

Data File : VV012247.D
Acq On : 15 Aug 2019 13:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB48

Quant Time: Aug 16 04:19:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	206040	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	190845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	100130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67852	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	56543	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.13	63	94131	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	3.97	46	120722	44.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.06%
24) Chloroform-d	4.40	84	117481	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	54849	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	221839	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.11	67	64323	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	216311	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	26265	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	88312	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45134	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	81752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	127334	6.439	ug/L 100
3) Chloromethane	1.25	50	111540	6.228	ug/L 100
5) Vinyl chloride	1.32	62	115536	6.279	ug/L 99
6) Bromomethane	1.53	94	57990	5.576	ug/L 97
8) Chloroethane	1.60	64	68621	6.465	ug/L 96
9) Trichlorofluoromethane	1.77	101	149554	6.461	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57080	4.877	ug/L 97
12) 1,1-Dichloroethene	2.14	96	51973	4.795	ug/L 100
13) Acetone	2.23	43	78236	45.792	ug/L 98
14) Carbon disulfide	2.31	76	146648	4.620	ug/L 100
15) Methyl Acetate	2.47	43	16736	3.880	ug/L 98
16) Methylene chloride	2.53	84	51204	4.381	ug/L 94
17) Methyl tert-butyl Ether	2.80	73	156642	5.246	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	74364	5.143	ug/L 97
19) 1,1-Dichloroethane	3.22	63	126603	4.781	ug/L 100
21) 2-Butanone	4.05	43	160285	45.881	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	76991	4.822	ug/L 100

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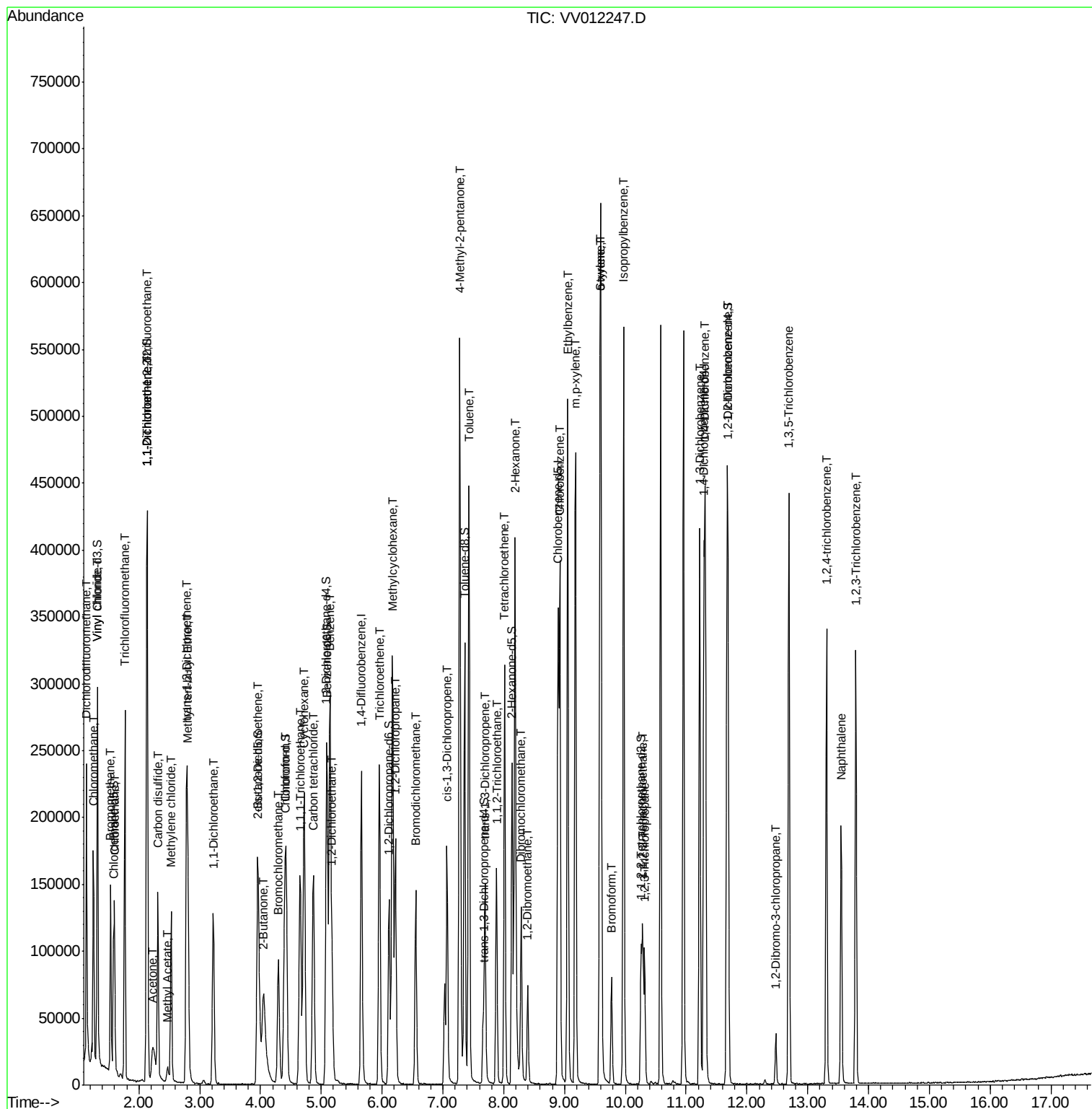
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	35773	5.255	ug/L	90
25) Chloroform	4.42	83	139464	4.638	ug/L	97
27) 1,2-Dichloroethane	5.18	62	81061	4.909	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	128091	5.488	ug/L	98
30) Cyclohexane	4.72	56	113704	4.891	ug/L	96
31) Carbon tetrachloride	4.87	117	120033	5.684	ug/L	96
33) Benzene	5.14	78	290168	5.040	ug/L	100
34) Trichloroethene	5.96	95	80608	5.169	ug/L	94
35) Methylcyclohexane	6.17	83	129399	5.341	ug/L	97
37) 1,2-Dichloropropane	6.22	63	69313	4.825	ug/L	98
38) Bromodichloromethane	6.55	83	95584	5.165	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	103800	5.247	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	380629	48.201	ug/L	96
42) Toluene	7.43	91	320158	5.227	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	81528	5.238	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	49373	5.153	ug/L	96
47) Tetrachloroethene	8.02	164	72554	5.645	ug/L	96
48) 2-Hexanone	8.19	43	270731	48.642	ug/L	97
49) Dibromochloromethane	8.29	129	66081	5.556	ug/L	93
50) 1,2-Dibromoethane	8.40	107	48469	5.237	ug/L	94
51) Chlorobenzene	8.92	112	206058	5.196	ug/L	99
52) Ethylbenzene	9.05	91	352991	5.408	ug/L	99
53) m,p-xylene	9.18	106	138151	5.512	ug/L	99
54) o-xylene	9.59	106	130408	5.498	ug/L	97
55) Styrene	9.60	104	222666	5.617	ug/L	99
56) Isopropylbenzene	9.97	105	359678	5.670	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	53299	4.795	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	40585	4.980	ug/L	99
61) Bromoform	9.77	173	36688	5.683	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	176871	5.307	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	174704	5.259	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	159237	5.207	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	8739	4.488	ug/L	83
67) 1,3,5-Trichlorobenzene	12.69	180	142018	5.643	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	108901	5.821	ug/L	98
69) Naphthalene	13.55	128	153743	5.685	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	102582	5.806	ug/L	99

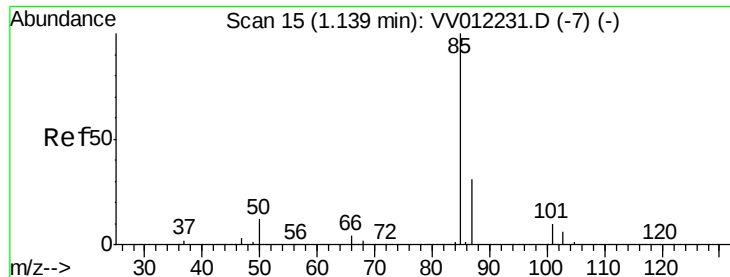
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 6.439 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

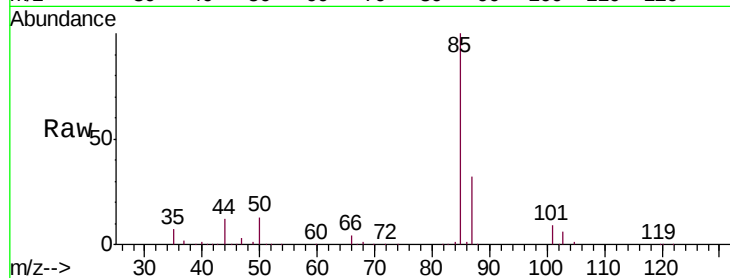
BFB48

Tgt Ion: 85 Resp: 127334

Ion Ratio Lower Upper

85 100

87 32.3 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV012231.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV012231.D (-7) (-)

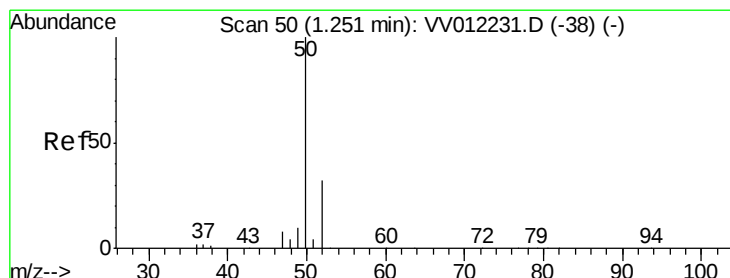
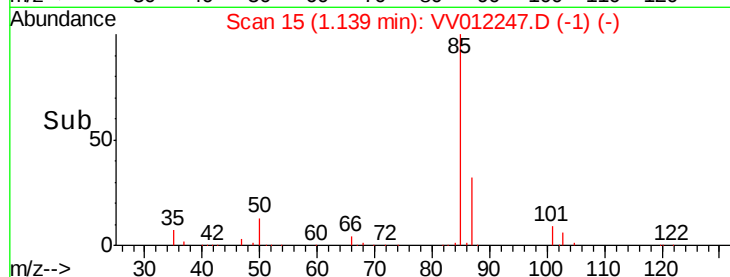
1.14

100000

50000

0

Time-->



#3

Chloromethane

Concen: 6.228 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012247.D

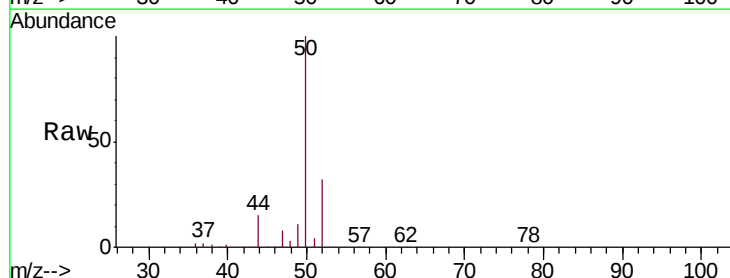
Acq: 15 Aug 2019 13:13

Tgt Ion: 50 Resp: 111540

Ion Ratio Lower Upper

50 100

52 32.2 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV012231.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV012231.D (-38) (-)

1.25

100000

80000

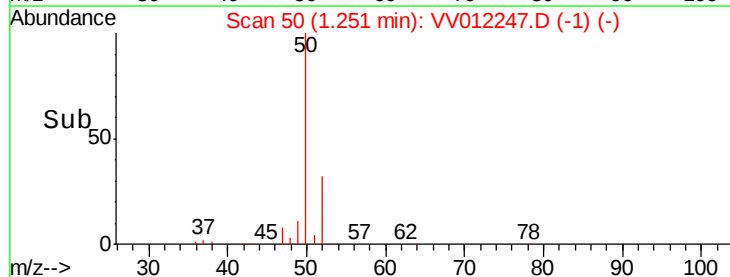
60000

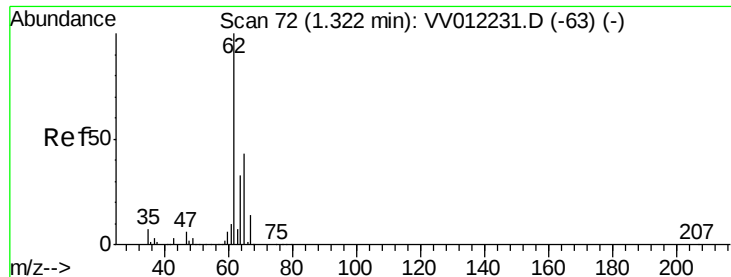
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 6.279 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

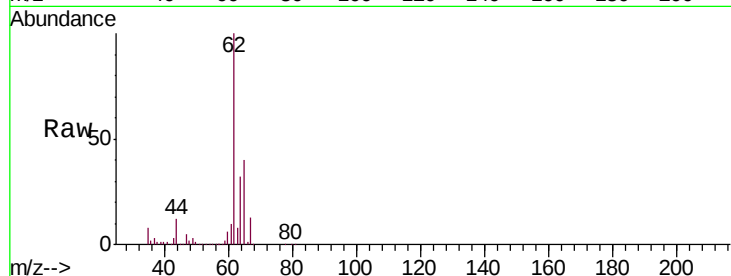
BFB48

Tgt Ion: 62 Resp: 115536

Ion Ratio Lower Upper

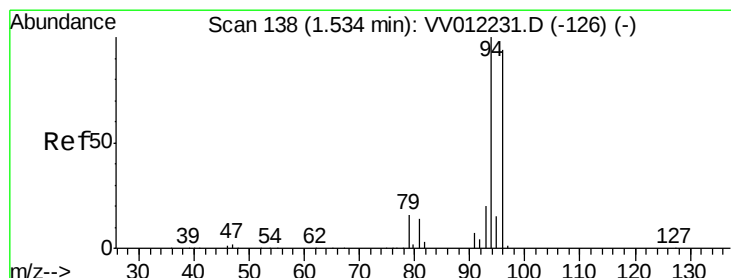
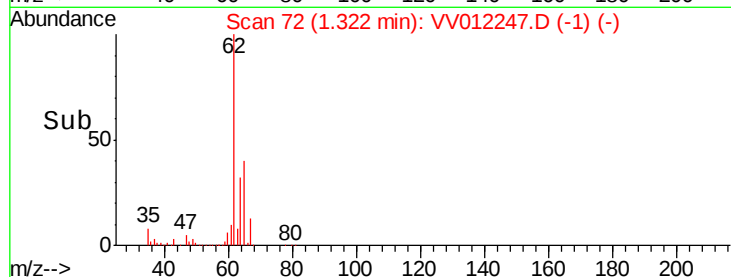
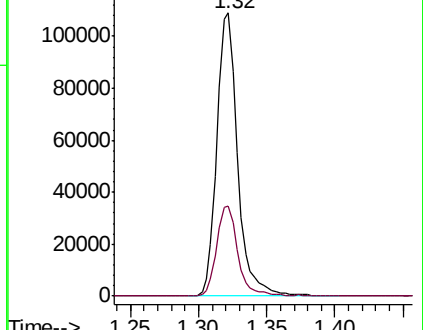
62 100

64 32.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 5.576 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV012247.D

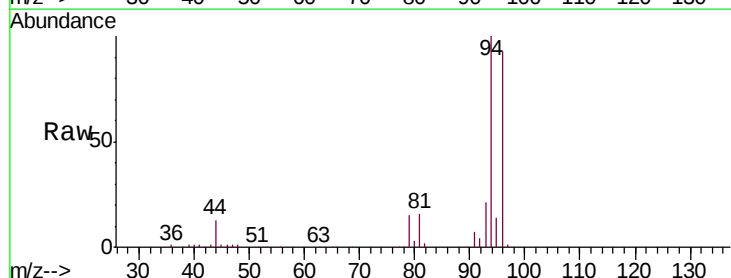
Acq: 15 Aug 2019 13:13

Tgt Ion: 94 Resp: 57990

Ion Ratio Lower Upper

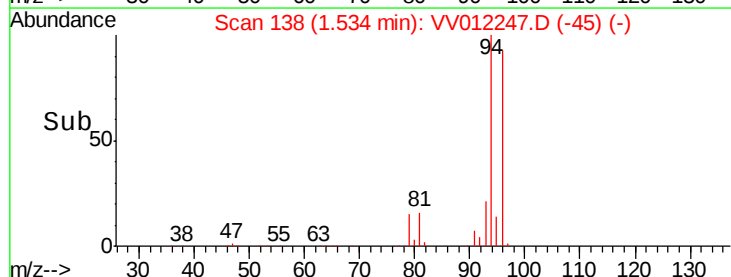
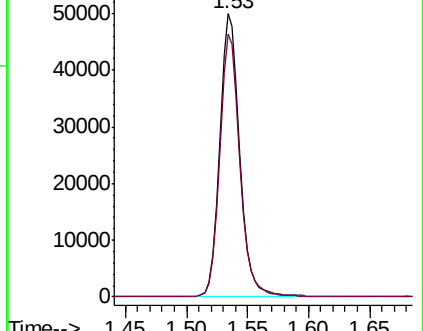
94 100

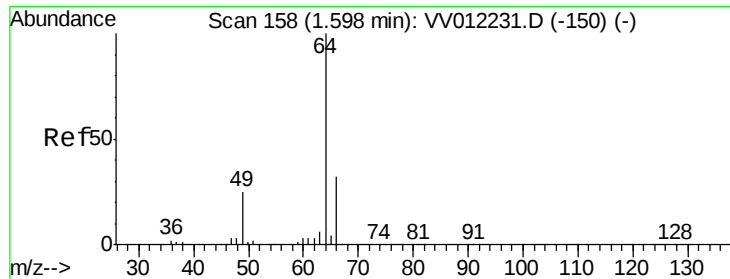
96 92.9 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 6.465 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampled :

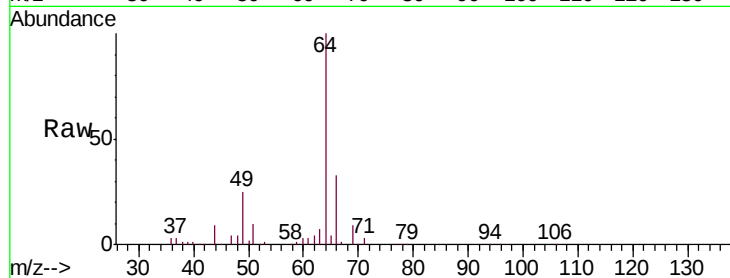
BFB48

Tgt Ion: 64 Resp: 68621

Ion Ratio Lower Upper

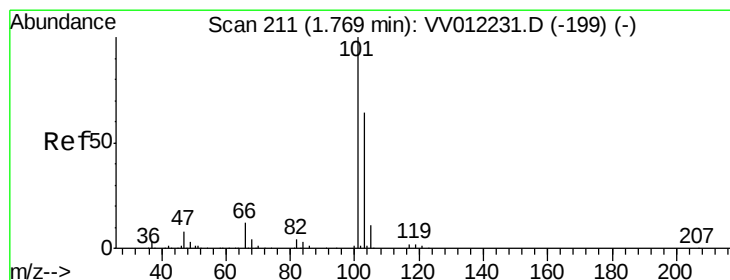
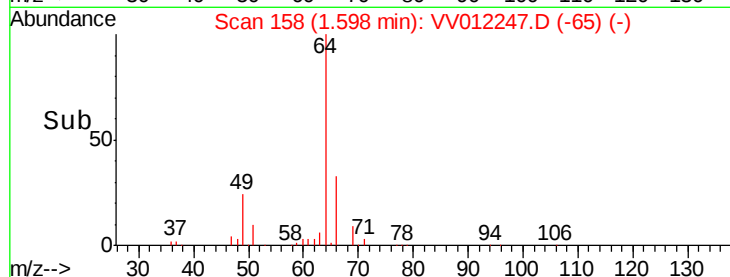
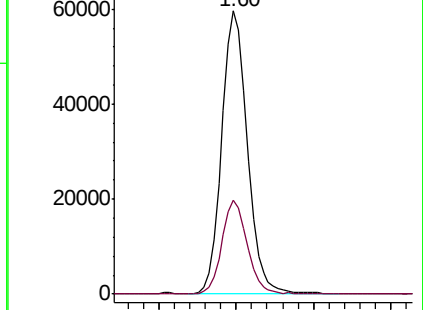
64 100

66 33.1 21.8 40.4



Abundance Ion 64.10 (63.80 to 64.80): VV012231.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV012247.D (-118) (-)



#9

Trichlorofluoromethane

Concen: 6.461 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV012247.D

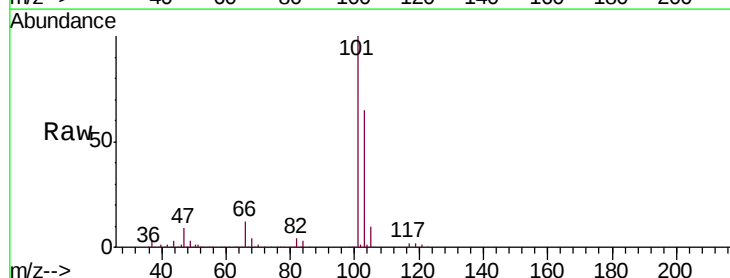
Acq: 15 Aug 2019 13:13

Tgt Ion: 101 Resp: 149554

Ion Ratio Lower Upper

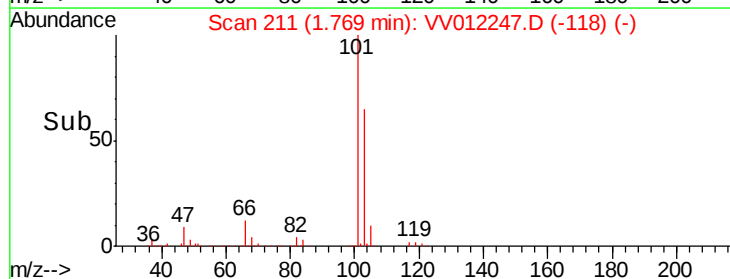
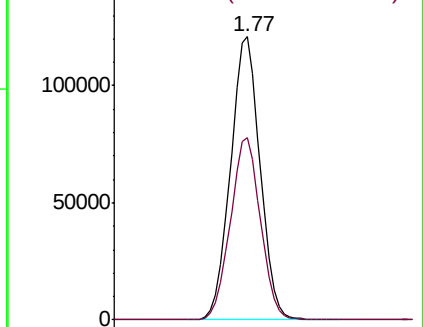
101 100

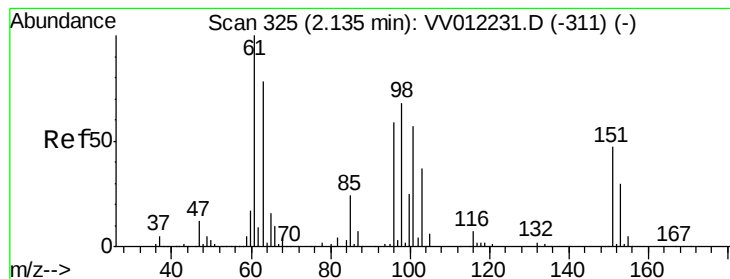
103 65.8 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): VV012231.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV012247.D (-118) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.877 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

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ClientSampleId :

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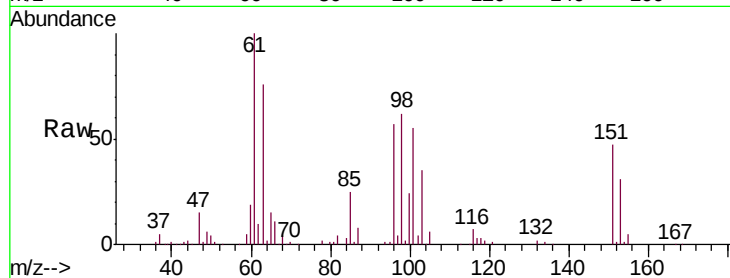
Tgt Ion: 101 Resp: 57080

Ion Ratio Lower Upper

101 100

85 44.8 33.7 50.5

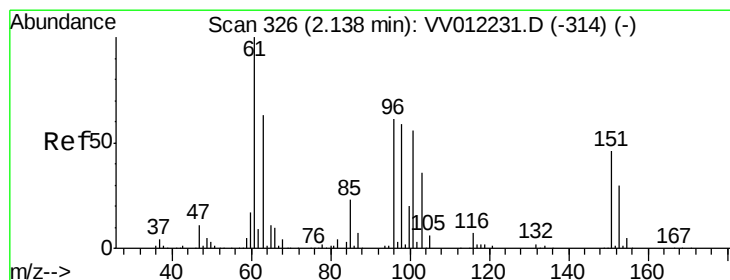
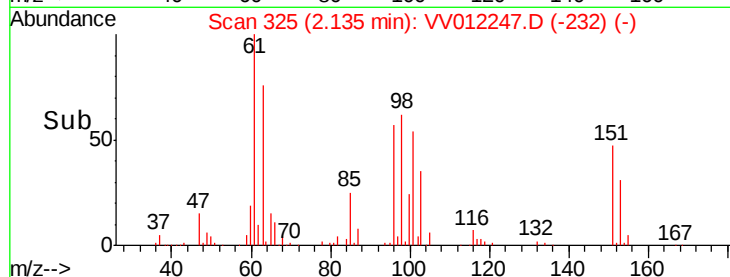
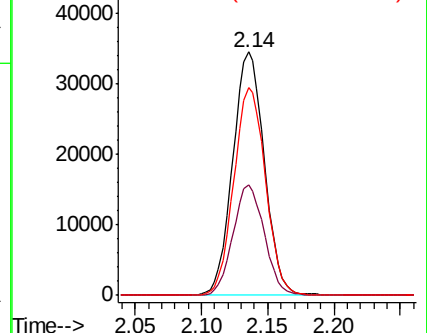
151 85.2 66.3 99.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.795 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

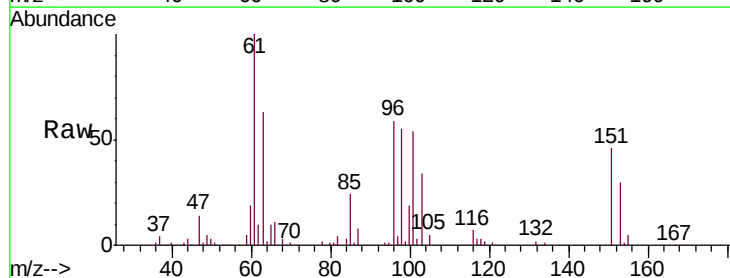
Tgt Ion: 96 Resp: 51973

Ion Ratio Lower Upper

96 100

61 169.8 119.3 221.5

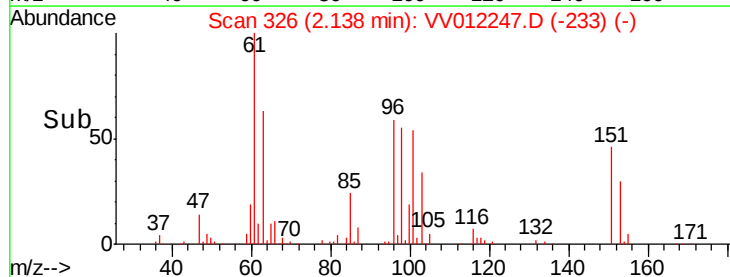
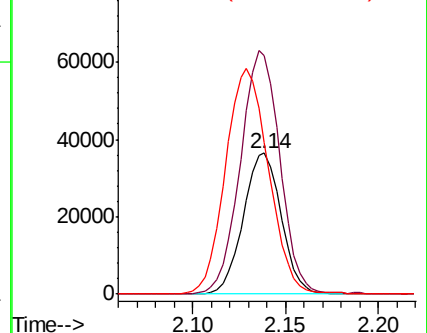
63 107.2 74.9 139.1

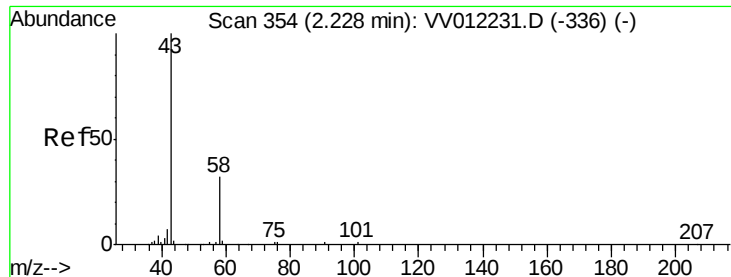


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 45.792 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

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ClientSampleId :

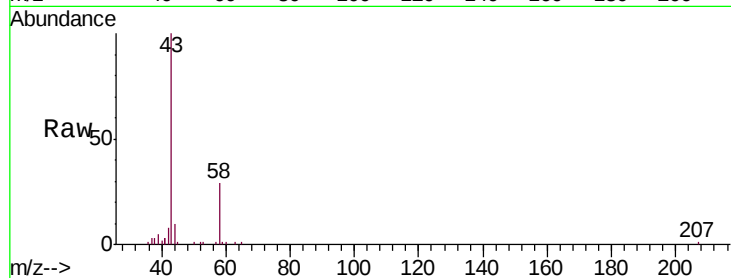
BFB48

Tgt Ion: 43 Resp: 78236

Ion Ratio Lower Upper

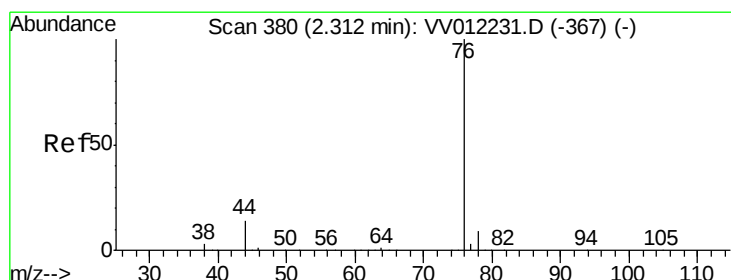
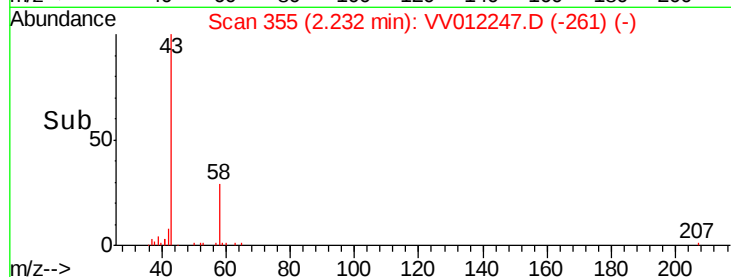
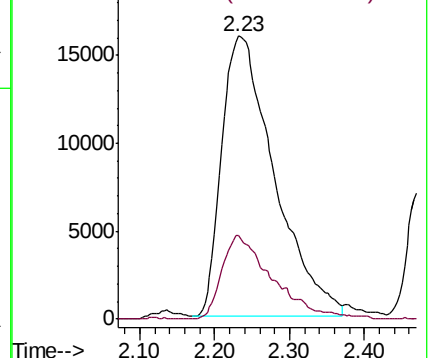
43 100

58 28.5 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 4.620 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV012247.D

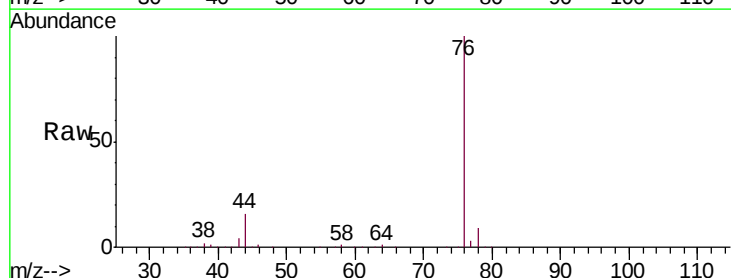
Acq: 15 Aug 2019 13:13

Tgt Ion: 76 Resp: 146648

Ion Ratio Lower Upper

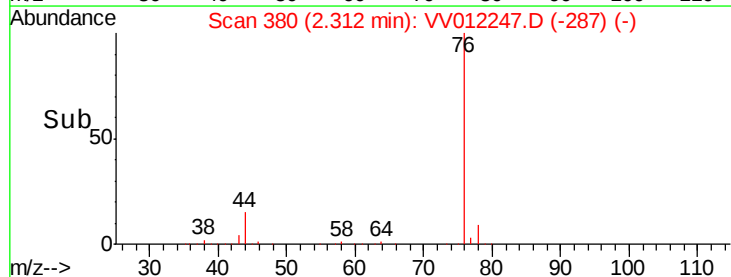
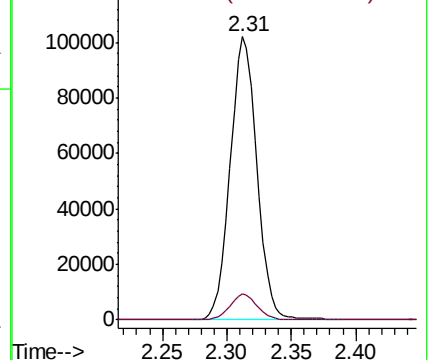
76 100

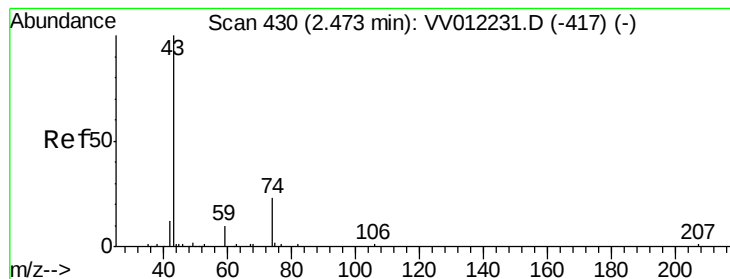
78 9.1 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methyl Acetate

Concen: 3.880 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

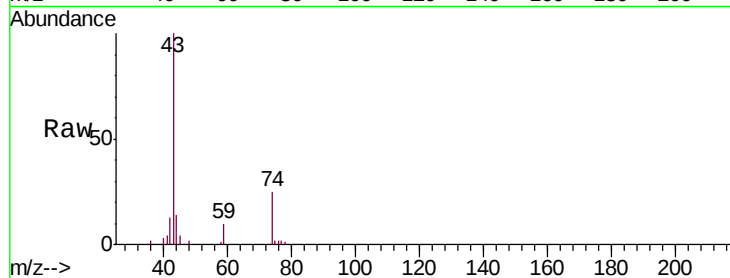
BFB48

Tgt Ion: 43 Resp: 16736

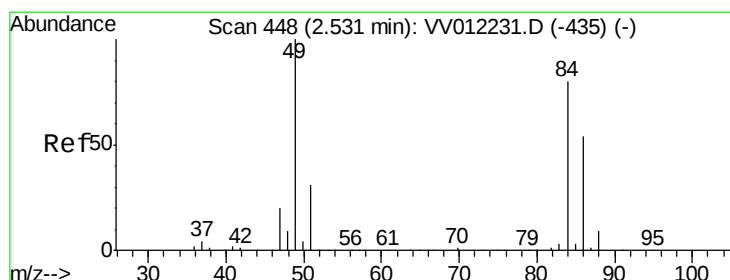
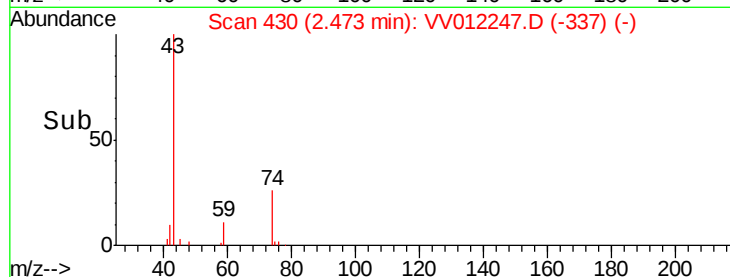
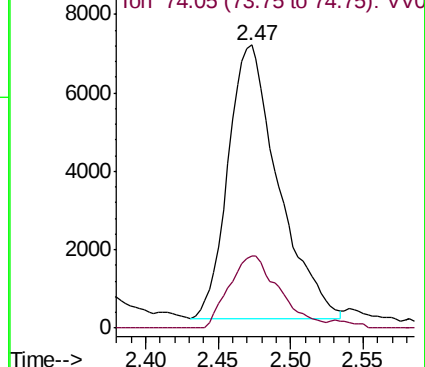
Ion Ratio Lower Upper

43 100

74 26.6 20.3 30.5



Abundance Ion 43.05 (42.75 to 43.75): VV012247.D (-337) (-)



#16

Methylene chloride

Concen: 4.381 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

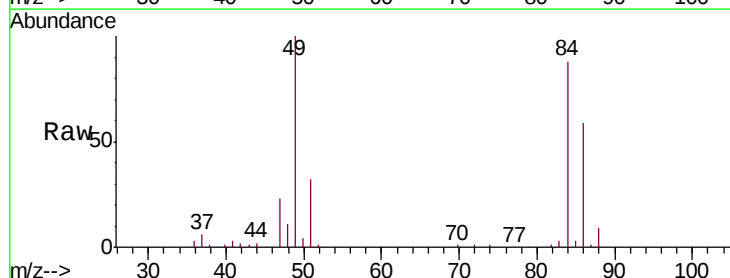
Tgt Ion: 84 Resp: 51204

Ion Ratio Lower Upper

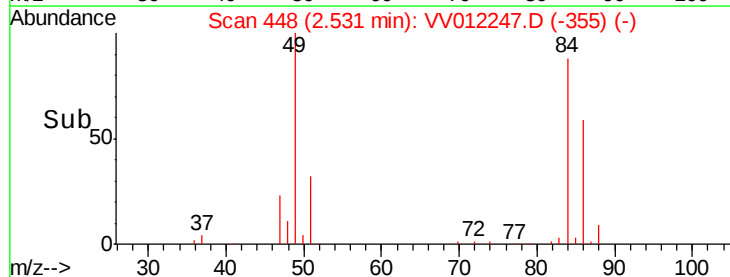
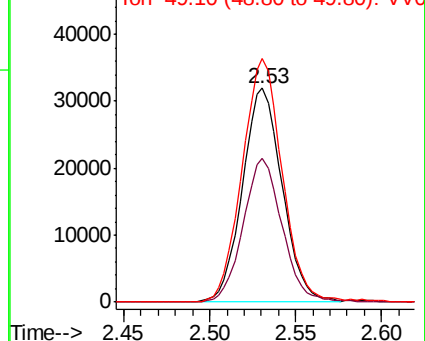
84 100

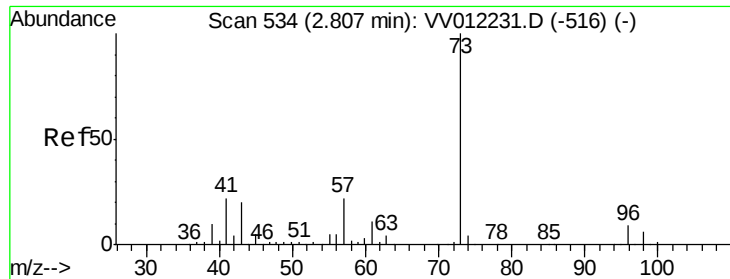
86 67.1 44.4 82.5

49 114.0 85.1 158.1



Abundance Ion 84.05 (83.75 to 84.75): VV012247.D (-355) (-)





#17

Methyl tert-butyl Ether

Concen: 5.246 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

BFB48

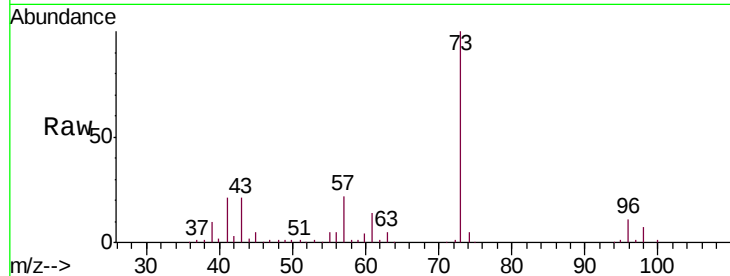
Tgt Ion: 73 Resp: 156642

Ion Ratio Lower Upper

73 100

43 20.6 15.4 23.0

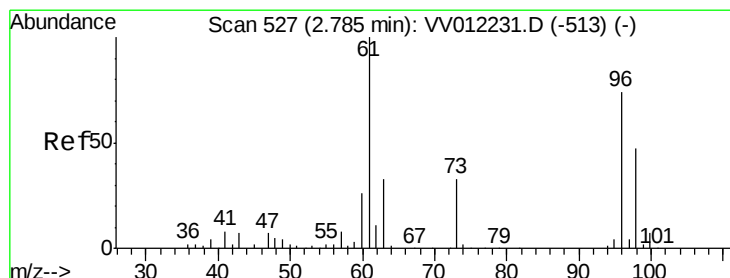
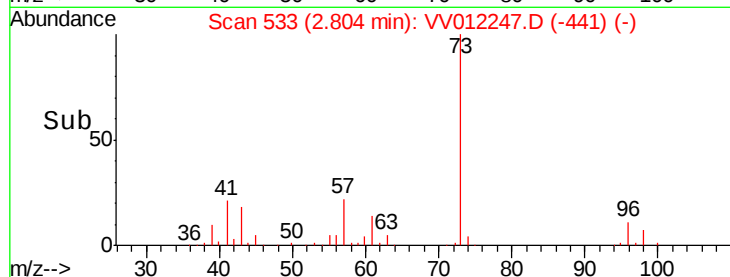
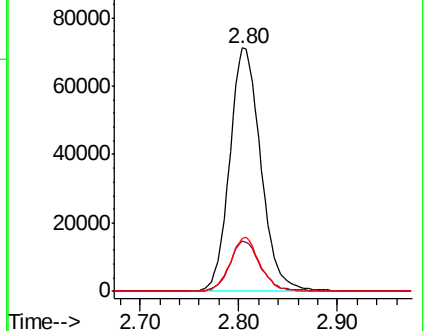
57 21.2 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV012231.D (-516) (-)

Ion 43.05 (42.75 to 43.75): VV012231.D (-516) (-)

Ion 57.10 (56.80 to 57.80): VV012231.D (-516) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.143 ug/L

RT: 2.78 min Scan# 526

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

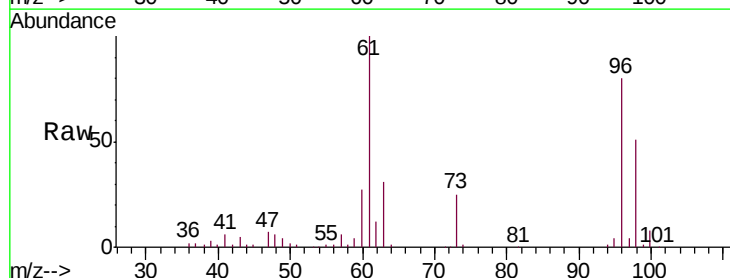
Tgt Ion: 96 Resp: 74364

Ion Ratio Lower Upper

96 100

61 125.5 90.8 168.6

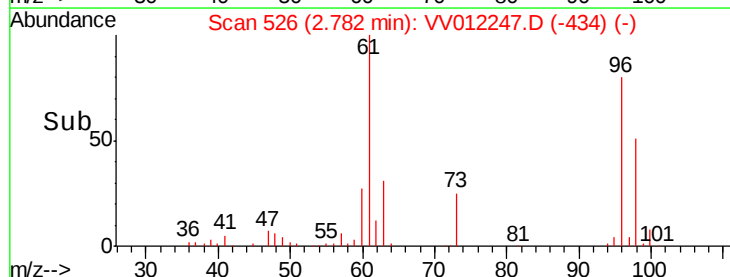
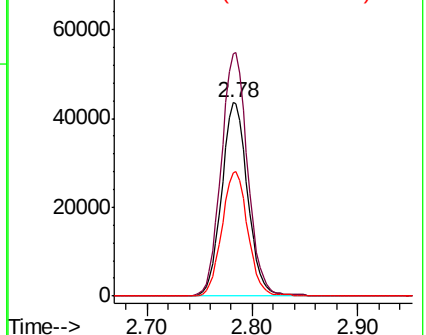
98 63.8 44.4 82.4

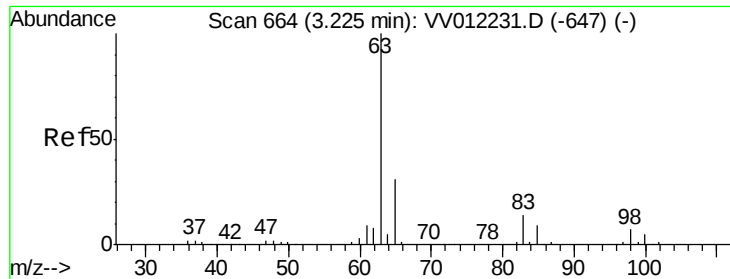


Abundance Ion 96.00 (95.70 to 96.70): VV012231.D (-513) (-)

Ion 61.05 (60.75 to 61.75): VV012231.D (-513) (-)

Ion 97.95 (97.65 to 98.65): VV012231.D (-513) (-)

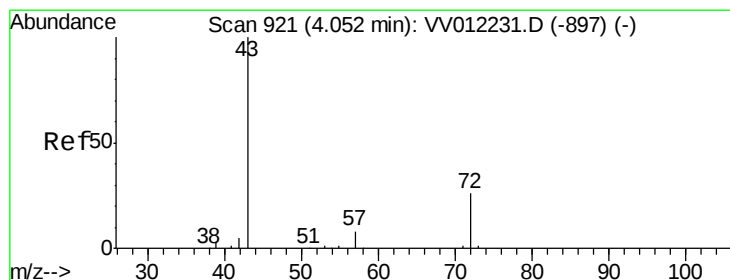
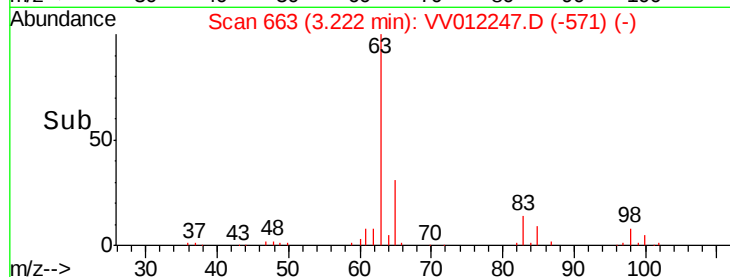
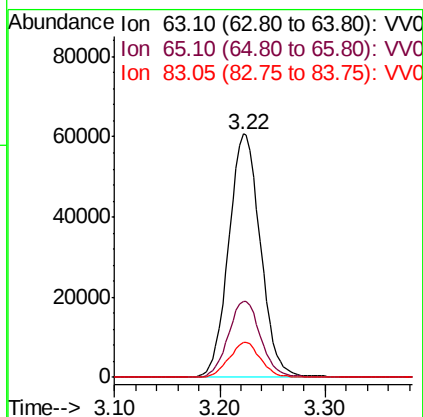
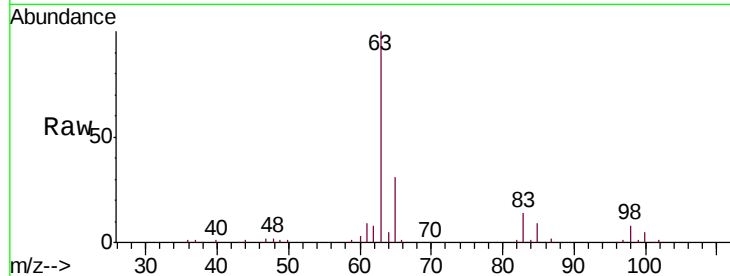




#19
 1,1-Dichloroethane
 Concen: 4.781 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

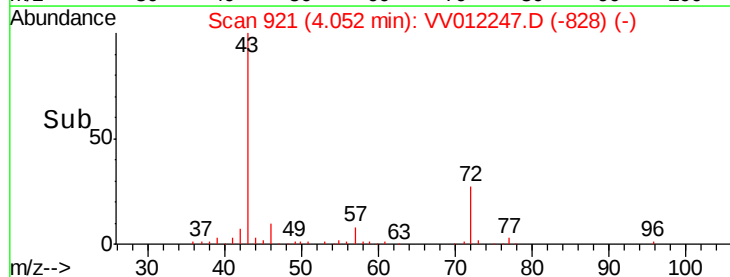
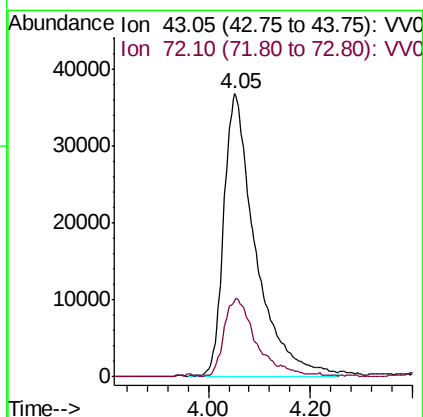
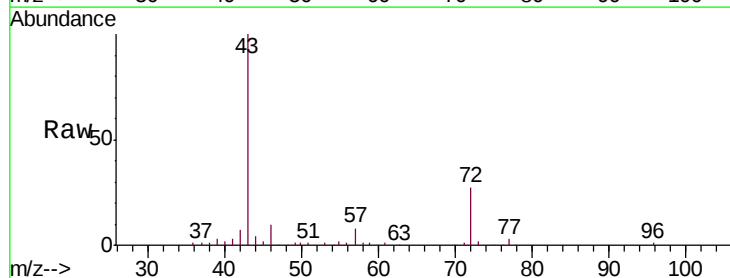
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB48

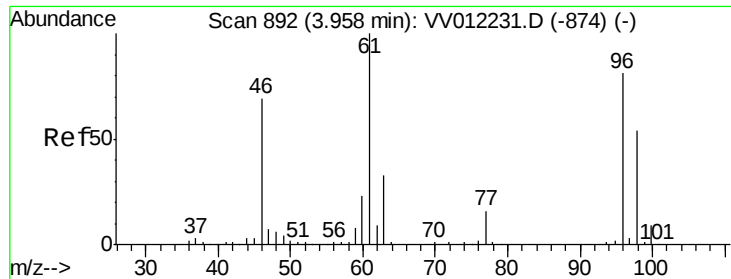
Tgt Ion: 63 Resp: 126603
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.7 40.3
 83 14.3 10.1 18.9



#21
 2-Butanone
 Concen: 45.881 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion: 43 Resp: 160285
 Ion Ratio Lower Upper
 43 100
 72 28.1 12.9 38.7



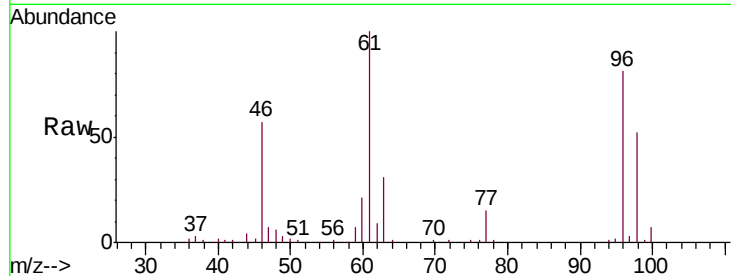


#22

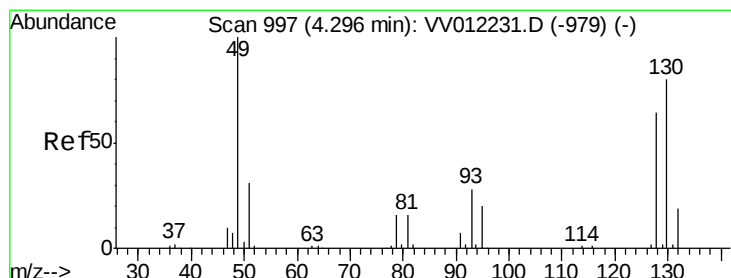
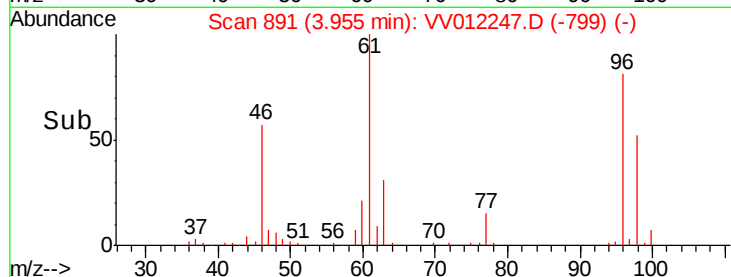
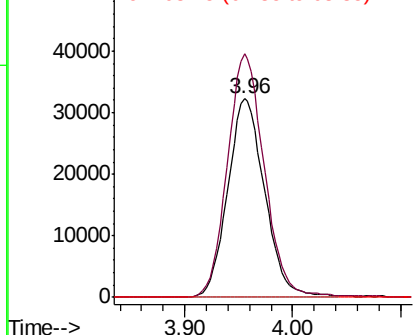
cis-1,2-Dichloroethene
Concen: 4.822 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Instrument :
MSVOA_V
ClientSampled :
BFB48

Tgt Ion: 96 Resp: 76991
Ion Ratio Lower Upper
96 100
61 122.7 86.0 159.6
68 0.0 0.0 0.0



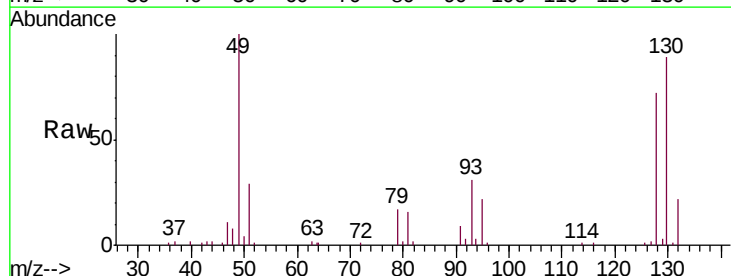
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



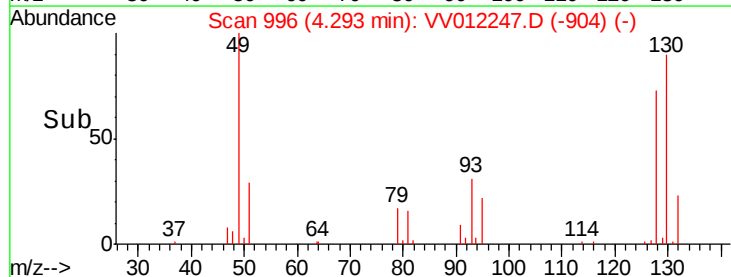
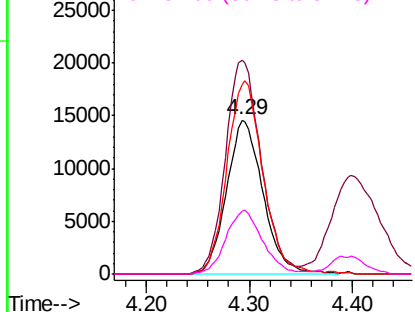
#23

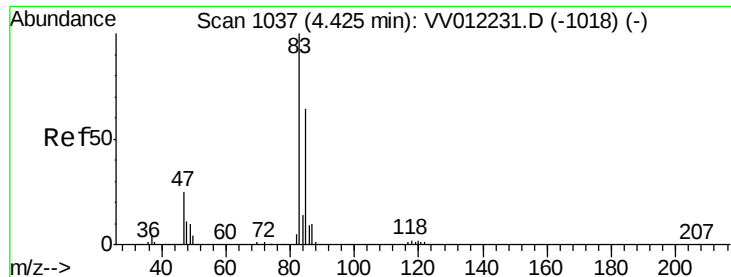
Bromochloromethane
Concen: 5.255 ug/L
RT: 4.29 min Scan# 996
Delta R.T. -0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion: 128 Resp: 35773
Ion Ratio Lower Upper
128 100
49 138.8 111.5 207.1
130 123.2 87.4 162.4
51 40.8 38.2 57.2



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

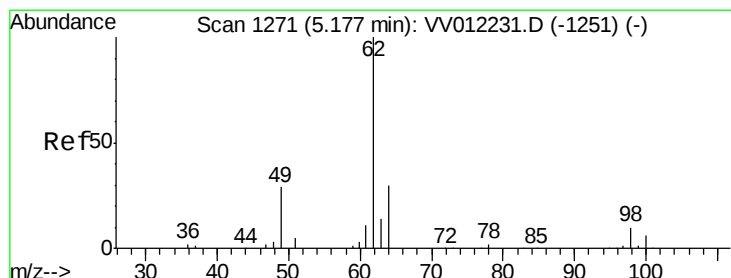
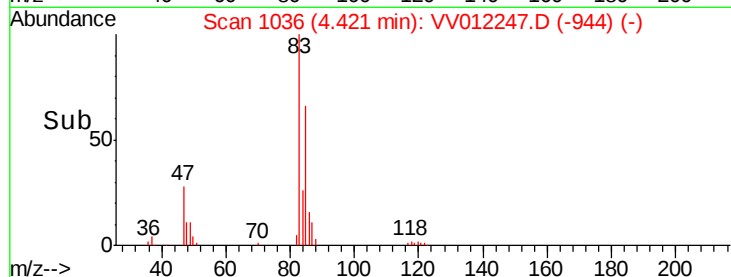
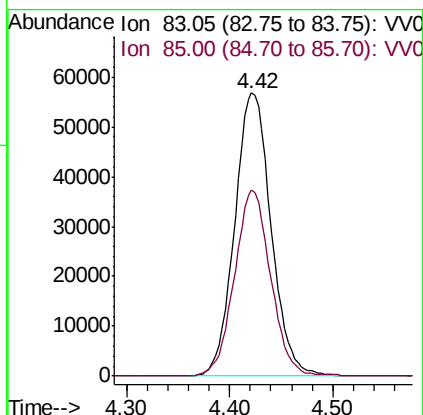
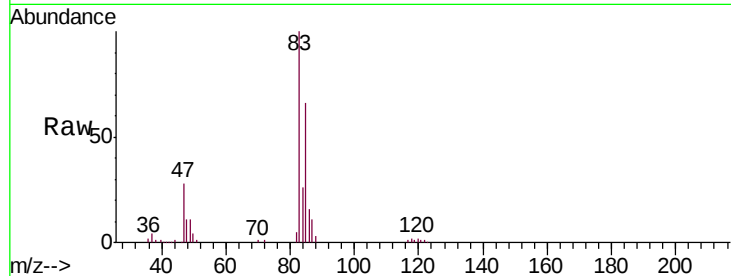




#25
Chloroform
Concen: 4.638 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

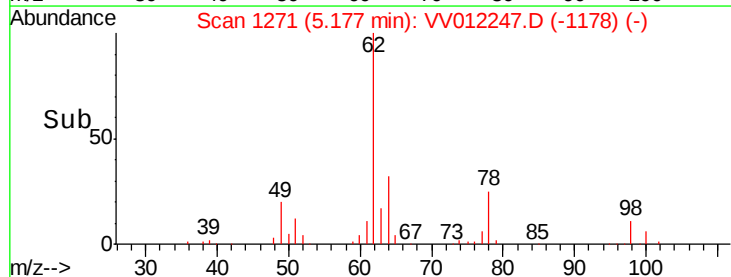
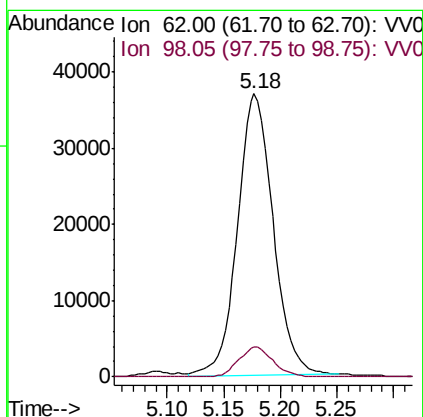
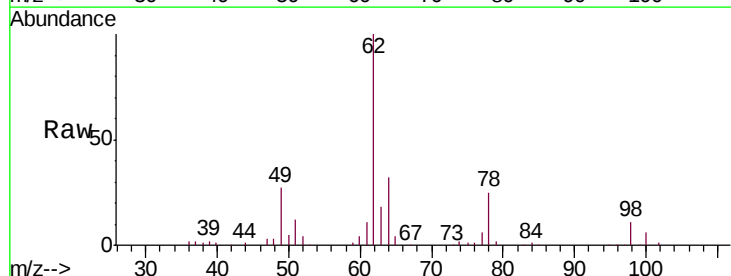
Instrument :
MSVOA_V
ClientSampleId :
BFB48

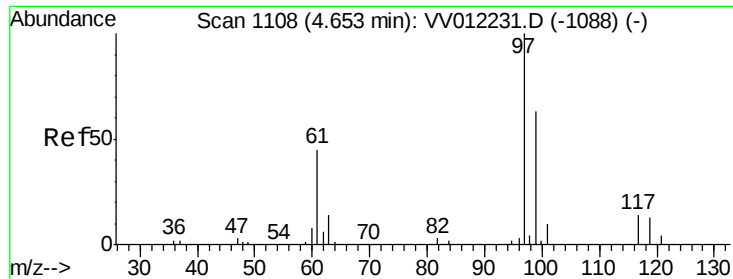
Tgt Ion: 83 Resp: 139464
Ion Ratio Lower Upper
83 100
85 65.9 44.3 82.3



#27
1,2-Dichloroethane
Concen: 4.909 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion: 62 Resp: 81061
Ion Ratio Lower Upper
62 100
98 10.6 7.5 11.3

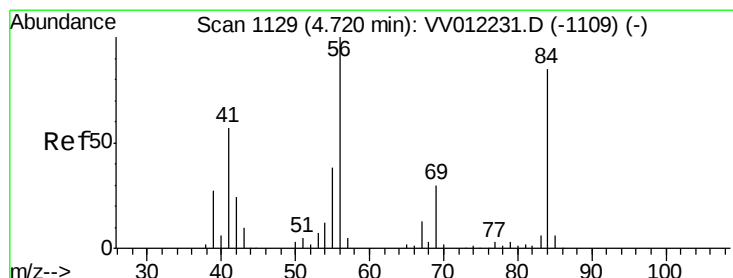
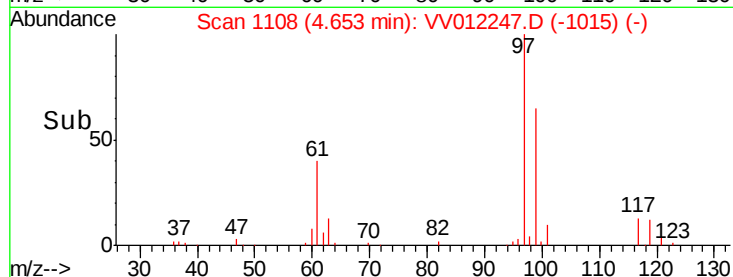
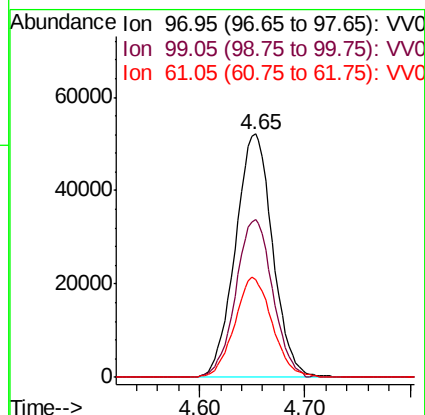
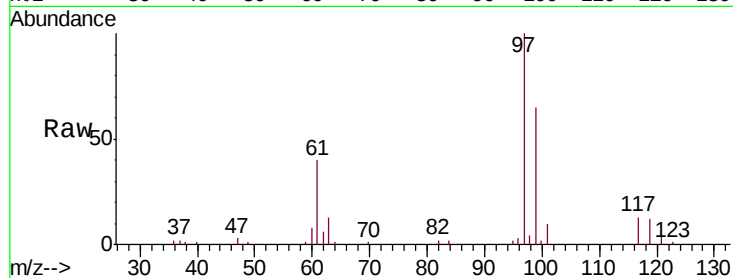




#29
 1,1,1-Trichloroethane
 Concen: 5.488 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

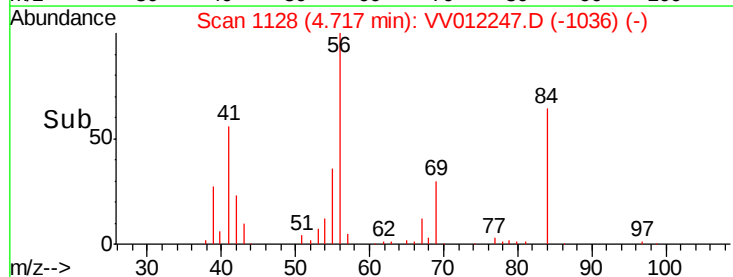
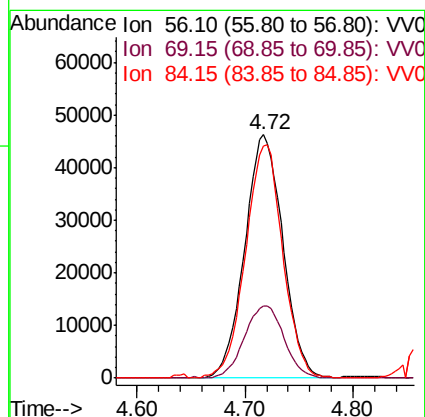
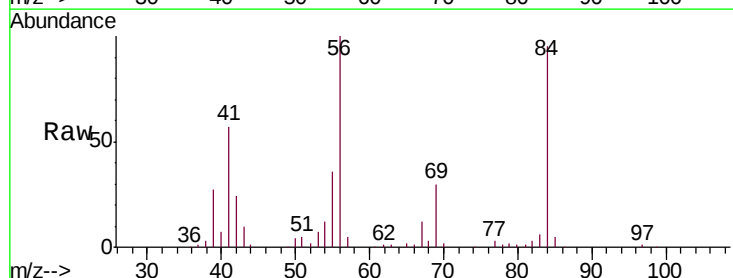
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB48

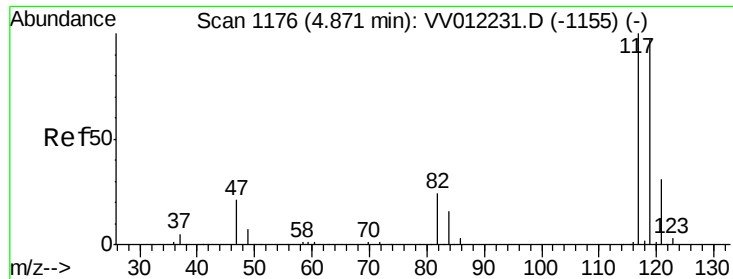
Tgt Ion: 97 Resp: 128091
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.1 78.1
 61 41.4 35.4 53.0



#30
 Cyclohexane
 Concen: 4.891 ug/L
 RT: 4.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion: 56 Resp: 113704
 Ion Ratio Lower Upper
 56 100
 69 30.8 24.6 36.8
 84 93.6 71.0 106.6

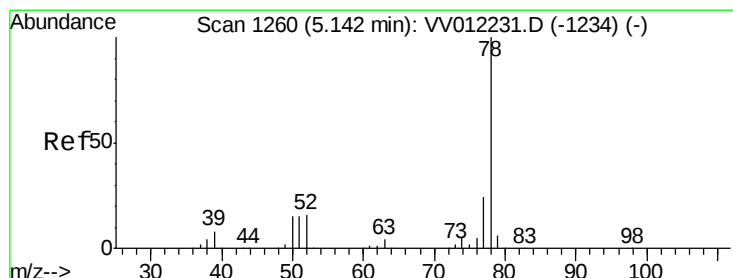
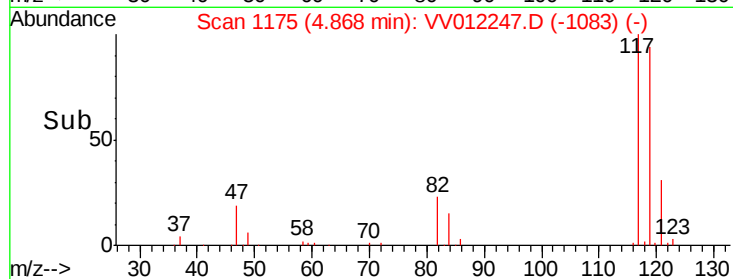
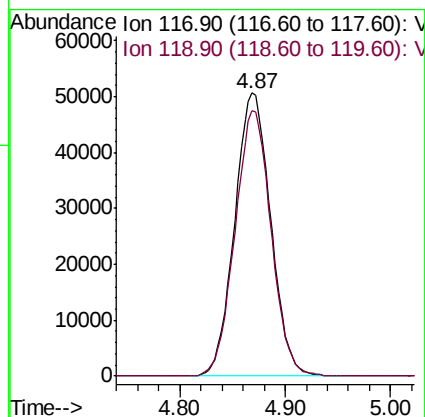
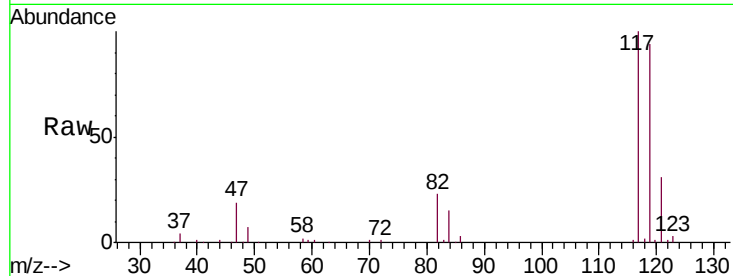




#31
Carbon tetrachloride
Concen: 5.684 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

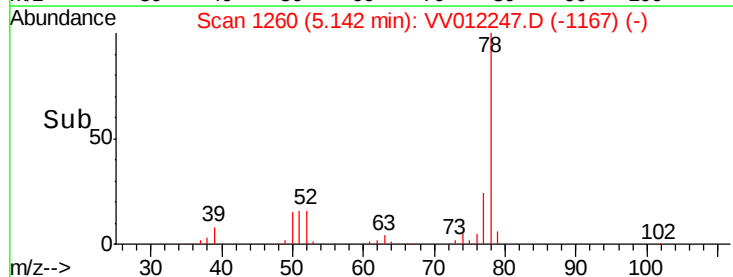
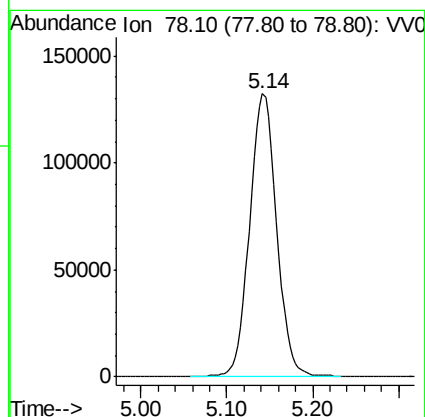
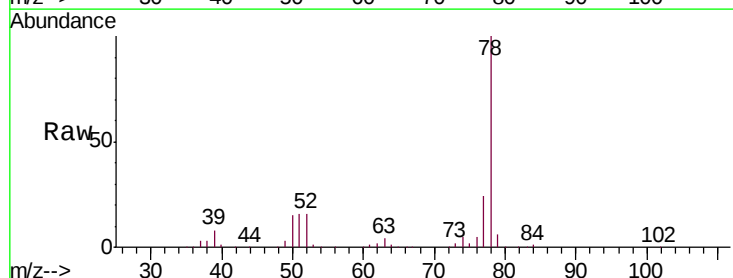
Instrument :
MSVOA_V
ClientSampleId :
BFB48

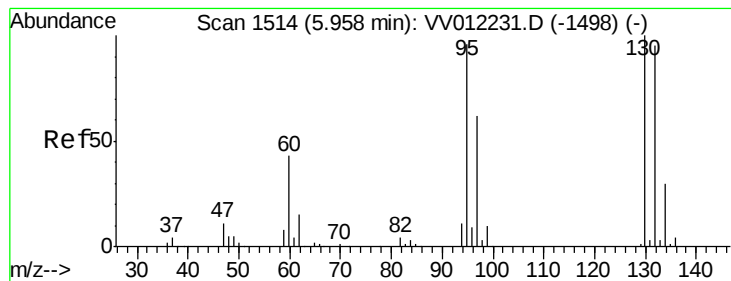
Tgt Ion:117 Resp: 120033
Ion Ratio Lower Upper
117 100
119 93.8 77.9 116.9



#33
Benzene
Concen: 5.040 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion: 78 Resp: 290168





#34

Trichloroethene

Concen: 5.169 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

BFB48

Tgt Ion: 95 Resp: 80608

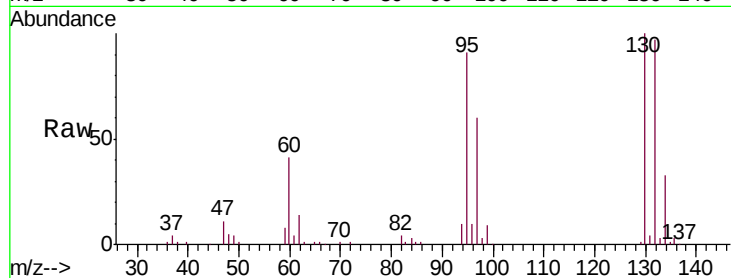
Ion Ratio Lower Upper

95 100

97 66.1 43.3 80.3

132 106.0 67.5 125.3

130 109.8 74.9 139.1

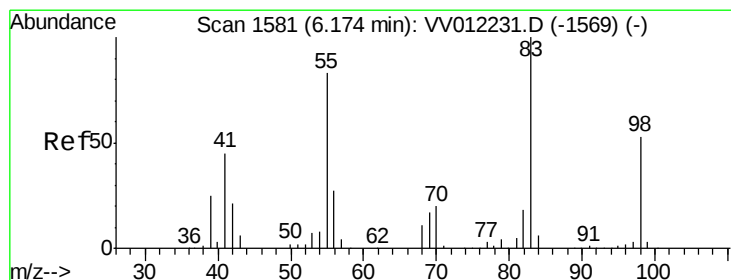
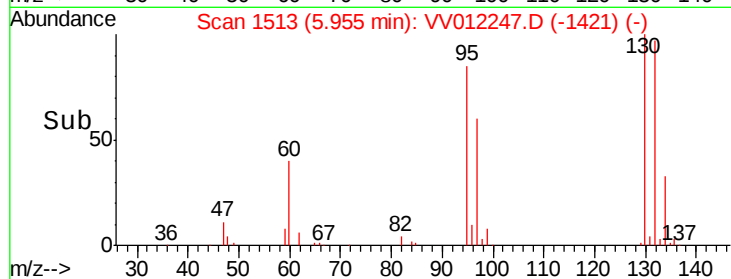
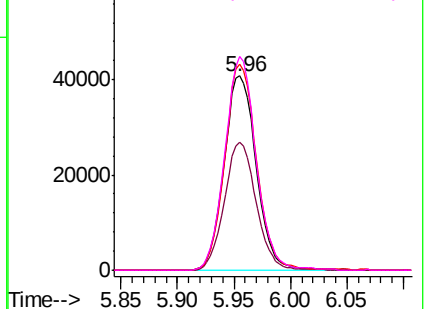


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 5.341 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

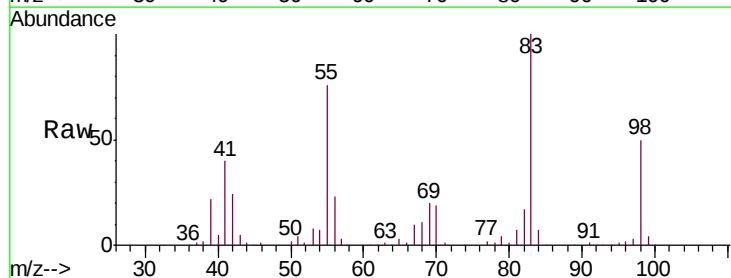
Tgt Ion: 83 Resp: 129399

Ion Ratio Lower Upper

83 100

55 74.5 62.2 93.2

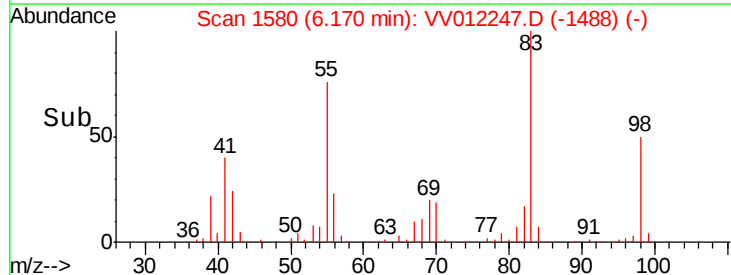
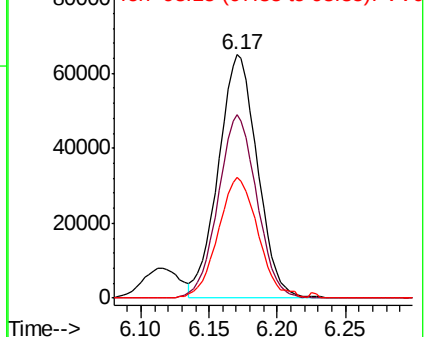
98 50.4 39.2 58.8

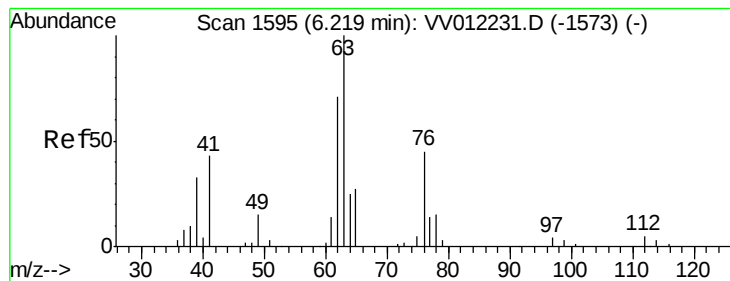


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 4.825 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampled :

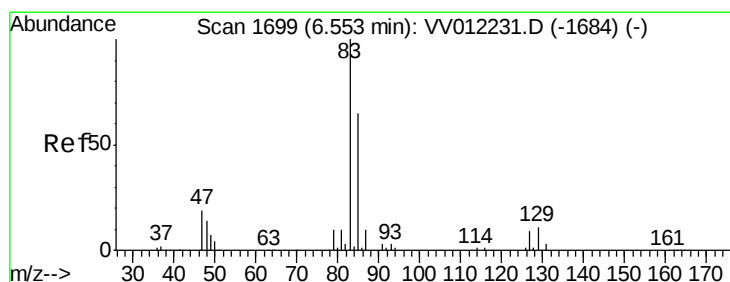
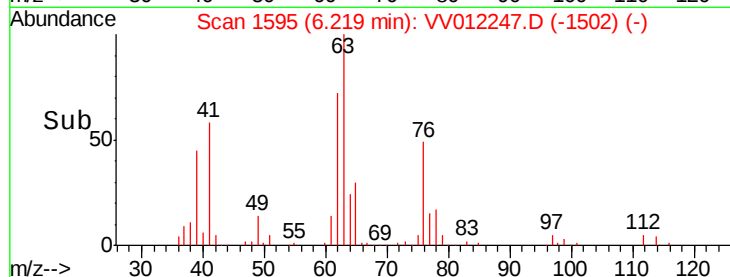
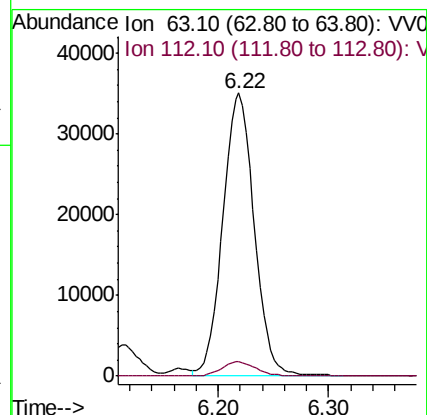
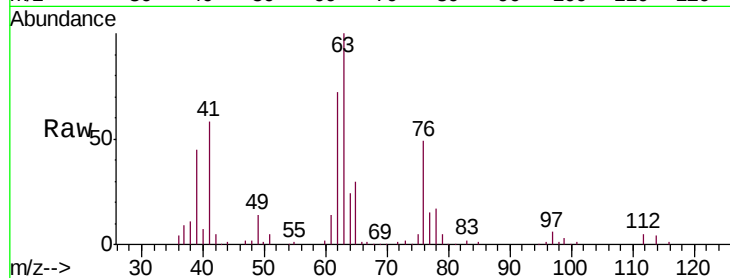
BFB48

Tgt Ion: 63 Resp: 69313

Ion Ratio Lower Upper

63 100

112 5.5 3.8 5.8



#38

Bromodichloromethane

Concen: 5.165 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

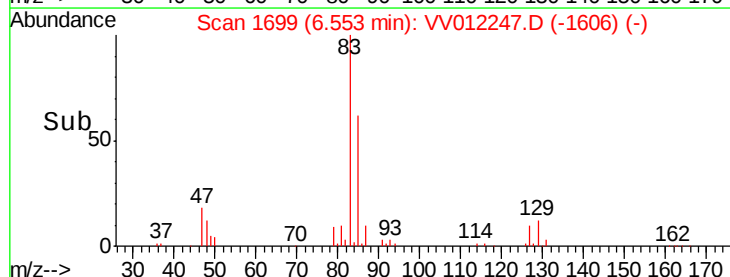
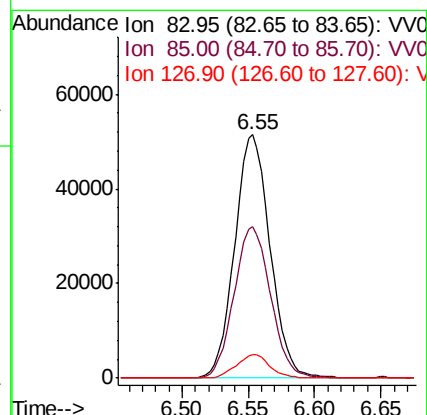
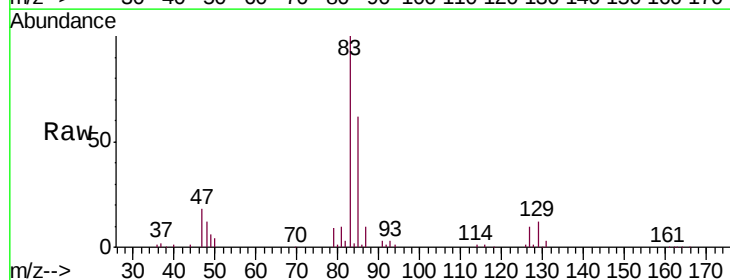
Tgt Ion: 83 Resp: 95584

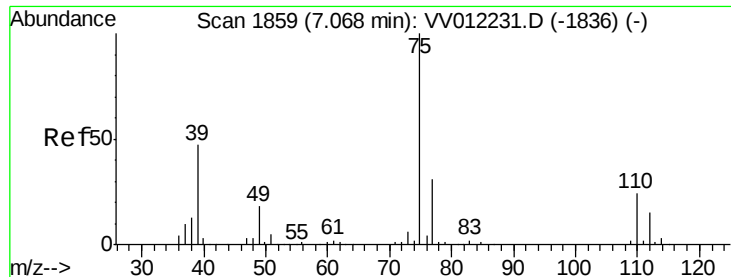
Ion Ratio Lower Upper

83 100

85 62.0 45.9 85.3

127 9.7 7.4 11.2

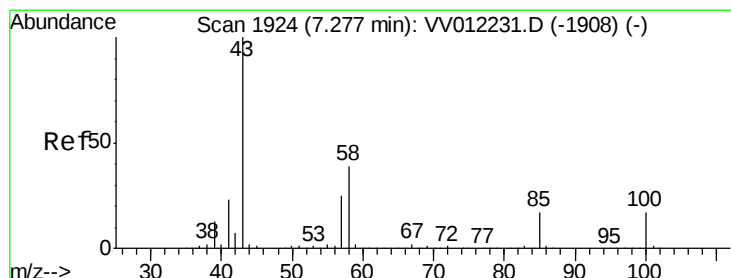
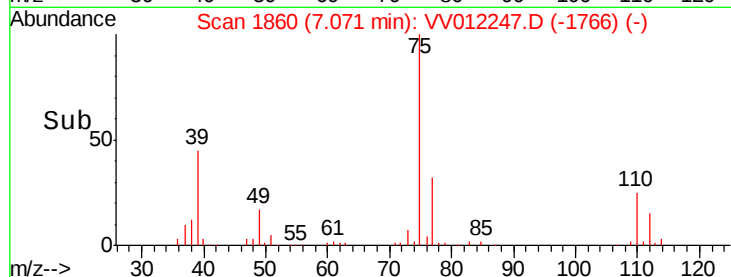
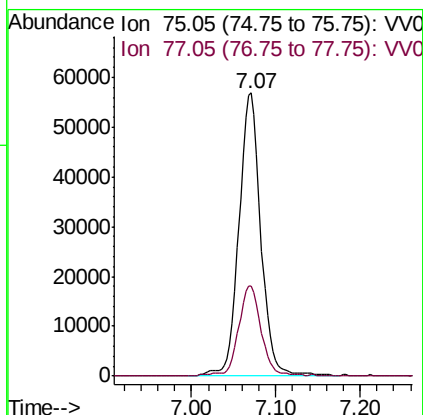
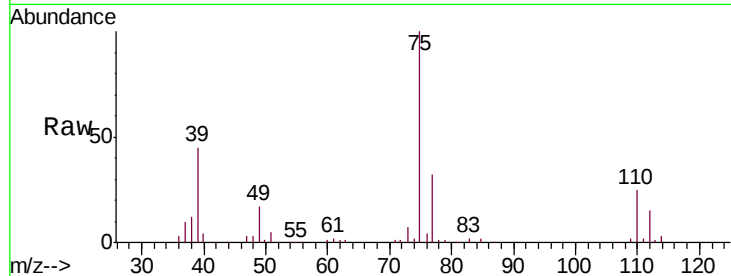




#39
 cis-1,3-Dichloropropene
 Concen: 5.247 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

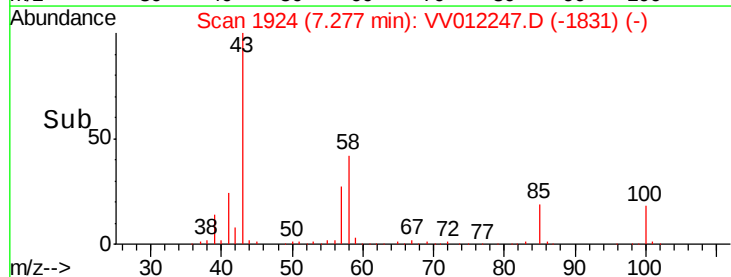
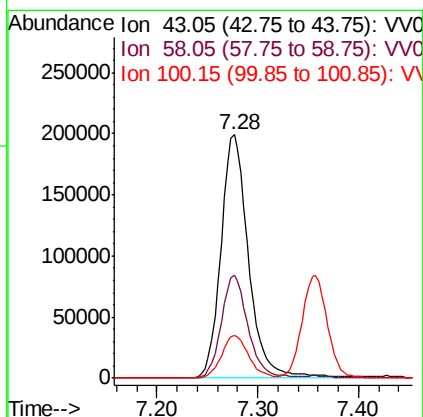
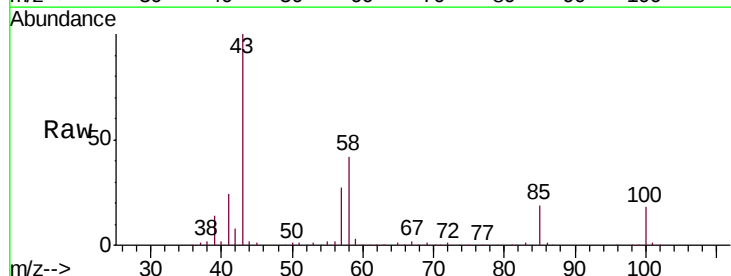
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB48

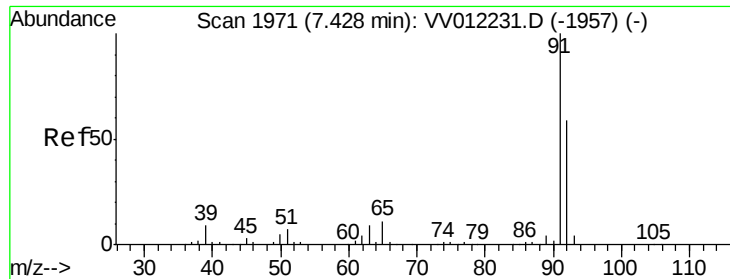
Tgt Ion: 75 Resp: 103800
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 48.201 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion: 43 Resp: 380629
 Ion Ratio Lower Upper
 43 100
 58 40.8 30.7 46.1
 100 17.4 12.5 18.7





#42

Toluene

Concen: 5.227 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

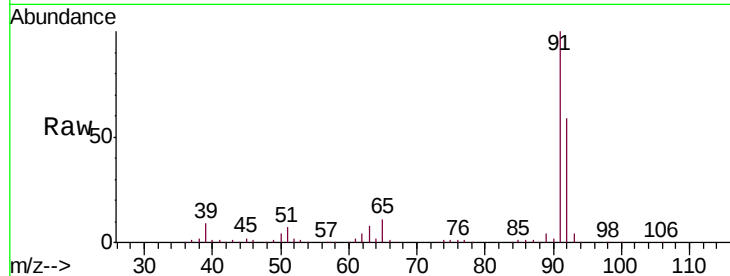
BFB48

Tgt Ion: 91 Resp: 320158

Ion Ratio Lower Upper

91 100

92 59.0 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

200000

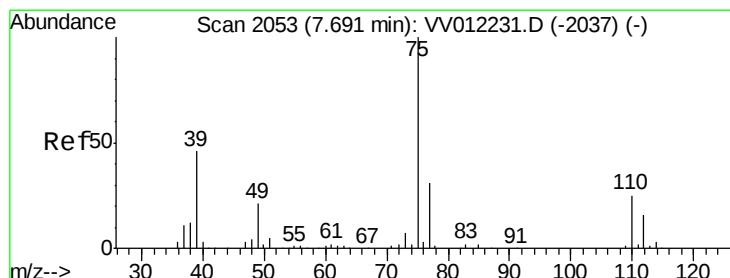
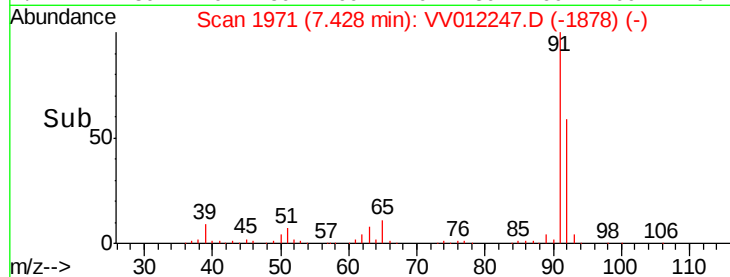
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.238 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV012247.D

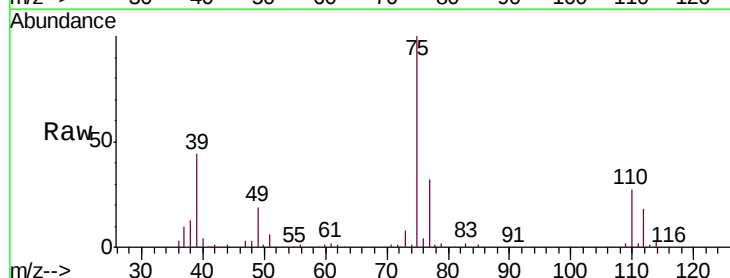
Acq: 15 Aug 2019 13:13

Tgt Ion: 75 Resp: 81528

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.69

50000

40000

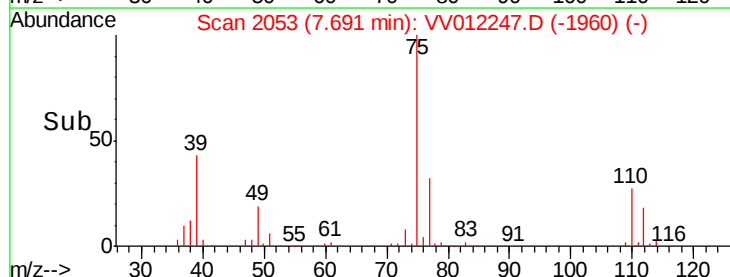
30000

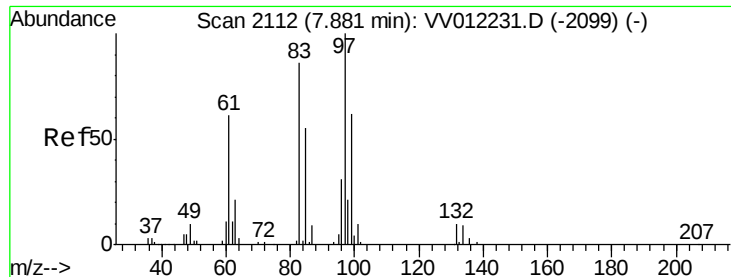
20000

10000

0

Time-->

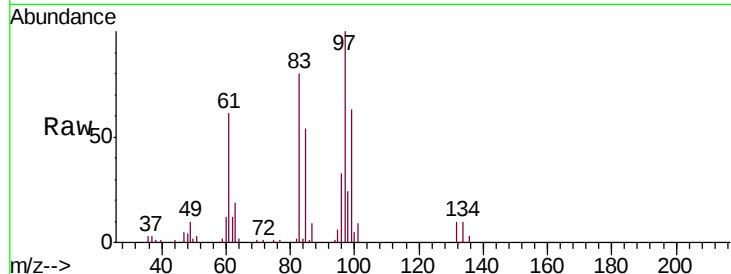




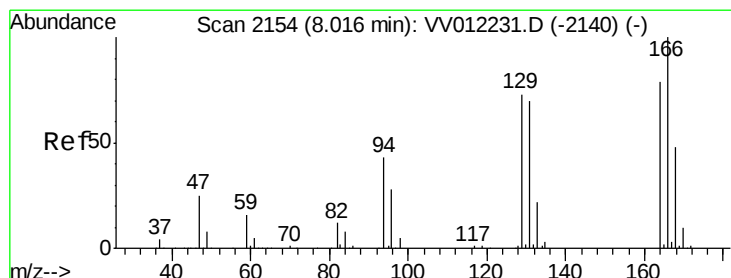
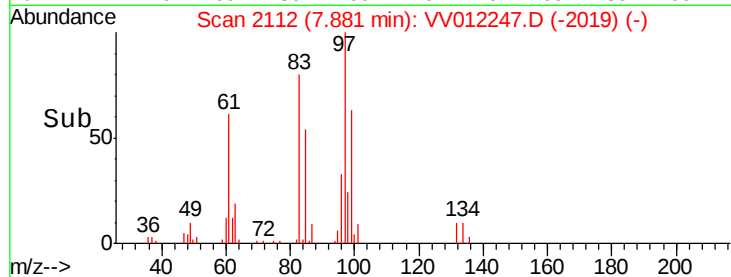
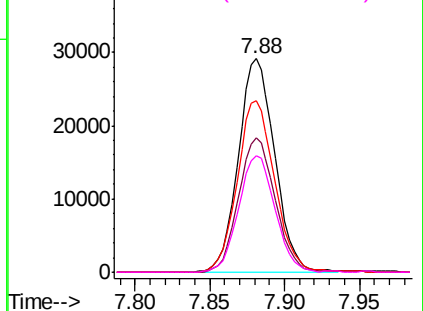
#45
 1,1,2-Trichloroethane
 Concen: 5.153 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB48

Tgt Ion:	97	Resp:	49373
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.4	84.2
83	80.4	60.1	111.5
85	54.5	39.8	73.8

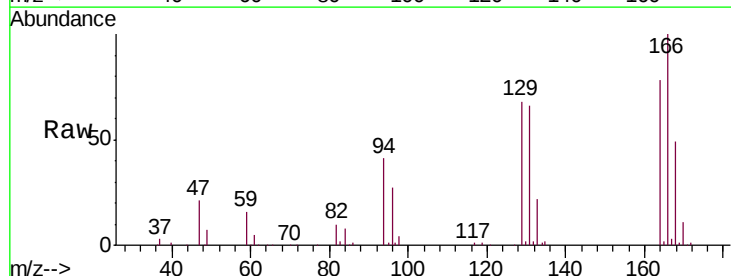


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

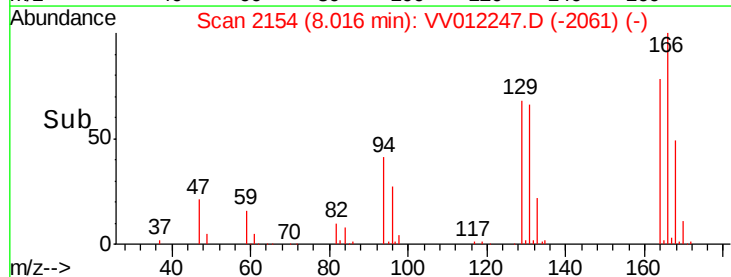
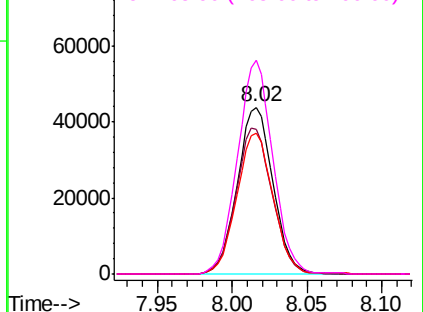


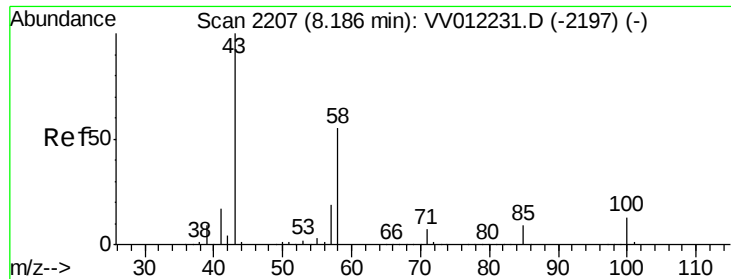
#47
 Tetrachloroethene
 Concen: 5.645 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion:	164	Resp:	72554
Ion	Ratio	Lower	Upper
164	100		
129	86.6	65.8	122.2
131	84.9	61.9	114.9
166	128.2	88.3	164.1



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

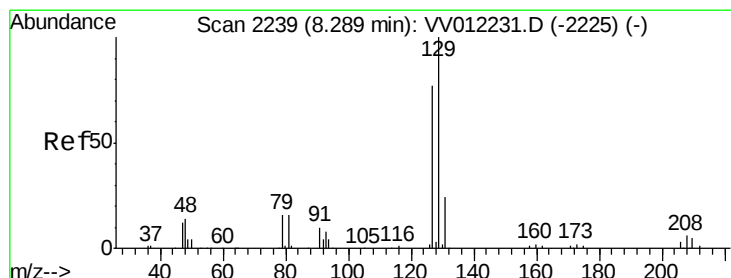
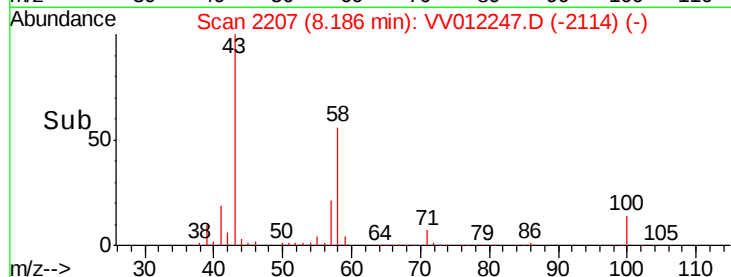
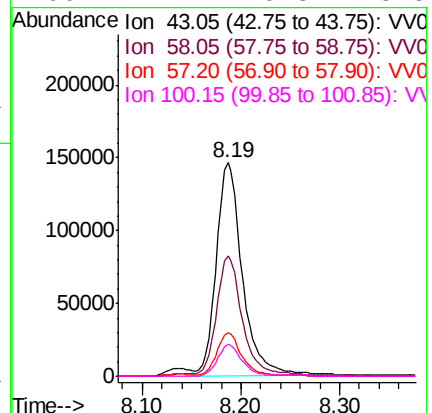
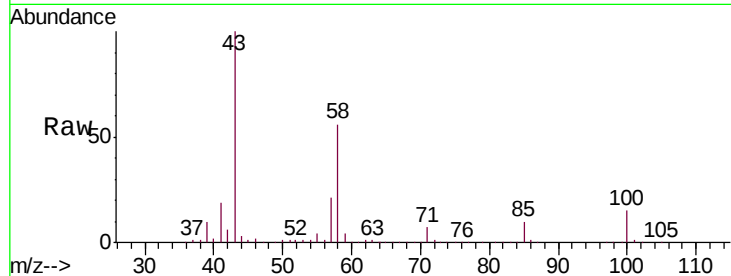




#48
2-Hexanone
Concen: 48.642 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

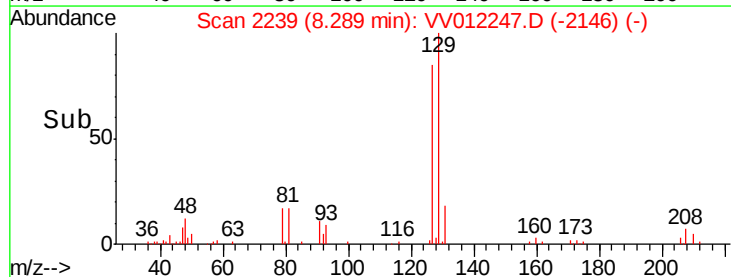
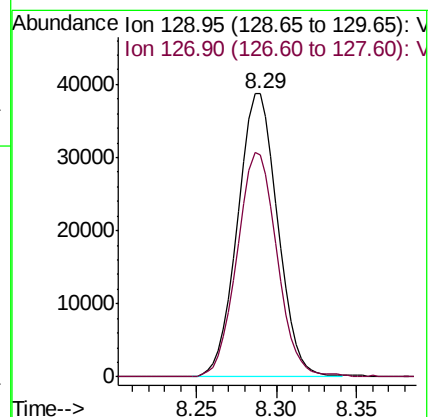
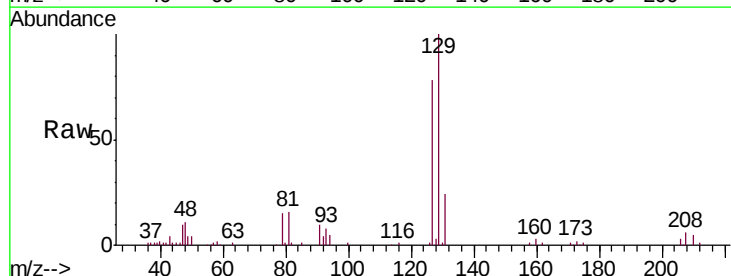
Instrument :
MSVOA_V
ClientSampleId :
BFB48

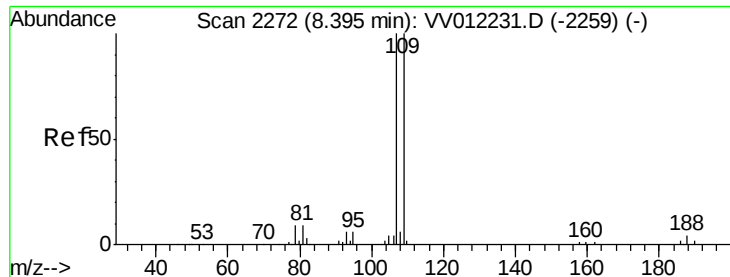
Tgt Ion: 43 Resp: 270731
Ion Ratio Lower Upper
43 100
58 56.3 43.0 64.4
57 19.7 14.9 22.3
100 14.2 10.3 15.5



#49
Dibromochloromethane
Concen: 5.556 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion: 129 Resp: 66081
Ion Ratio Lower Upper
129 100
127 78.4 51.0 94.8

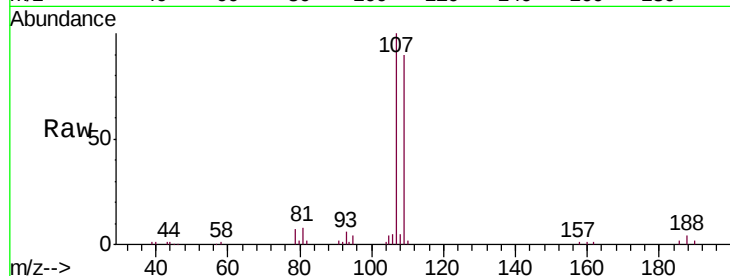




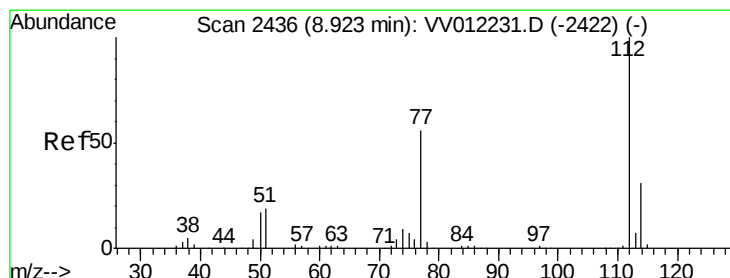
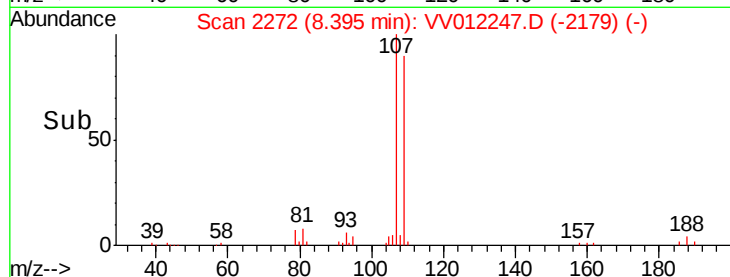
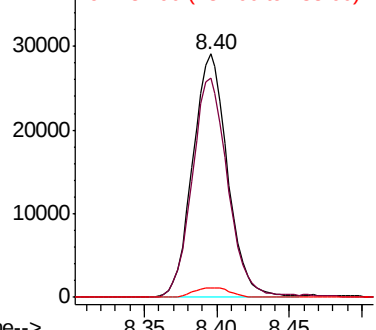
#50
1,2-Dibromoethane
Concen: 5.237 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Instrument :
MSVOA_V
ClientSampleId :
BFB48

Tgt Ion:107 Resp: 48469
Ion Ratio Lower Upper
107 100
109 89.8 67.3 125.1
188 4.0 3.4 5.0

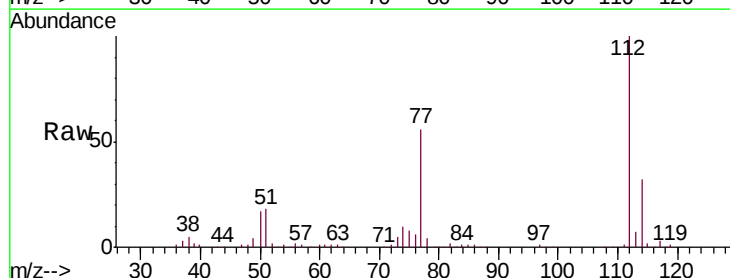


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

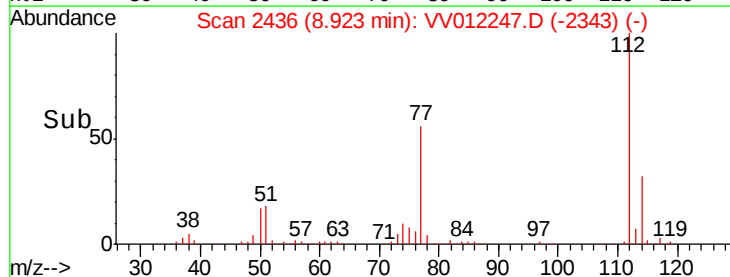
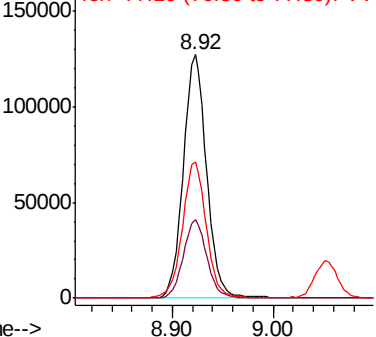


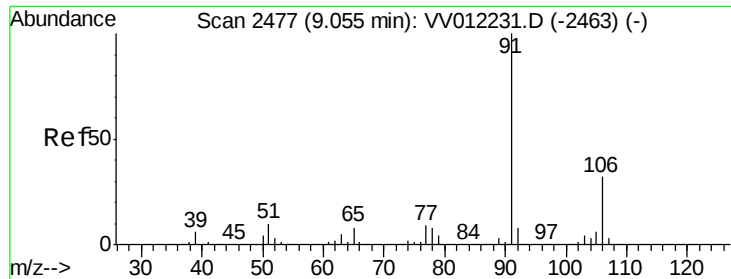
#51
Chlorobenzene
Concen: 5.196 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion:112 Resp: 206058
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 55.6 45.4 68.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

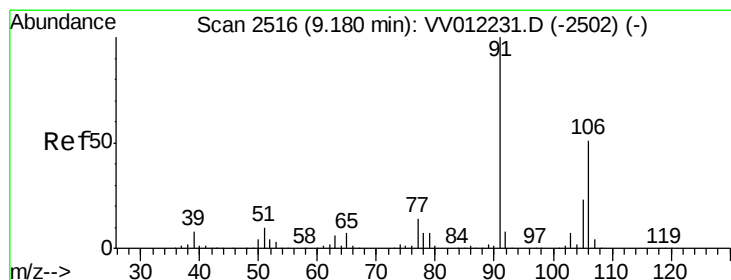
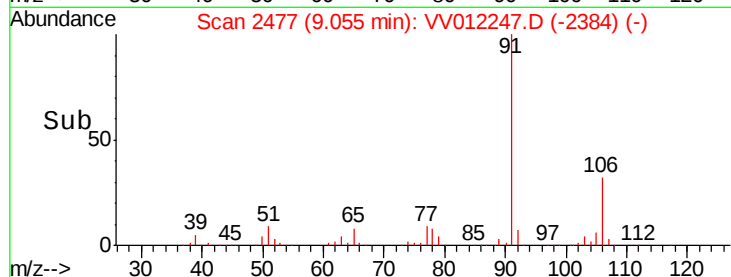
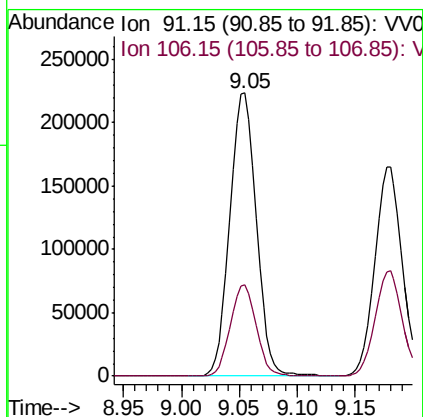
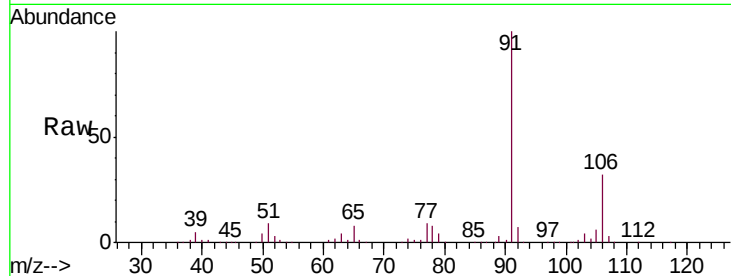




#52
Ethylbenzene
Concen: 5.408 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

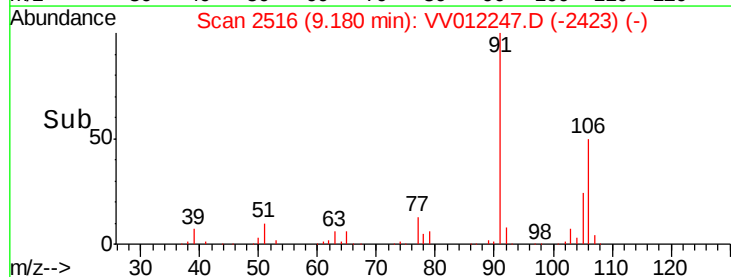
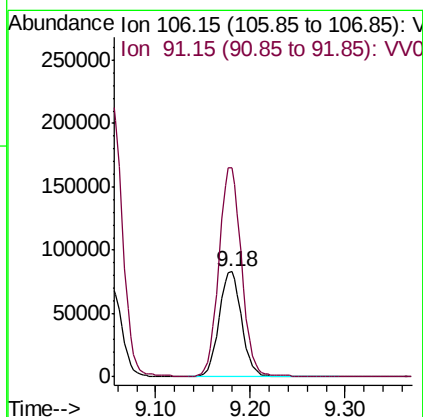
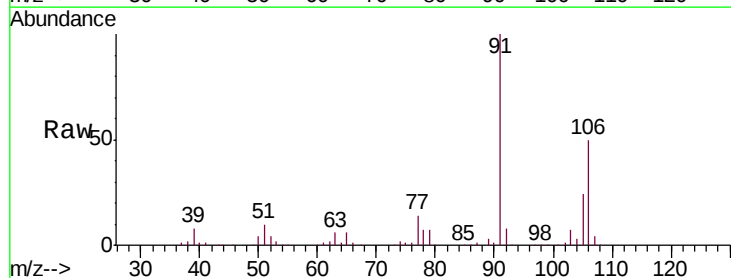
Instrument :
MSVOA_V
ClientSampleId :
BFB48

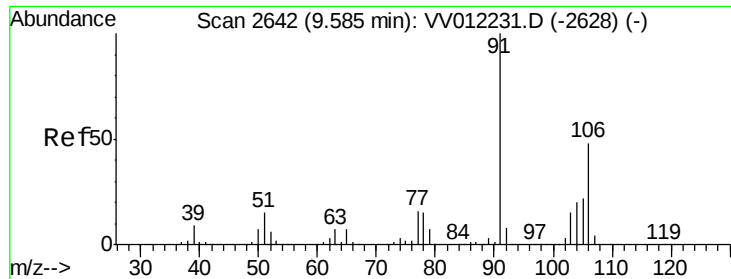
Tgt Ion: 91 Resp: 352991
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#53
m,p-xylene
Concen: 5.512 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion: 106 Resp: 138151
Ion Ratio Lower Upper
106 100
91 198.5 137.5 255.3

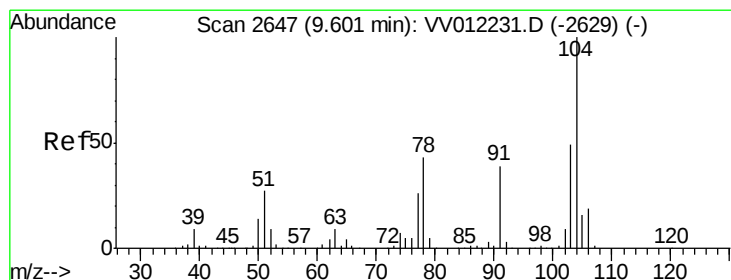
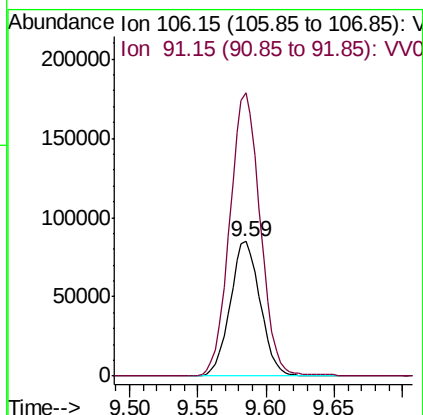
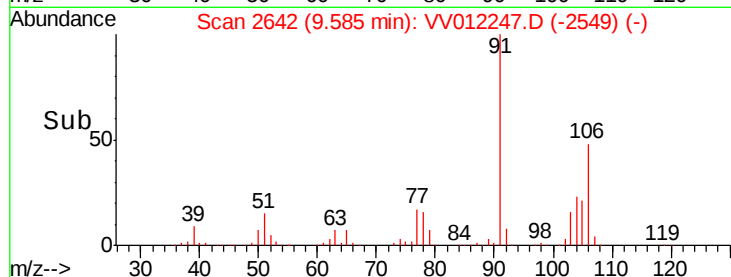
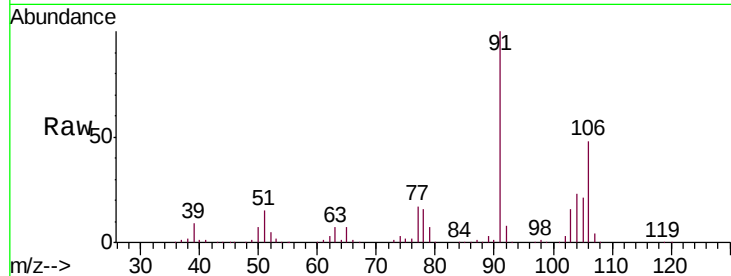




#54
o-xylene
Concen: 5.498 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

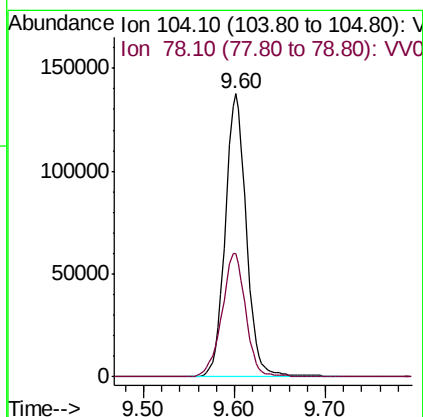
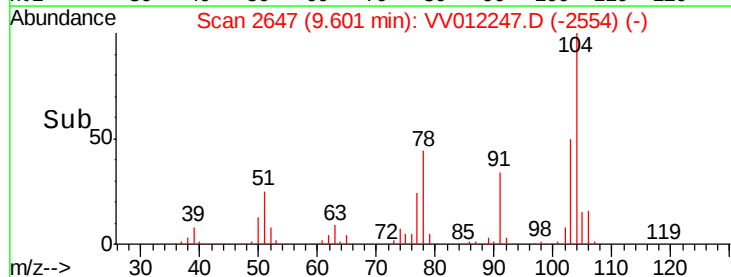
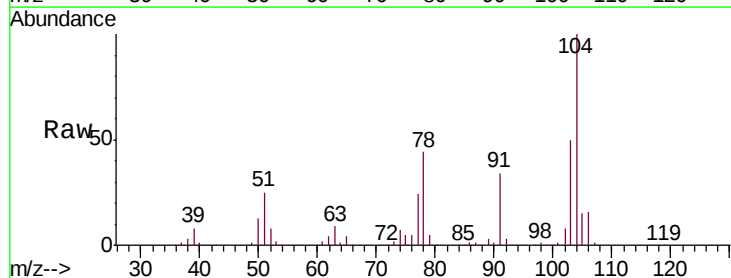
Instrument :
MSVOA_V
ClientSampled :
BFB48

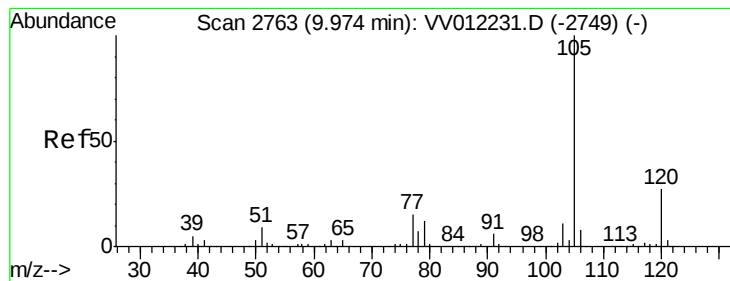
Tgt Ion:106 Resp: 130408
Ion Ratio Lower Upper
106 100
91 210.5 151.1 280.7



#55
Styrene
Concen: 5.617 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV012247.D
Acq: 15 Aug 2019 13:13

Tgt Ion:104 Resp: 222666
Ion Ratio Lower Upper
104 100
78 43.7 30.3 56.3





#56

Isopropylbenzene

Concen: 5.670 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

BFB48

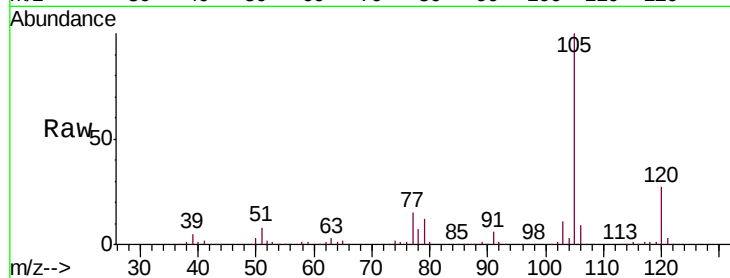
Tgt Ion: 105 Resp: 359678

Ion Ratio Lower Upper

105 100

120 26.6 22.0 33.0

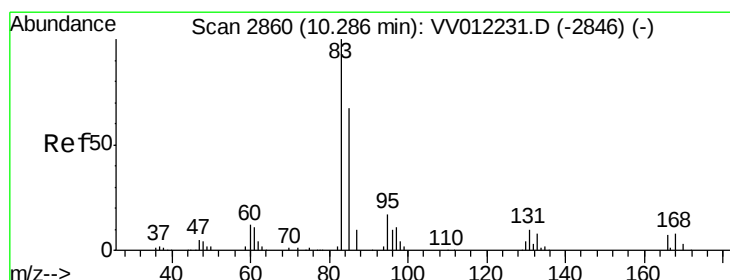
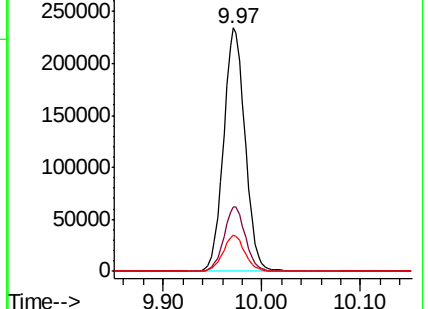
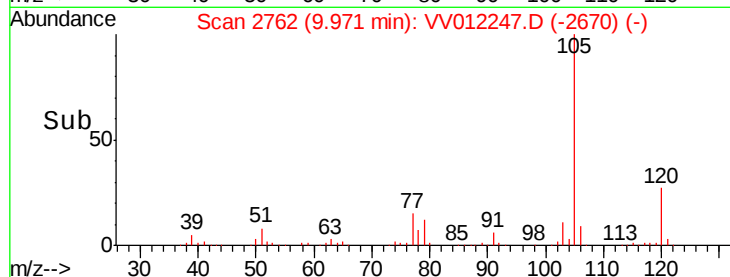
77 15.1 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.795 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

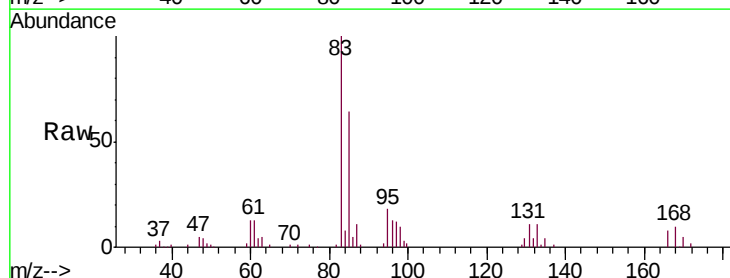
Tgt Ion: 83 Resp: 53299

Ion Ratio Lower Upper

83 100

85 63.7 45.0 83.6

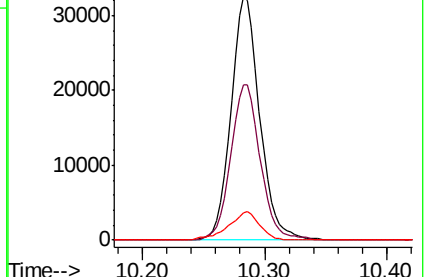
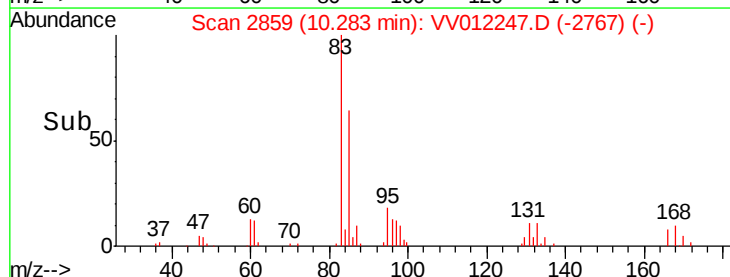
131 11.1 8.3 12.5

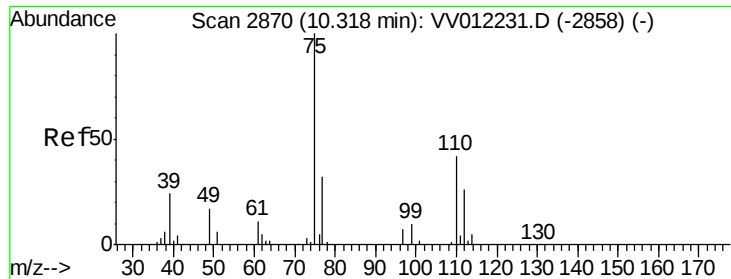


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

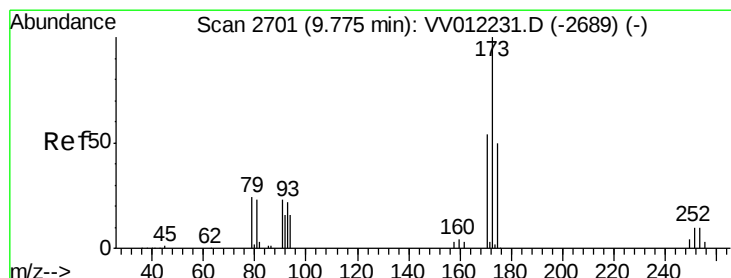
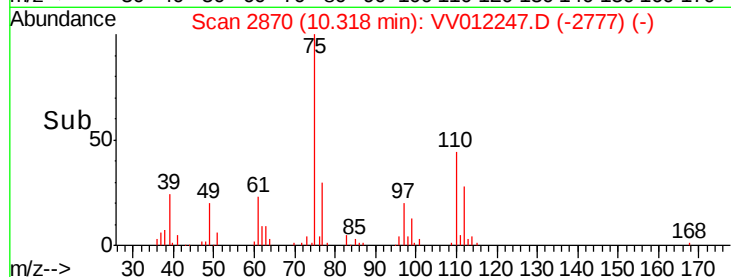
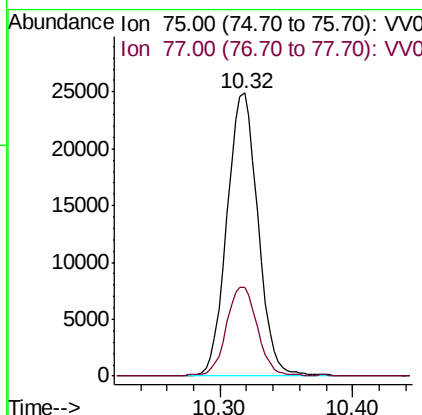
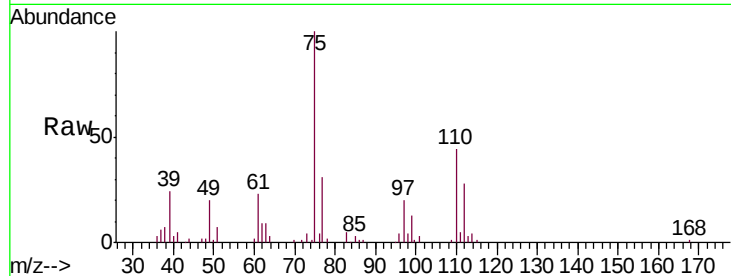




#59
 1,2,3-Trichloropropane
 Concen: 4.980 ug/L
 RT: 10.32 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

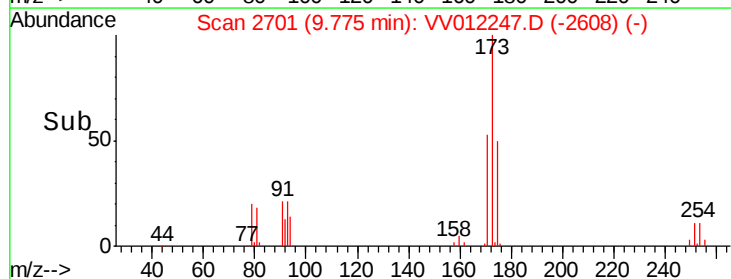
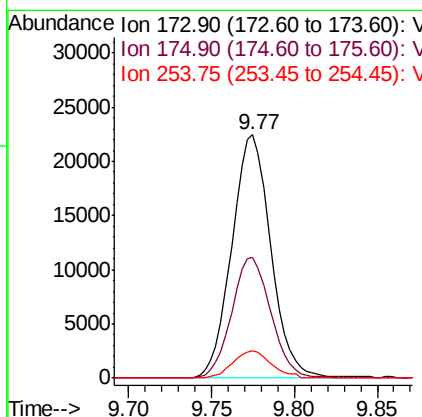
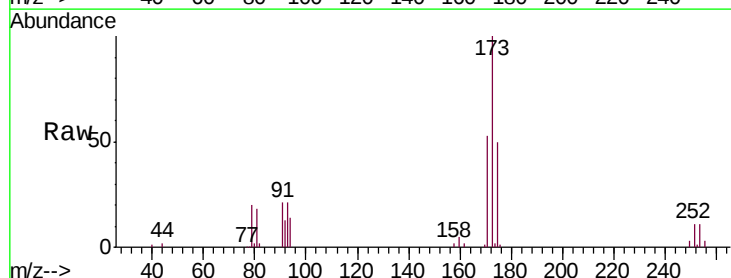
Instrument :
 MSVOA_V
 ClientSampled :
 BFB48

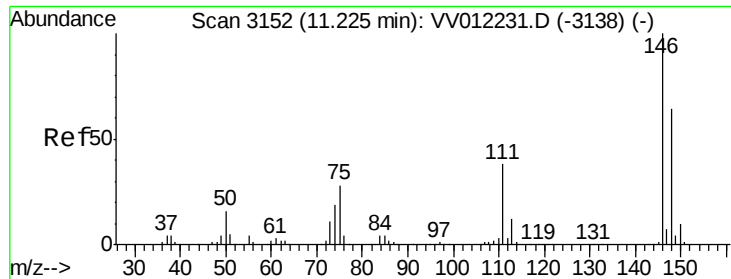
Tgt Ion: 75 Resp: 40585
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#61
 Bromoform
 Concen: 5.683 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion: 173 Resp: 36688
 Ion Ratio Lower Upper
 173 100
 175 49.8 38.8 58.2
 254 10.9 7.6 11.4





#62

1,3-Dichlorobenzene

Concen: 5.307 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

Instrument :

MSVOA_V

ClientSampled :

BFB48

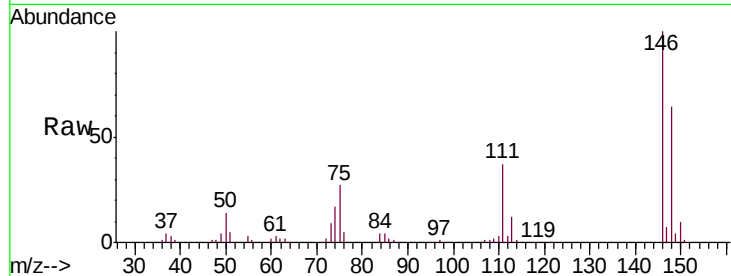
Tgt Ion:146 Resp: 176871

Ion Ratio Lower Upper

146 100

111 37.2 26.9 50.1

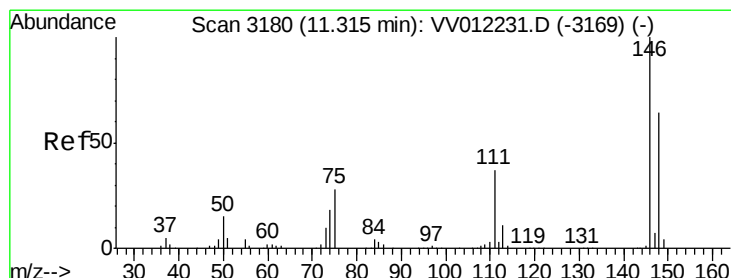
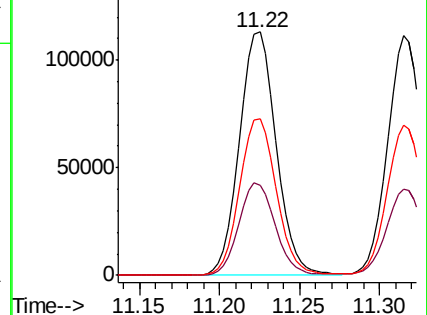
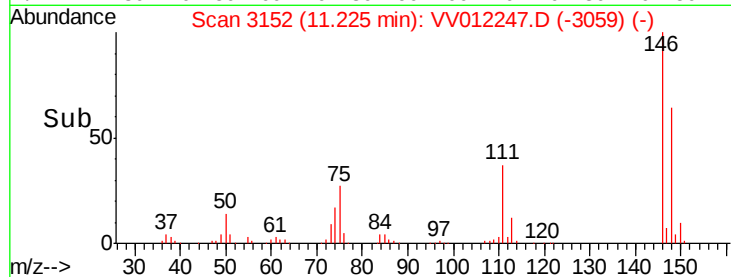
148 64.3 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.259 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012247.D

Acq: 15 Aug 2019 13:13

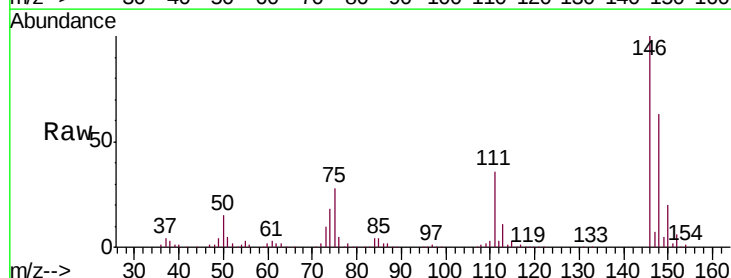
Tgt Ion:146 Resp: 174704

Ion Ratio Lower Upper

146 100

111 36.1 27.0 50.2

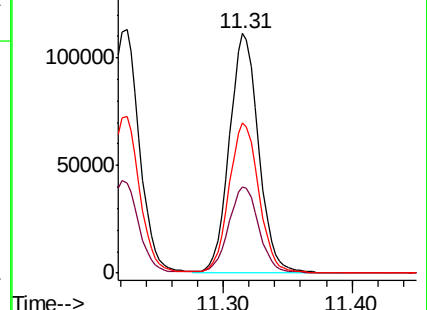
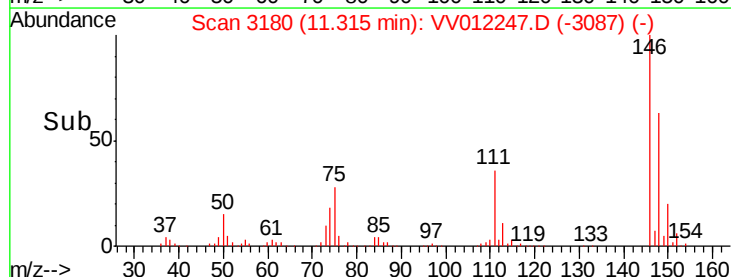
148 62.5 44.5 82.7

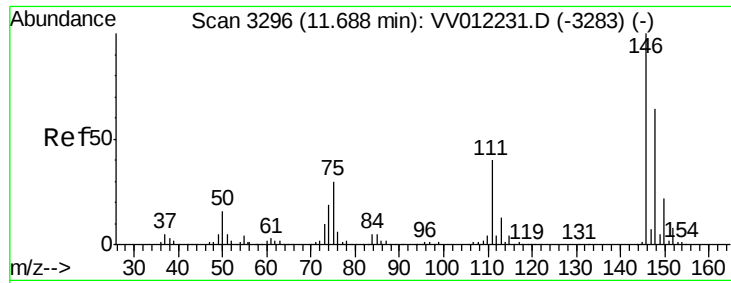


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

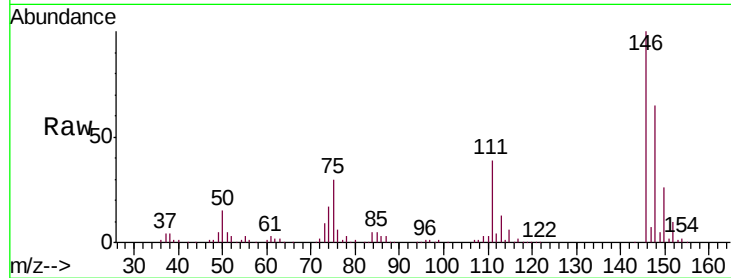




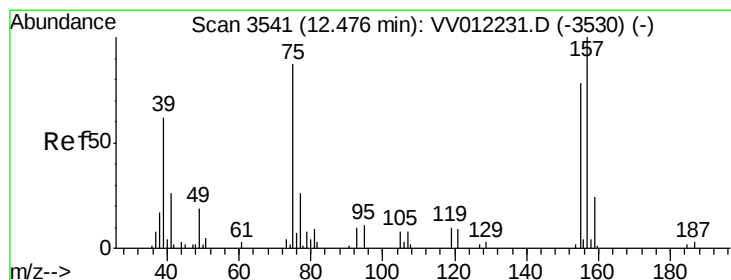
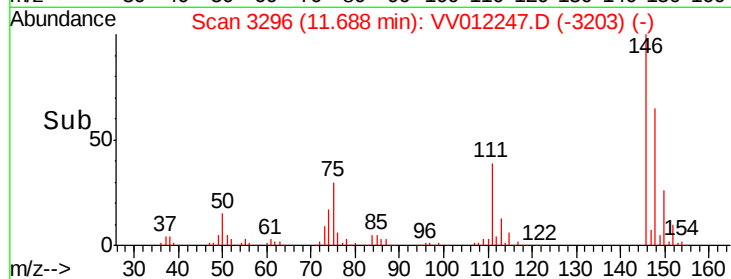
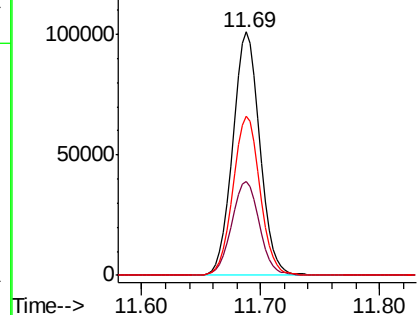
#65
 1,2-Dichlorobenzene
 Concen: 5.207 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Instrument :
 MSVOA_V
 ClientSampled :
 BFB48

Tgt Ion:146 Resp: 159237
 Ion Ratio Lower Upper
 146 100
 111 38.6 33.0 49.4
 148 65.2 51.1 76.7

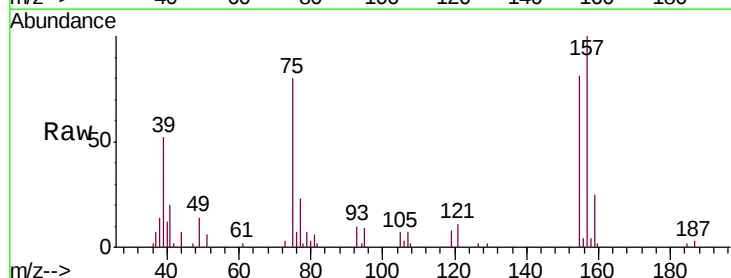


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.488 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV012247.D
 Acq: 15 Aug 2019 13:13

Tgt Ion: 75 Resp: 8739
 Ion Ratio Lower Upper
 75 100
 155 100.7 70.8 106.2
 157 125.1 83.5 125.3



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

