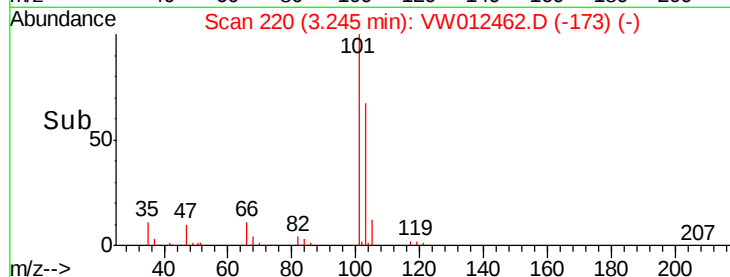
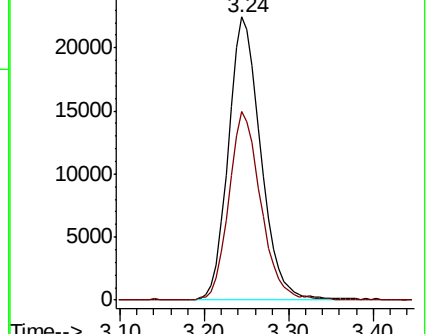
101 100

103 66.6 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 57.448 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012462.D

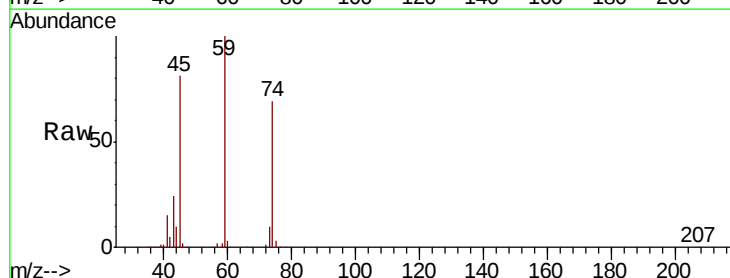
Acq: 01 Sep 2019 21:13

Tgt Ion: 74 Resp: 53482

Ion Ratio Lower Upper

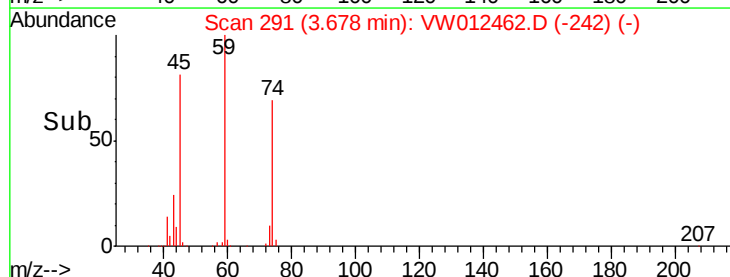
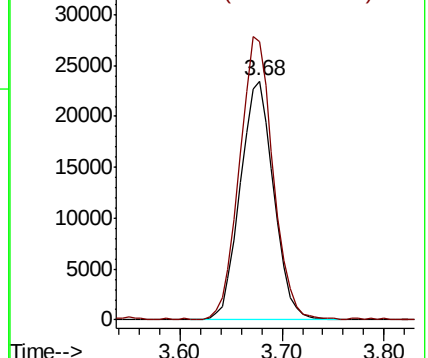
74 100

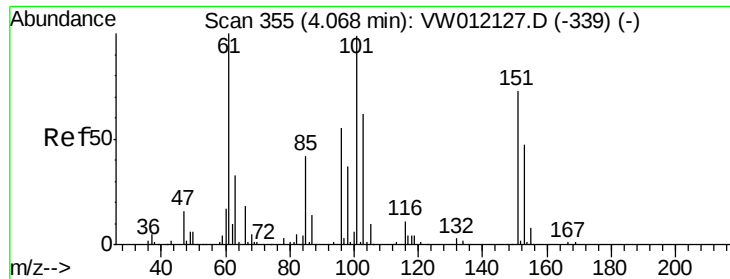
45 119.1 59.2 177.6



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: 55.735 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

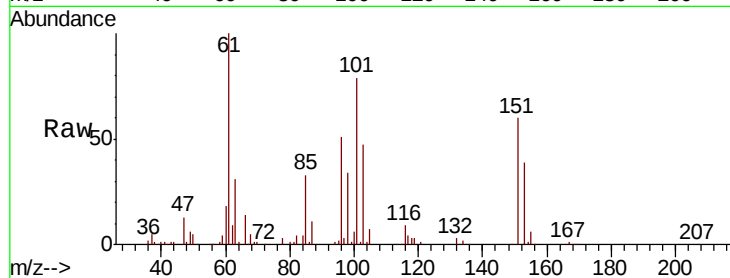
Tgt Ion:101 Resp: 92919

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.6

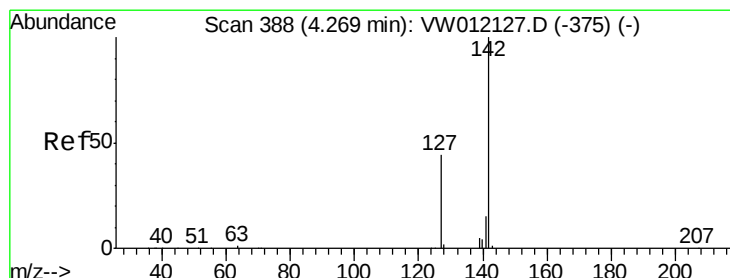
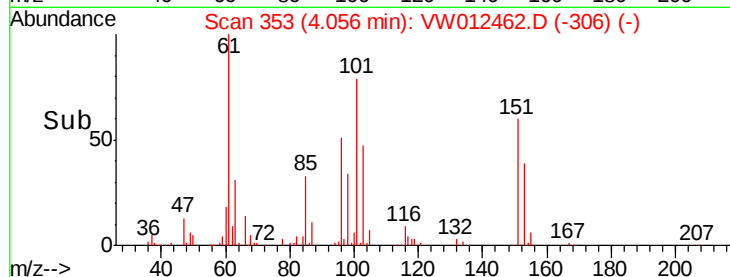
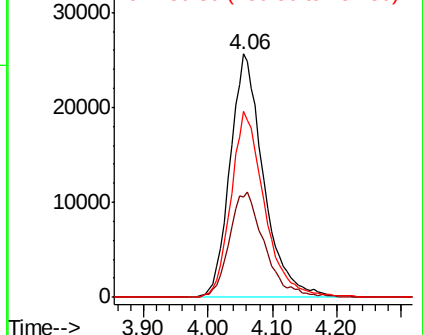
151 76.4 58.6 87.8



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: 55.428 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

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Acq: 01 Sep 2019 21:13

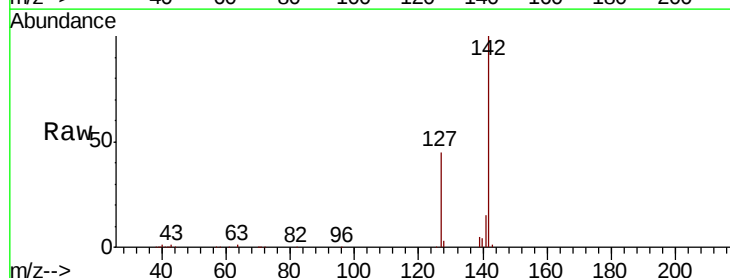
Tgt Ion:142 Resp: 125029

Ion Ratio Lower Upper

142 100

127 46.0 35.5 53.3

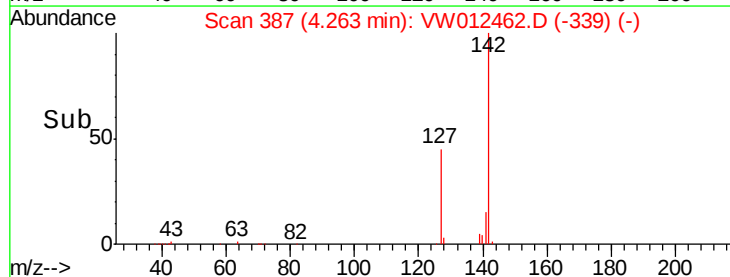
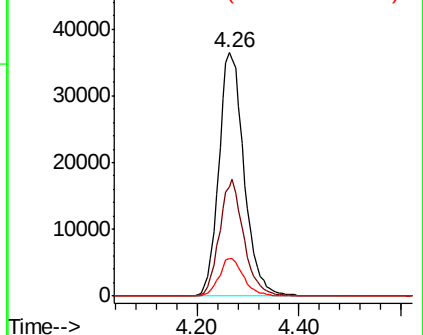
141 15.0 11.8 17.8

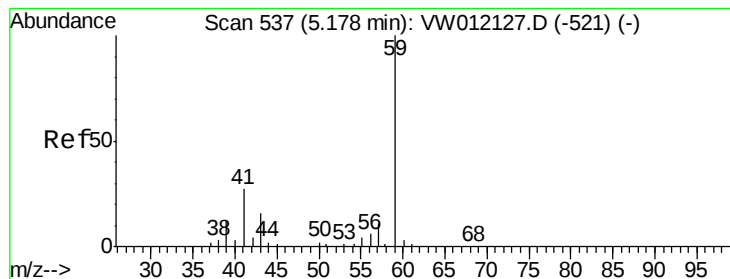


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 354.178 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

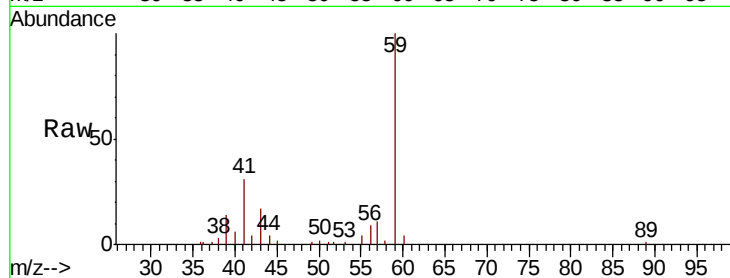
VSTDCCC050EC

Tgt Ion: 59 Resp: 42387

Ion Ratio Lower Upper

59 100

57 11.2 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

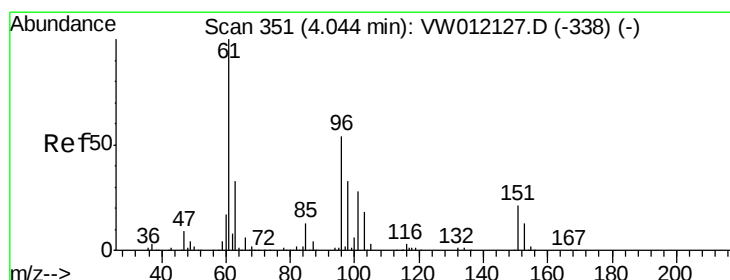
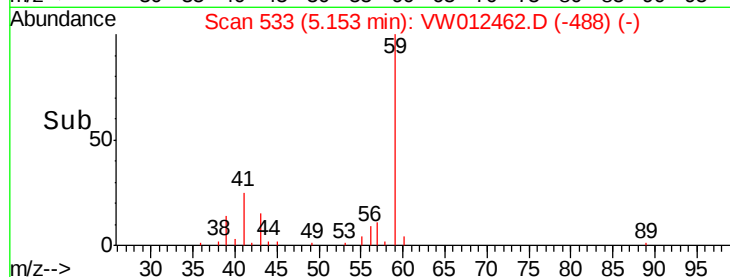
10000

5000

0

Time-->

5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 52.246 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

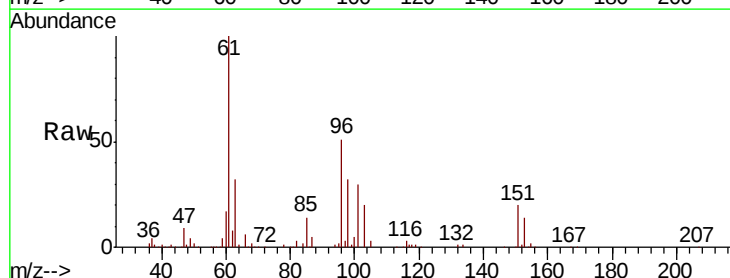
Tgt Ion: 96 Resp: 87668

Ion Ratio Lower Upper

96 100

61 195.2 149.1 223.7

98 63.2 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

4.04

60000

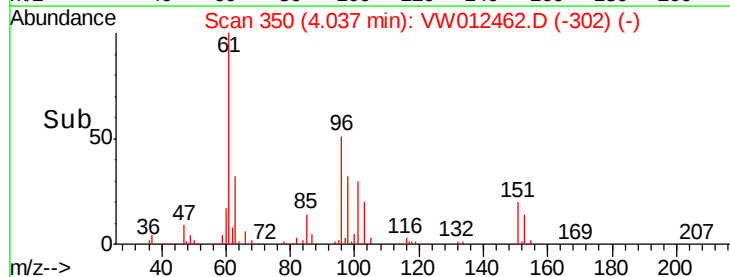
40000

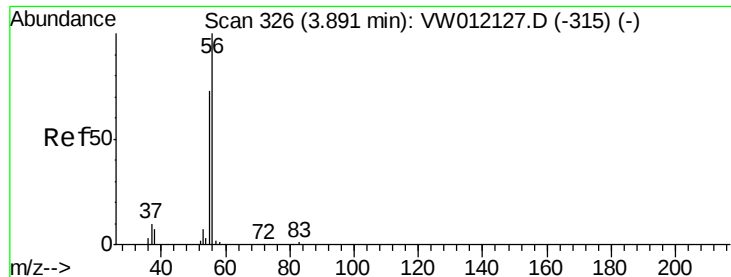
20000

0

Time-->

3.90 4.00 4.10 4.20





#13

Acrolein

Concen: 275.240 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

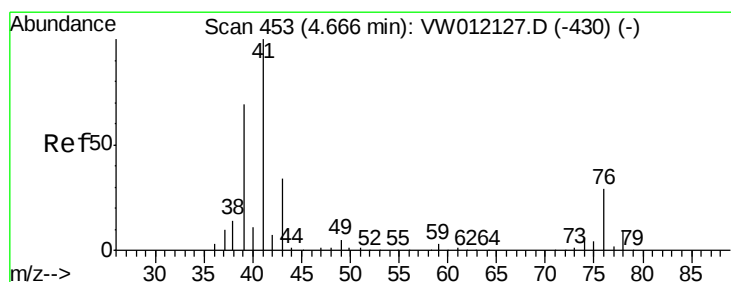
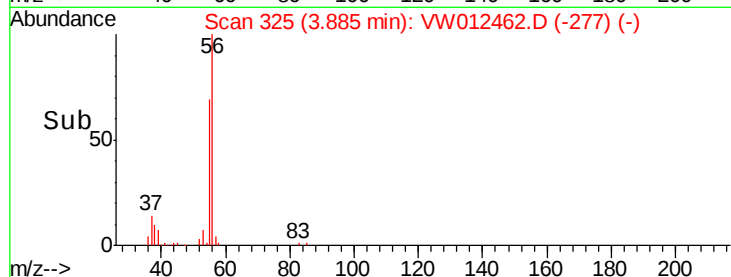
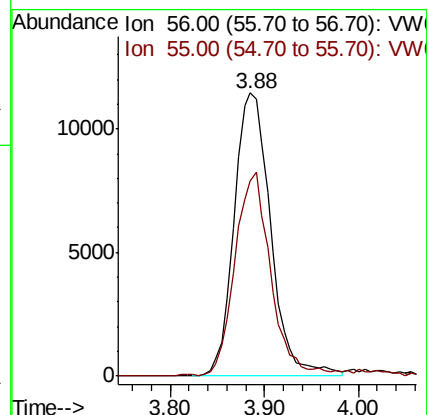
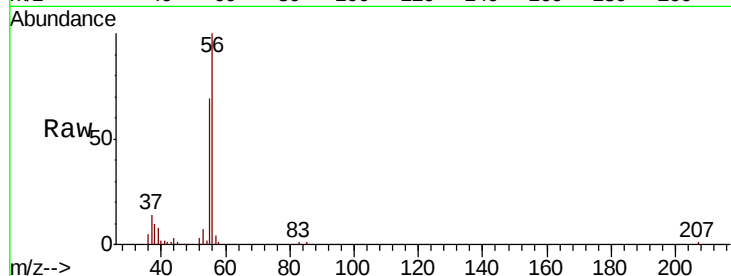
VSTDCCC050EC

Tgt Ion: 56 Resp: 31007

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.8



#14

Allyl chloride

Concen: 54.446 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

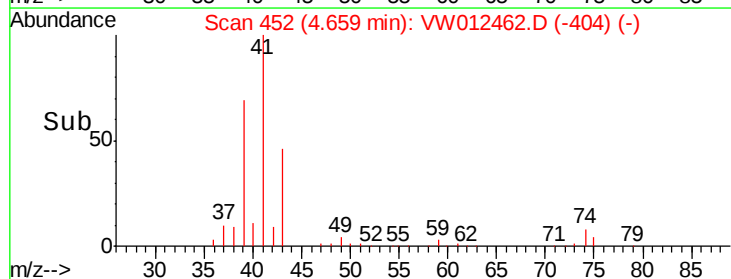
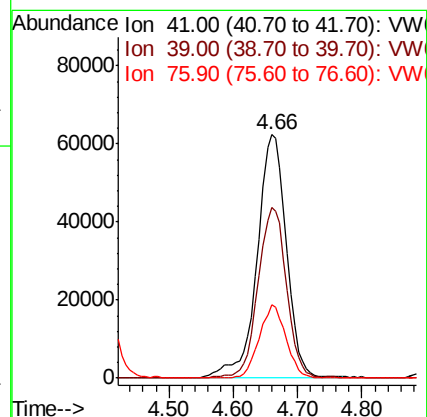
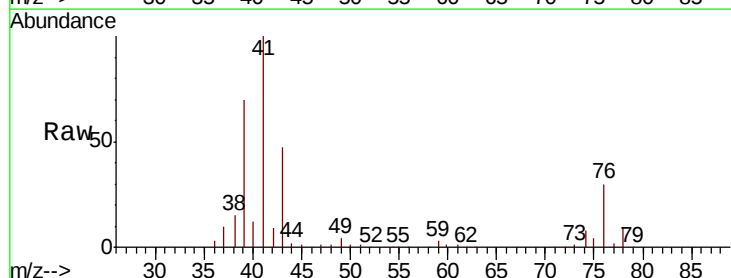
Tgt Ion: 41 Resp: 195315

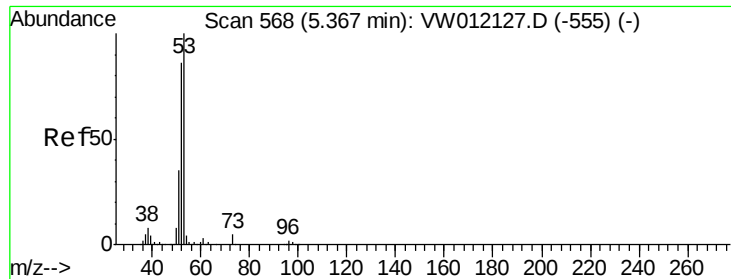
Ion Ratio Lower Upper

41 100

39 67.5 53.4 80.2

76 27.5 22.1 33.1





#15

Acrylonitrile

Concen: 330.426 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

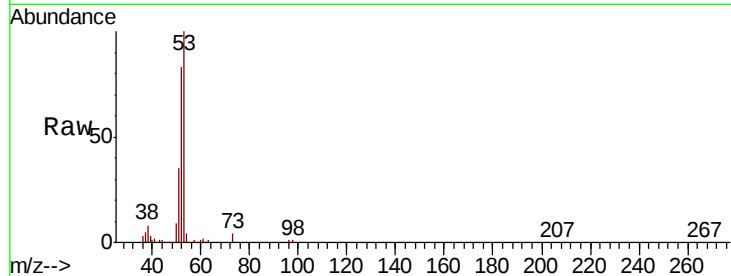
Tgt Ion: 53 Resp: 152473

Ion Ratio Lower Upper

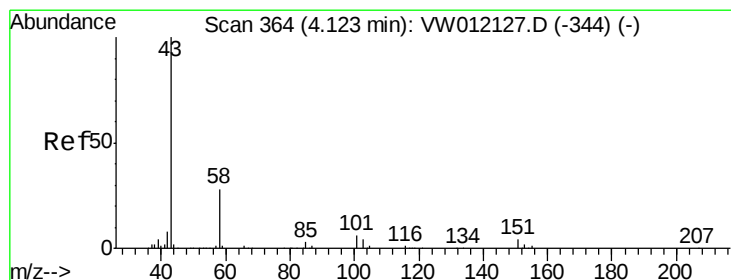
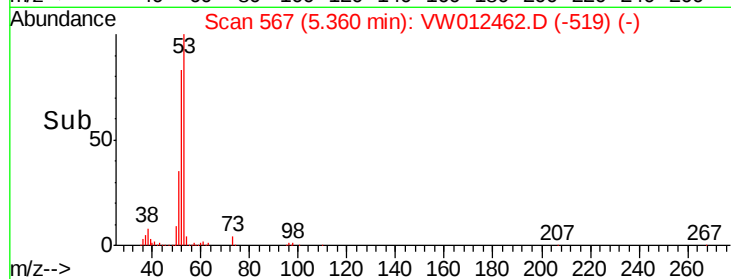
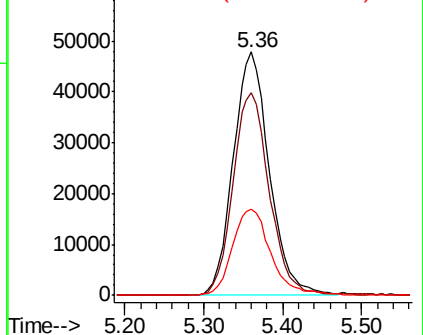
53 100

52 84.0 66.7 100.1

51 37.5 30.1 45.1



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: 291.965 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012462.D

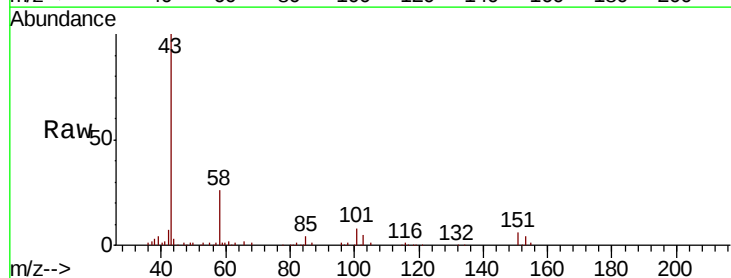
Acq: 01 Sep 2019 21:13

Tgt Ion: 43 Resp: 148419

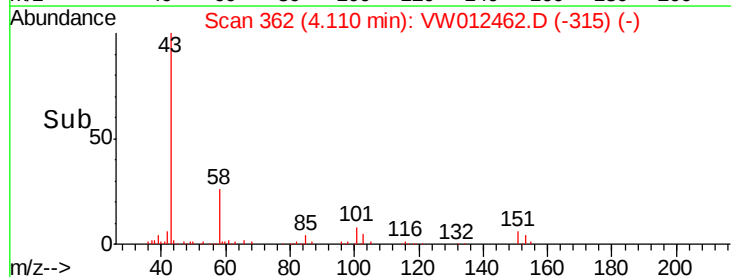
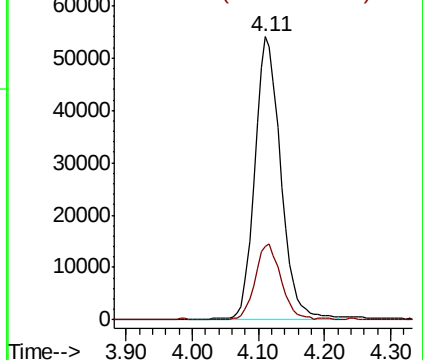
Ion Ratio Lower Upper

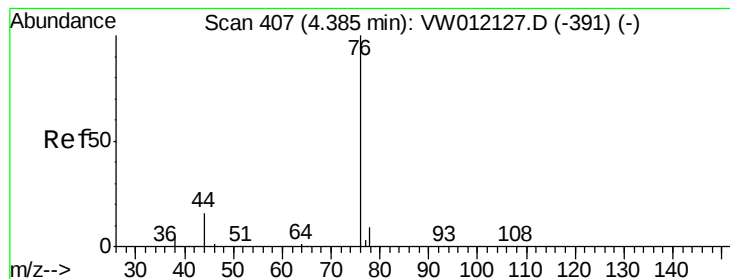
43 100

58 25.8 22.4 33.6



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





#17

Carbon Disulfide

Concen: 49.334 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

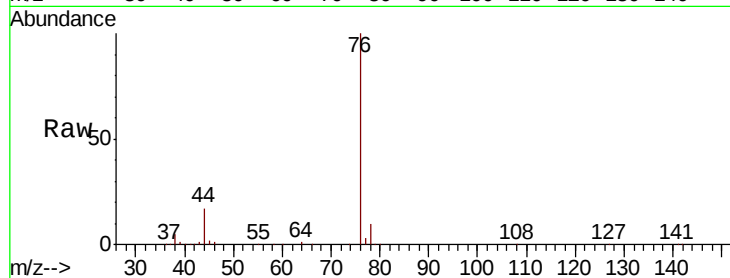
VSTDCCC050EC

Tgt Ion: 76 Resp: 250182

Ion Ratio Lower Upper

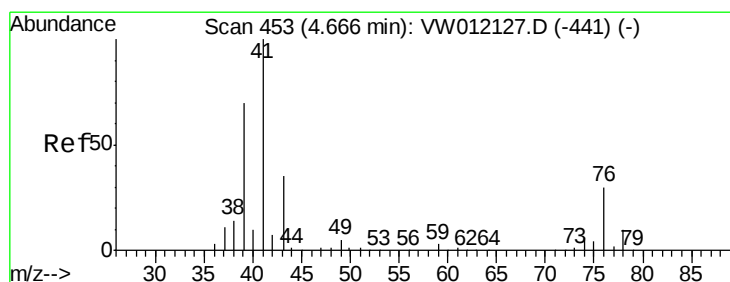
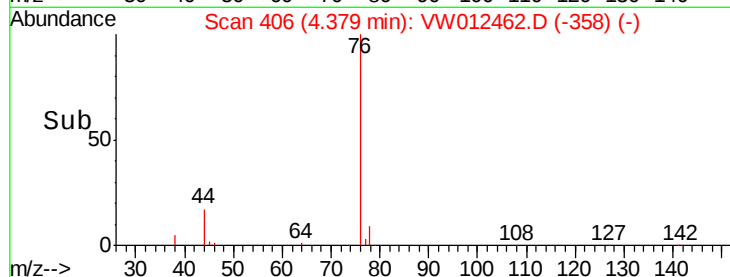
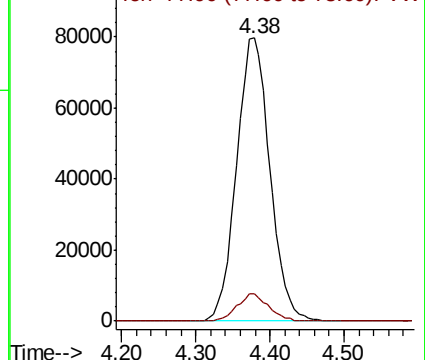
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 69.841 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012462.D

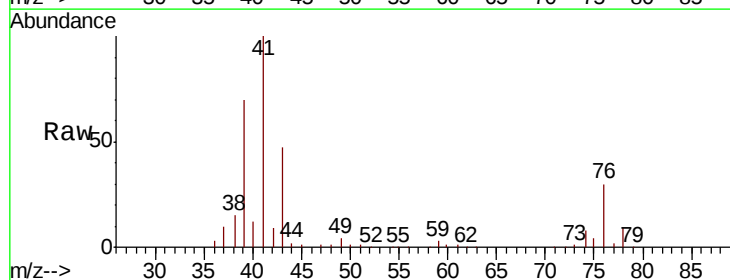
Acq: 01 Sep 2019 21:13

Tgt Ion: 43 Resp: 87935

Ion Ratio Lower Upper

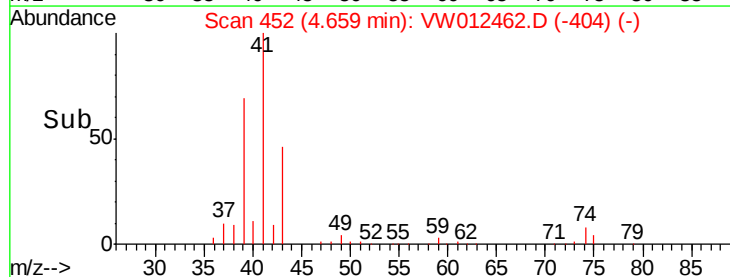
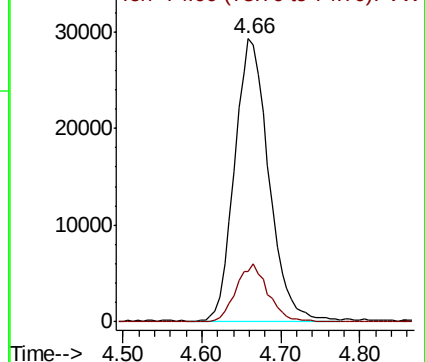
43 100

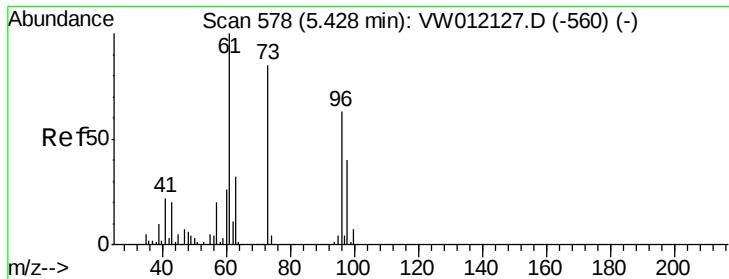
74 19.4 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

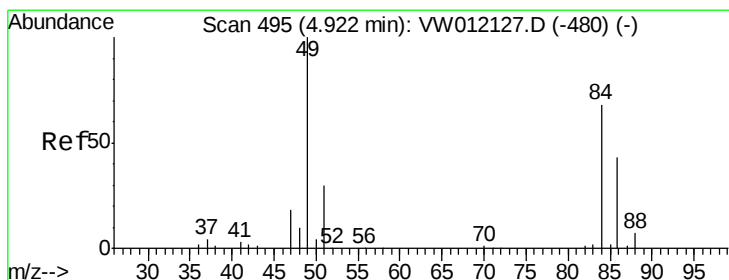
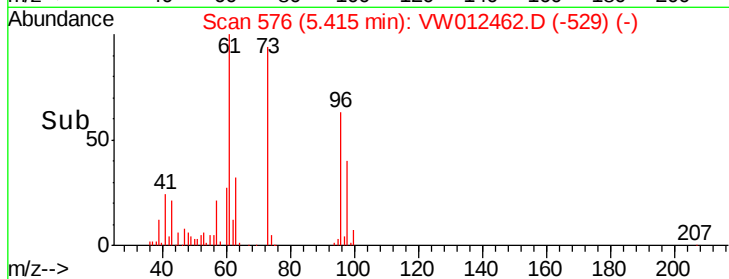
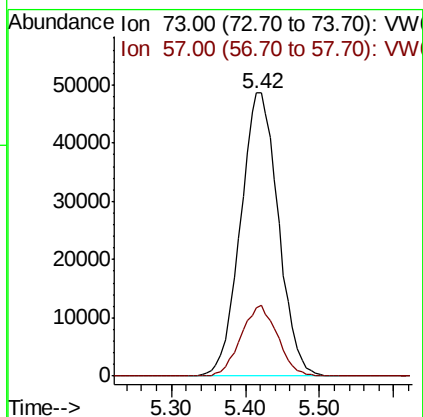
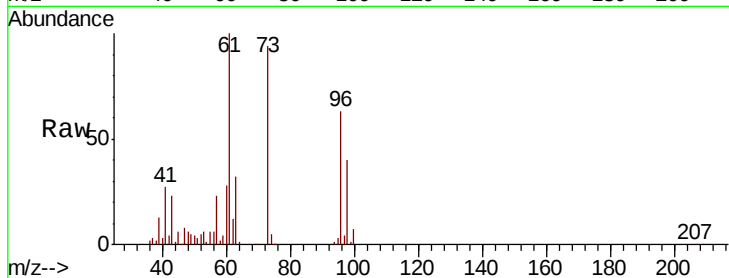




#19
Methyl tert-butyl Ether
Concen: 63.671 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

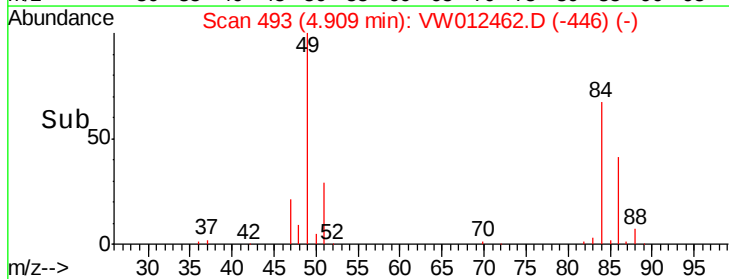
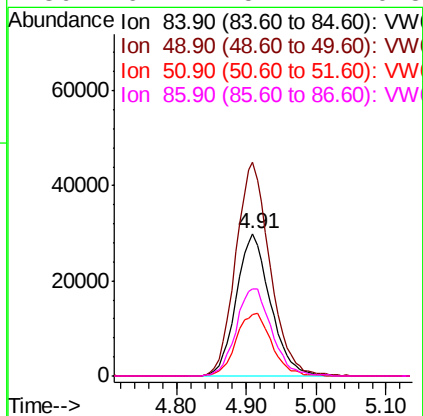
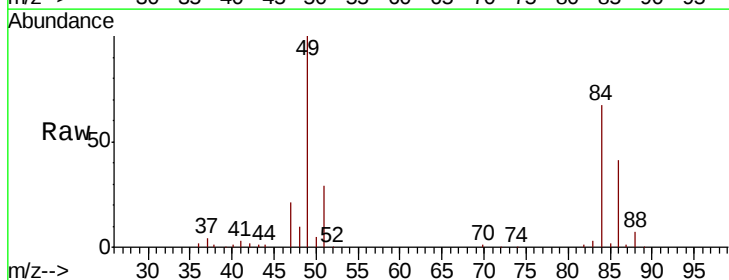
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

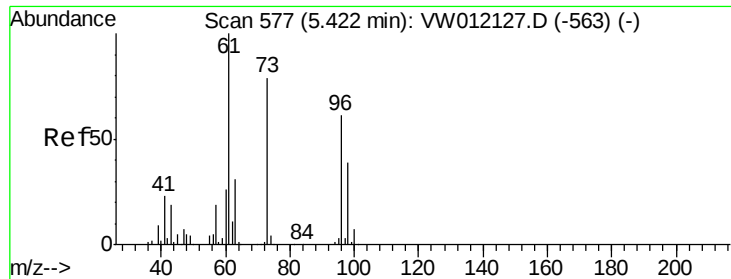
Tgt Ion: 73 Resp: 172776
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3



#20
Methylene Chloride
Concen: 52.511 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 84 Resp: 100913
Ion Ratio Lower Upper
84 100
49 150.3 117.8 176.8
51 43.3 35.6 53.4
86 61.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.386 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

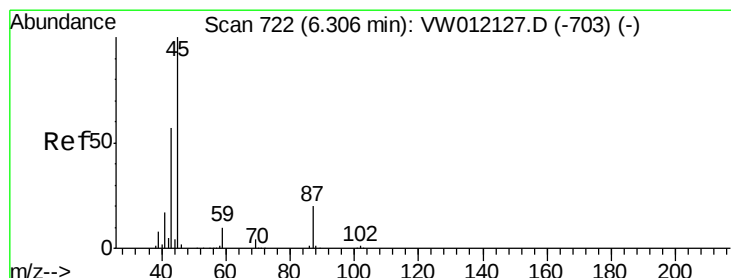
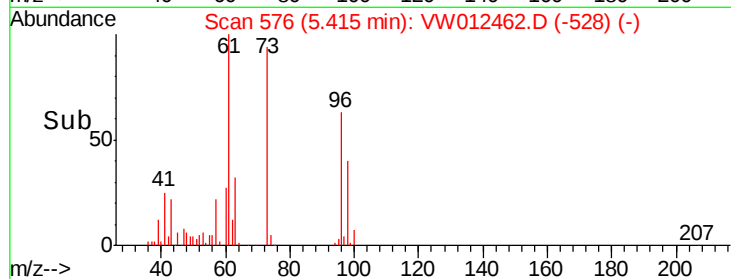
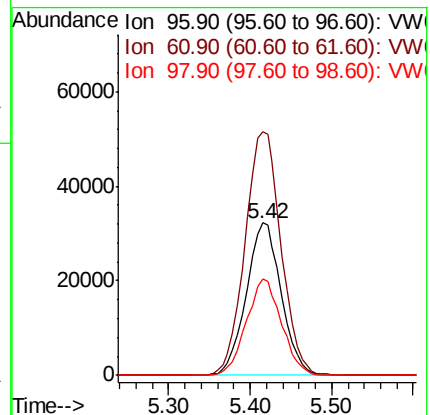
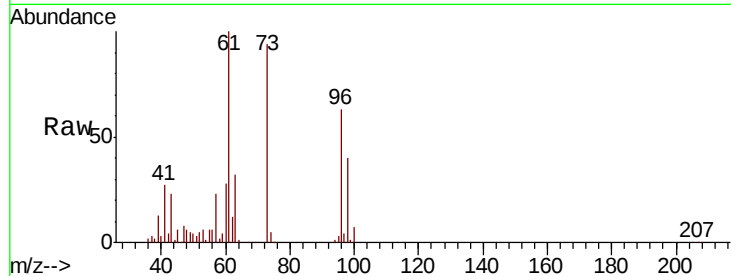
Tgt Ion: 96 Resp: 96063

Ion Ratio Lower Upper

96 100

61 159.5 131.4 197.0

98 63.0 51.4 77.0



#22

Diisopropyl ether

Concen: 58.206 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Tgt Ion: 45 Resp: 387036

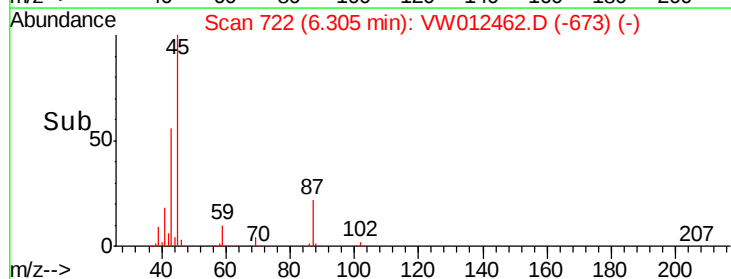
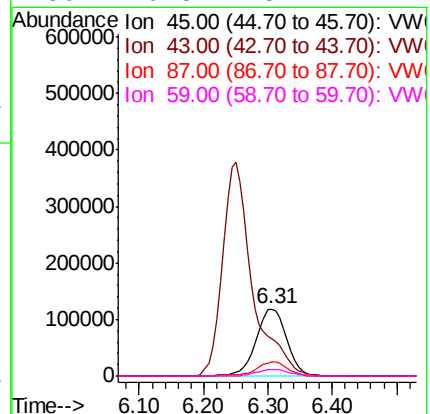
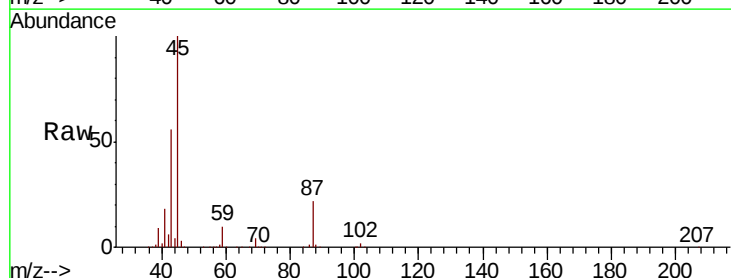
Ion Ratio Lower Upper

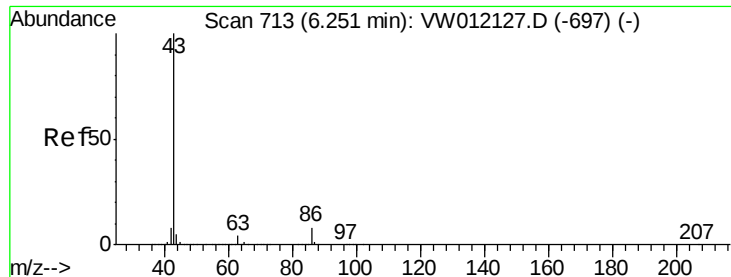
45 100

43 56.1 45.5 68.3

87 21.8 16.1 24.1

59 10.3 8.2 12.2





#23

Vinyl Acetate

Concen: 301.414 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

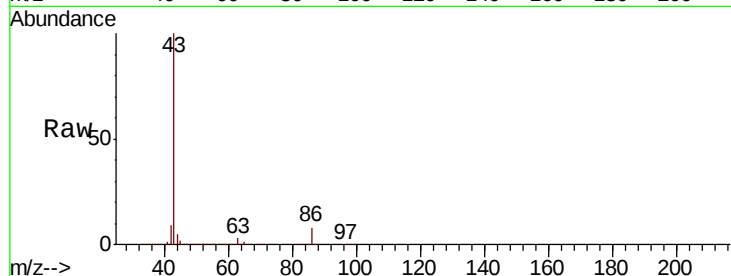
VSTDCCC050EC

Tgt Ion: 43 Resp: 1233434

Ion Ratio Lower Upper

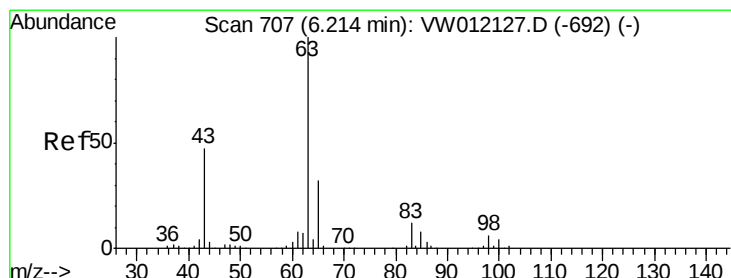
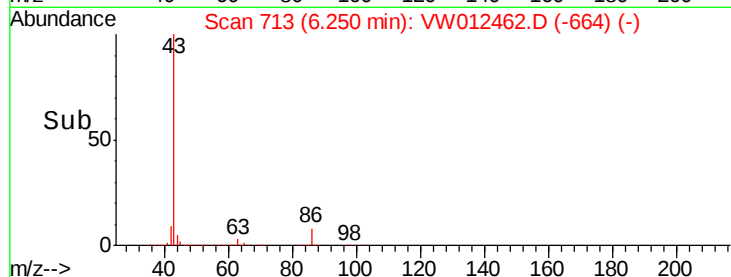
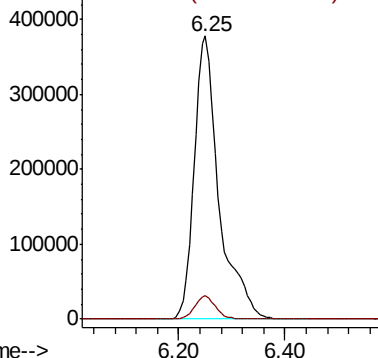
43 100

86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.656 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

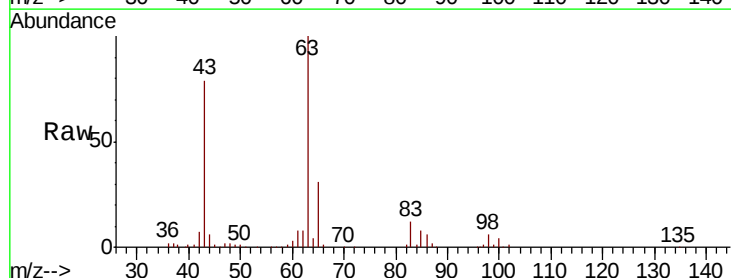
Tgt Ion: 63 Resp: 201504

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

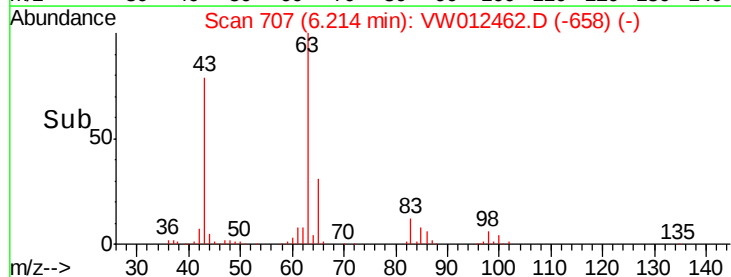
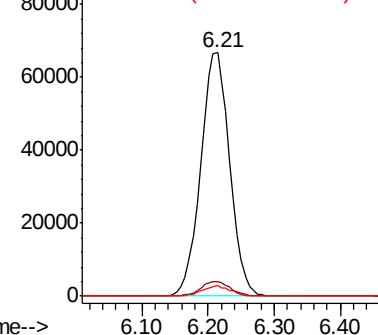
100 4.3 2.0 6.0

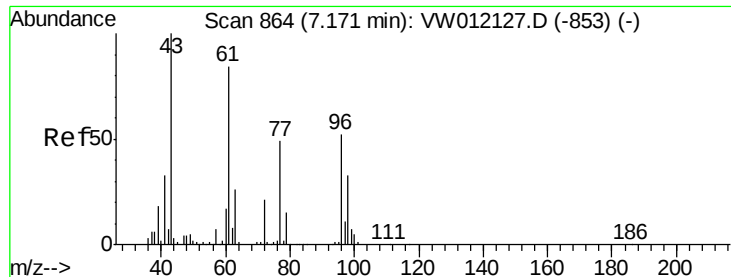


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 313.598 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

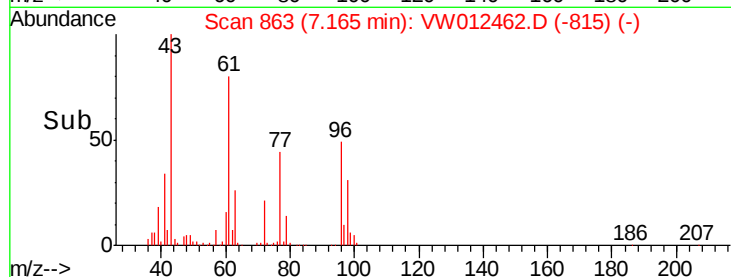
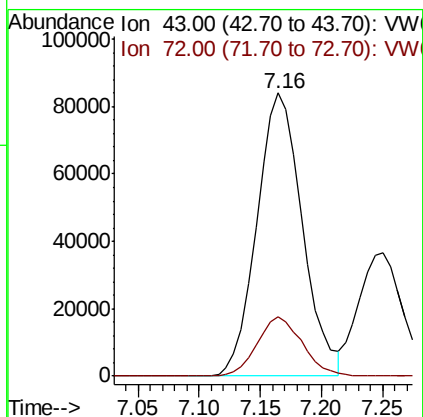
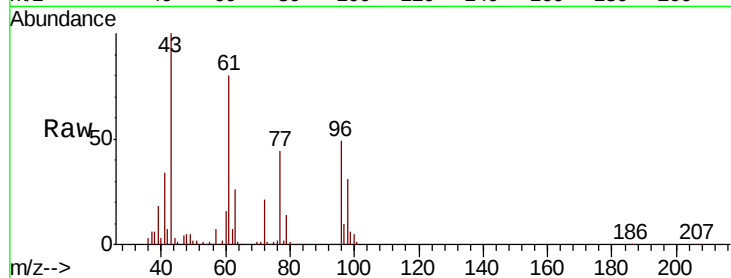
VSTDCCC050EC

Tgt Ion: 43 Resp: 216628

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 55.223 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012462.D

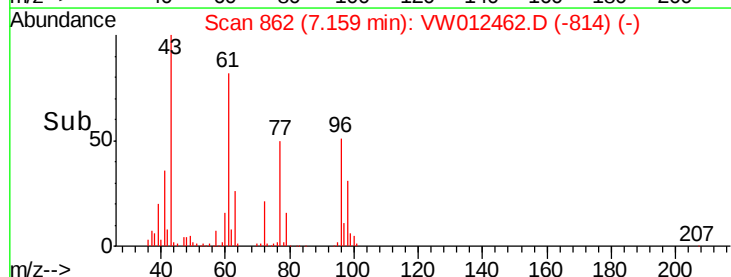
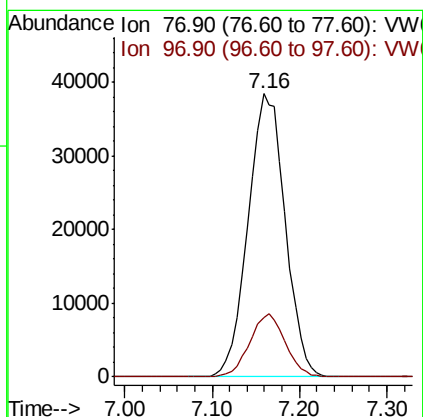
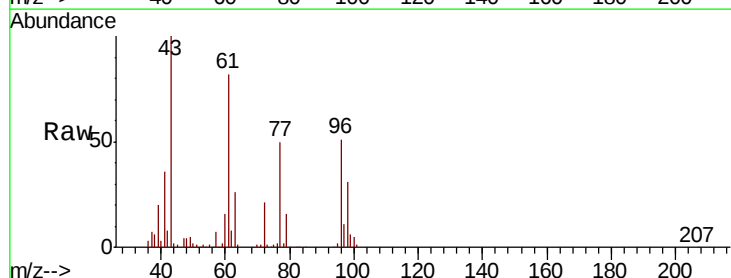
Acq: 01 Sep 2019 21:13

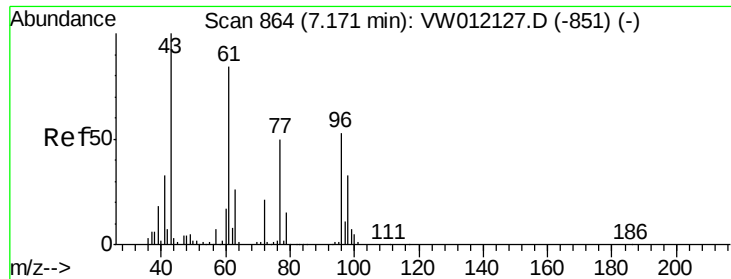
Tgt Ion: 77 Resp: 113165

Ion Ratio Lower Upper

77 100

97 21.3 11.1 33.1



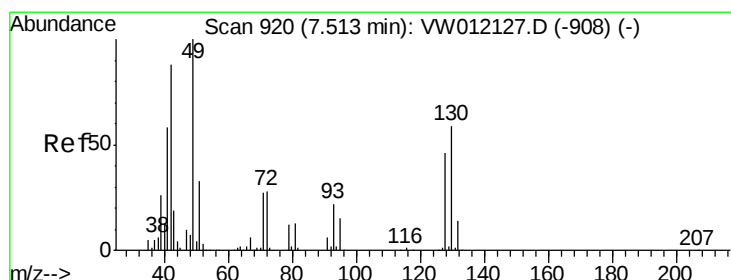
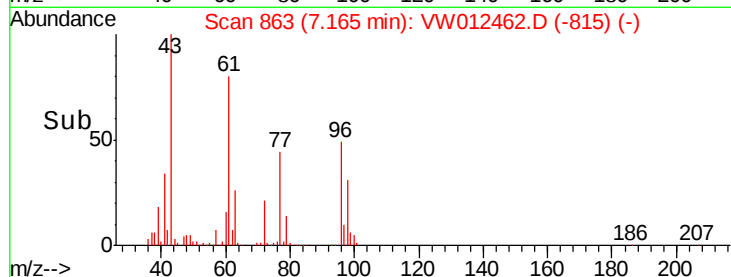
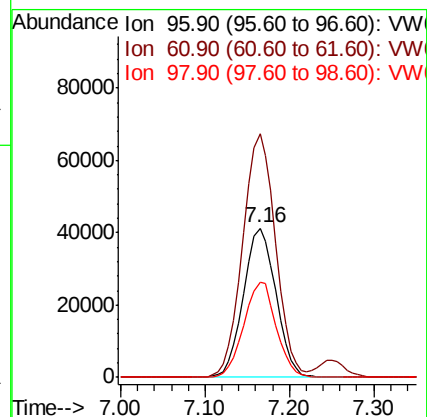
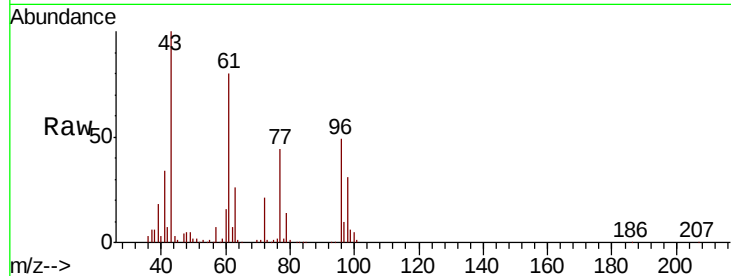


#27

cis-1,2-Dichloroethene
Concen: 55.767 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

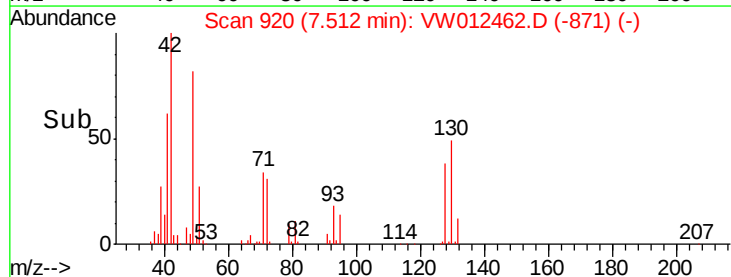
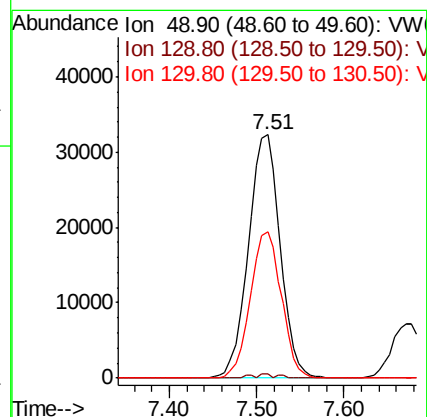
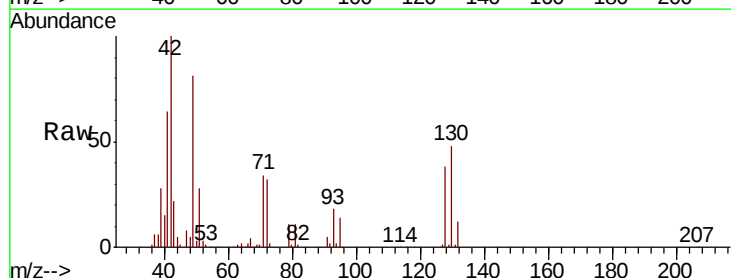
Tgt Ion: 96 Resp: 107212
Ion Ratio Lower Upper
96 100
61 165.1 0.0 326.6
98 63.6 0.0 127.4

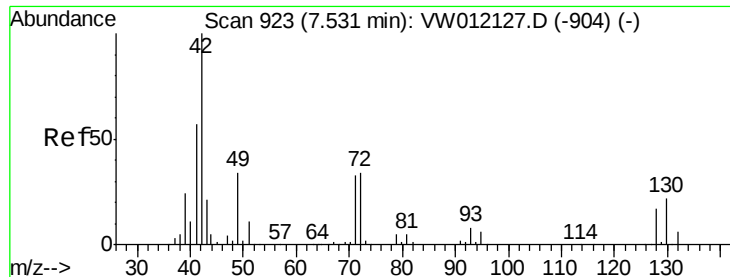


#28

Bromochloromethane
Concen: 51.577 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 49 Resp: 81388
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.4
130 58.9 45.5 68.3





#29

Tetrahydrofuran

Concen: 340.022 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

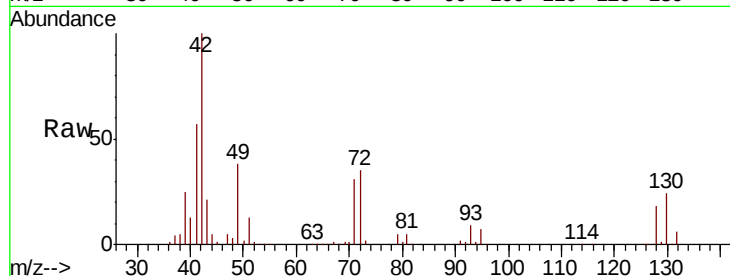
Tgt Ion: 42 Resp: 140919

Ion Ratio Lower Upper

42 100

72 33.3 27.3 40.9

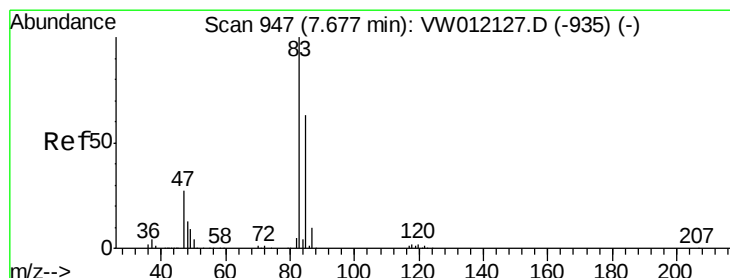
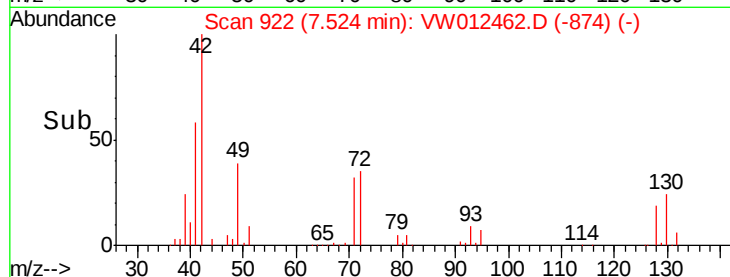
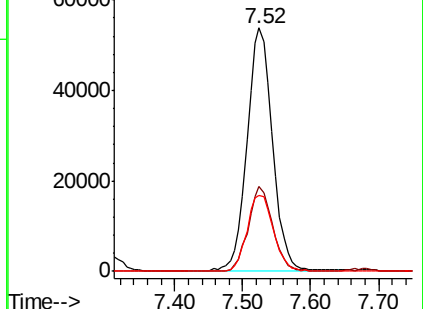
71 32.4 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 58.514 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012462.D

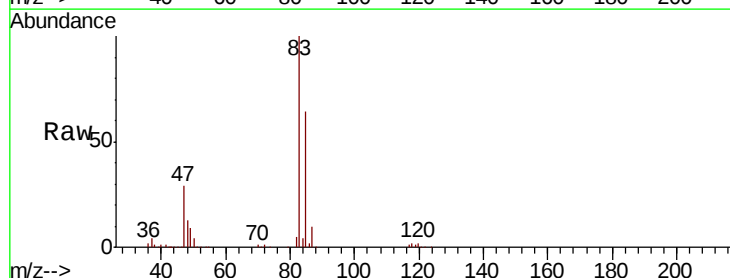
Acq: 01 Sep 2019 21:13

Tgt Ion: 83 Resp: 193819

Ion Ratio Lower Upper

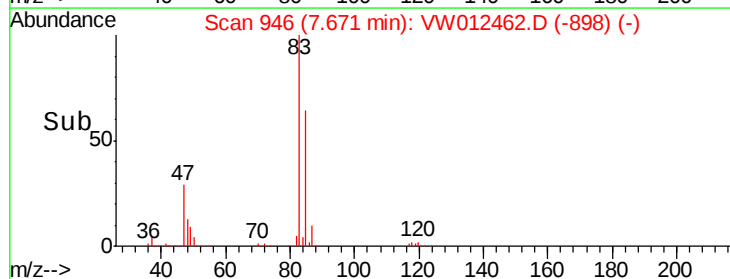
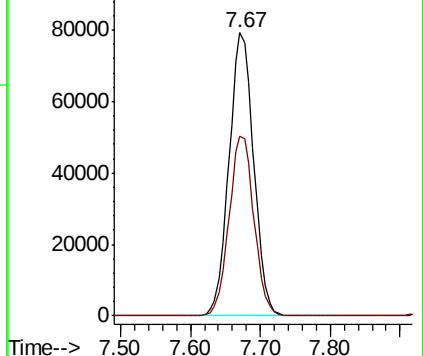
83 100

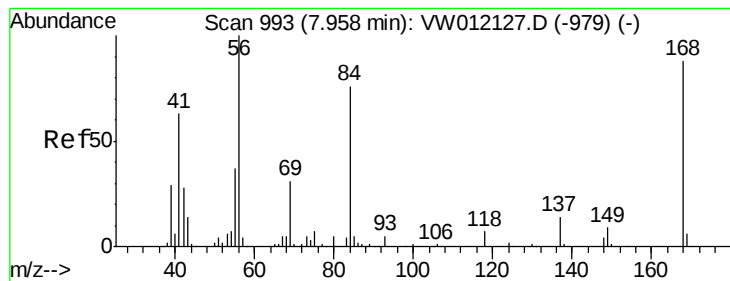
85 63.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 49.748 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

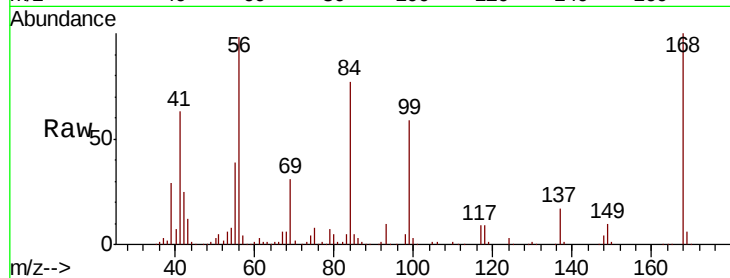
Tgt Ion: 56 Resp: 178196

Ion Ratio Lower Upper

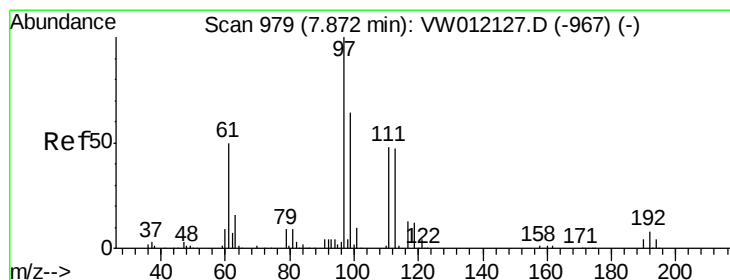
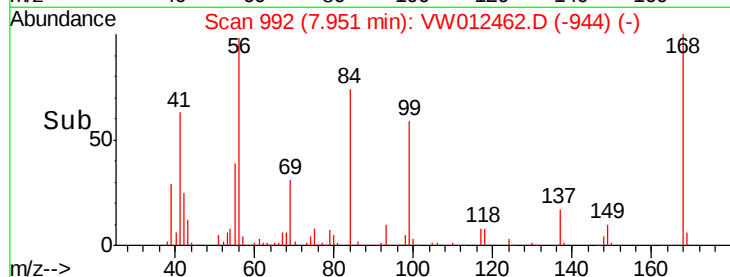
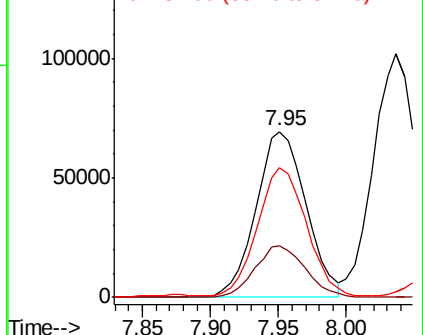
56 100

69 31.5 24.9 37.3

84 77.4 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: 60.094 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

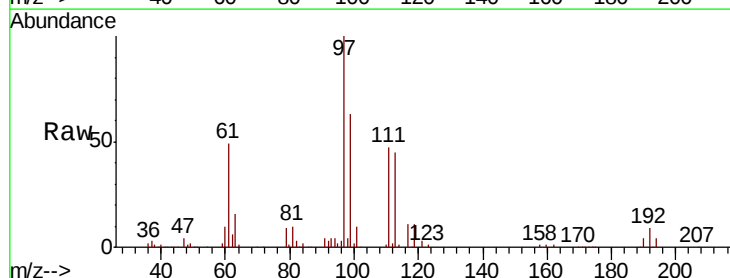
Tgt Ion: 97 Resp: 157466

Ion Ratio Lower Upper

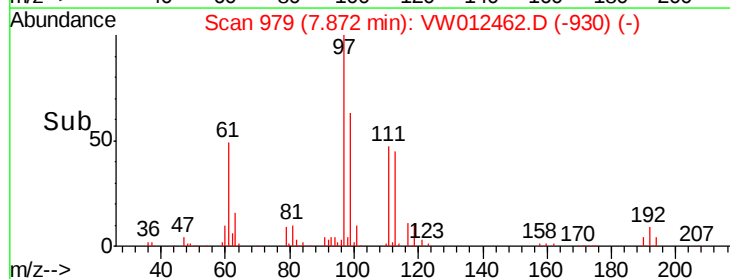
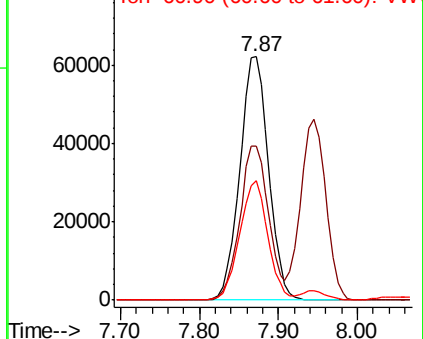
97 100

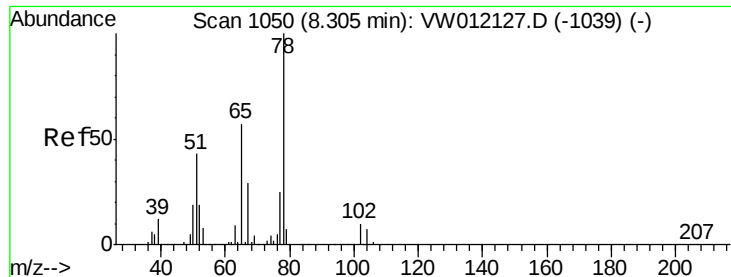
99 64.0 51.4 77.0

61 48.2 39.5 59.3



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

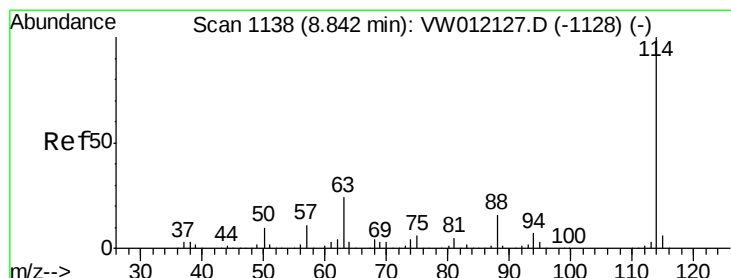
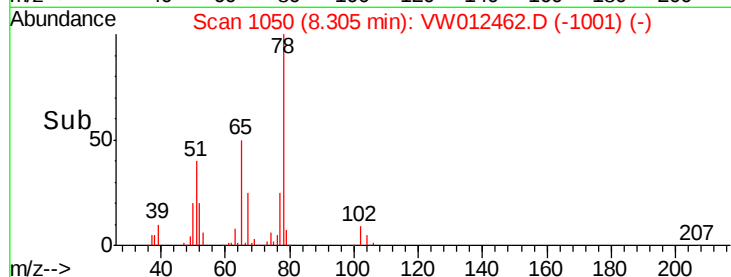
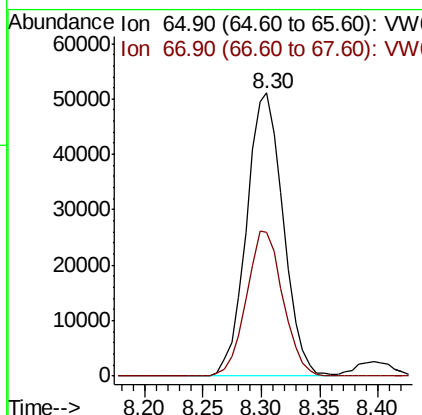
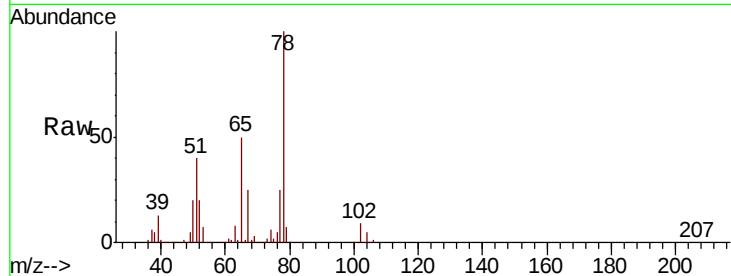




#33
 1,2-Dichloroethane-d4
 Concen: 56.335 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

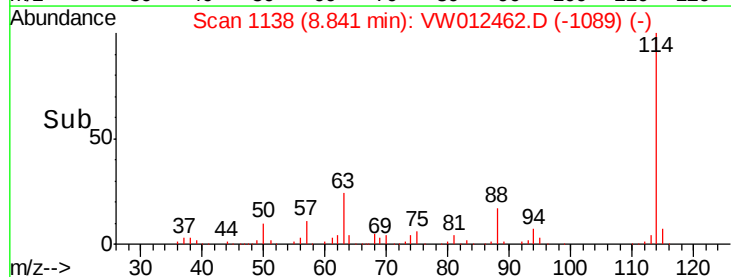
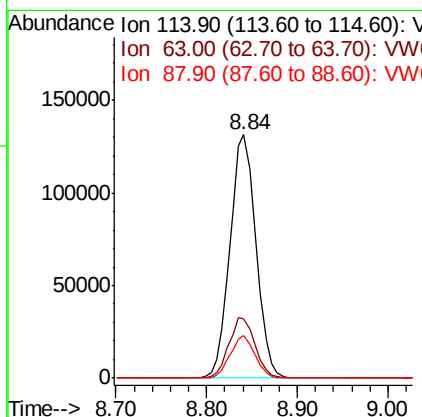
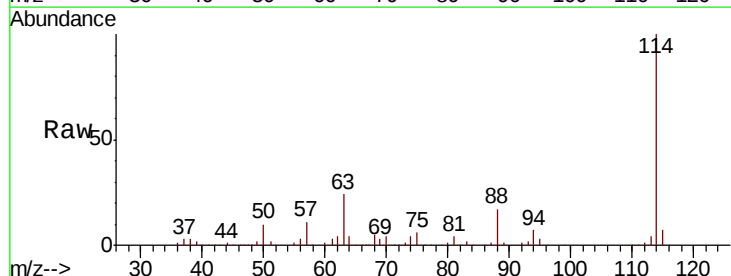
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

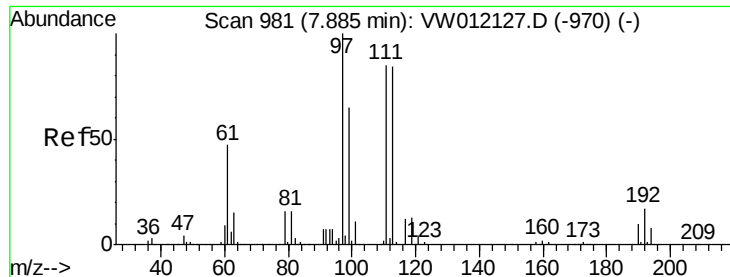
Tgt Ion: 65 Resp: 112032
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 114 Resp: 261340
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.4 0.0 32.2

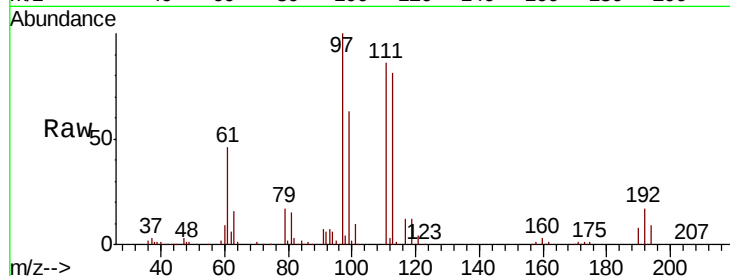




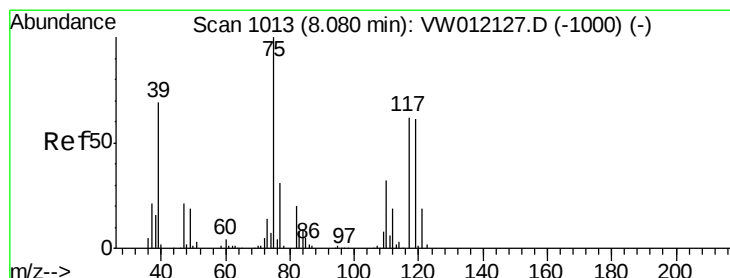
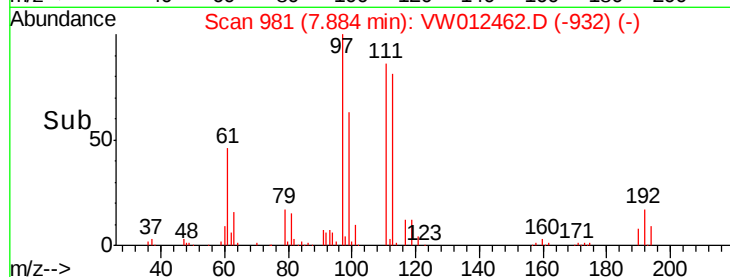
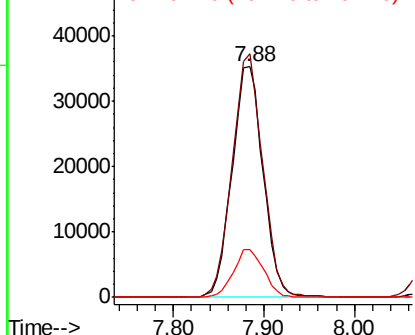
#35
 Dibromofluoromethane
 Concen: 53.672 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 83725
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.5 16.2 24.2

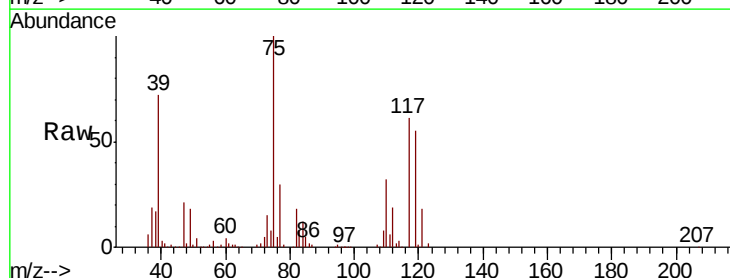


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

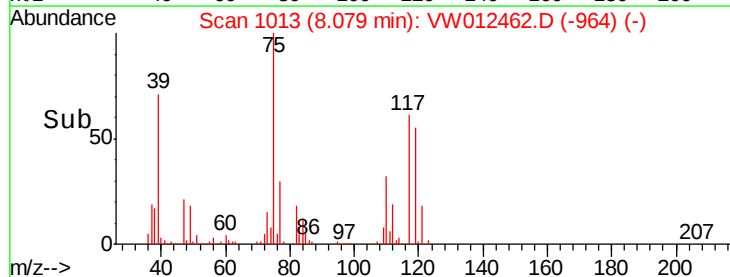
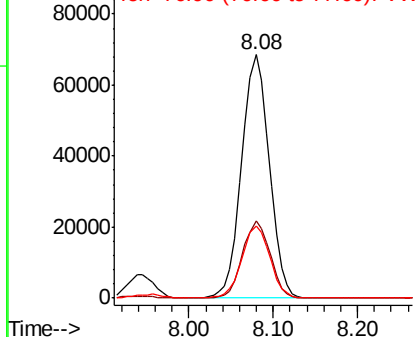


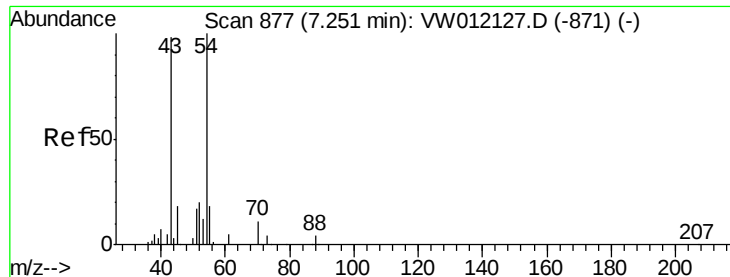
#36
 1,1-Dichloropropene
 Concen: 56.367 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 75 Resp: 152226
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 30.2 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

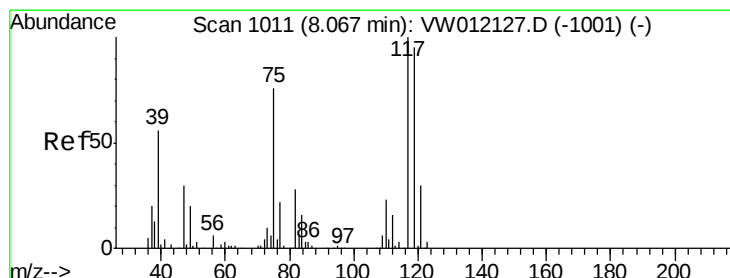
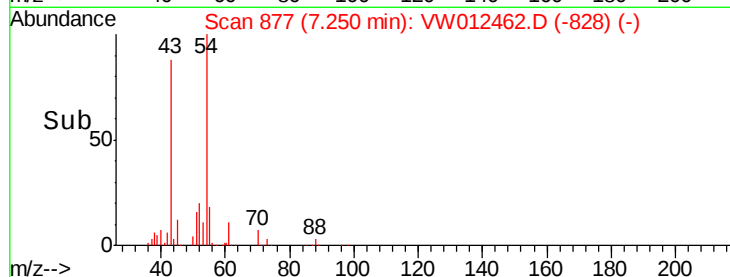
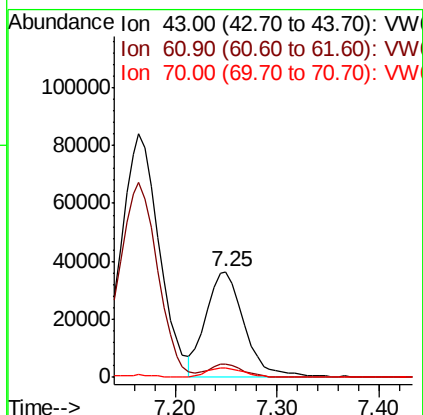
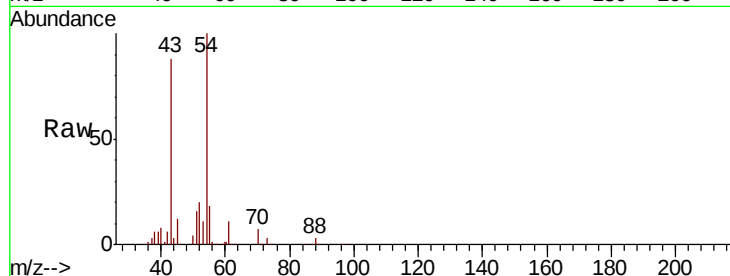




#37
Ethyl Acetate
Concen: 63.572 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

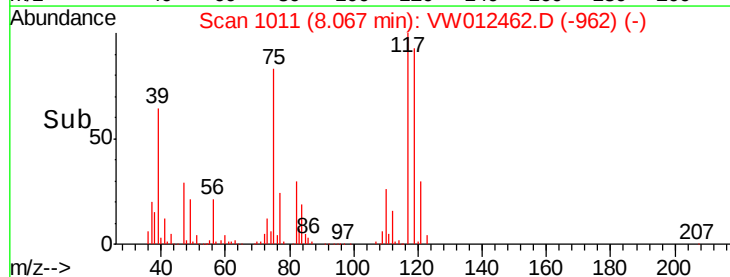
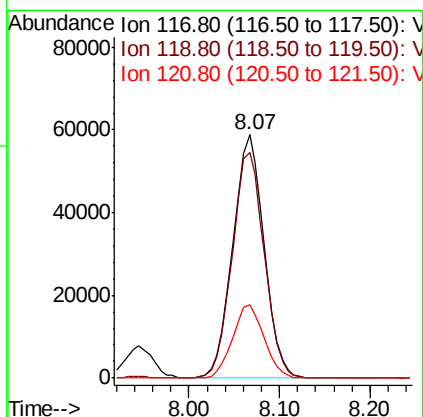
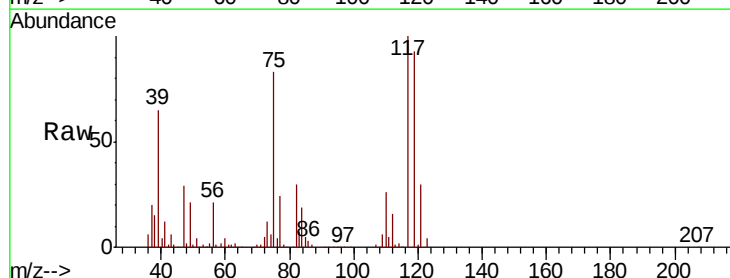
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

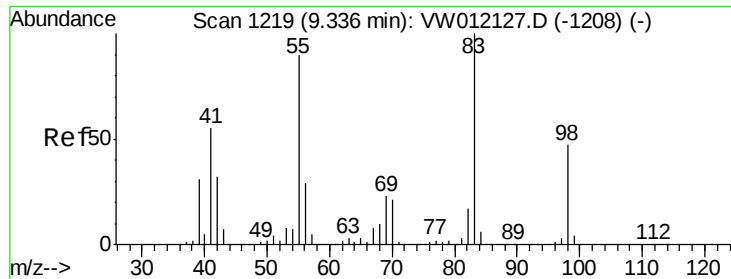
Tgt Ion: 43 Resp: 94081
Ion Ratio Lower Upper
43 100
61 11.7 9.2 13.8
70 8.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 60.058 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 117 Resp: 140385
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.2
121 30.1 23.8 35.8

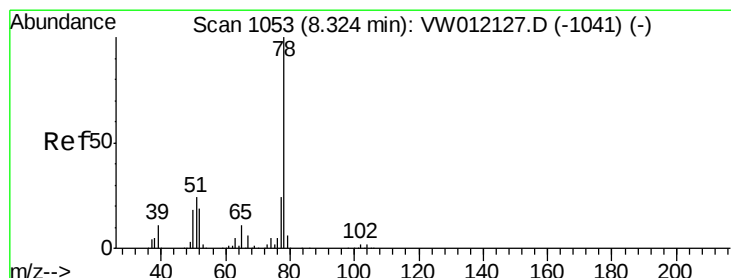
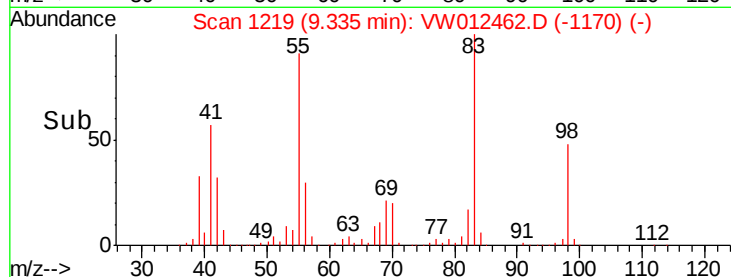
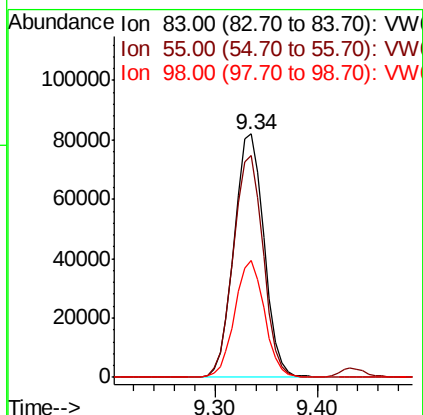
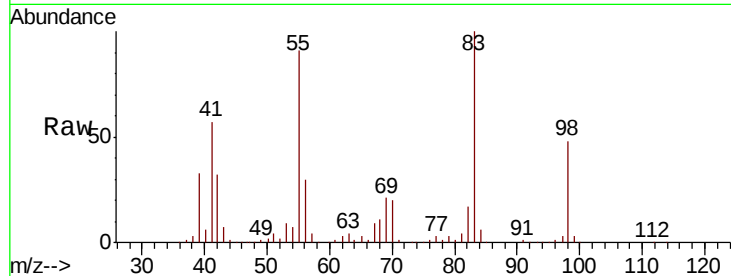




#39
Methylcyclohexane
Concen: 55.148 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

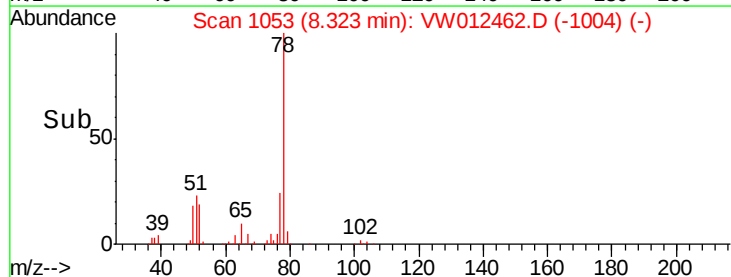
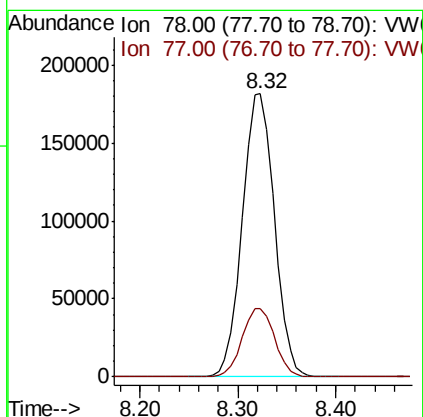
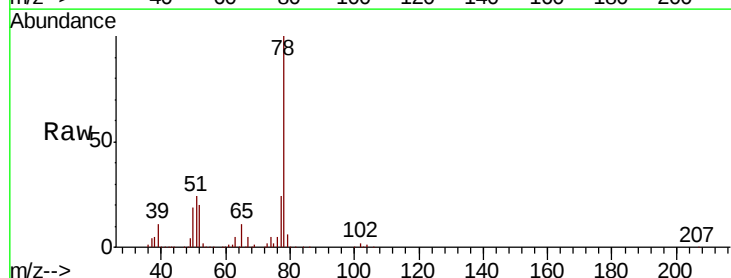
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 167318
Ion Ratio Lower Upper
83 100
55 91.2 71.8 107.8
98 47.9 37.8 56.8



#40
Benzene
Concen: 56.152 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 78 Resp: 414083
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

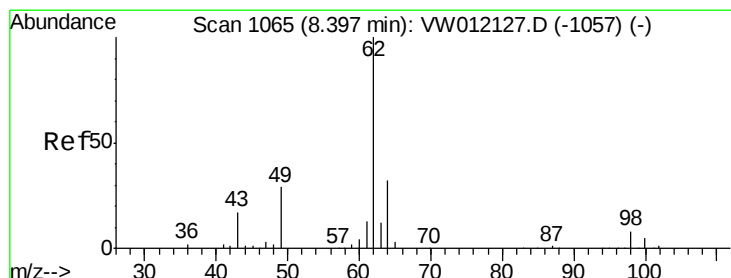
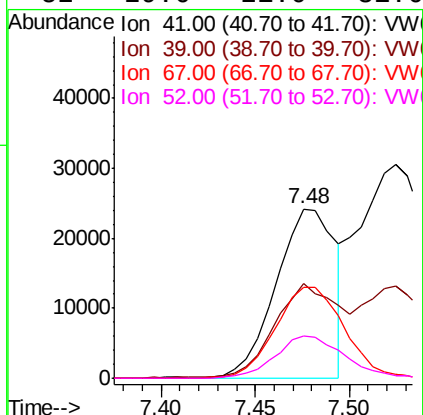
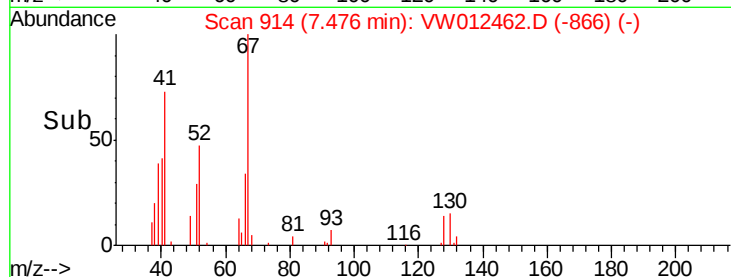
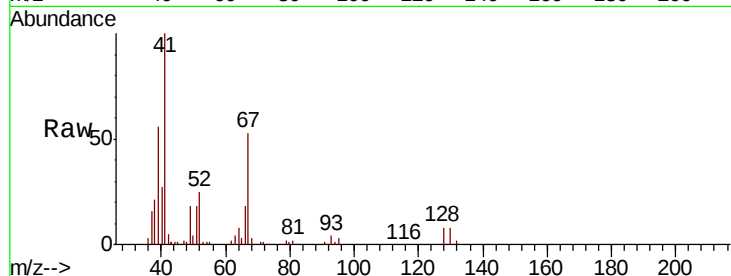




#41
Methacrylonitrile
Concen: 60.807 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

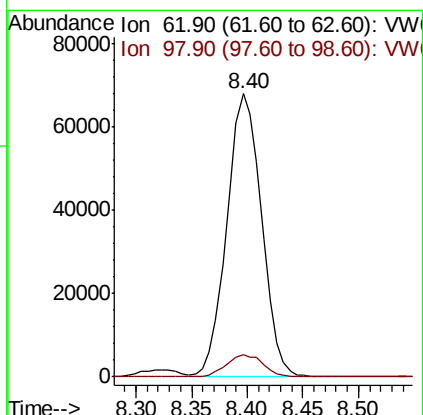
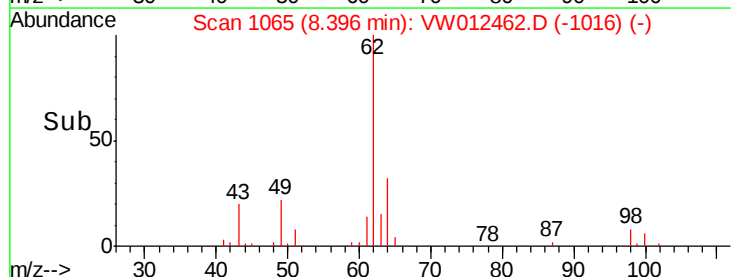
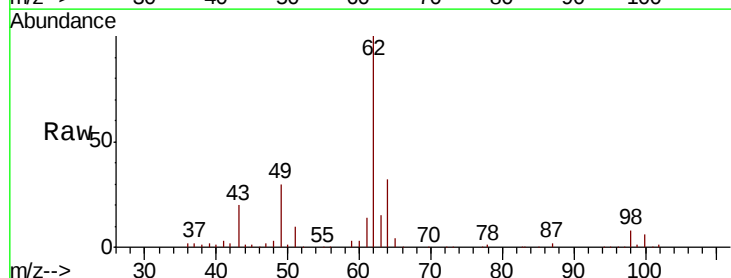
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

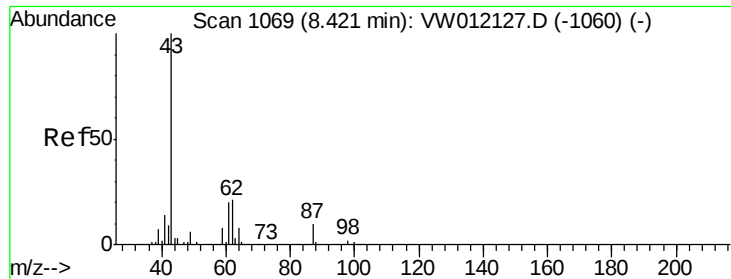
Tgt Ion:	41	Resp:	52890
Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.8	68.8
67	63.0	46.2	69.4
52	29.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 63.576 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion:	62	Resp:	146936
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 63.145 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

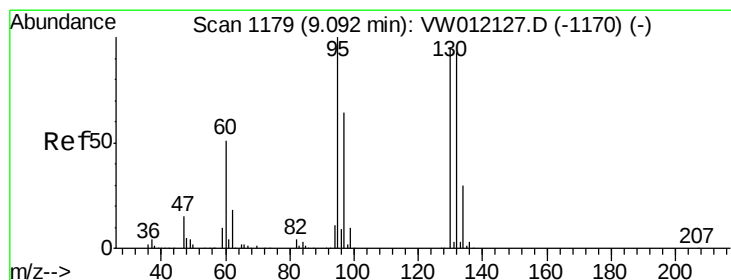
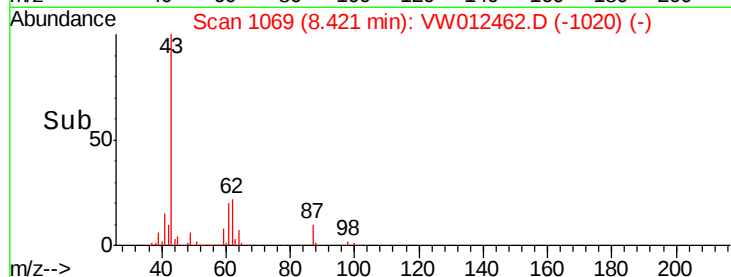
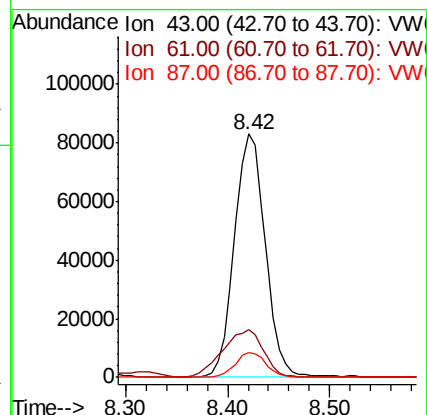
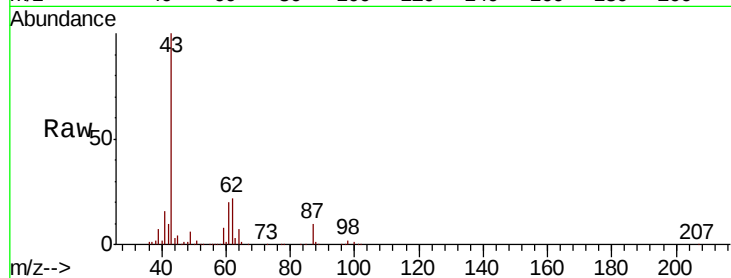
Tgt Ion: 43 Resp: 173098

Ion Ratio Lower Upper

43 100

61 25.8 21.1 31.7

87 10.1 8.2 12.2



#44

Trichloroethene

Concen: 57.458 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012462.D

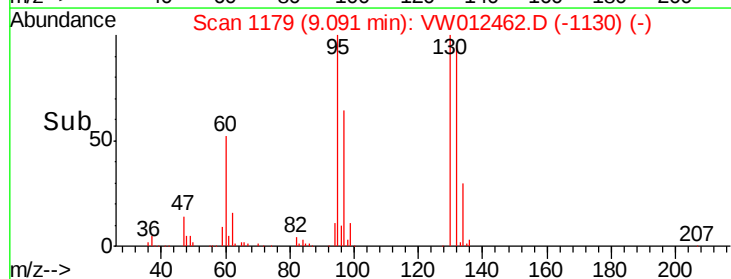
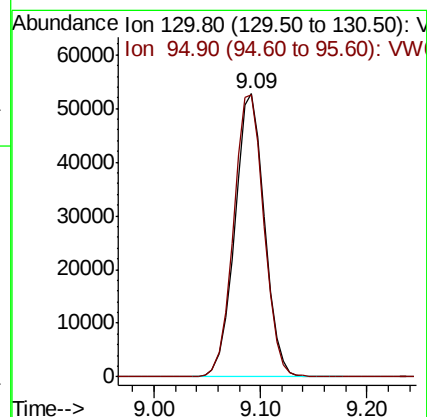
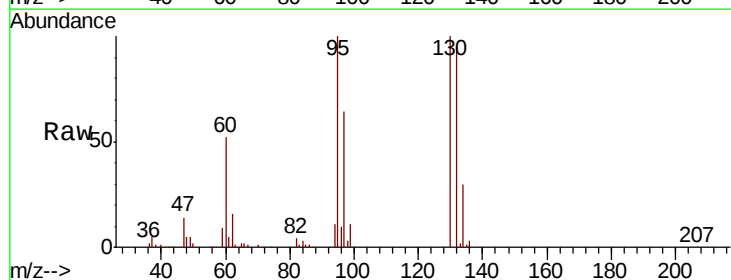
Acq: 01 Sep 2019 21:13

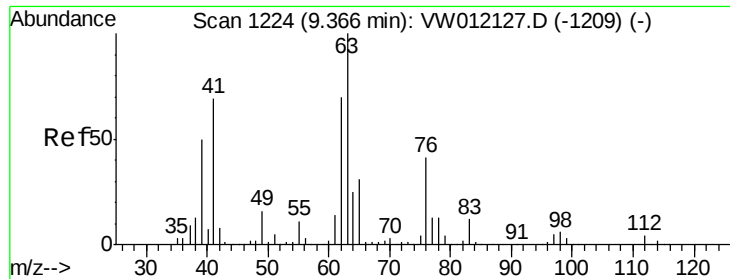
Tgt Ion: 130 Resp: 103003

Ion Ratio Lower Upper

130 100

95 99.6 0.0 210.6

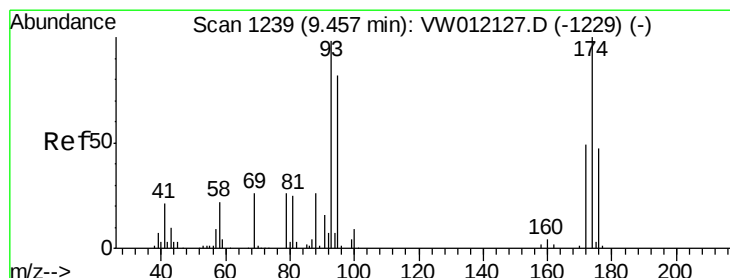
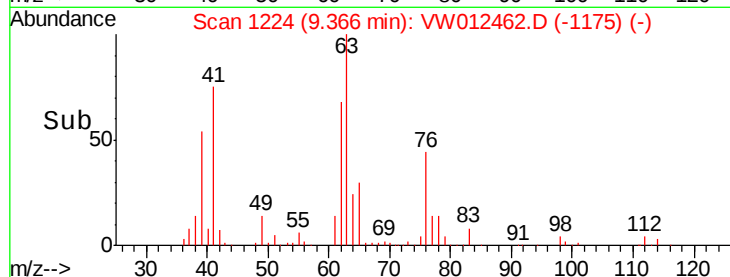
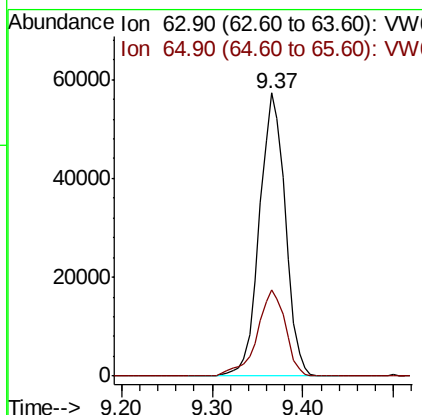
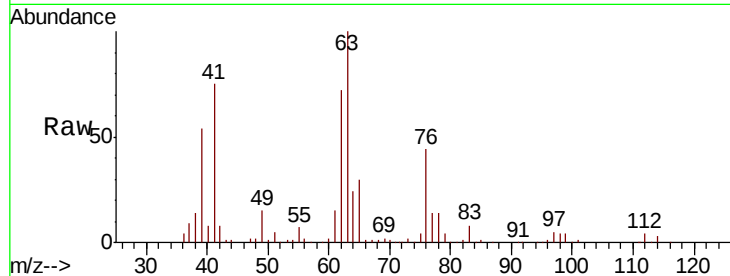




#45
 1,2-Dichloropropane
 Concen: 57.018 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

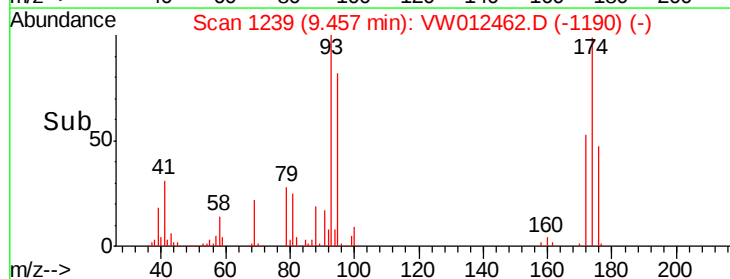
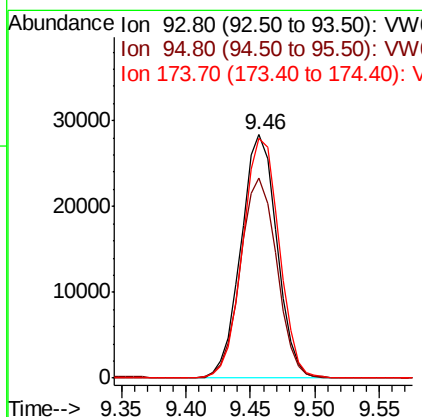
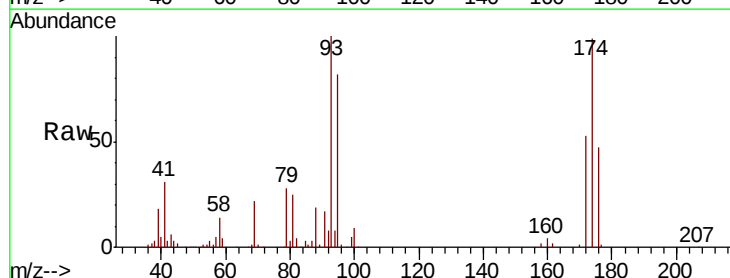
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 113161
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 62.045 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 93 Resp: 54788
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 100.0 79.0 118.6





#47

Bromodichloromethane

Concen: 60.985 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

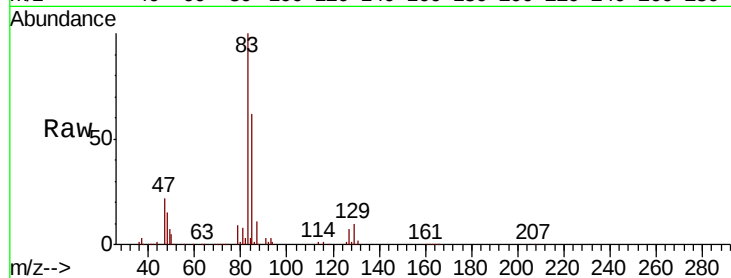
Tgt Ion: 83 Resp: 143323

Ion Ratio Lower Upper

83 100

85 62.0 49.4 74.2

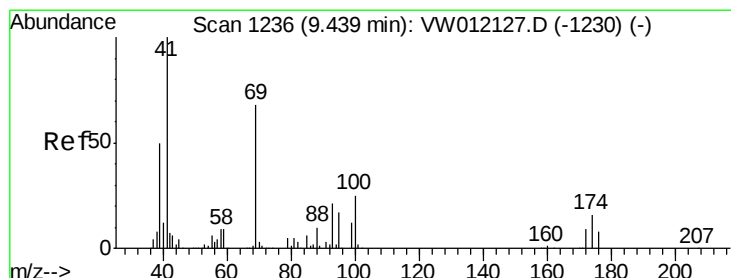
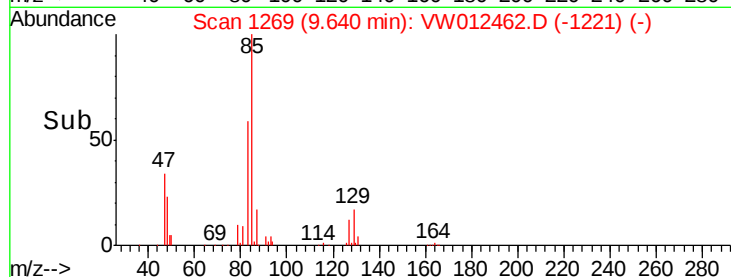
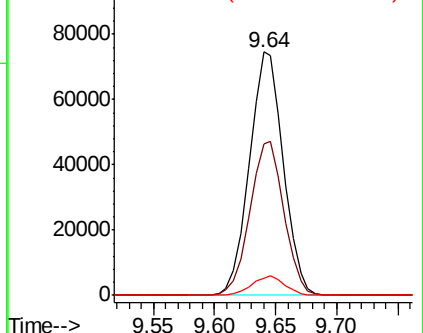
127 7.1 6.1 9.1



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: 65.681 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

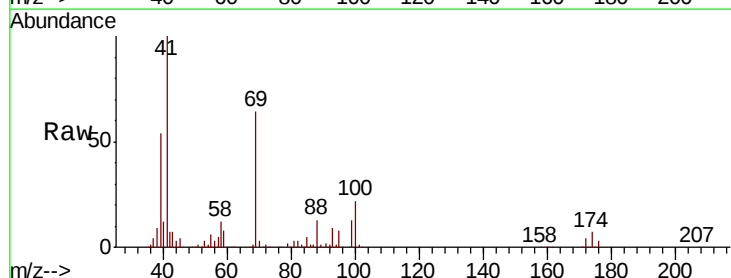
Tgt Ion: 41 Resp: 85694

Ion Ratio Lower Upper

41 100

69 69.9 56.7 85.1

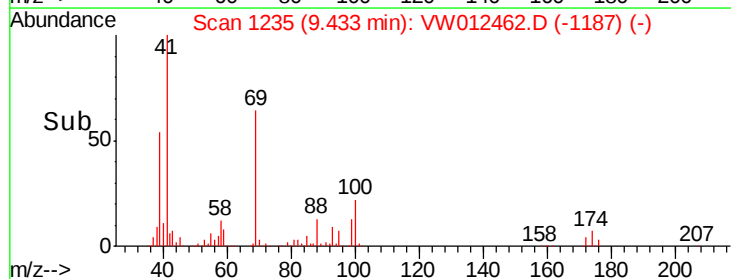
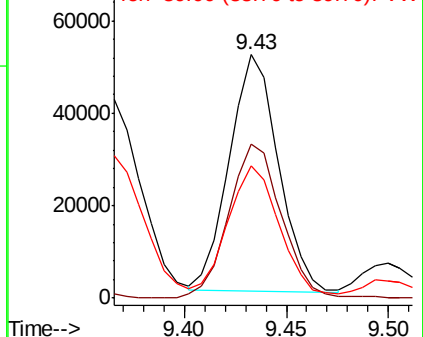
39 55.3 42.0 63.0

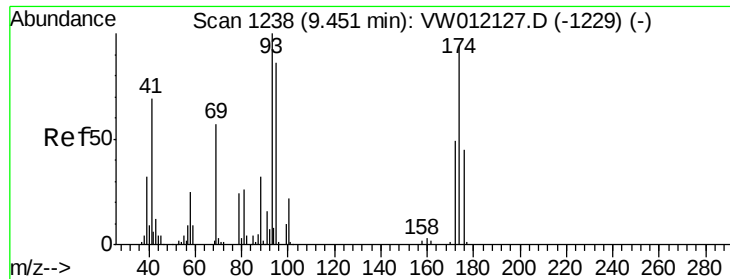


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1465.954 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

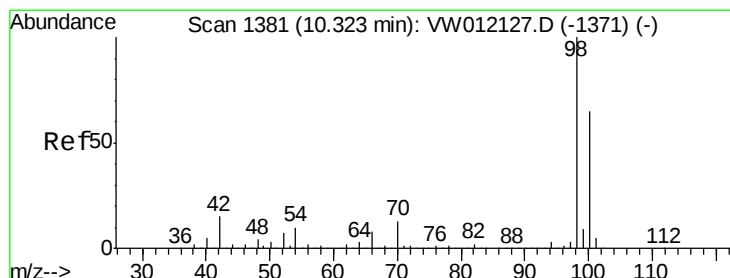
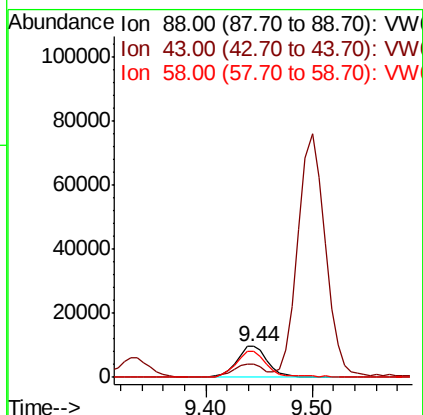
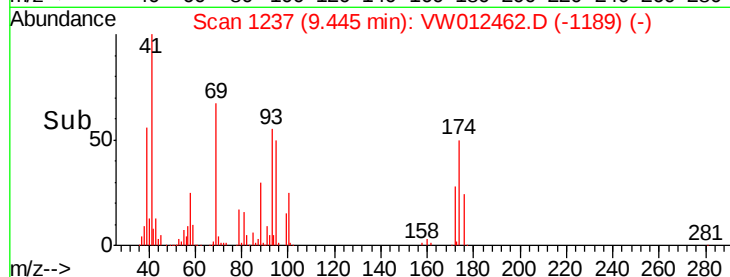
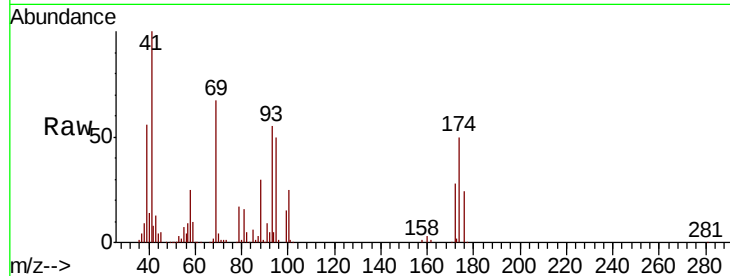
Tgt Ion: 88 Resp: 19817

Ion Ratio Lower Upper

88 100

43 42.0 32.9 49.3

58 86.5 71.0 106.4



#50

Toluene-d8

Concen: 52.207 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012462.D

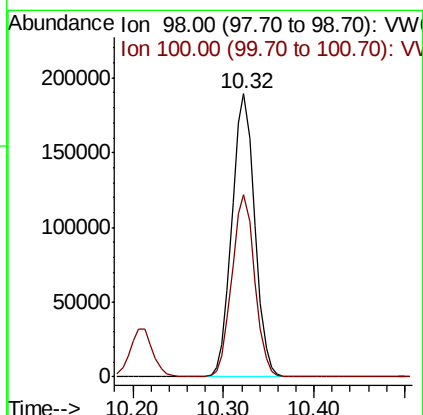
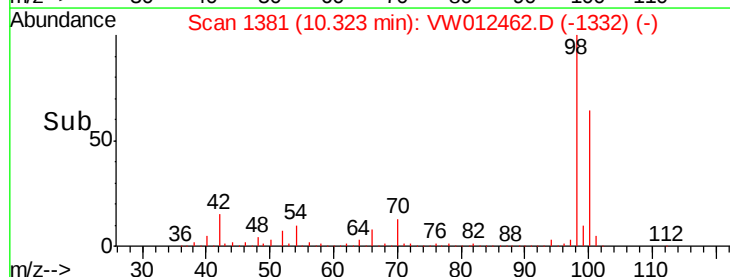
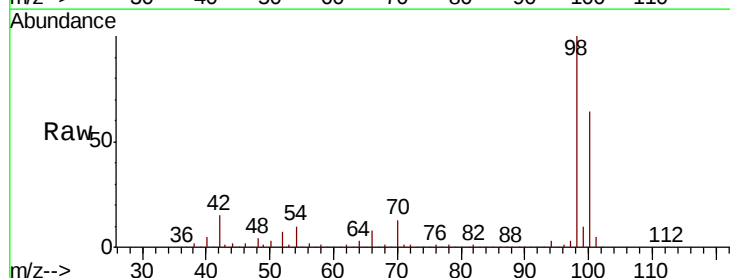
Acq: 01 Sep 2019 21:13

Tgt Ion: 98 Resp: 330217

Ion Ratio Lower Upper

98 100

100 64.3 52.4 78.6

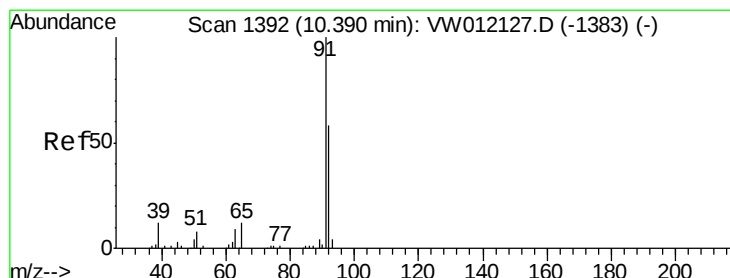
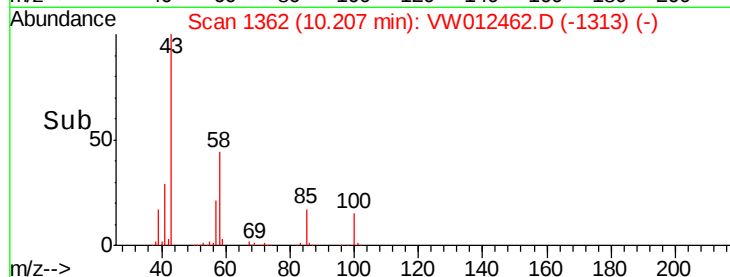
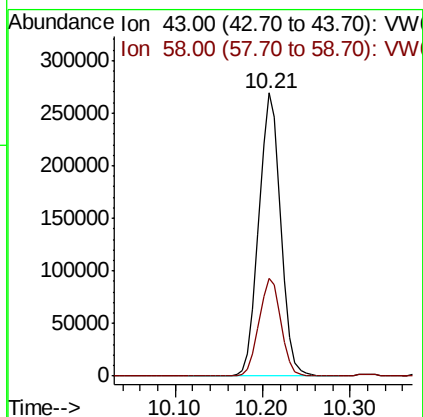
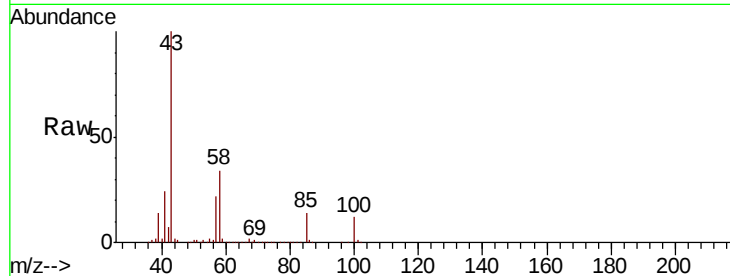




#51
 4-Methyl-2-Pentanone
 Concen: 336.564 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

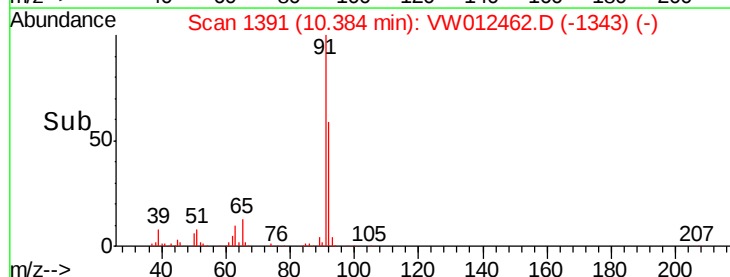
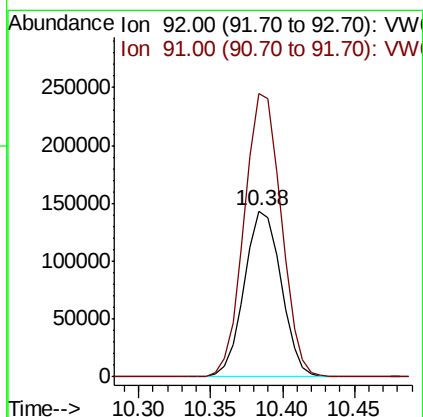
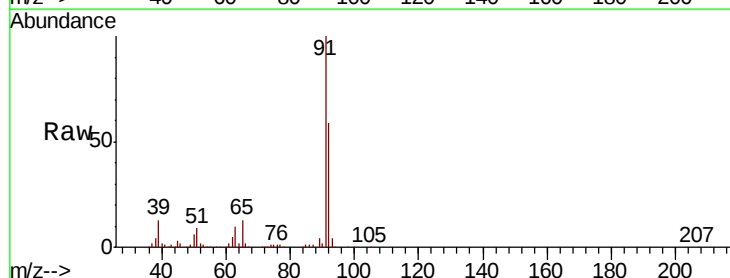
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

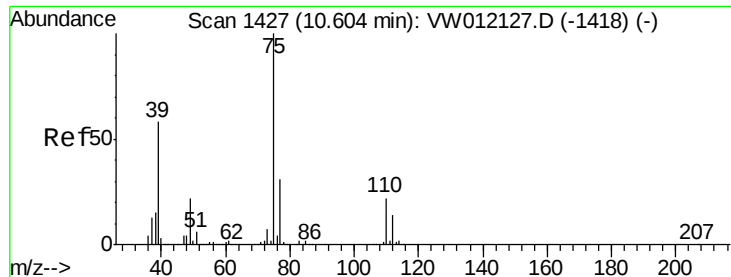
Tgt Ion: 43 Resp: 469268
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 57.269 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 92 Resp: 253704
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 60.730 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

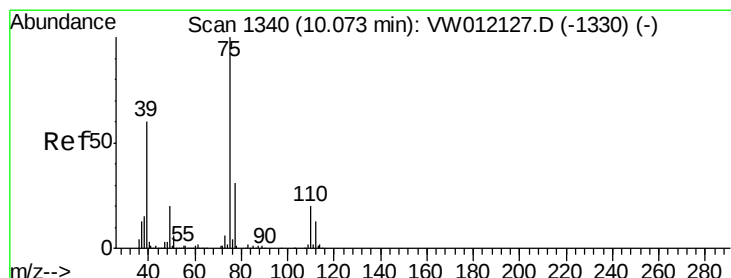
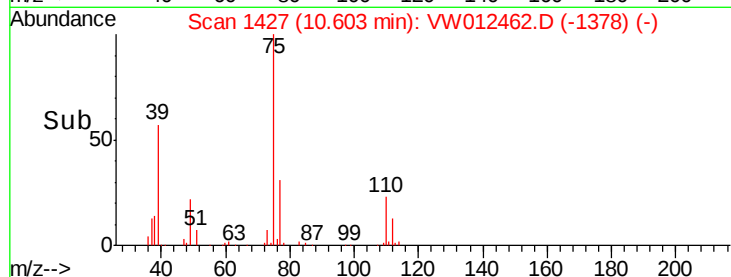
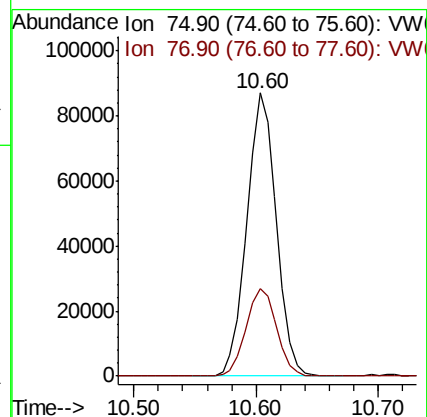
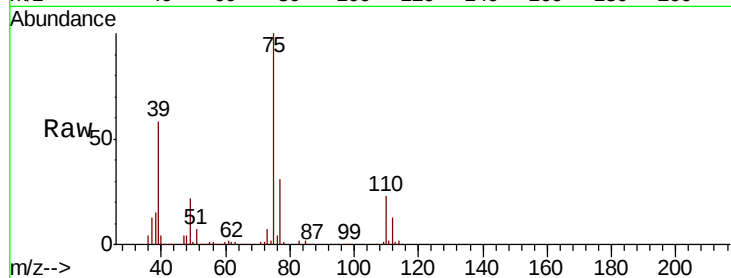
VSTDCCC050EC

Tgt Ion: 75 Resp: 145380

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 58.461 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

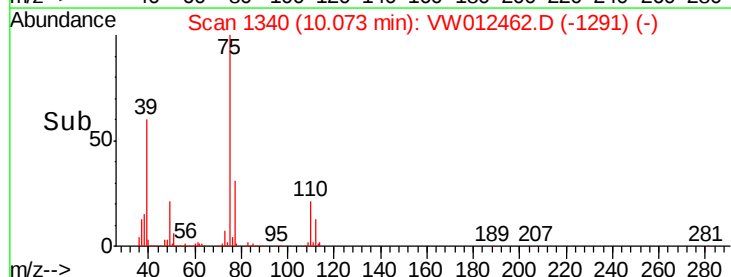
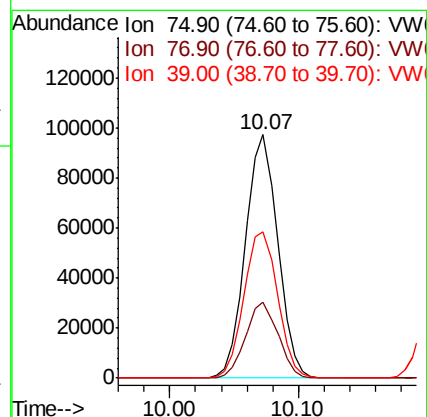
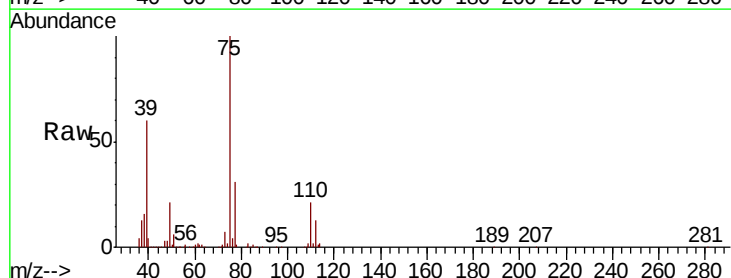
Tgt Ion: 75 Resp: 168980

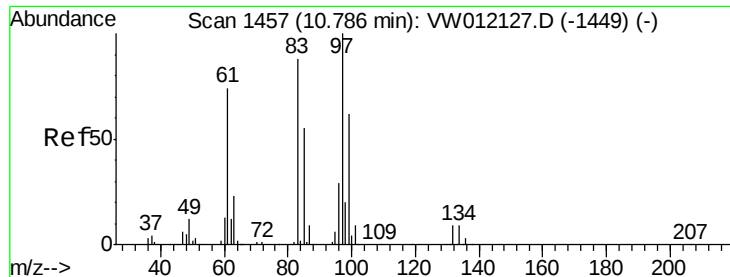
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 60.1 48.3 72.5

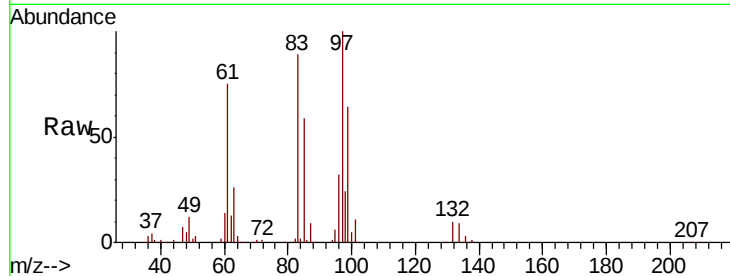




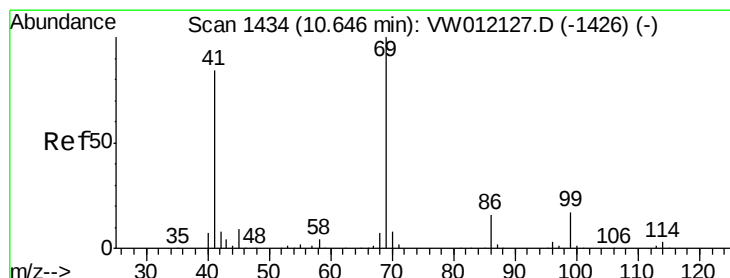
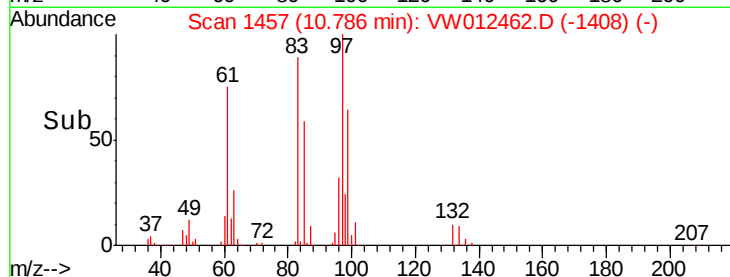
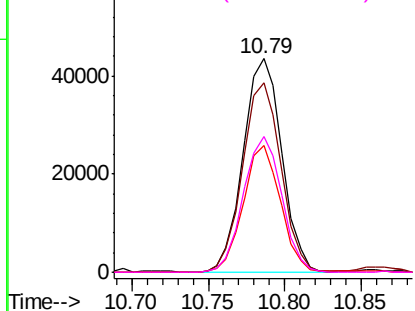
#55
 1,1,2-Trichloroethane
 Concen: 61.530 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 76874
 Ion Ratio Lower Upper
 97 100
 83 88.7 70.8 106.2
 85 59.3 43.8 65.8
 99 63.6 49.8 74.6

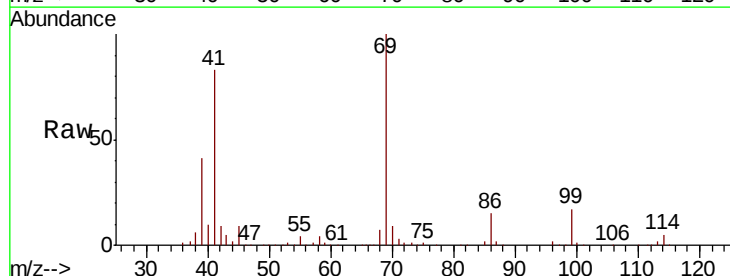


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

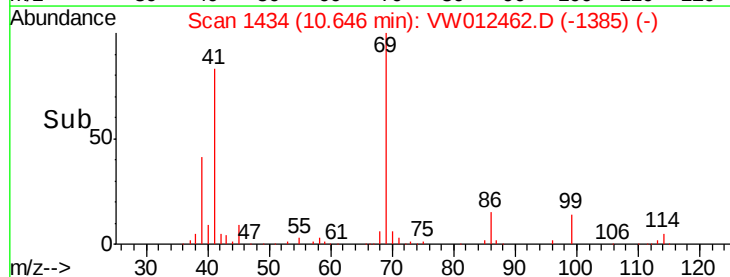
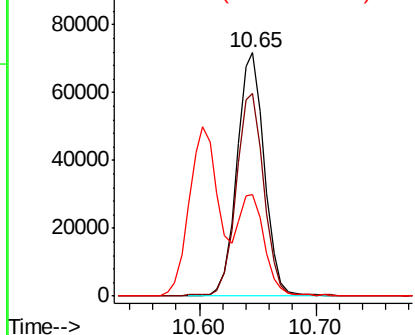


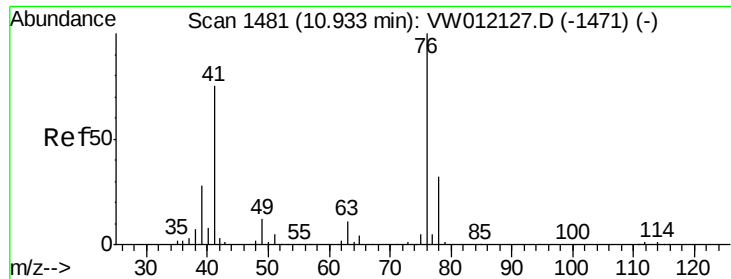
#56
 Ethyl methacrylate
 Concen: 64.433 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 69 Resp: 117162
 Ion Ratio Lower Upper
 69 100
 41 84.4 66.5 99.7
 39 39.1 31.0 46.4



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

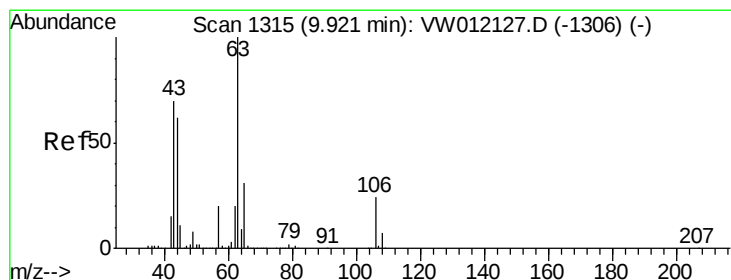
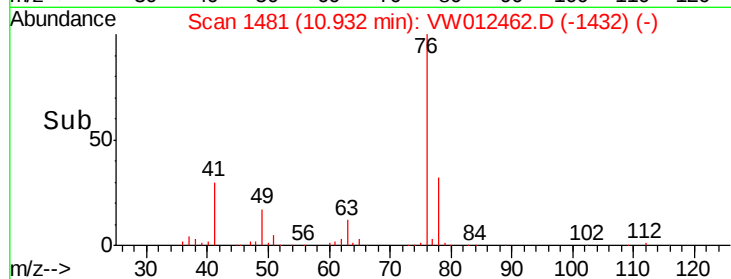
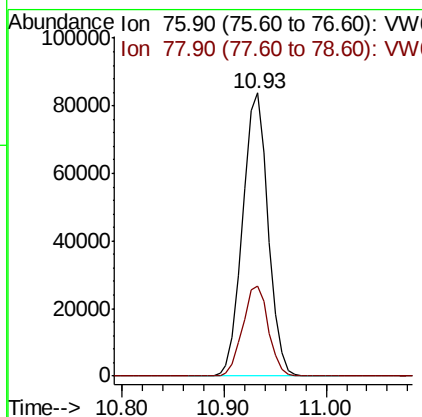
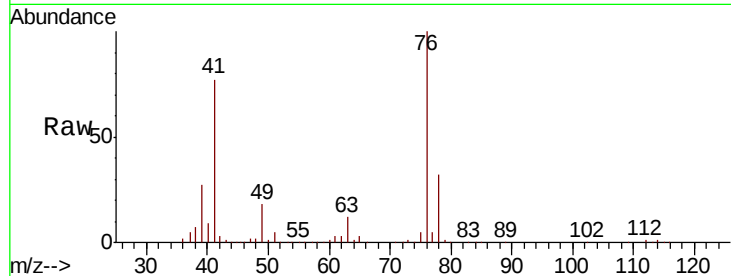




#57
 1,3-Dichloropropane
 Concen: 61.597 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

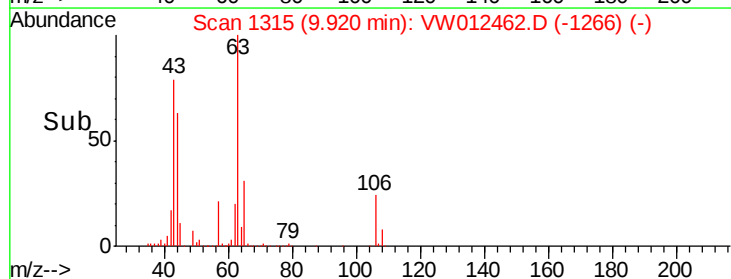
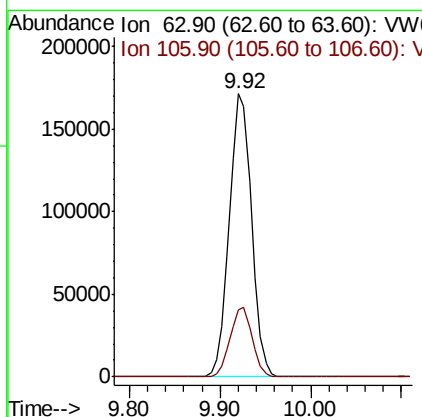
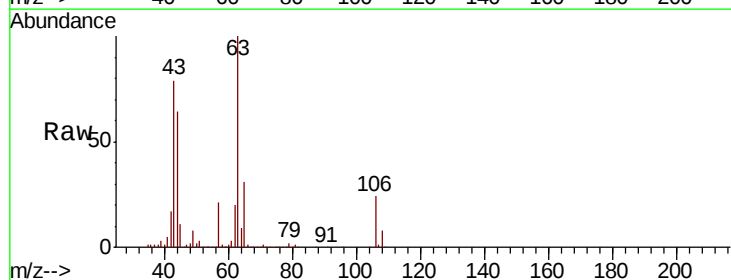
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 145430
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 313.026 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 63 Resp: 292121
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.8

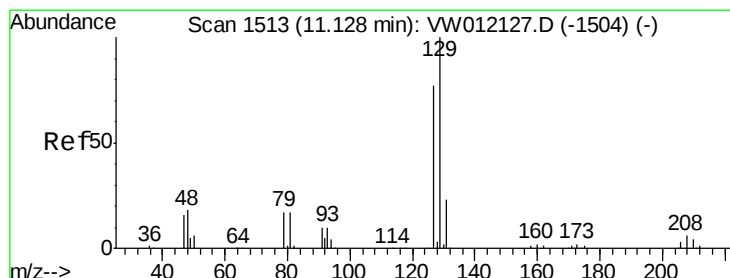
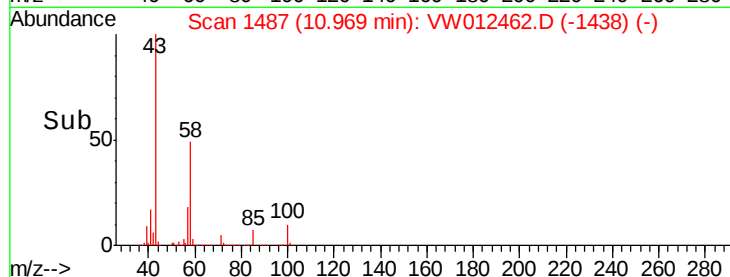
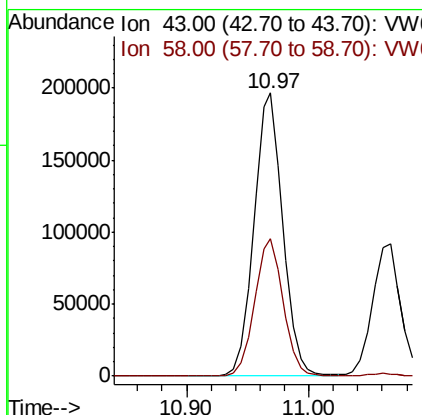
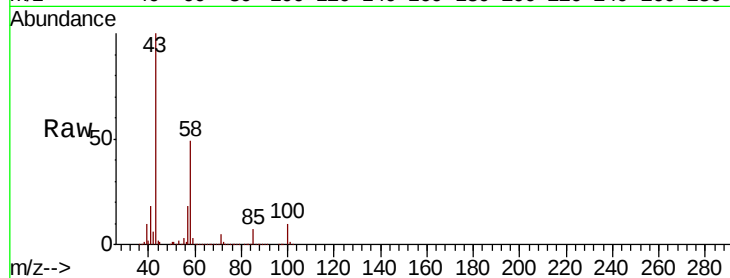




#59
2-Hexanone
Concen: 326.702 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

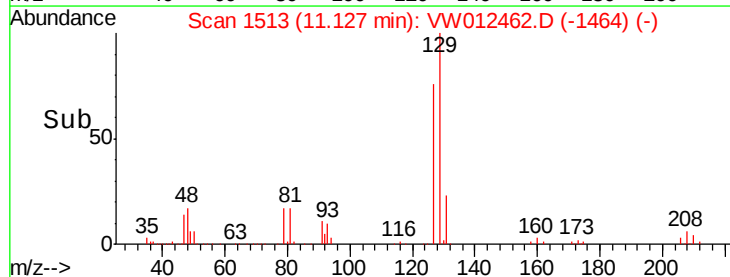
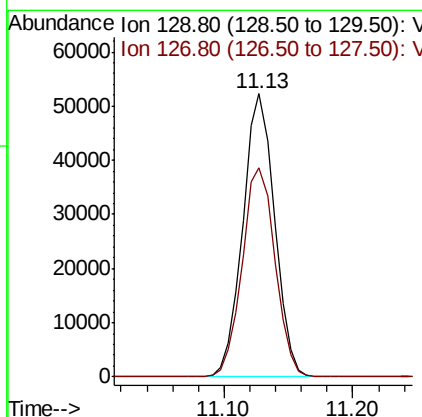
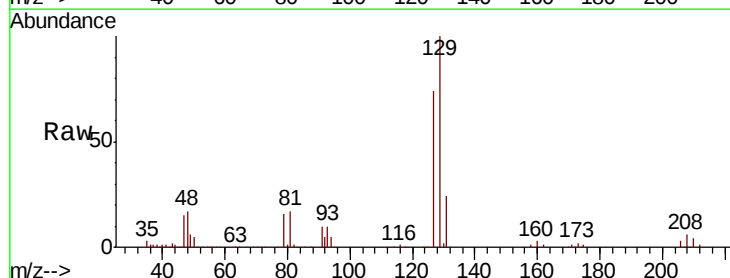
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

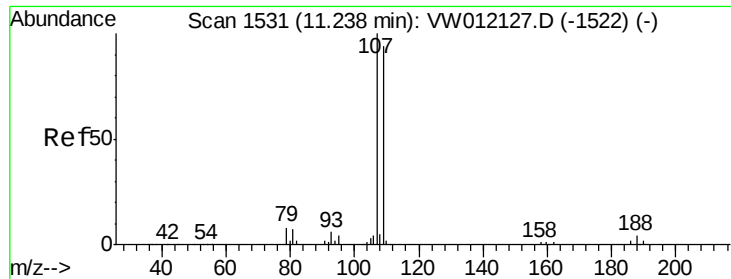
Tgt Ion: 43 Resp: 322308
Ion Ratio Lower Upper
43 100
58 48.1 24.3 72.9



#60
Dibromochloromethane
Concen: 64.012 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 129 Resp: 89078
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

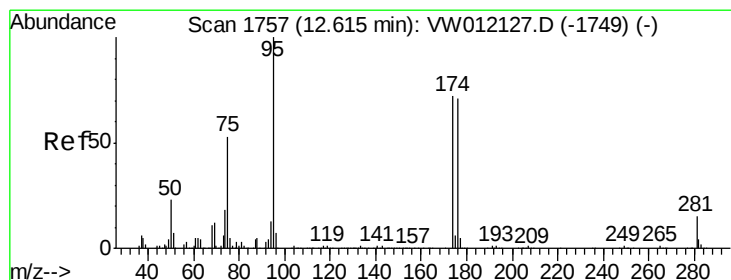
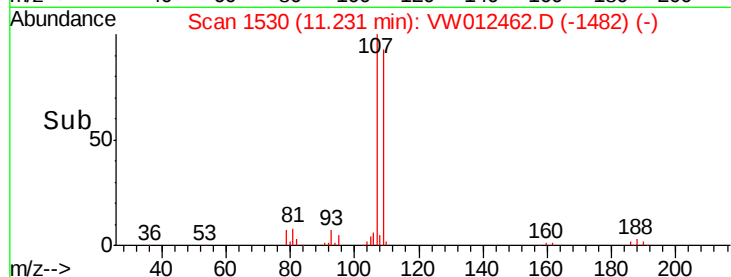
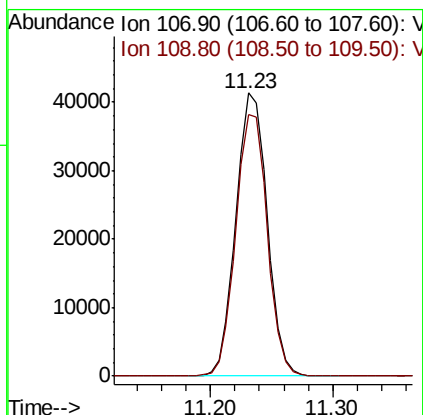
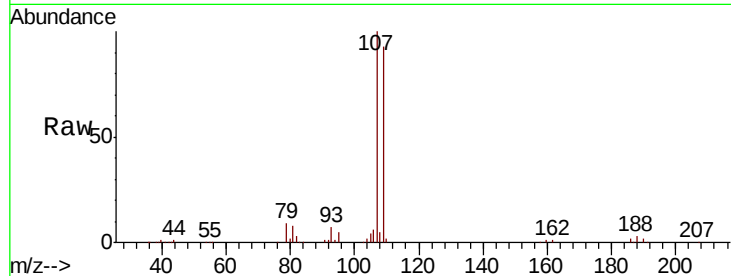




#61
 1,2-Dibromoethane
 Concen: 63.149 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

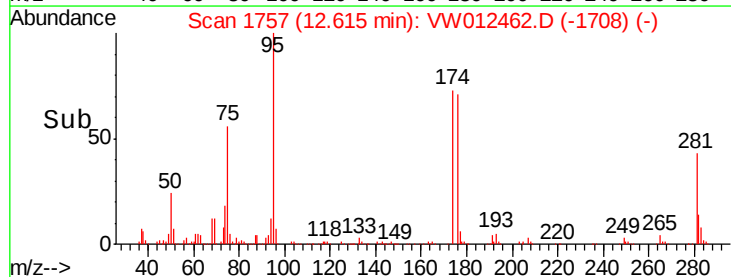
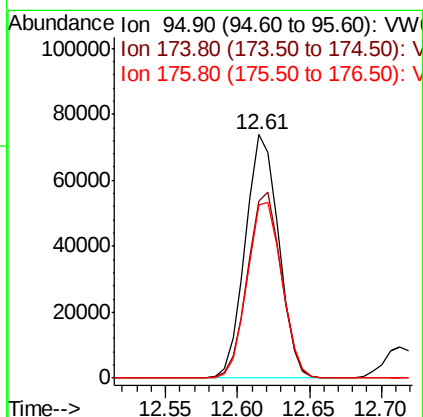
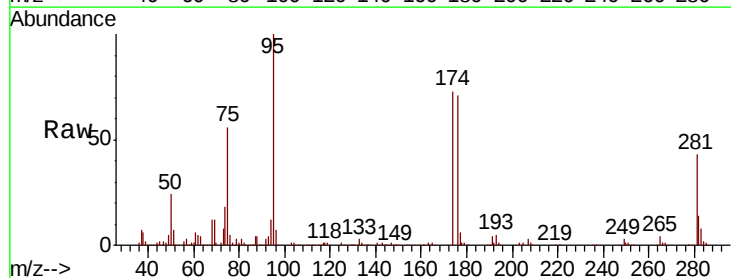
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

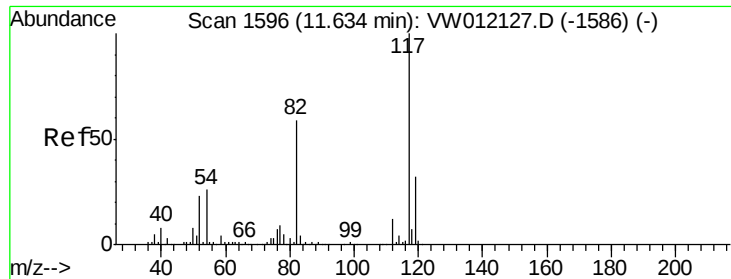
Tgt Ion: 107 Resp: 73502
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.301 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 95 Resp: 118839
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.8
 176 74.6 0.0 148.6

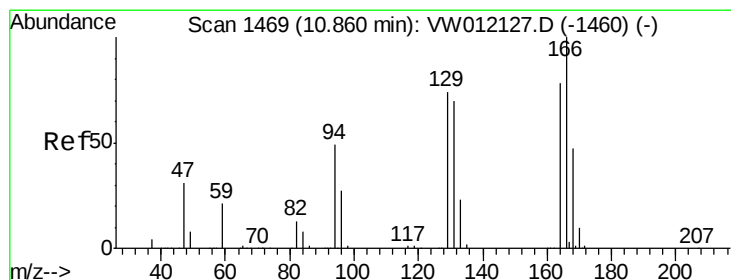
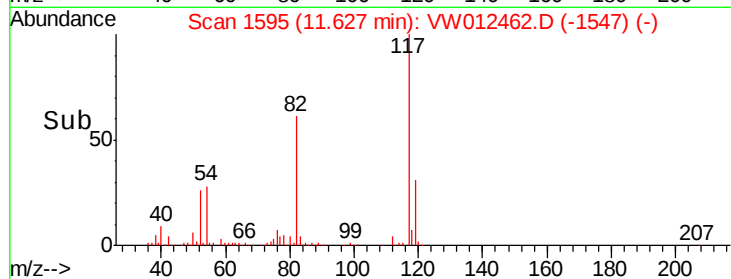
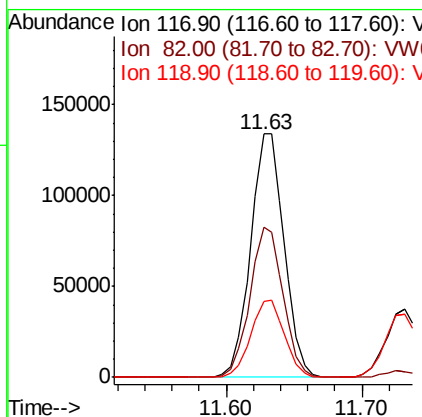
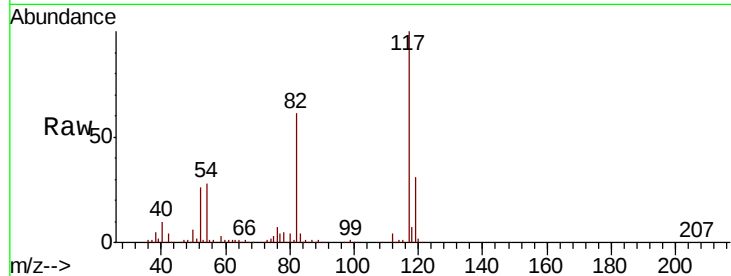




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

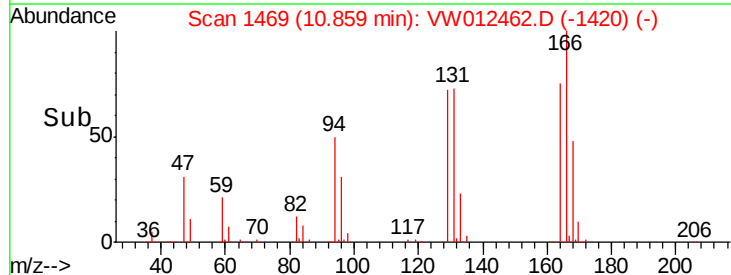
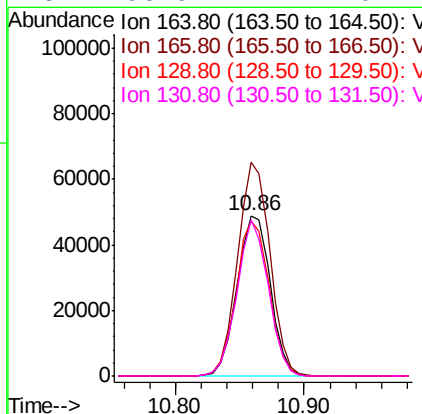
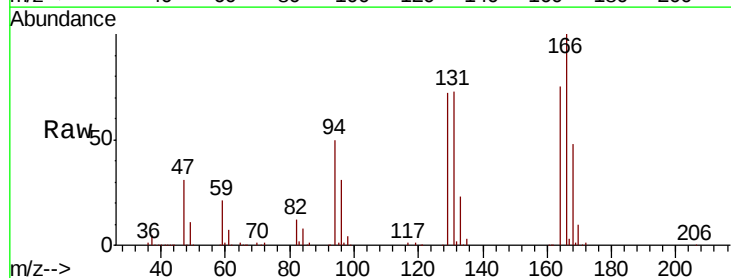
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

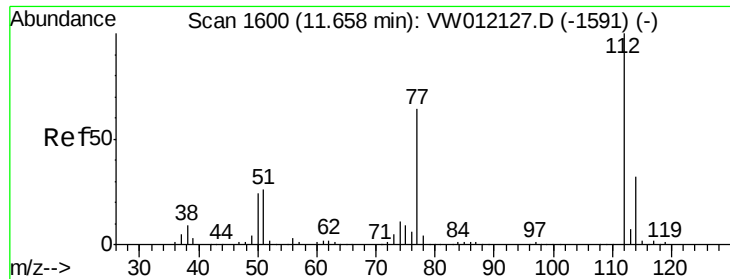
Tgt Ion:117 Resp: 231515
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 58.083 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion:164 Resp: 87182
Ion Ratio Lower Upper
164 100
166 133.1 102.4 153.6
129 96.3 75.8 113.6
131 96.9 71.4 107.2

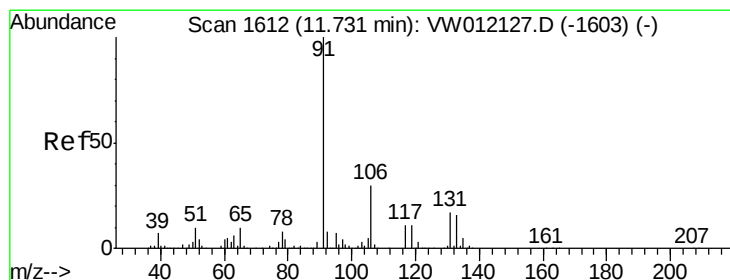
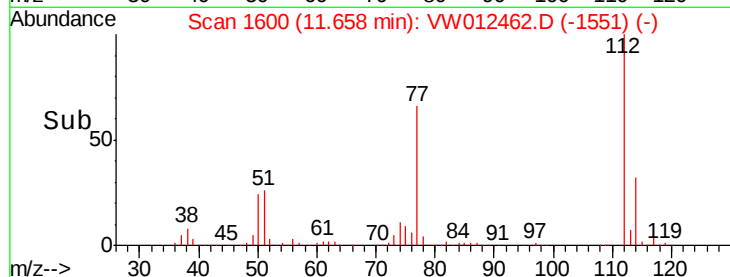
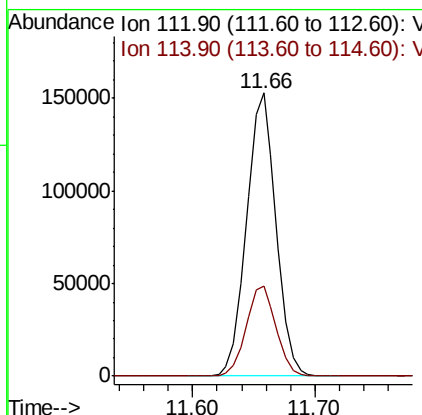
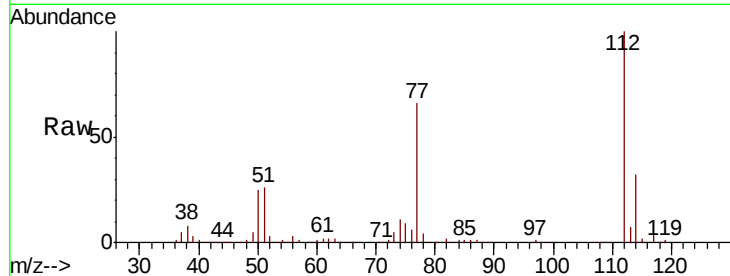




#65
Chlorobenzene
Concen: 55.915 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

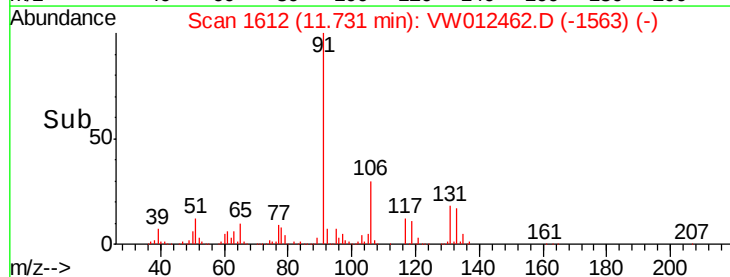
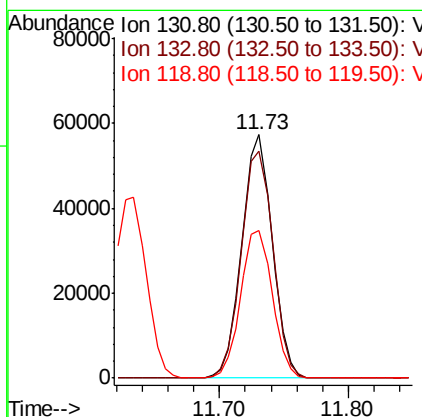
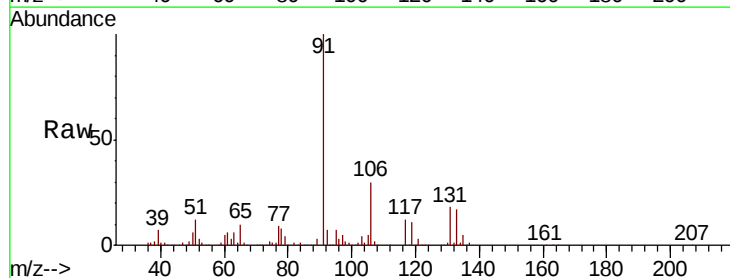
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 254902
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 59.140 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion:131 Resp: 94054
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 63.2 31.8 95.3

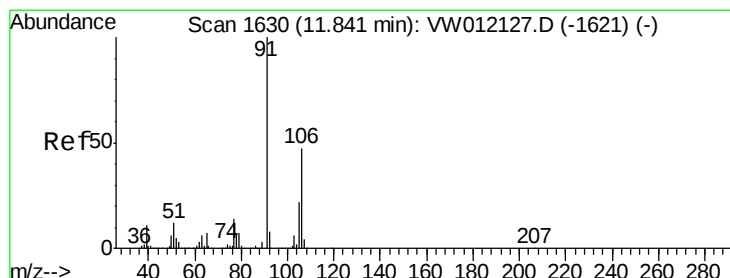
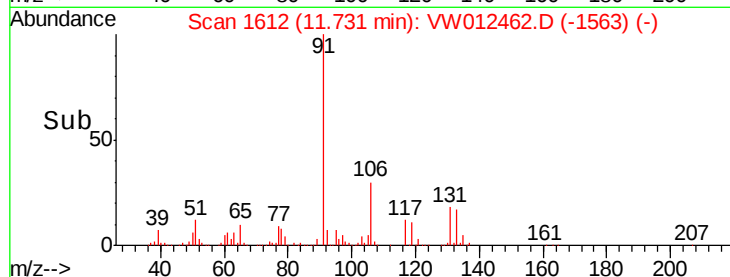
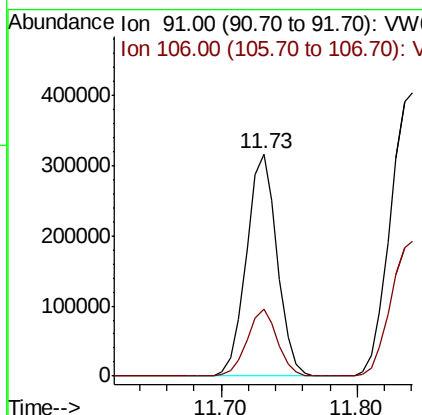
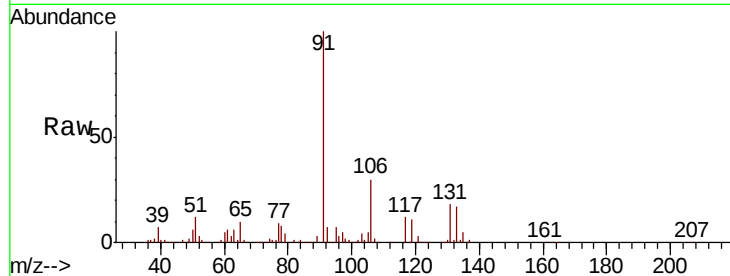




#67
Ethyl Benzene
Concen: 56.771 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

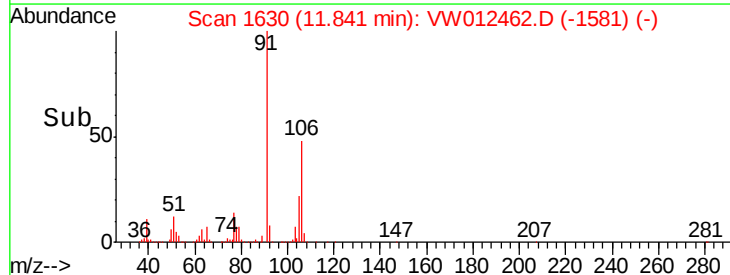
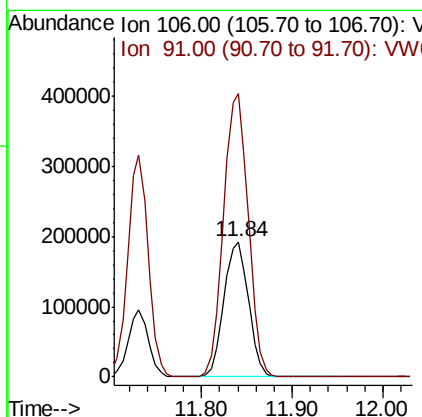
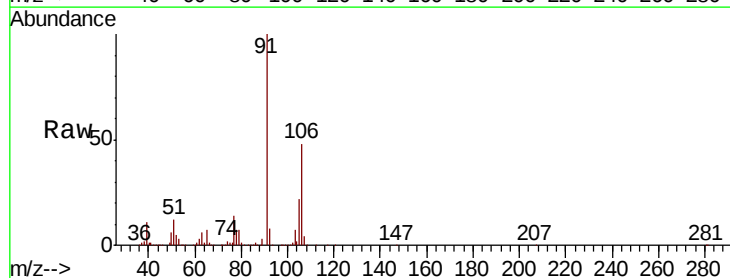
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

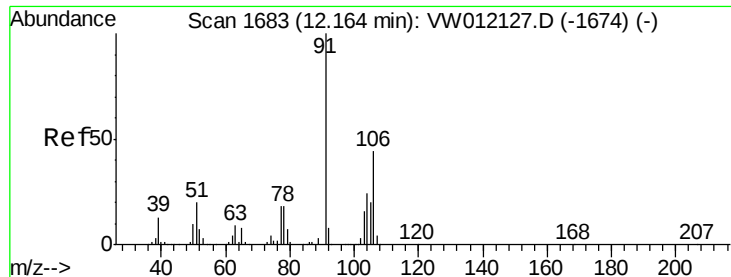
Tgt Ion: 91 Resp: 498545
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 114.436 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion: 106 Resp: 361990
Ion Ratio Lower Upper
106 100
91 210.9 169.5 254.3

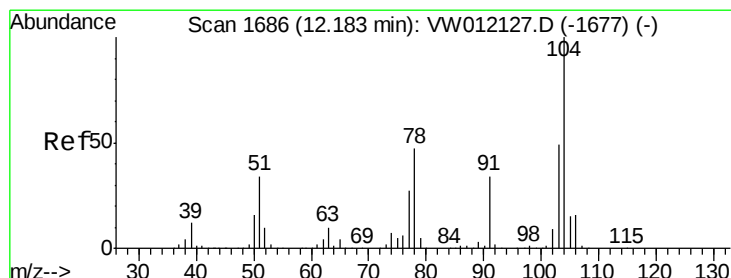
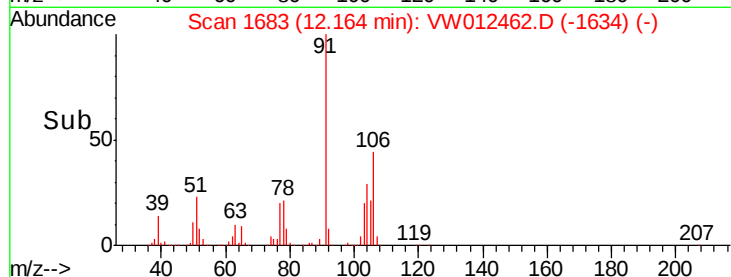
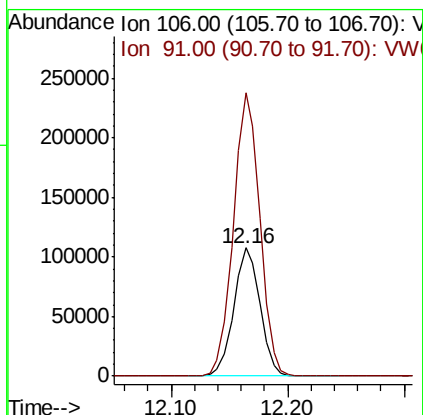
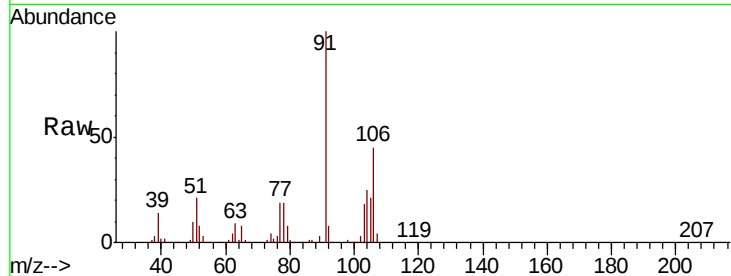




#69
o-Xylene
Concen: 57.592 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

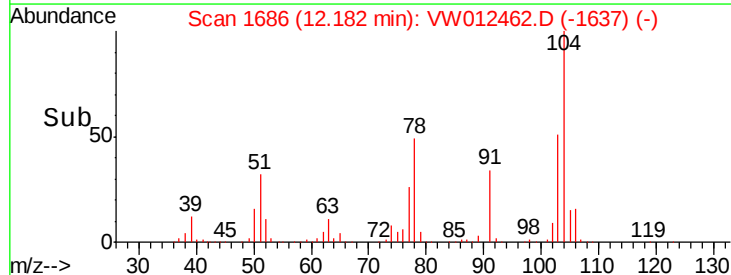
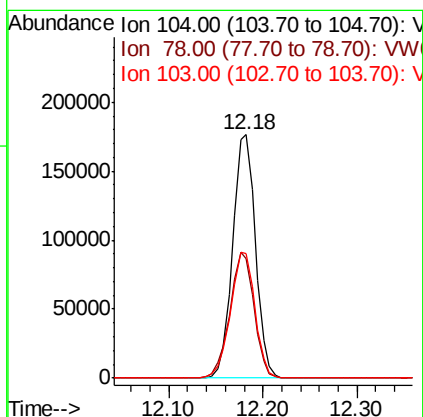
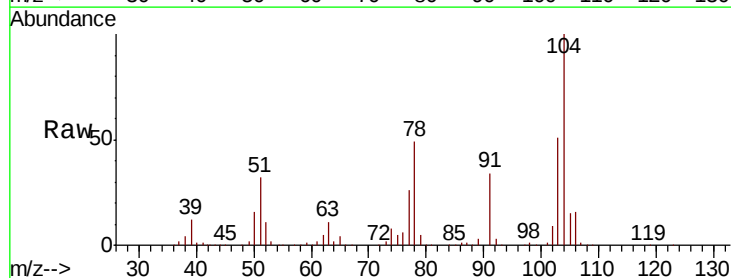
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

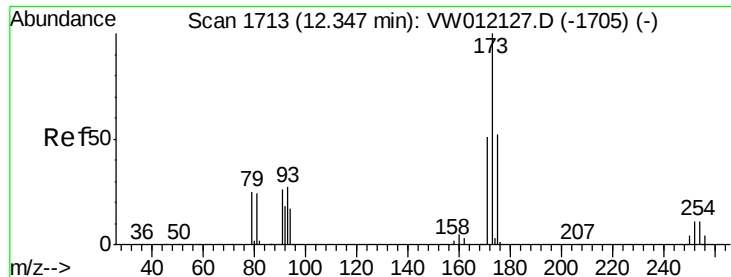
Tgt Ion:106 Resp: 168611
Ion Ratio Lower Upper
106 100
91 222.8 111.6 334.6



#70
Styrene
Concen: 58.317 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion:104 Resp: 295524
Ion Ratio Lower Upper
104 100
78 54.8 43.1 64.7
103 55.4 43.5 65.3





#71

Bromoform

Concen: 65.312 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

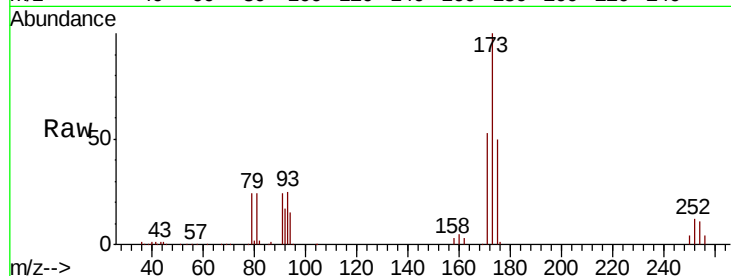
Tgt Ion:173 Resp: 51751

Ion Ratio Lower Upper

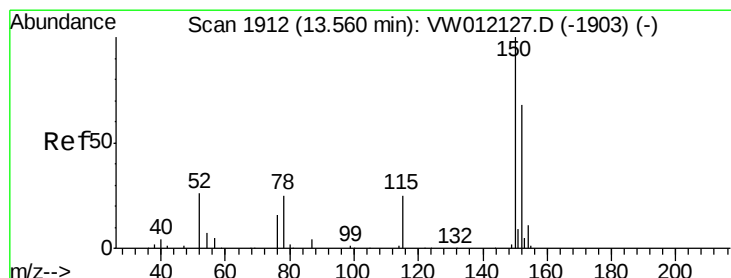
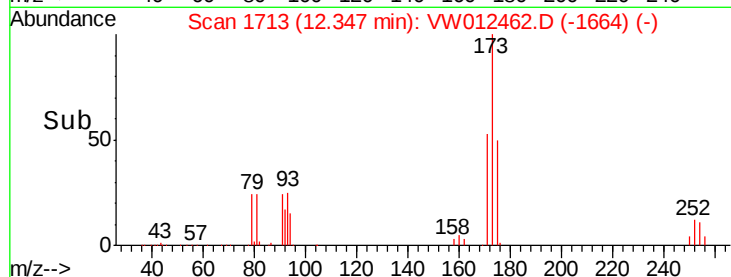
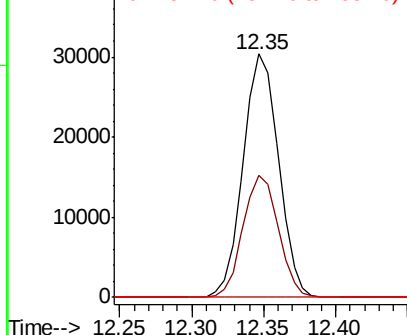
173 100

175 50.0 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

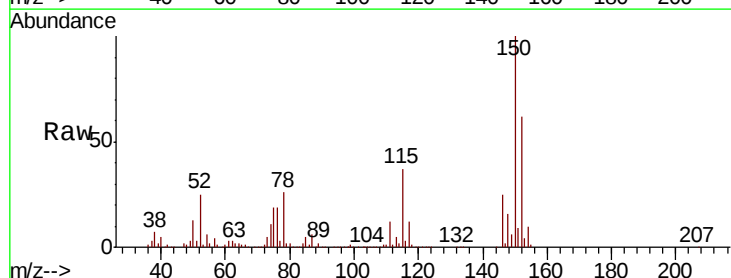
Tgt Ion:152 Resp: 115894

Ion Ratio Lower Upper

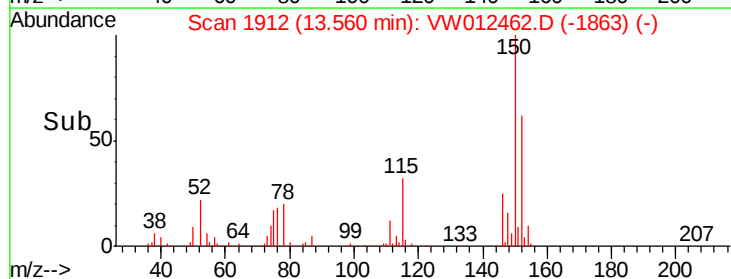
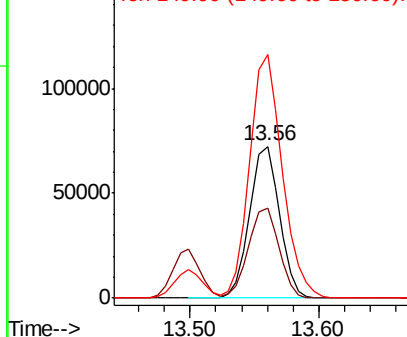
152 100

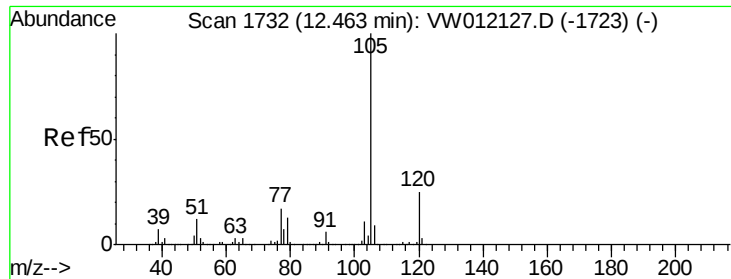
115 60.4 30.1 90.3

150 174.9 0.0 345.8



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: 54.651 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

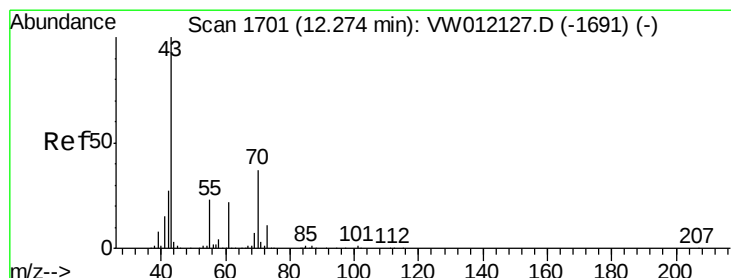
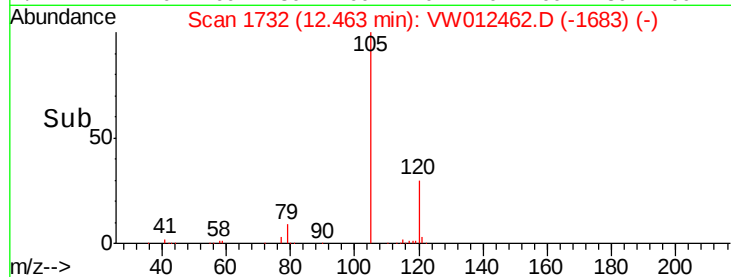
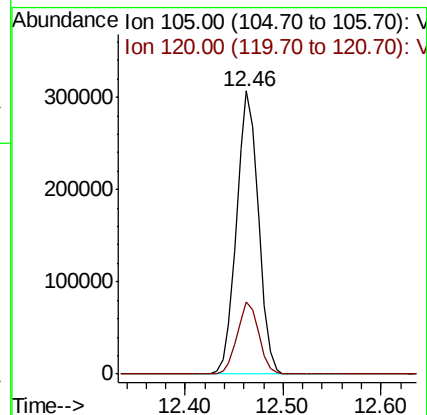
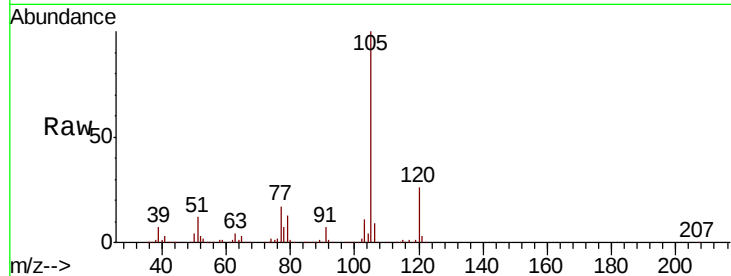
VSTDCCC050EC

Tgt Ion: 105 Resp: 474597

Ion Ratio Lower Upper

105 100

120 25.2 12.5 37.5



#74

N-ethyl acetate

Concen: 60.687 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Tgt Ion: 43 Resp: 159225

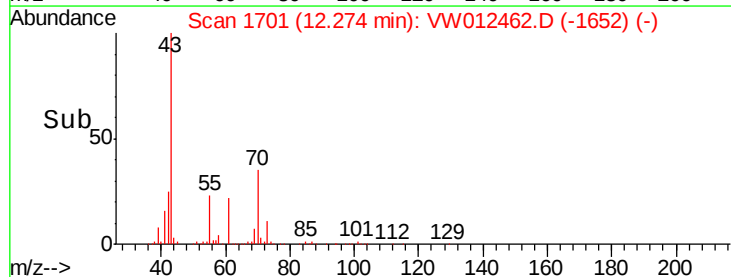
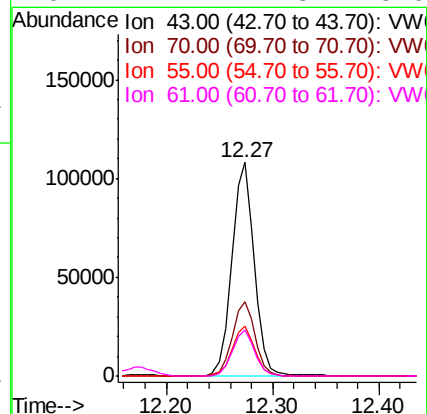
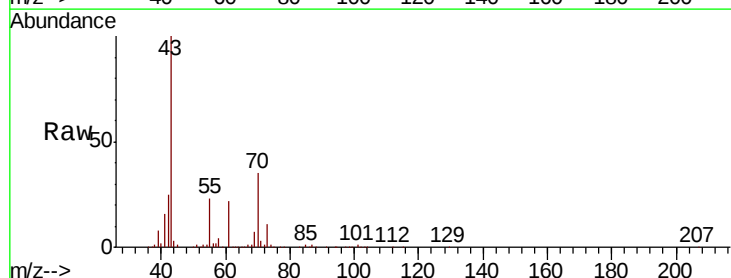
Ion Ratio Lower Upper

43 100

70 35.3 28.6 43.0

55 23.5 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 58.732 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

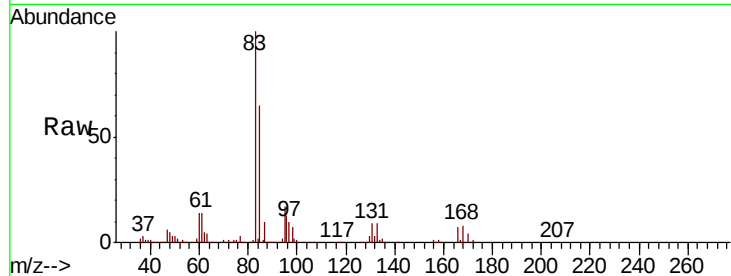
Tgt Ion: 83 Resp: 93504

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

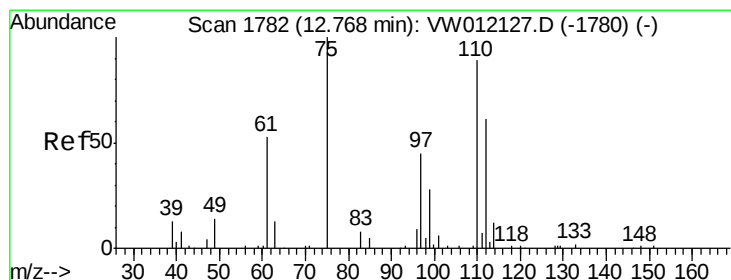
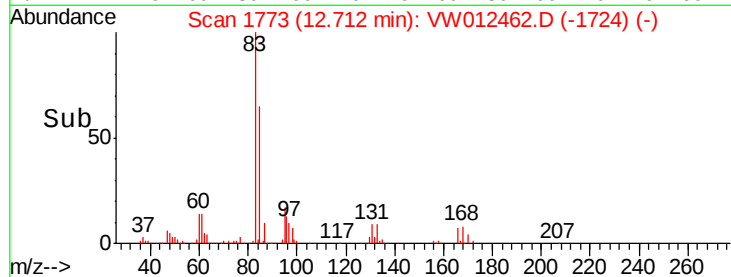
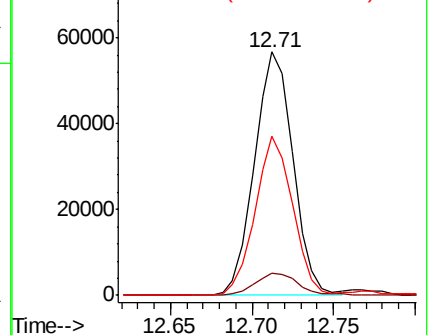
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 113.538 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012462.D

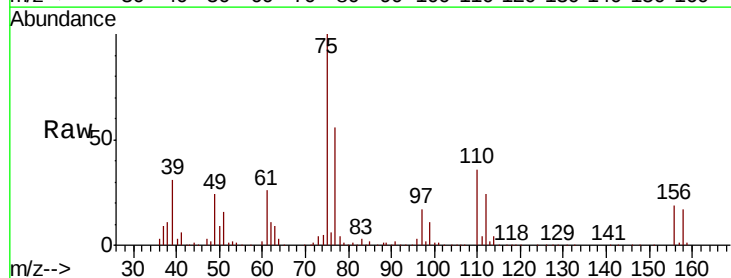
Acq: 01 Sep 2019 21:13

Tgt Ion: 75 Resp: 128153

Ion Ratio Lower Upper

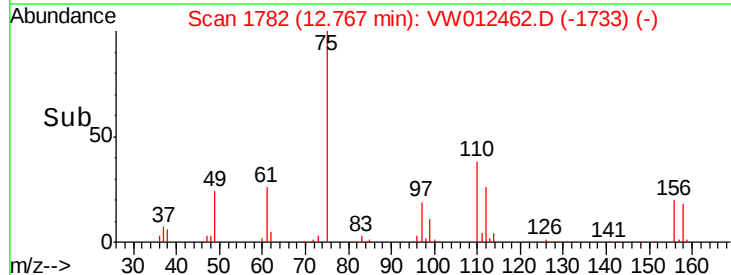
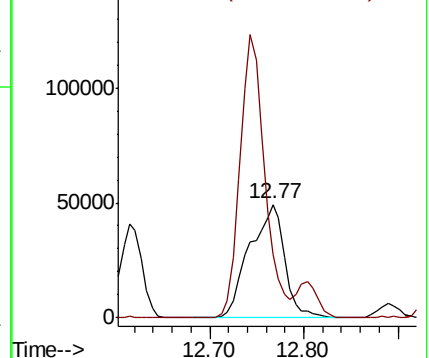
75 100

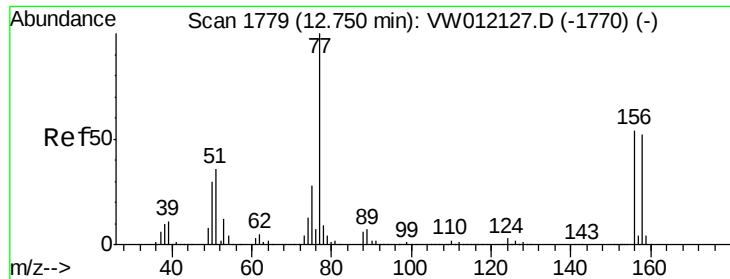
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.515 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

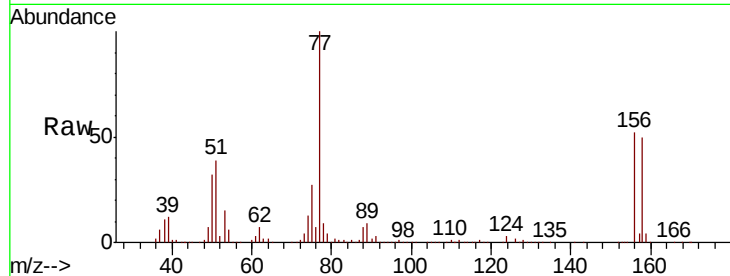
Tgt Ion:156 Resp: 106176

Ion Ratio Lower Upper

156 100

77 213.5 107.3 321.8

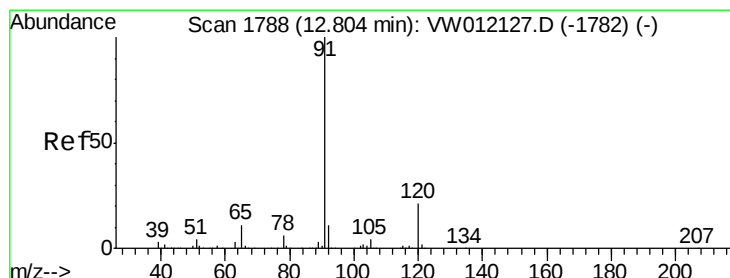
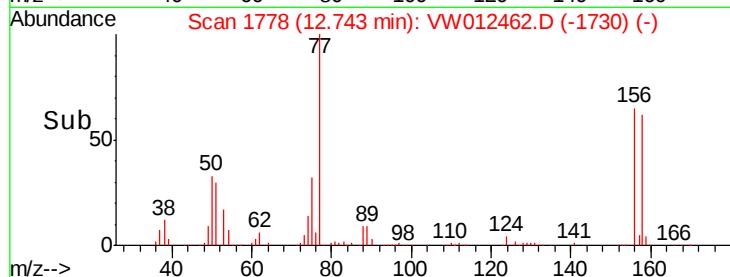
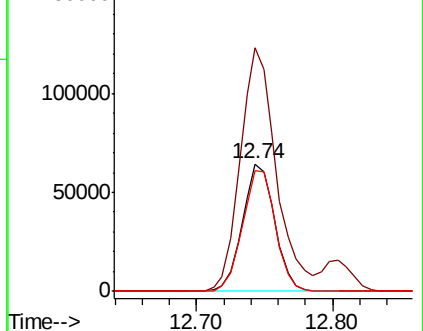
158 96.9 49.0 147.0



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: 54.448 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012462.D

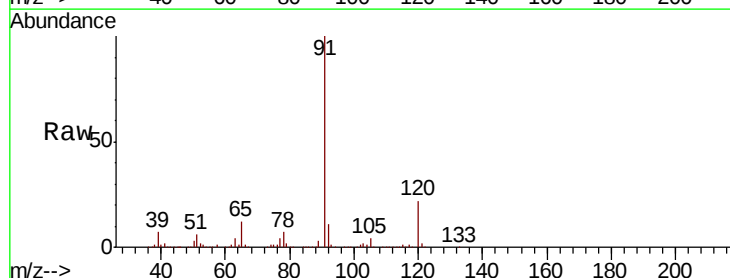
Acq: 01 Sep 2019 21:13

Tgt Ion: 91 Resp: 577230

Ion Ratio Lower Upper

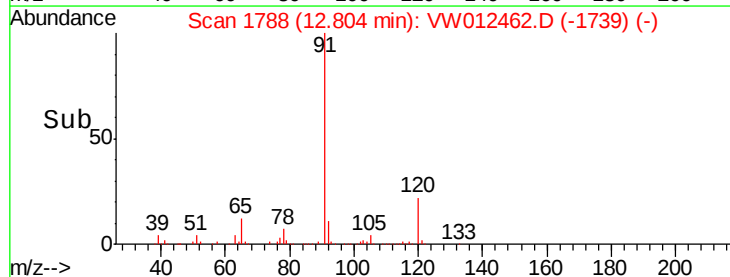
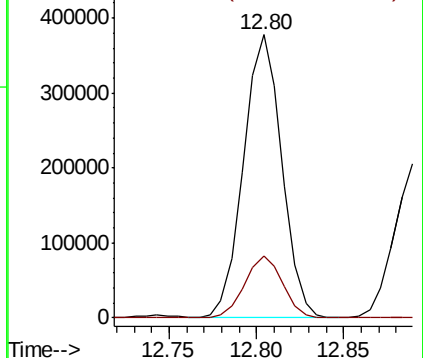
91 100

120 21.8 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: 54.749 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

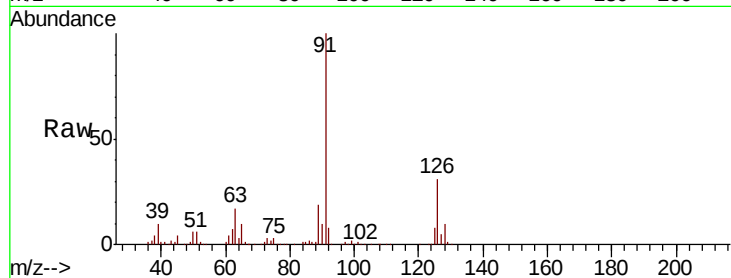
VSTDCCC050EC

Tgt Ion: 91 Resp: 329533

Ion Ratio Lower Upper

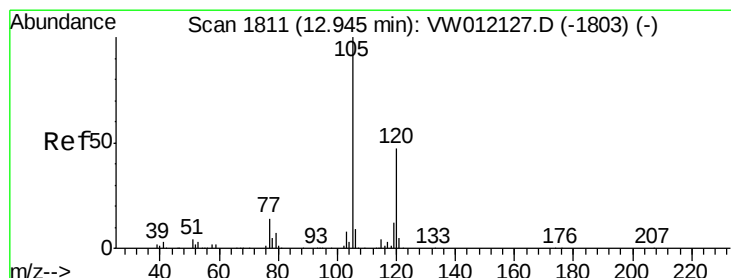
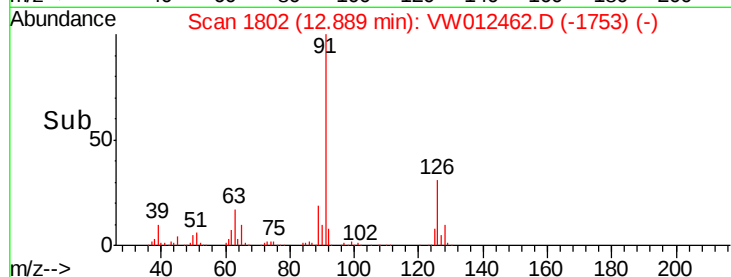
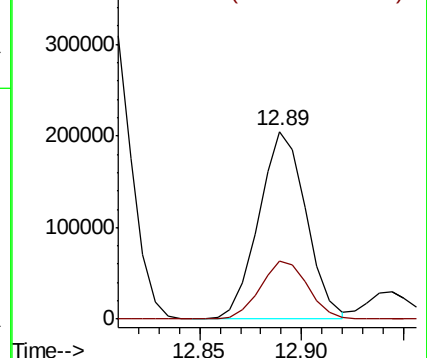
91 100

126 31.2 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.977 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012462.D

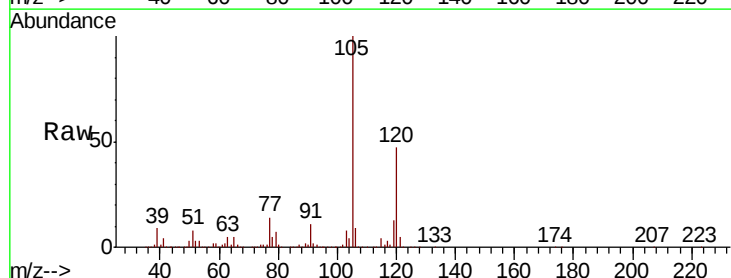
Acq: 01 Sep 2019 21:13

Tgt Ion: 105 Resp: 406192

Ion Ratio Lower Upper

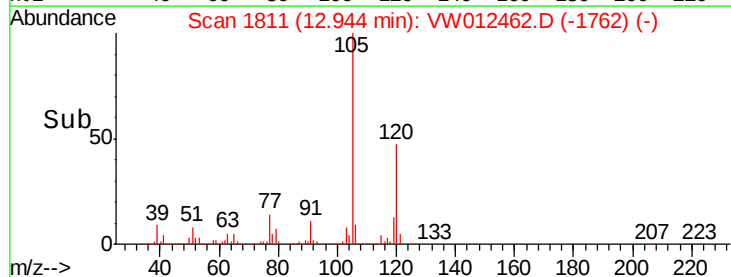
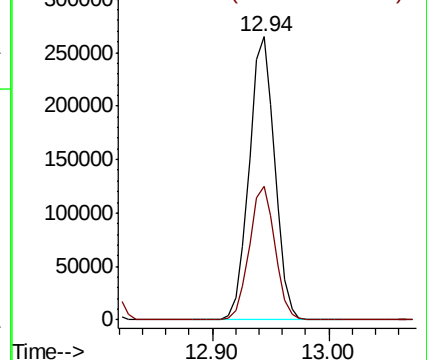
105 100

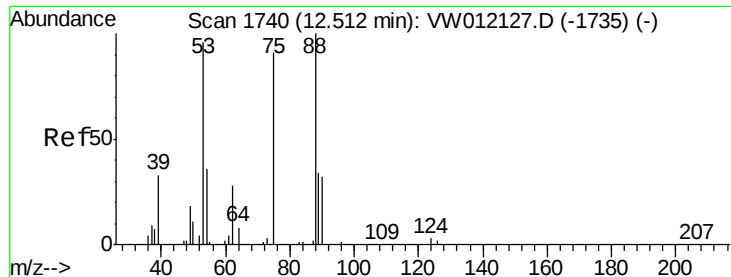
120 47.3 24.0 72.0



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: 58.739 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

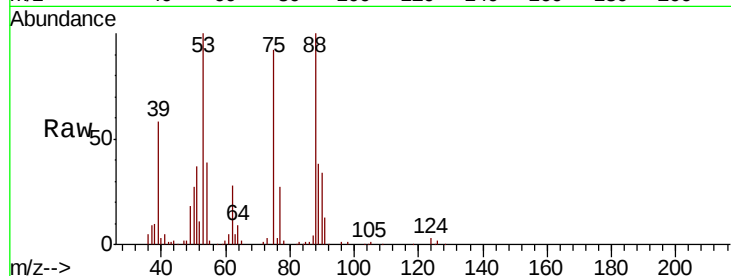
Tgt Ion: 75 Resp: 30239

Ion Ratio Lower Upper

75 100

53 115.7 89.4 134.0

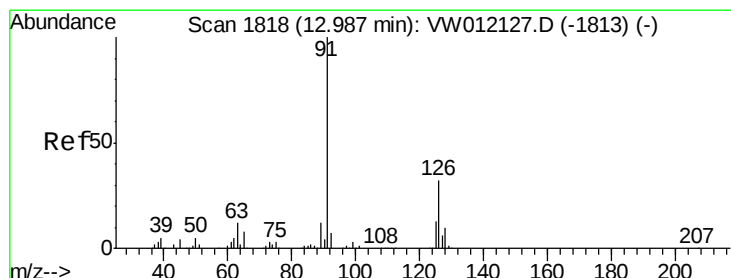
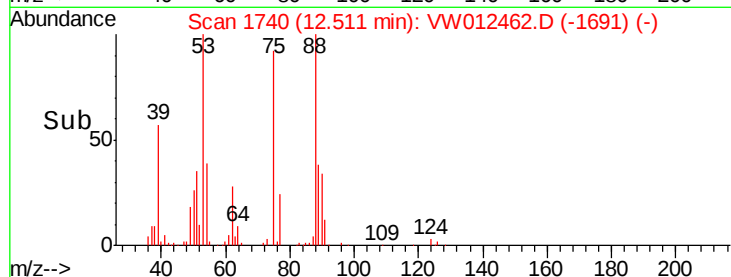
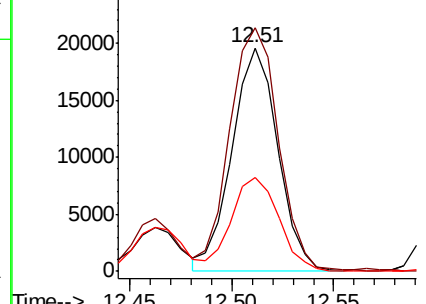
89 43.6 34.5 51.7



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: 55.268 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012462.D

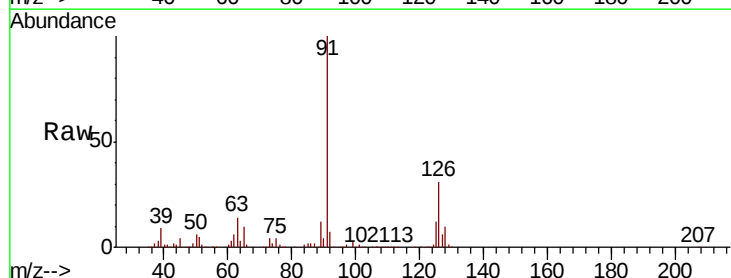
Acq: 01 Sep 2019 21:13

Tgt Ion: 91 Resp: 348316

Ion Ratio Lower Upper

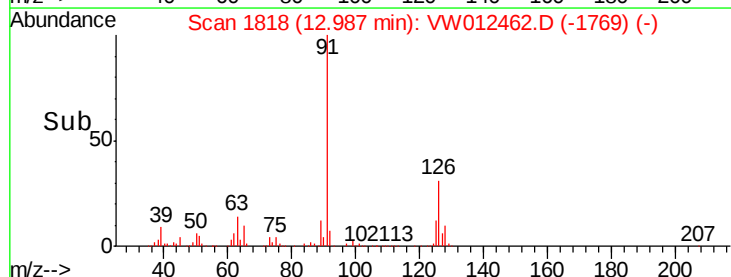
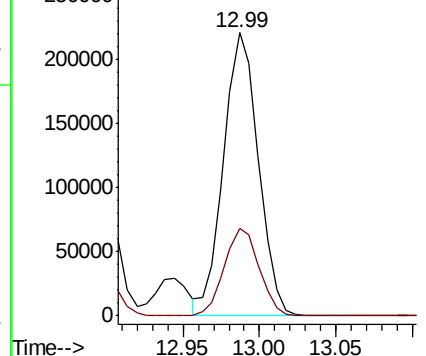
91 100

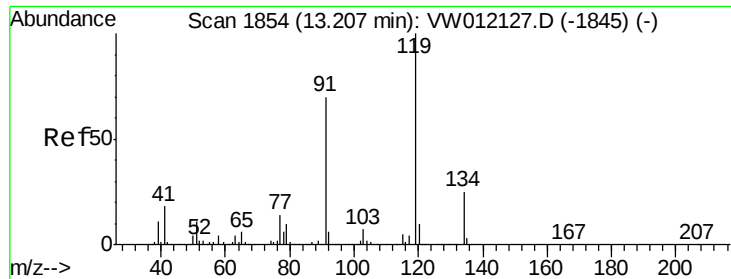
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

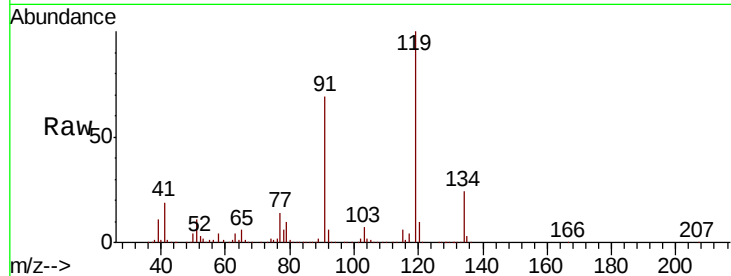




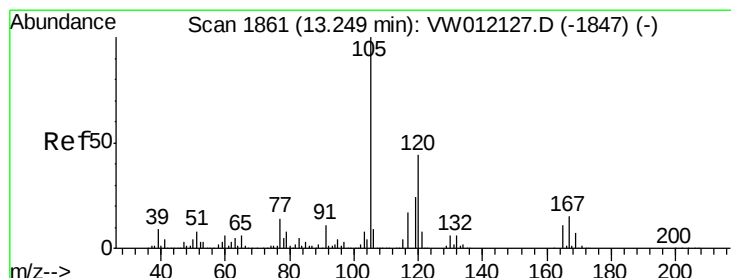
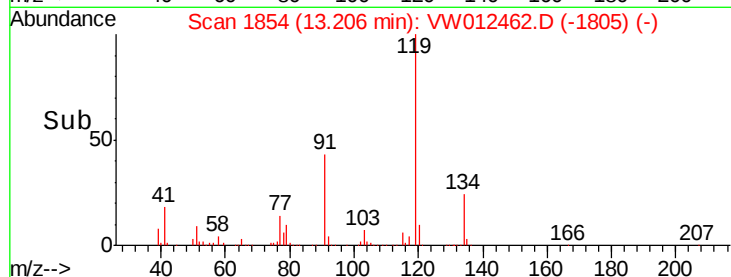
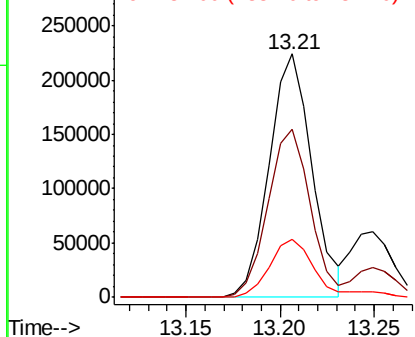
#83
 tert-Butylbenzene
 Concen: 57.210 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 351660
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.8 104.3
 134 24.3 13.3 39.8

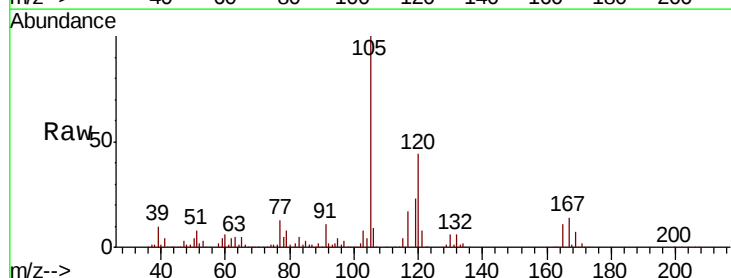


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

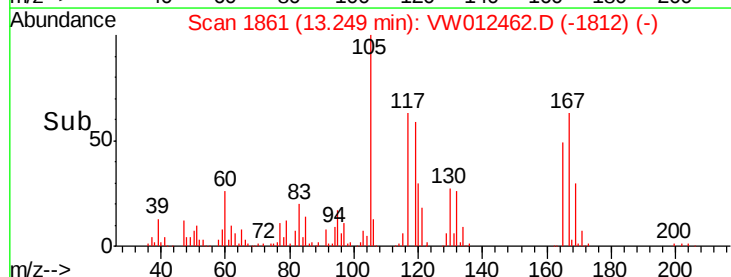
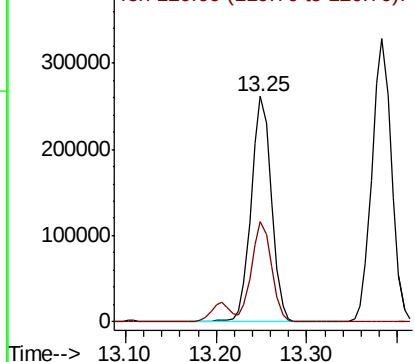


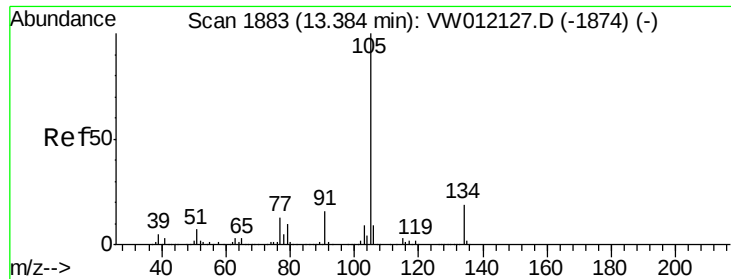
#84
 1,2,4-Trimethylbenzene
 Concen: 55.603 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion:105 Resp: 405304
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

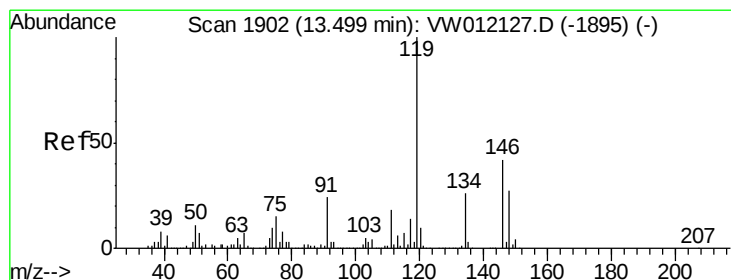
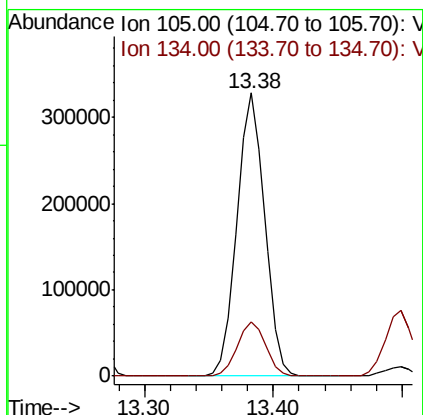
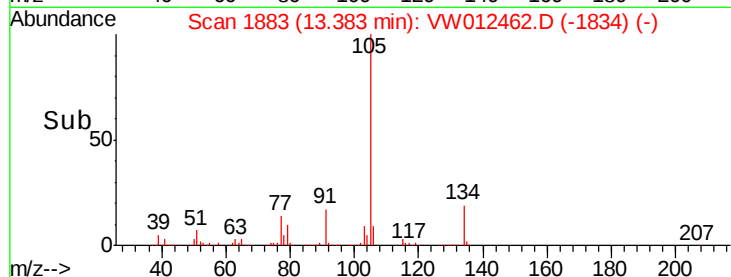
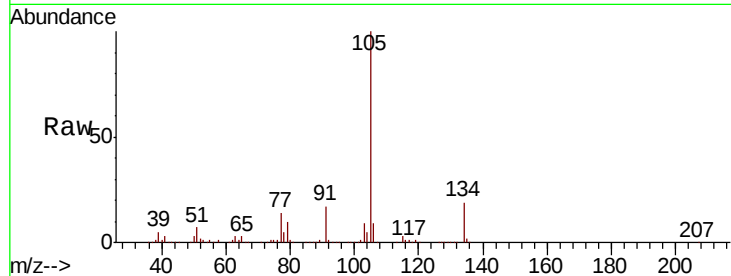




#85
 sec-Butylbenzene
 Concen: 55.617 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

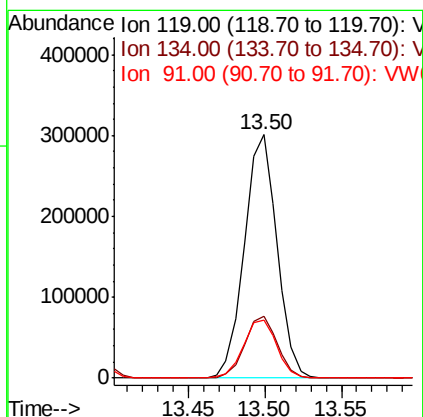
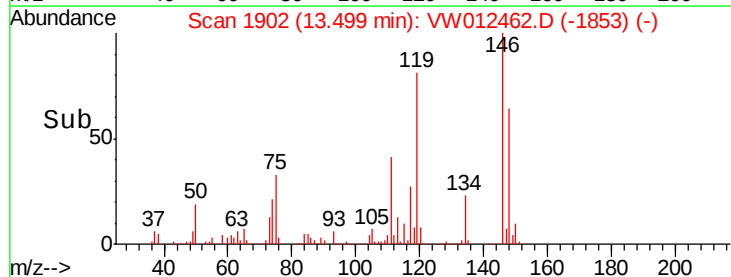
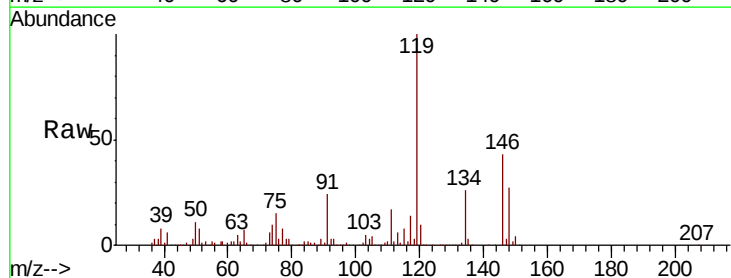
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 489782
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.456 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion:119 Resp: 444001
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.6 12.3 36.9

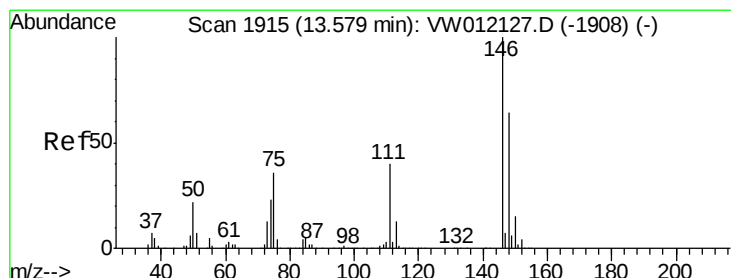
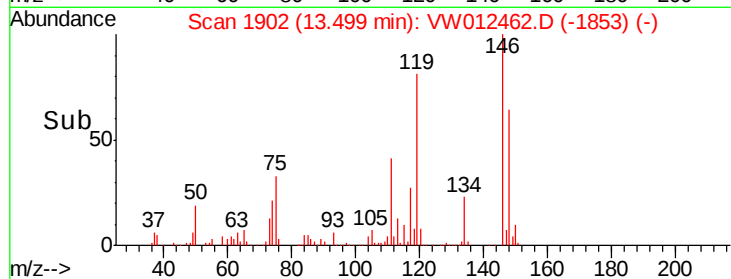
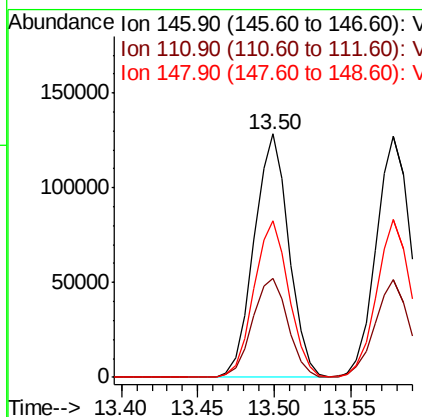
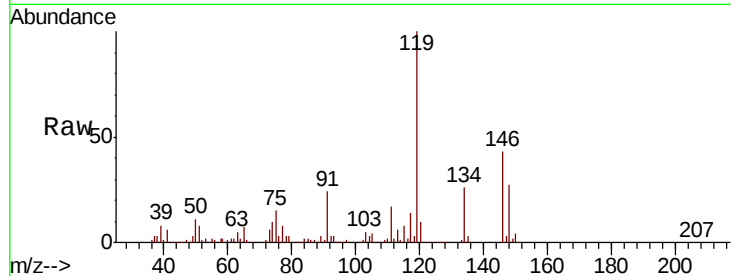




#87
 1,3-Dichlorobenzene
 Concen: 55.309 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

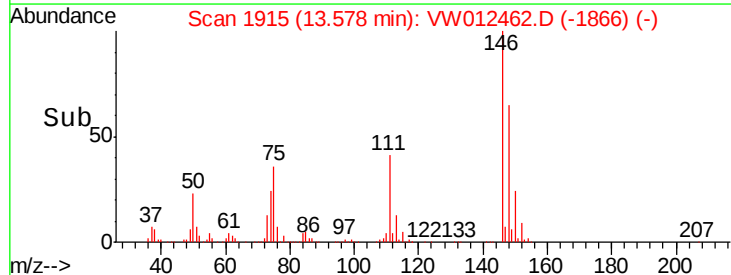
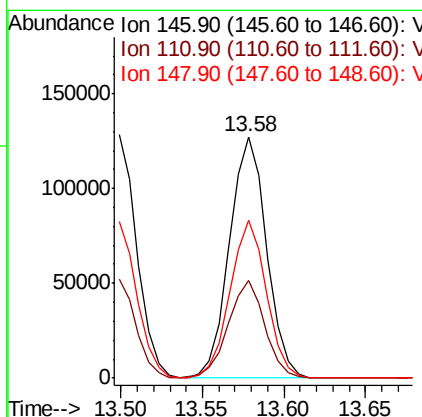
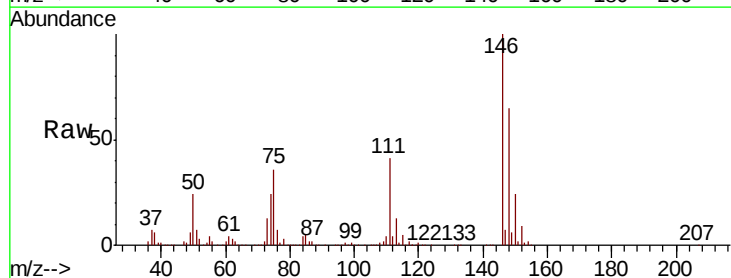
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

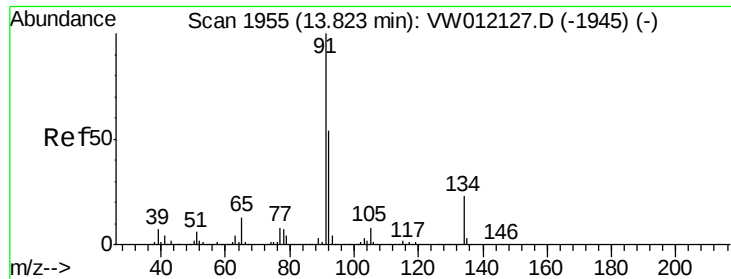
Tgt Ion:146 Resp: 203242
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 55.040 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion:146 Resp: 200823
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 55.260 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012462.D

Acq: 01 Sep 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

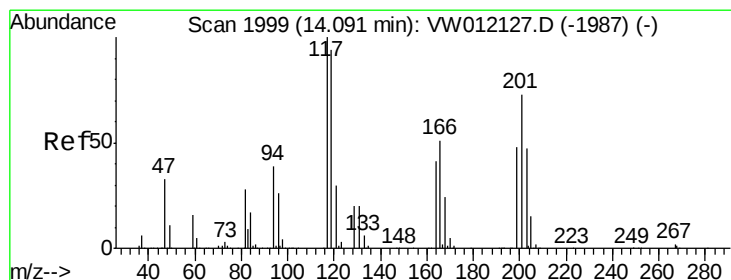
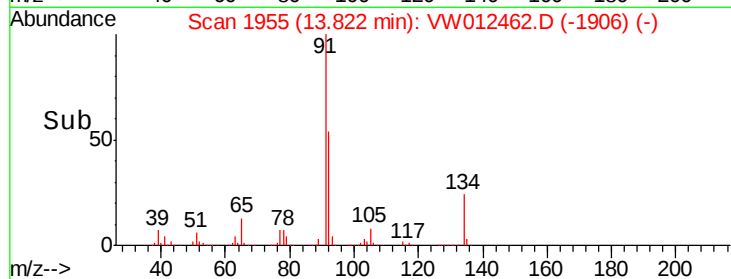
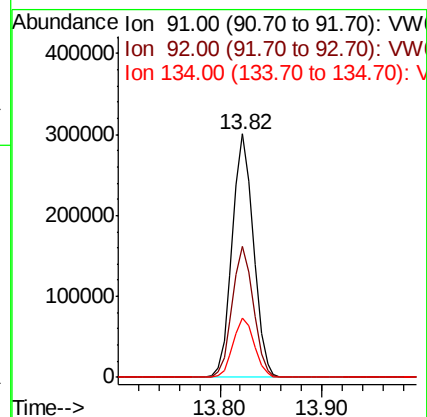
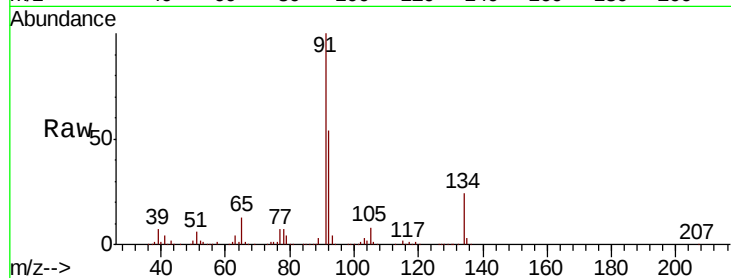
Tgt Ion: 91 Resp: 432181

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

134 24.5 12.2 36.4



#90

Hexachloroethane

Concen: 56.801 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012462.D

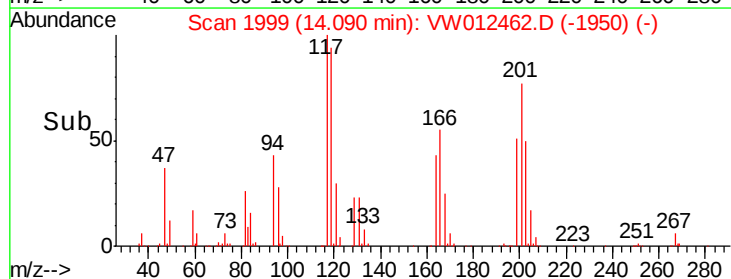
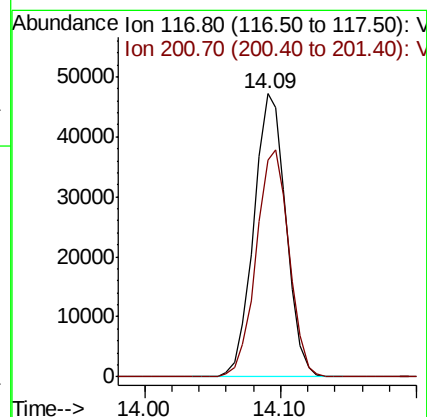
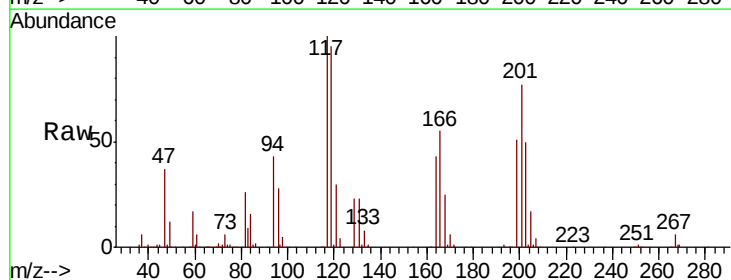
Acq: 01 Sep 2019 21:13

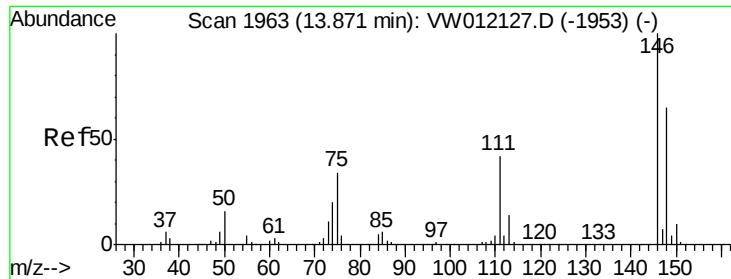
Tgt Ion: 117 Resp: 78375

Ion Ratio Lower Upper

117 100

201 81.8 38.6 115.7

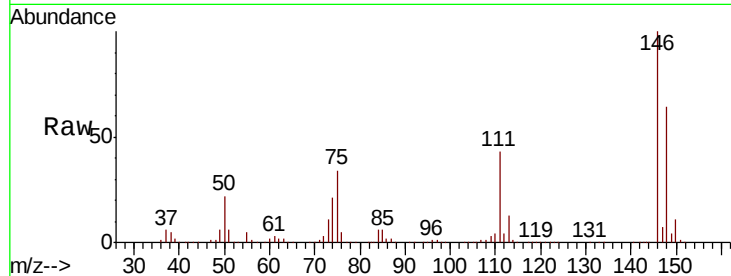




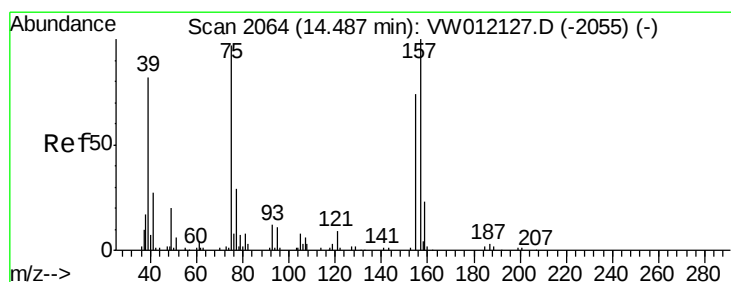
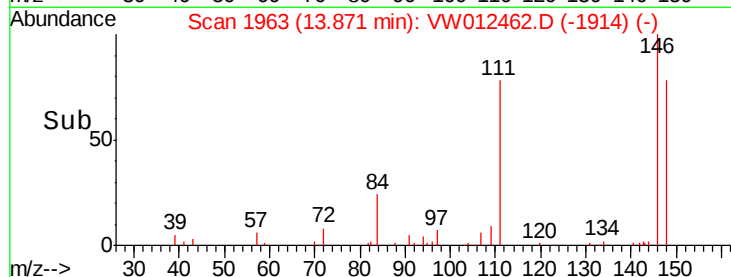
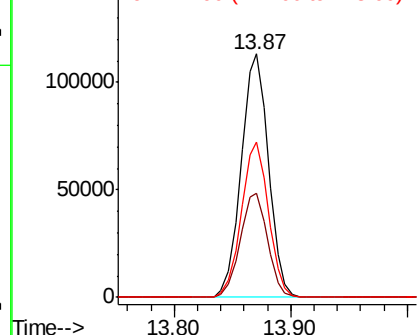
#91
 1,2-Dichlorobenzene
 Concen: 57.175 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 184314
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.7 32.5 97.4

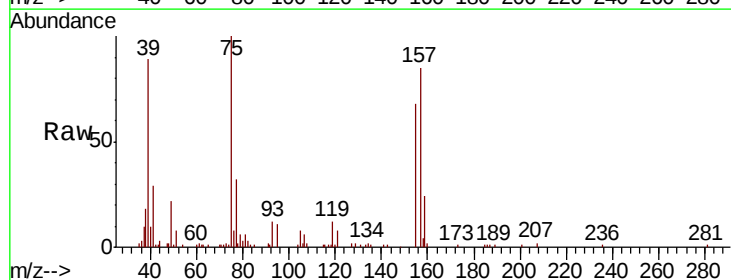


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

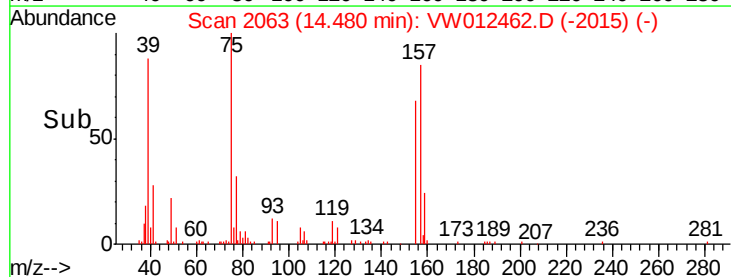
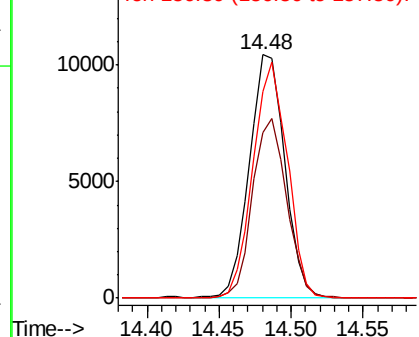


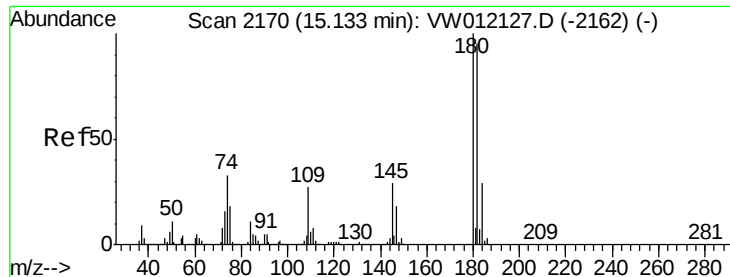
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.339 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion: 75 Resp: 17805
 Ion Ratio Lower Upper
 75 100
 155 71.0 37.5 112.3
 157 93.5 50.5 151.5



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

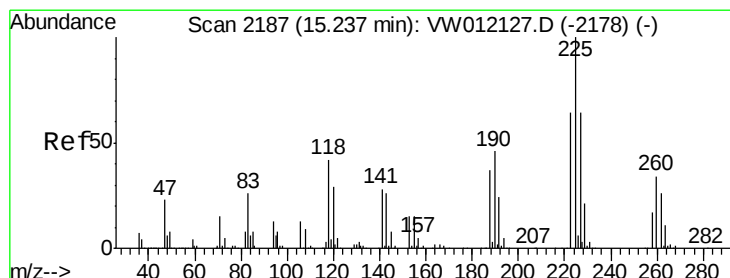
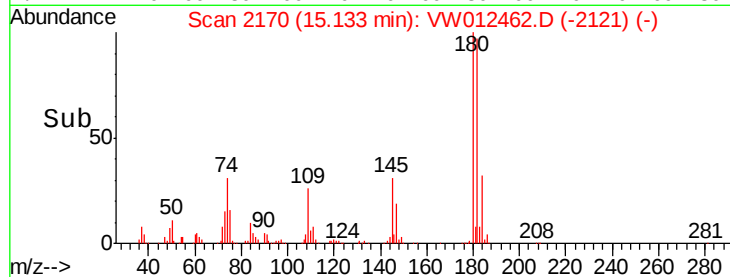
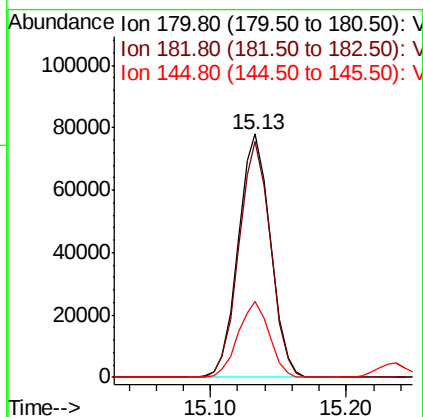
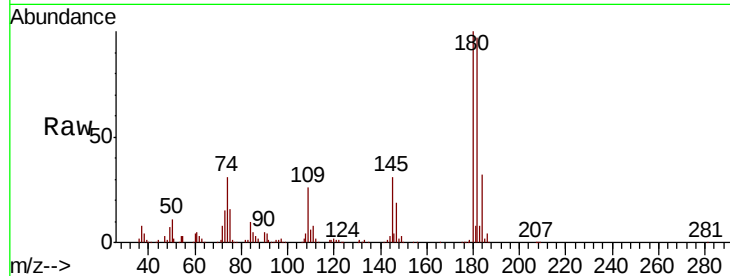




#93
 1,2,4-Trichlorobenzene
 Concen: 57.846 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

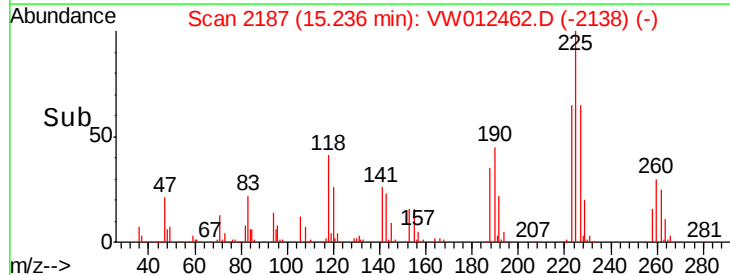
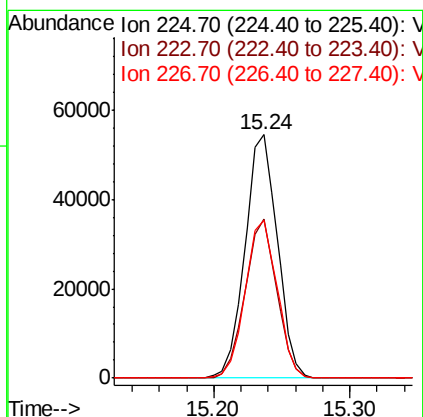
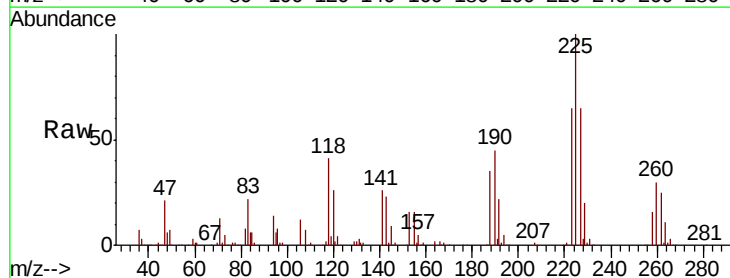
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

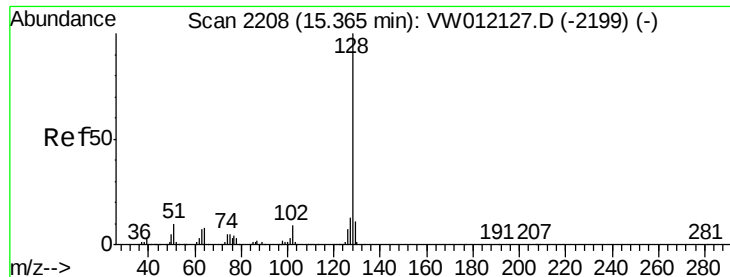
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128866		
182	95.6	47.8	143.4	
145	30.3	15.0	45.1	



#94
 Hexachlorobutadiene
 Concen: 61.174 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012462.D
 Acq: 01 Sep 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89985		
223	63.8	32.3	96.8	
227	64.1	32.9	98.6	

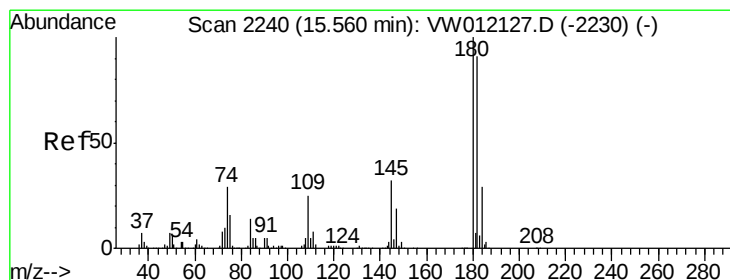
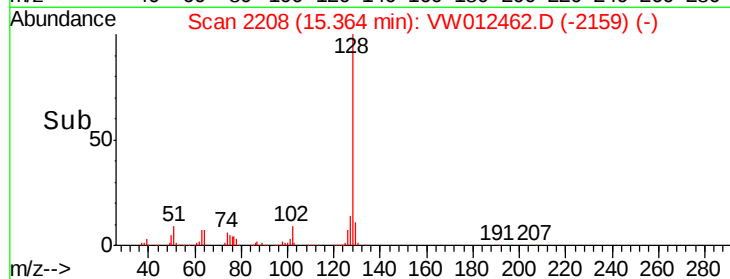
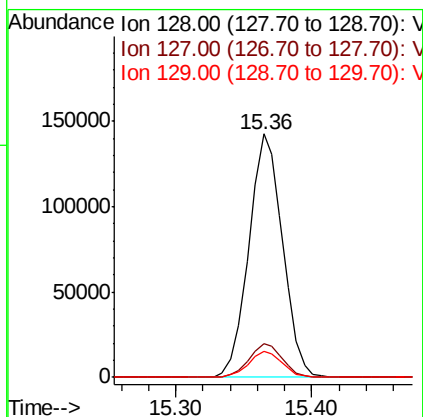
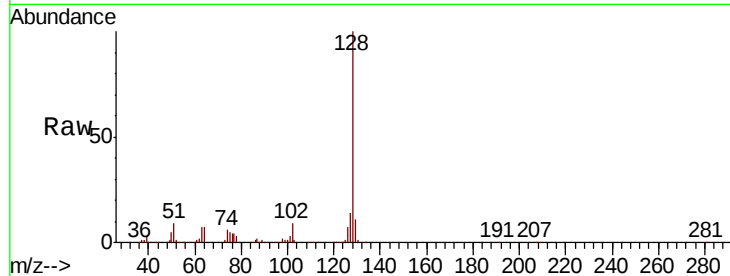




#95
Naphthalene
Concen: 56.073 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 247630
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 60.214 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012462.D
Acq: 01 Sep 2019 21:13

Tgt Ion:180 Resp: 117036
Ion Ratio Lower Upper
180 100
182 93.0 47.1 141.3
145 31.5 16.2 48.5

