

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018267.D
 Acq On : 17 Sep 2020 03:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:37:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306733	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102071	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.66%
7) Chloroethane-d5	1.58	69	84487	41.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.12	63	196592	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
21) 2-Butanone-d5	3.91	46	128231	83.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.81%
24) Chloroform-d	4.38	84	187477	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
26) 1,2-Dichloroethane-d4	5.06	65	119242	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
32) Benzene-d6	5.08	84	368079	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
36) 1,2-Dichloropropane-d6	6.09	67	115863	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.76%
41) Toluene-d8	7.34	98	344479	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.64	79	57274	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
47) 2-Hexanone-d5	8.11	63	95679	91.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	156905	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	143881	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100330	44.857	ug/L 99
3) Chloromethane	1.25	50	112861	46.211	ug/L 99
5) Vinyl chloride	1.32	62	112841	45.056	ug/L 100
6) Bromomethane	1.53	94	69474	45.385	ug/L 100
8) Chloroethane	1.60	64	72898	46.465	ug/L 100
9) Trichlorofluoromethane	1.77	101	157921	45.829	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95953	46.358	ug/L 99
12) 1,1-Dichloroethene	2.13	96	91914	45.638	ug/L 94
13) Acetone	2.19	43	90760	74.078	ug/L 97
14) Carbon disulfide	2.31	76	272567	44.228	ug/L 100
15) Methyl Acetate	2.45	43	100803	45.782	ug/L 100
16) Methylene chloride	2.52	84	103274	45.722	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	95132	45.834	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	293639	45.734	ug/L 100
19) 1,1-Dichloroethane	3.21	63	181805	46.328	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	102177	46.052	ug/L 98
22) 2-Butanone	4.00	43	130629	90.039	ug/L 97

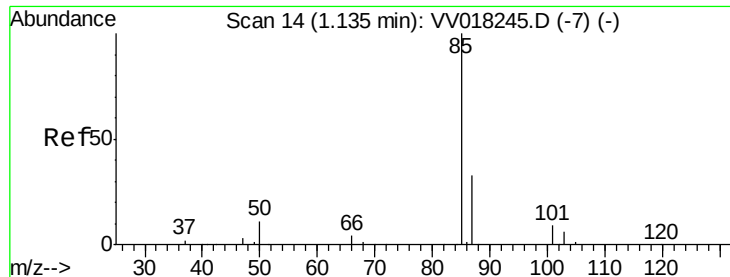
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
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 Acq On : 17 Sep 2020 03:50
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54018	46.532	ug/L	99
25) Chloroform	4.40	83	183933	46.109	ug/L	100
27) 1,2-Dichloroethane	5.16	62	144972	46.945	ug/L	99
29) Cyclohexane	4.70	56	160921	45.822	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	160625	45.509	ug/L	99
31) Carbon tetrachloride	4.86	117	141653	45.642	ug/L	98
33) Benzene	5.13	78	403450	46.398	ug/L	100
34) Trichloroethene	5.94	95	103218	43.575	ug/L	99
35) Methylcyclohexane	6.16	83	163043	45.715	ug/L	99
37) 1,2-Dichloropropane	6.20	63	107992	46.868	ug/L	100
38) Bromodichloromethane	6.53	83	136031	45.366	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	156781	44.161	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	262313	93.839	ug/L	100
42) Toluene	7.41	91	434084	47.172	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	153693	44.462	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	100316	46.971	ug/L	99
46) Tetrachloroethene	8.00	164	85310	45.933	ug/L	99
48) 2-Hexanone	8.16	43	201914	91.621	ug/L	99
49) Dibromochloromethane	8.27	129	111359	46.452	ug/L	100
50) 1,2-Dibromoethane	8.37	107	105079	46.749	ug/L	98
51) Chlorobenzene	8.90	112	277765	46.479	ug/L	99
52) Ethylbenzene	9.03	91	475119	47.292	ug/L	100
53) m,p-Xylene	9.16	106	181015	48.272	ug/L	98
54) o-xylene	9.57	106	171877	47.577	ug/L	100
55) Styrene	9.58	104	309176	49.239	ug/L	100
56) Isopropylbenzene	9.95	105	466596	47.924	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	158524	50.179	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	128956	47.583	ug/L	99
61) Bromoform	9.75	173	82422	46.165	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	229171	46.373	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	235545	46.371	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	229986	46.042	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	34536	48.995	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	175958	45.164	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	161213	46.468	ug/L	99
69) Naphthalene	13.52	128	469757	53.512	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166252	48.654	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 44.857 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

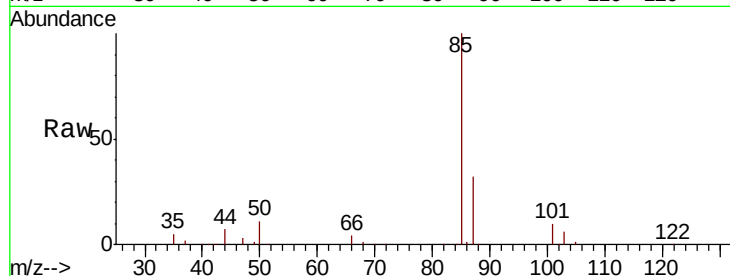
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 100330

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018245.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV018245.D (-7) (-)

1.14

120000

100000

80000

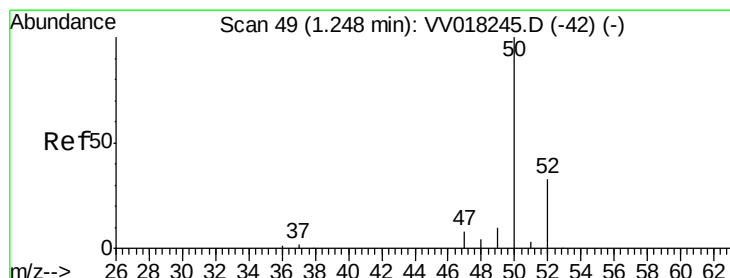
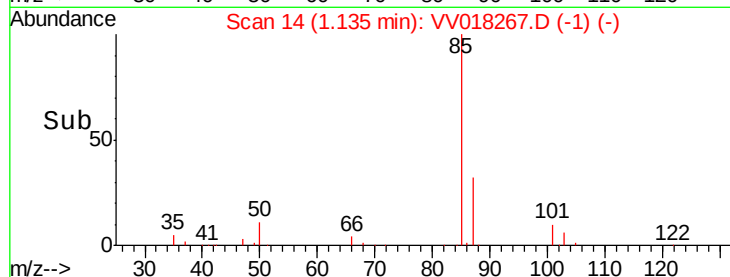
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 46.211 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018267.D

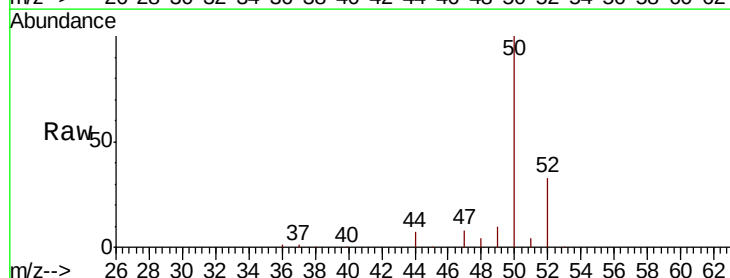
Acq: 17 Sep 2020 03:50

Tgt Ion: 50 Resp: 112861

Ion Ratio Lower Upper

50 100

52 33.0 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV018245.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018245.D (-42) (-)

1.25

120000

100000

80000

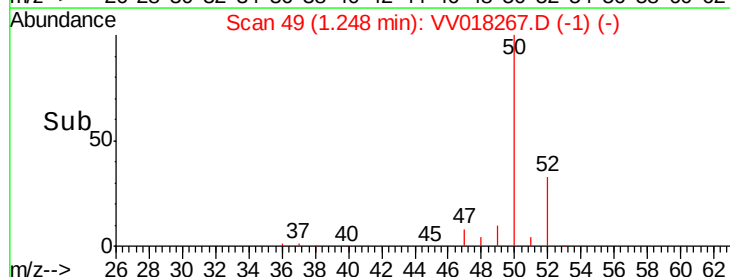
60000

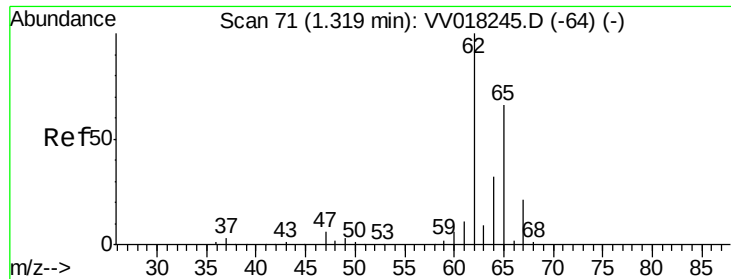
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 45.056 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

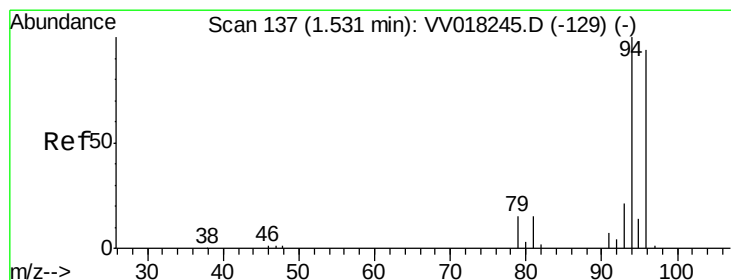
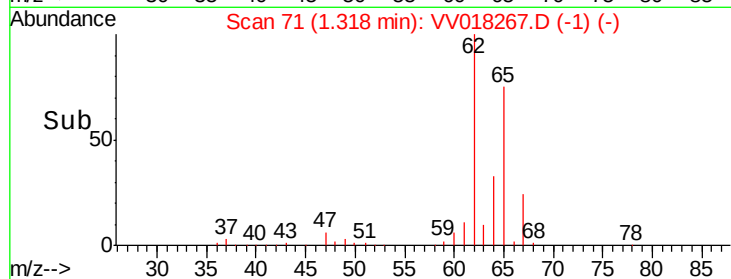
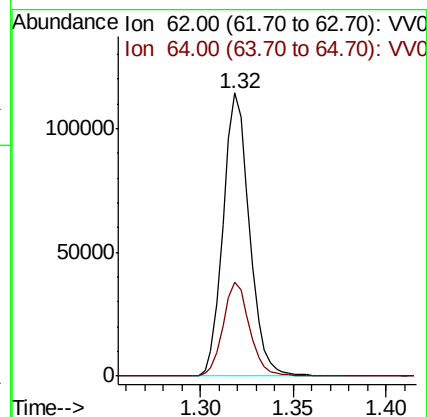
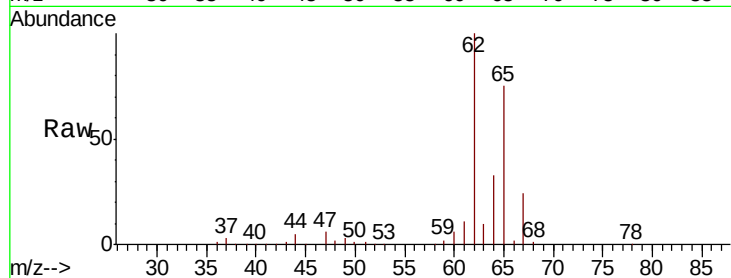
ClientSampled :

Tot Ion: 62 Resp: 112841

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 45.385 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV018267.D

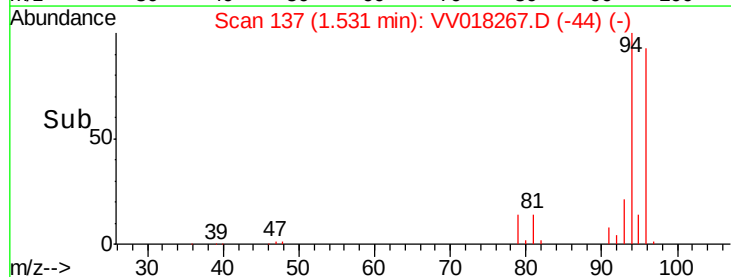
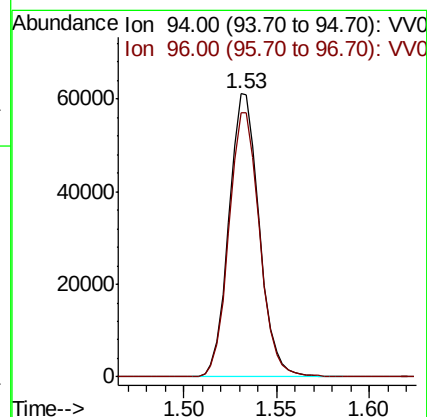
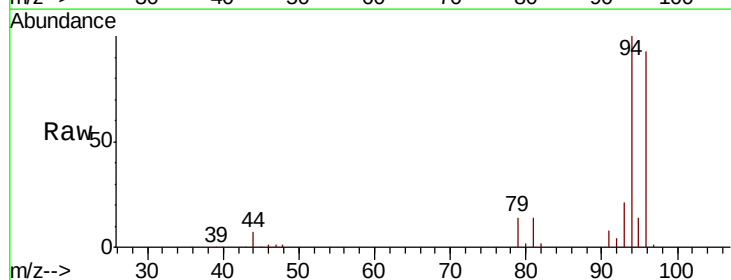
Acq: 17 Sep 2020 03:50

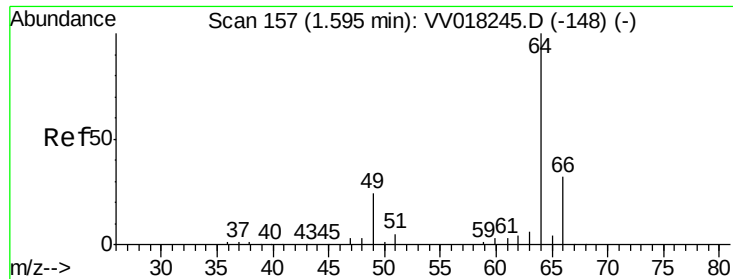
Tgt Ion: 94 Resp: 69474

Ion Ratio Lower Upper

94 100

96 93.5 65.1 120.9





#8

Chloroethane

Concen: 46.465 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

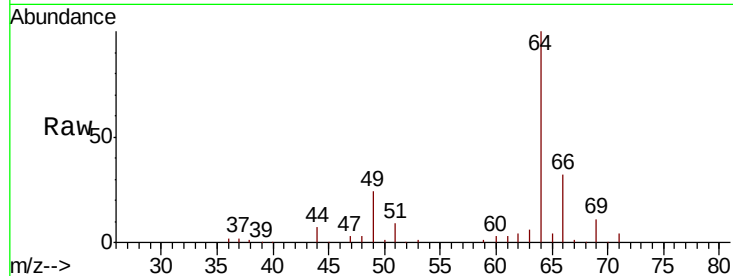
ClientSampleId :

Tot Ion: 64 Resp: 72898

Ion Ratio Lower Upper

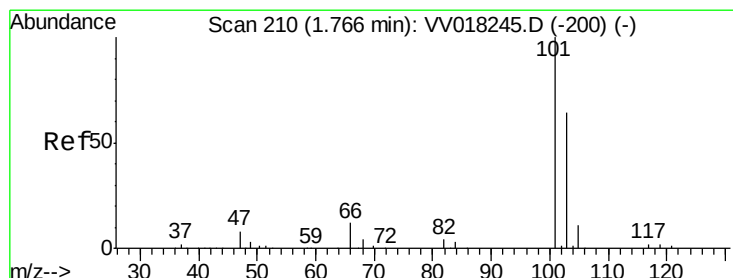
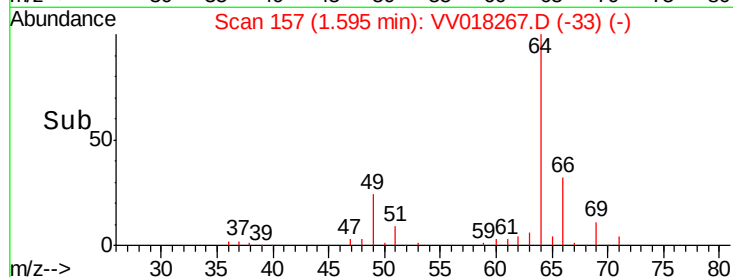
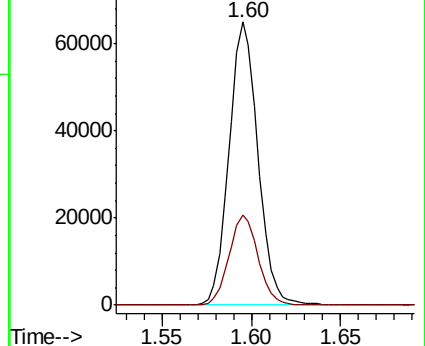
64 100

66 31.9 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV018245.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018245.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 45.829 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV018267.D

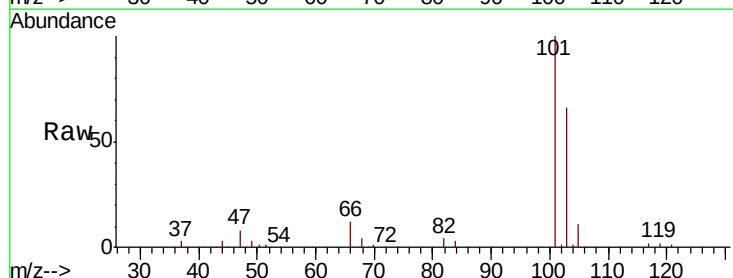
Acq: 17 Sep 2020 03:50

Tgt Ion: 101 Resp: 157921

Ion Ratio Lower Upper

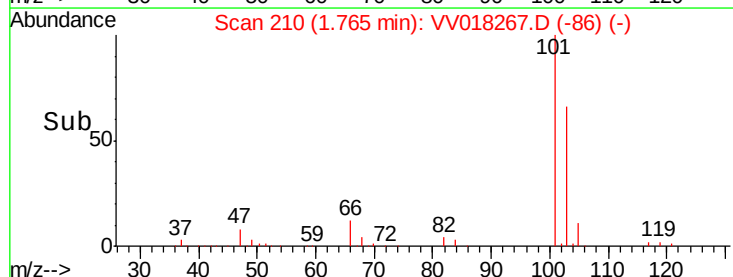
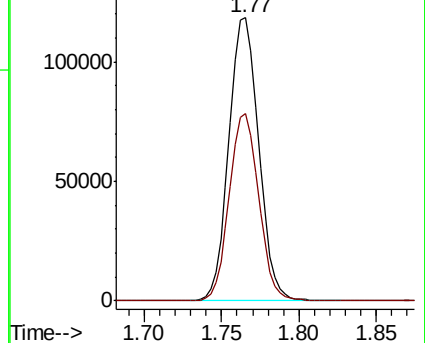
101 100

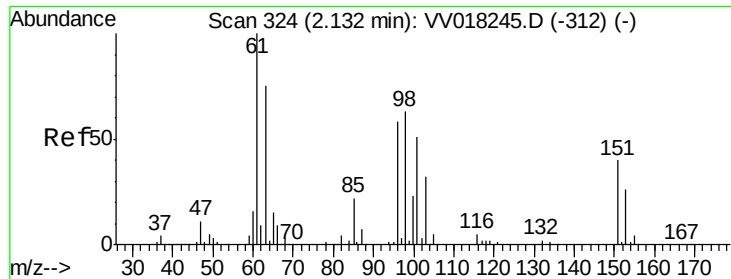
103 65.5 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV018245.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV018245.D (-200) (-)





#10

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

Concen: 46.358 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

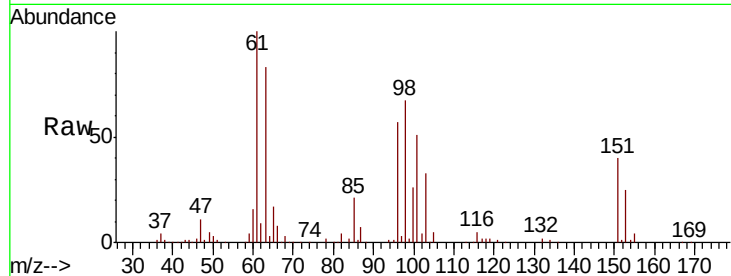
Tot Ion:101 Resp: 95953

Ion Ratio Lower Upper

101 100

85 41.6 33.5 50.3

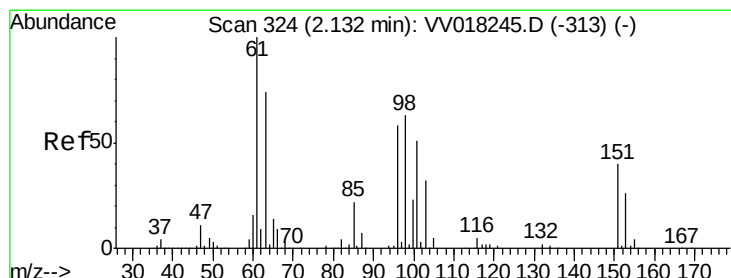
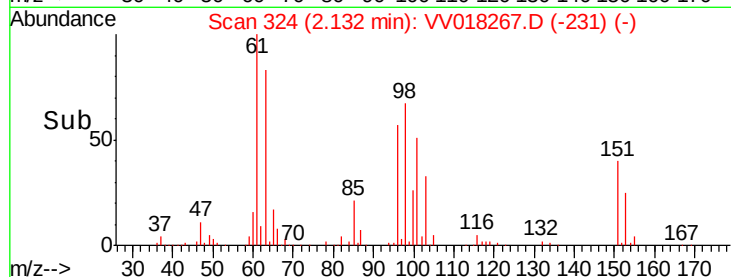
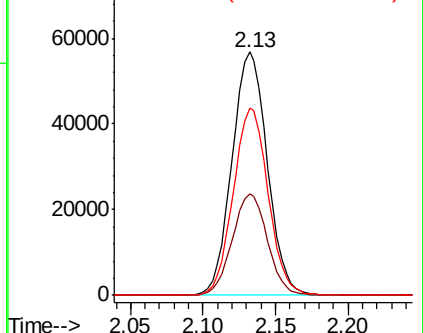
151 76.2 62.2 93.2



Abundance Ion 101.00 (100.70 to 101.70): VV018245.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV018245.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV018245.D (-312) (-)



#12

1,1-Dichloroethene

Concen: 45.638 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

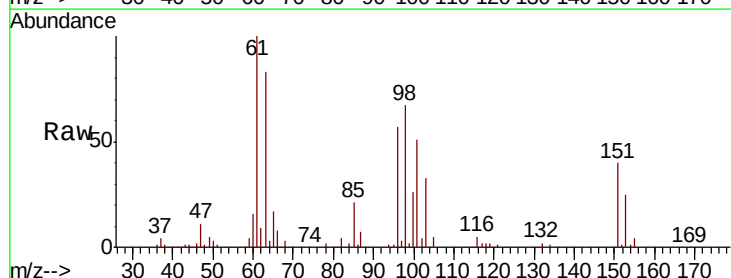
Tgt Ion: 96 Resp: 91914

Ion Ratio Lower Upper

96 100

61 174.8 122.9 228.3

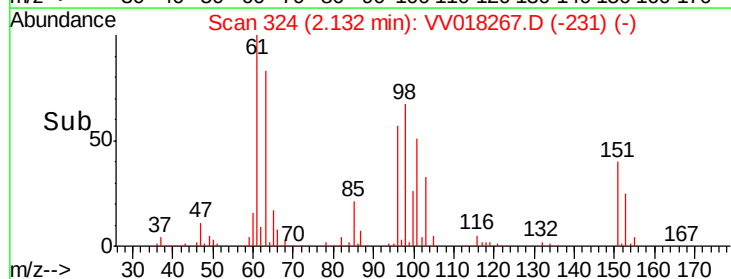
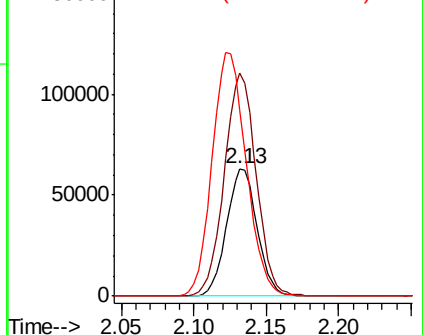
63 145.7 91.9 170.7

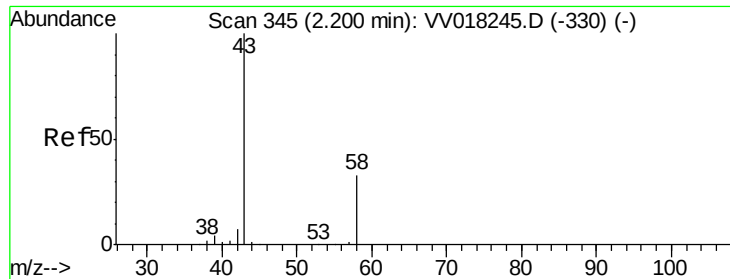


Abundance Ion 96.00 (95.70 to 96.70): VV018245.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV018245.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV018245.D (-313) (-)





#13

Acetone

Concen: 74.078 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

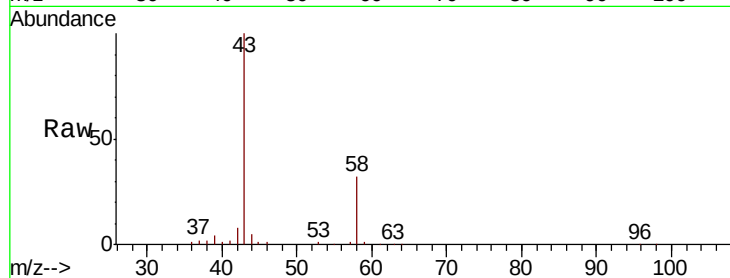
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 90760

Ion Ratio Lower Upper

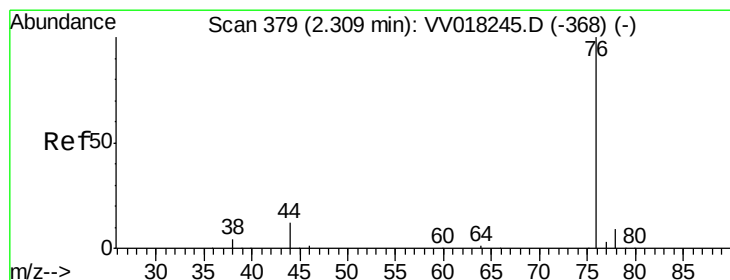
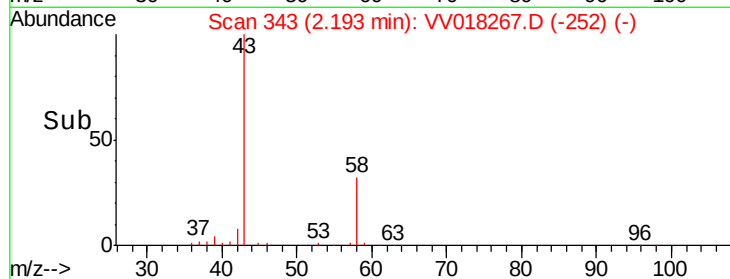
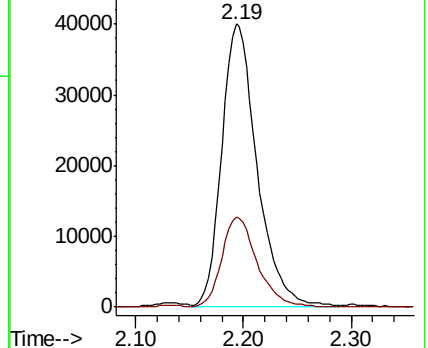
43 100

58 32.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018245.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018245.D (-330) (-)



#14

Carbon disulfide

Concen: 44.228 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018267.D

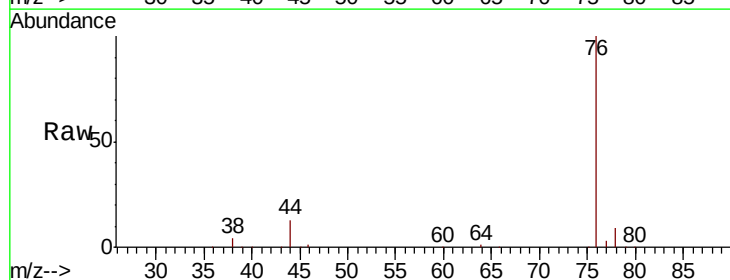
Acq: 17 Sep 2020 03:50

Tgt Ion: 76 Resp: 272567

Ion Ratio Lower Upper

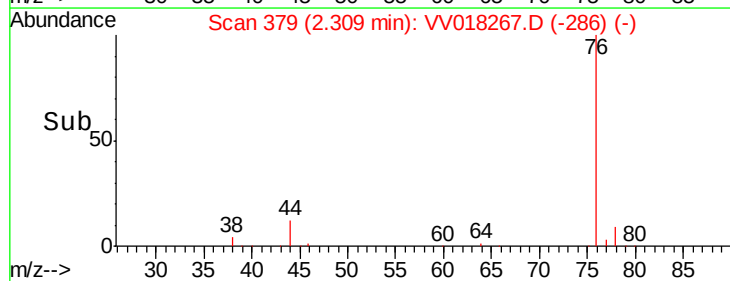
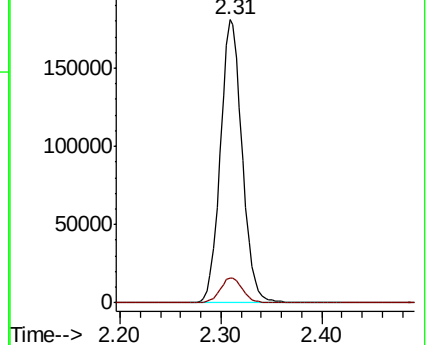
76 100

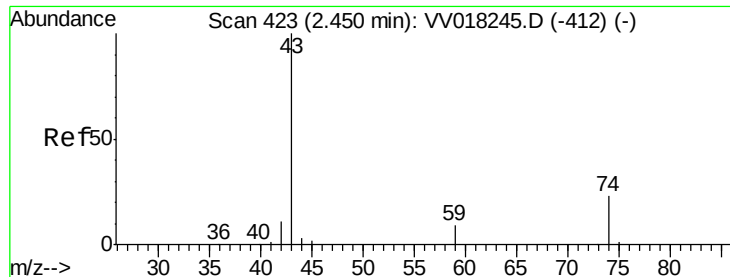
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV018245.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV018245.D (-368) (-)

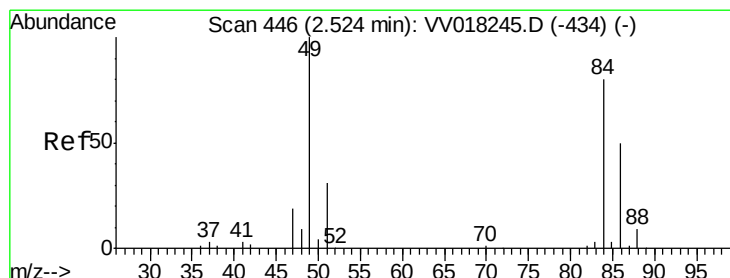
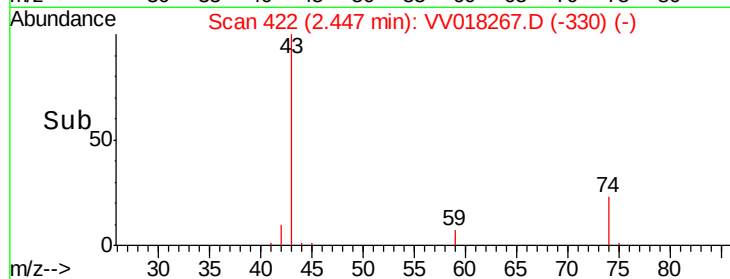
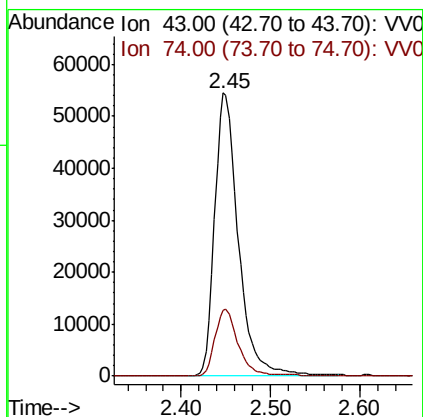
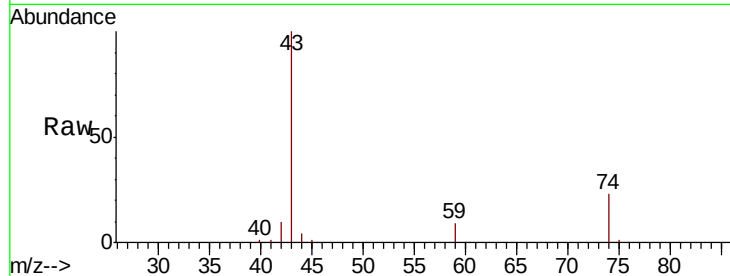




#15
Methvl Acetate
Concen: 45.782 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

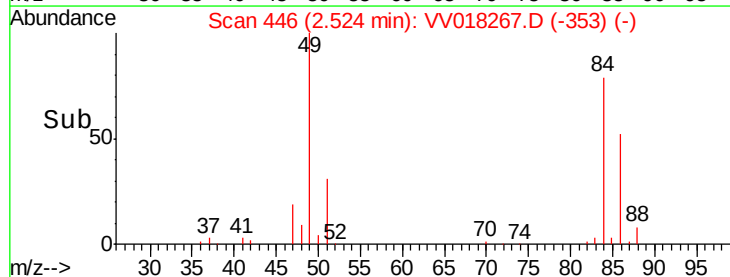
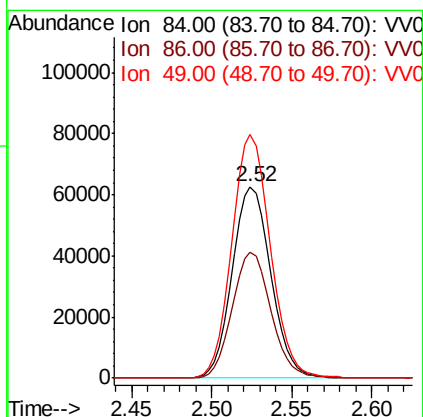
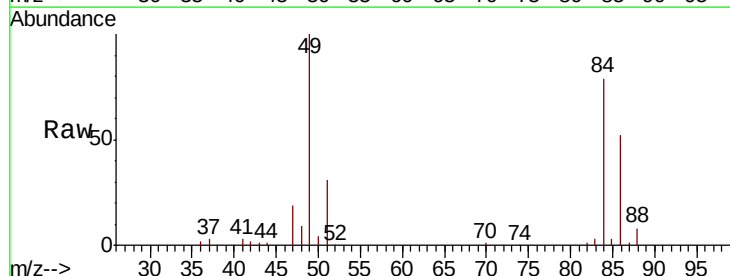
Instrument :
MSVOA_V
ClientSampleId :

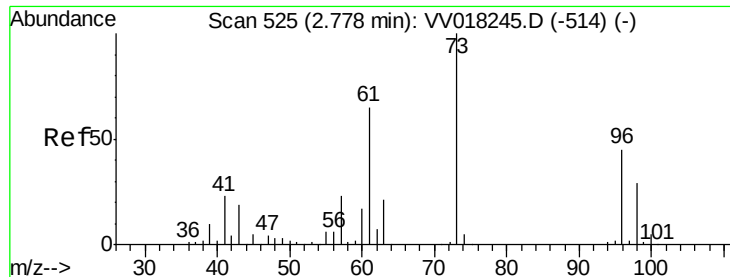
Tot Ion: 43 Resp: 100803
Ion Ratio Lower Upper
43 100
74 22.9 18.4 27.6



#16
Methylene chloride
Concen: 45.722 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Tgt Ion: 84 Resp: 103274
Ion Ratio Lower Upper
84 100
86 65.9 44.4 82.4
49 127.1 87.2 162.0

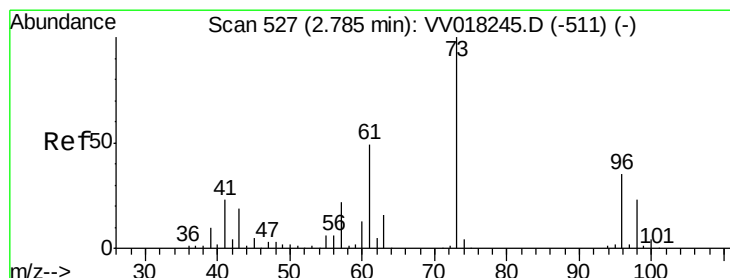
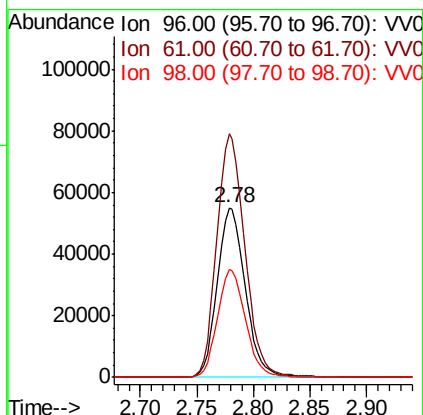
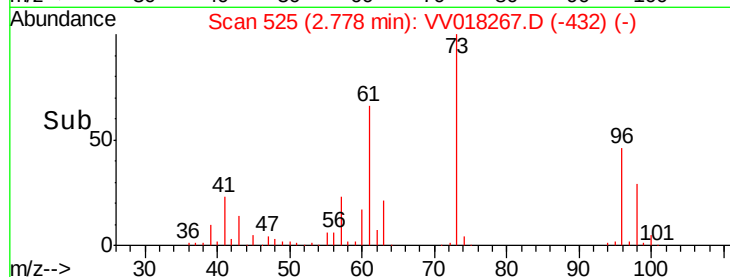
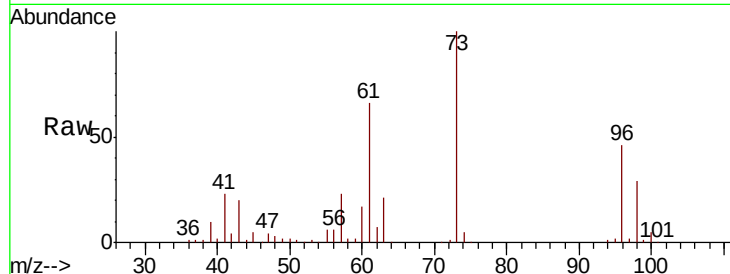




#17
trans-1,2-Dichloroethene
Concen: 45.834 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

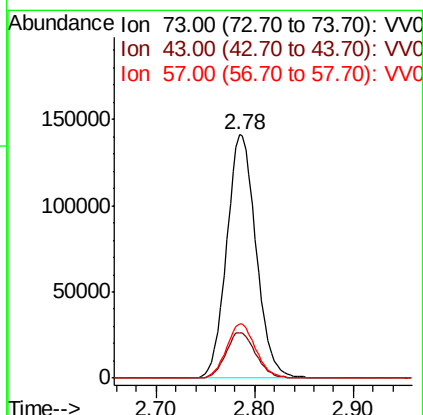
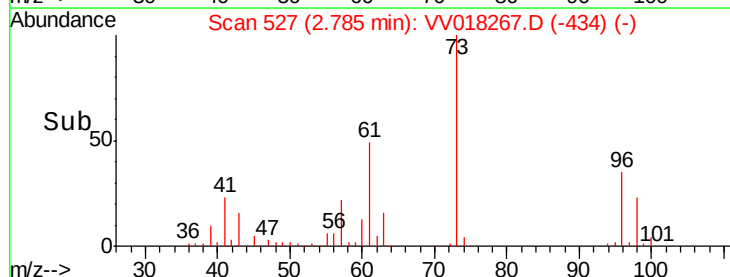
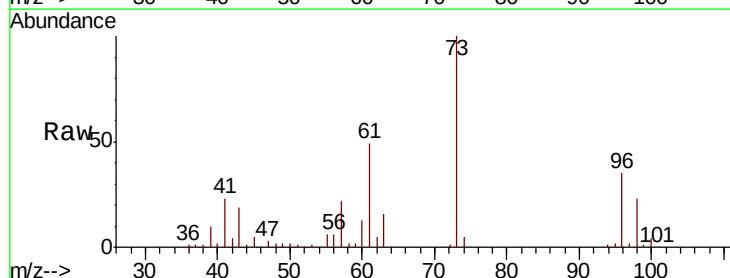
Instrument :
MSVOA_V
ClientSampleId :

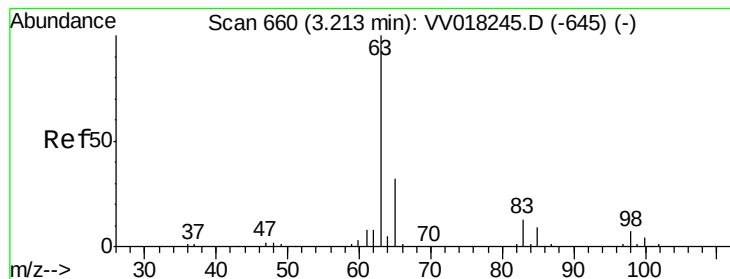
Tot Ion: 96 Resp: 95132
Ion Ratio Lower Upper
96 100
61 143.6 100.7 186.9
98 63.6 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 45.734 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Tgt Ion: 73 Resp: 293639
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.0
57 22.2 18.0 27.0





#19

1,1-Dichloroethane

Concen: 46.328 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

ClientSampled :

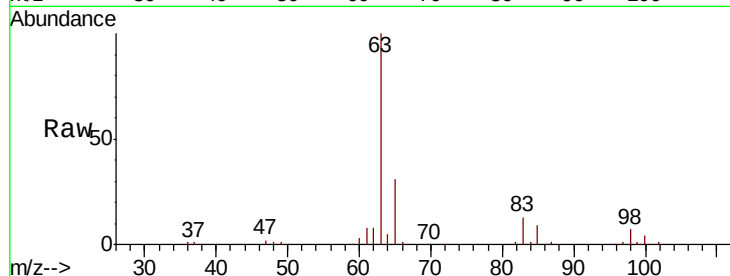
Tot Ion: 63 Resp: 181805

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

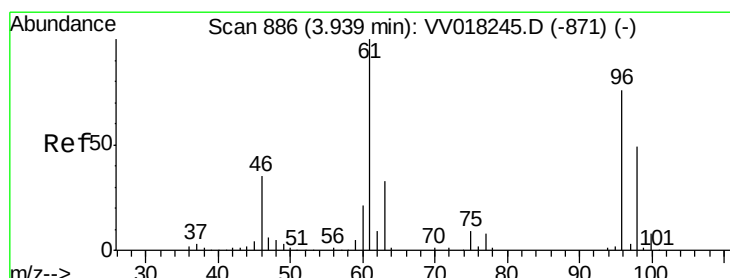
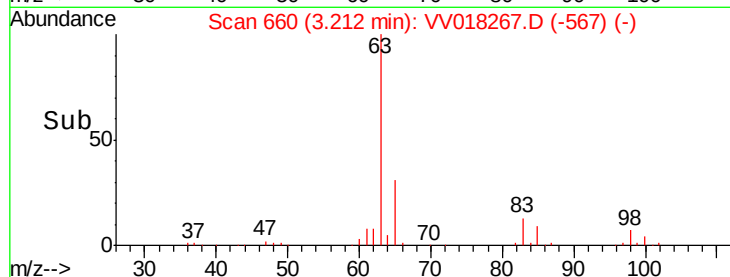
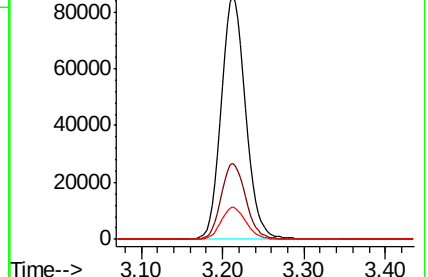
83 13.4 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VV018245.D (-645) (-)

Ion 65.00 (64.70 to 65.70): VV018245.D (-645) (-)

Ion 83.00 (82.70 to 83.70): VV018245.D (-645) (-)



#20

cis-1,2-Dichloroethene

Concen: 46.052 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

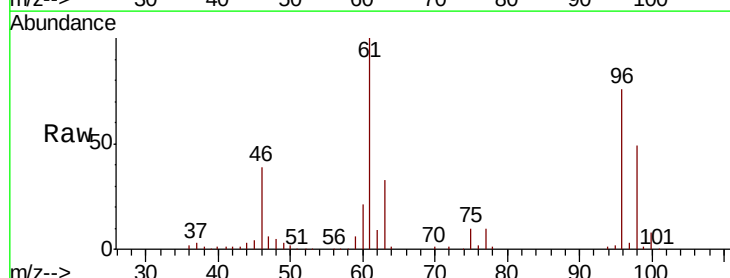
Tgt Ion: 96 Resp: 102177

Ion Ratio Lower Upper

96 100

61 130.9 93.6 173.8

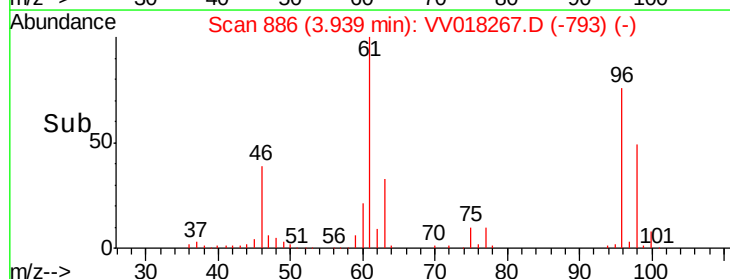
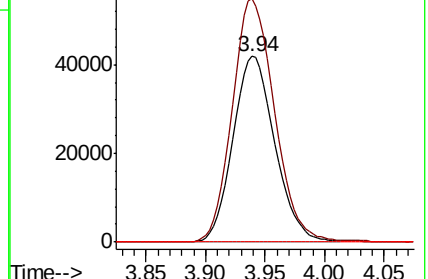
68 0.0 0.0 0.0

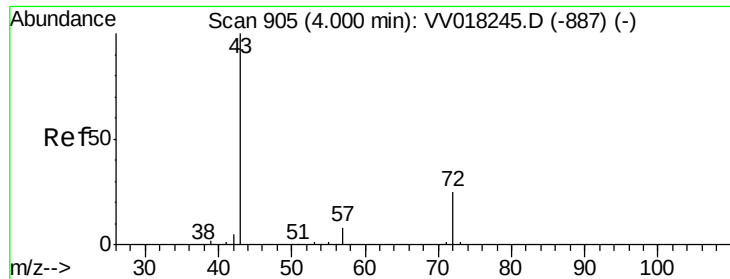


Abundance Ion 96.00 (95.70 to 96.70): VV018245.D (-871) (-)

Ion 61.00 (60.70 to 61.70): VV018245.D (-871) (-)

Ion 68.00 (67.70 to 68.70): VV018245.D (-871) (-)

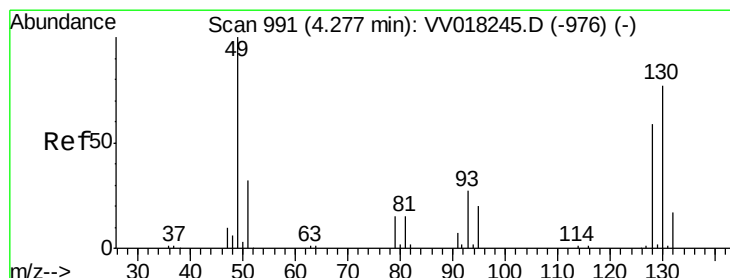
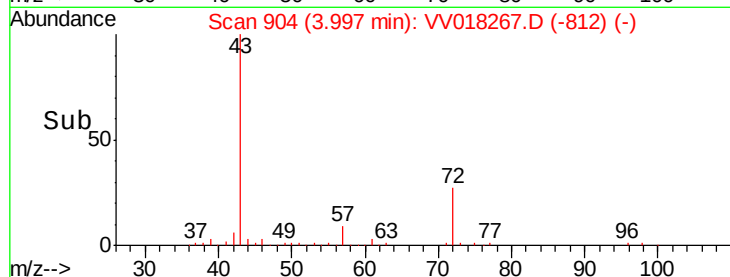
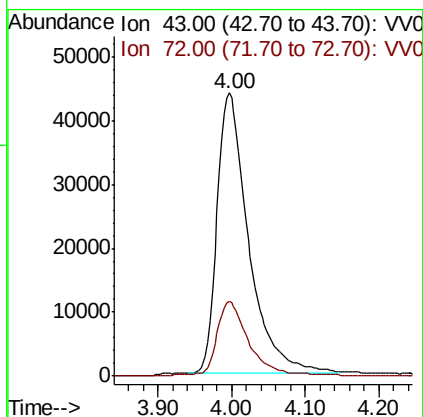
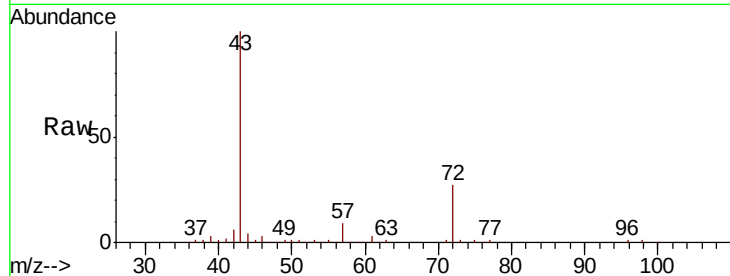




#22
2-Butanone
Concen: 90.039 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

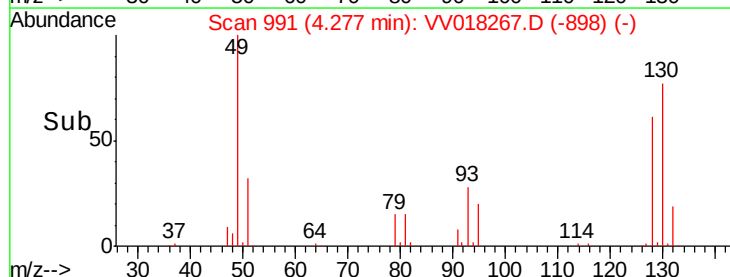
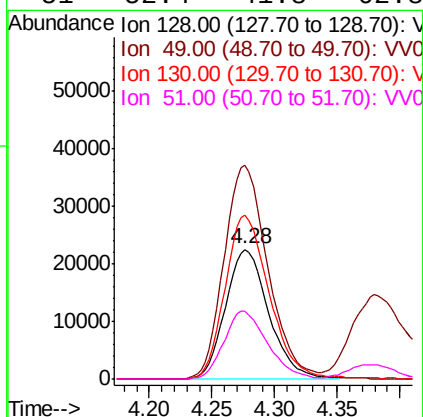
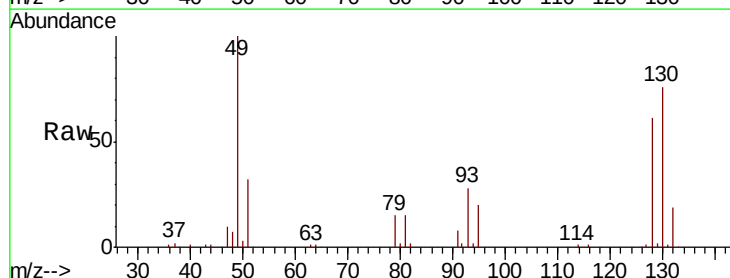
Instrument :
MSVOA_V
ClientSampleId :

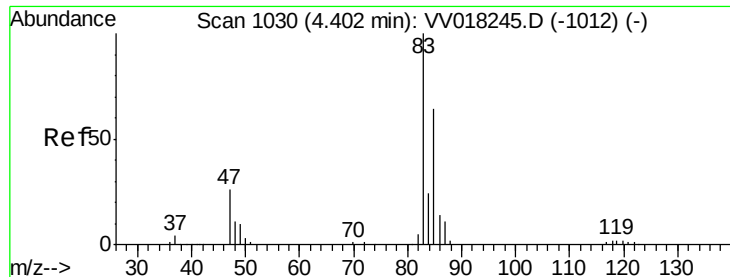
Tot Ion: 43 Resp: 130629
Ion Ratio Lower Upper
43 100
72 24.5 13.1 39.3



#23
Bromochloromethane
Concen: 46.532 ug/L
RT: 4.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Tgt Ion: 128 Resp: 54018
Ion Ratio Lower Upper
128 100
49 165.0 114.4 212.6
130 126.2 87.9 163.3
51 52.4 41.8 62.8

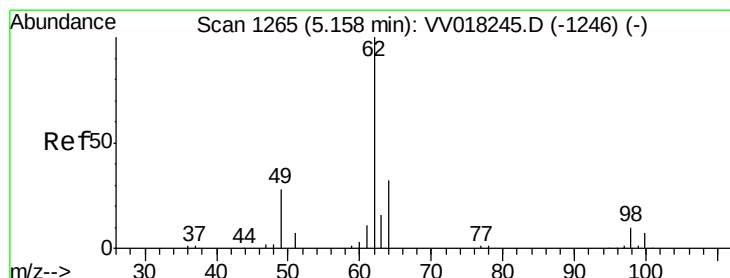
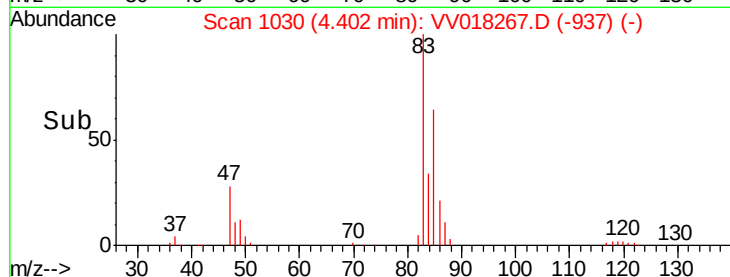
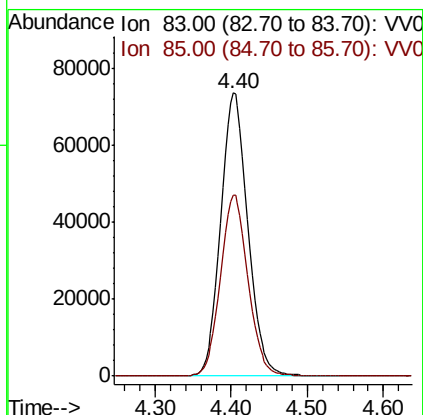
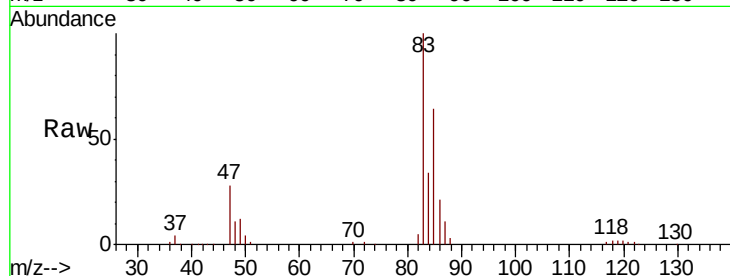




#25
Chloroform
Concen: 46.109 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

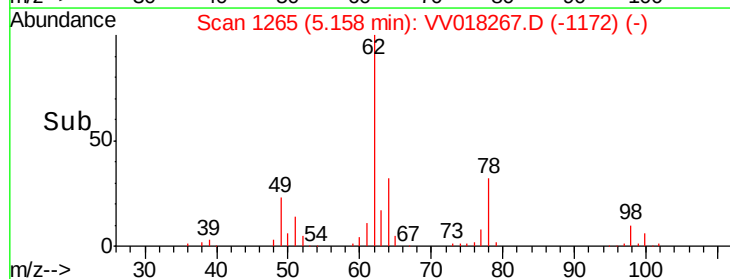
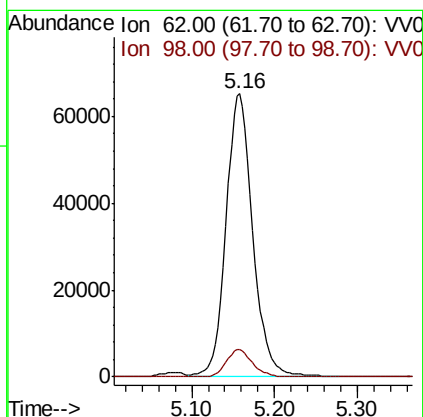
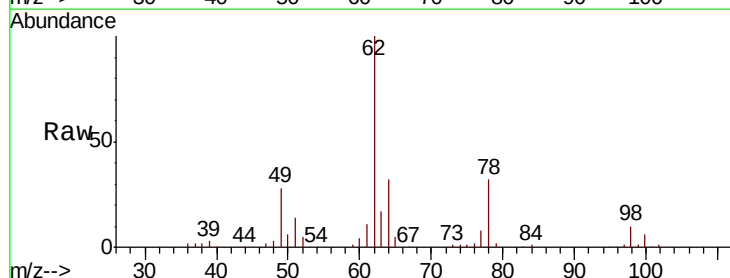
Instrument :
MSVOA_V
ClientSampleId :

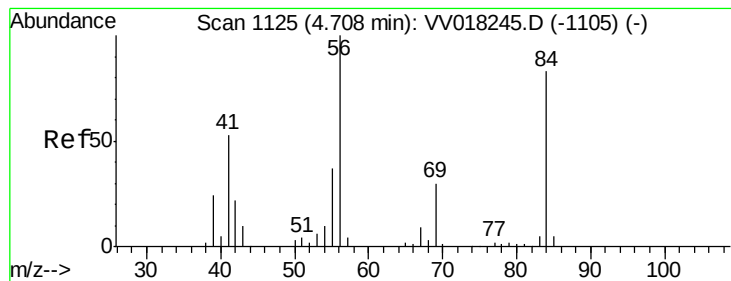
Tot Ion: 83 Resp: 183933
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6



#27
1,2-Dichloroethane
Concen: 46.945 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Tgt Ion: 62 Resp: 144972
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#29

Cyclohexane

Concen: 45.822 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :
MSVOA_V
ClientSampleId :

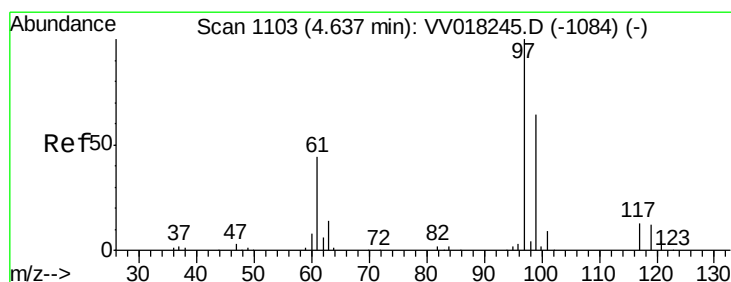
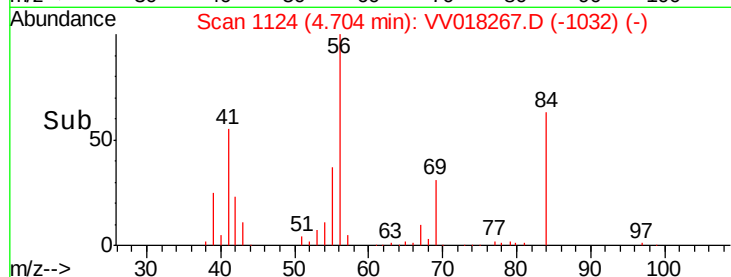
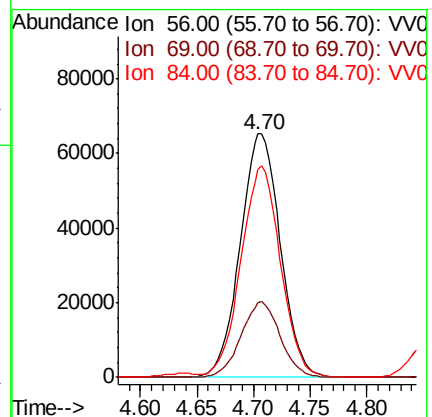
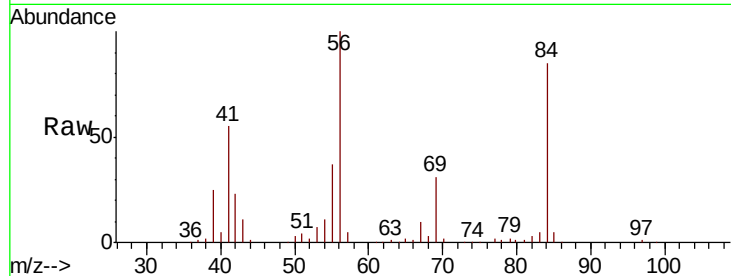
Tot Ion: 56 Resp: 160921

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 85.4 68.3 102.5



#30

1,1,1-Trichloroethane

Concen: 45.509 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

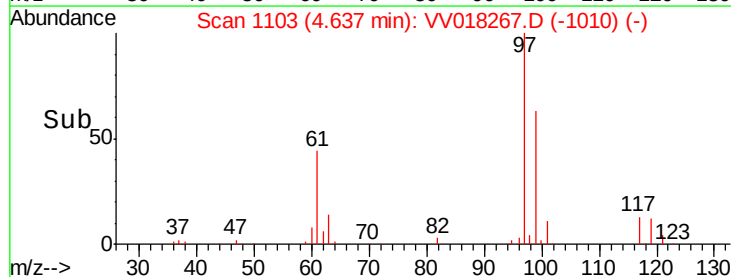
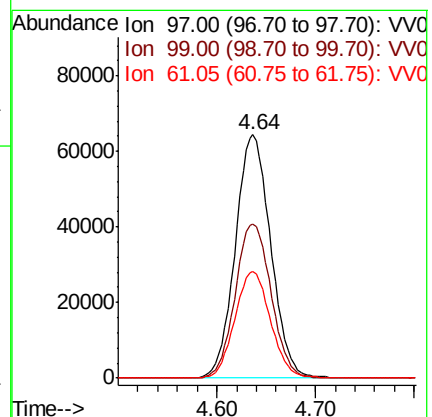
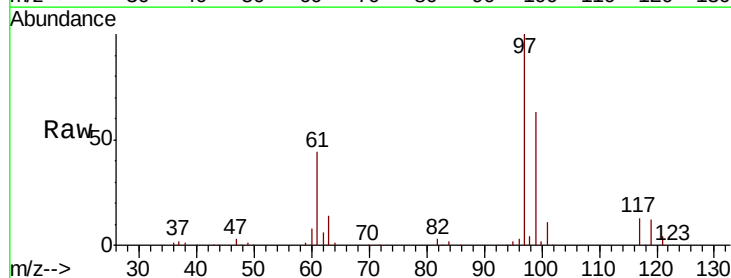
Tgt Ion: 97 Resp: 160625

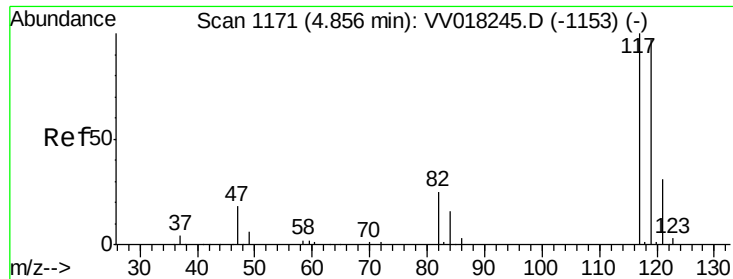
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.3 34.9 52.3





#31

Carbon tetrachloride

Concen: 45.642 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

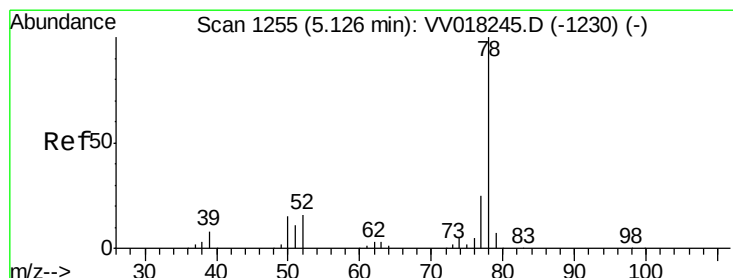
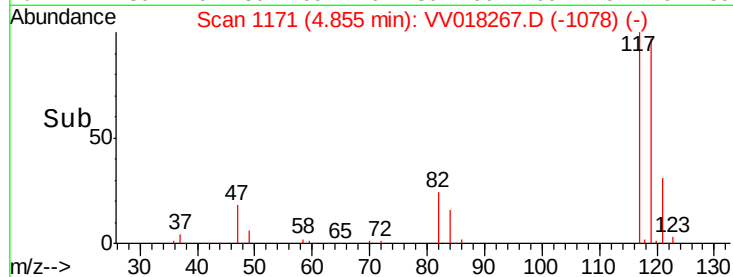
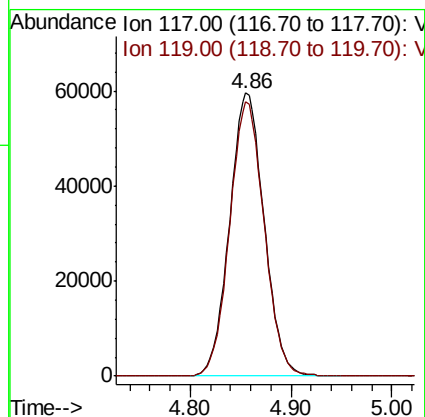
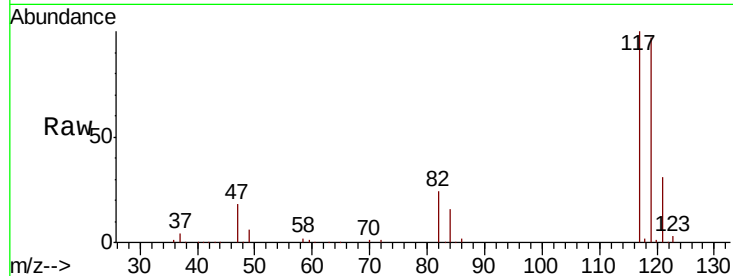
ClientSampleId :

Tot Ion:117 Resp: 141653

Ion Ratio Lower Upper

117 100

119 96.7 75.7 113.5



#33

Benzene

Concen: 46.398 ug/L

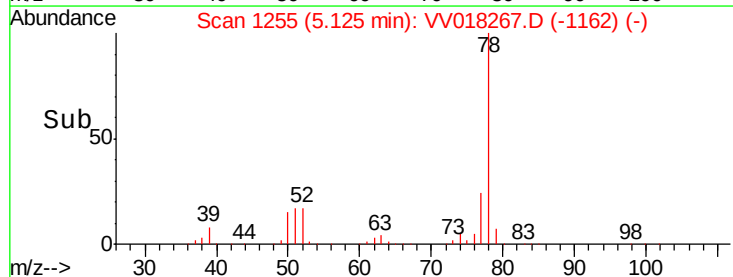
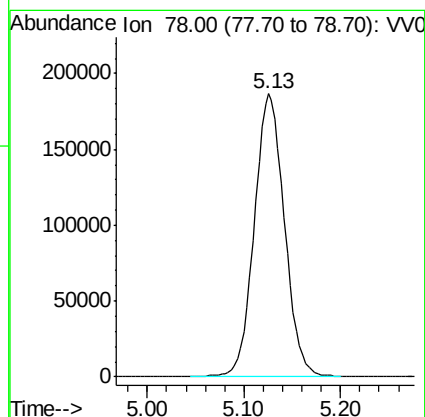
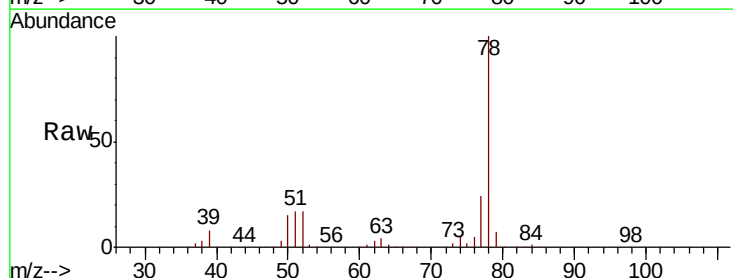
RT: 5.13 min Scan# 1255

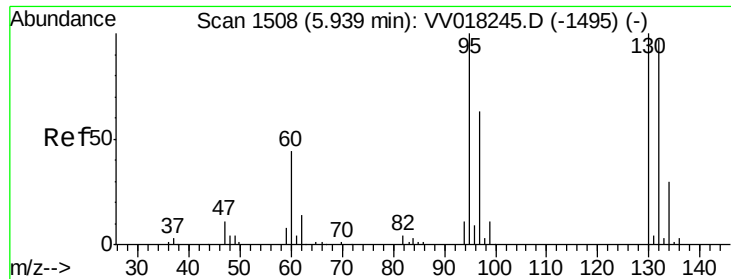
Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Tgt Ion: 78 Resp: 403450





#34

Trichloroethene

Concen: 43.575 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 103218

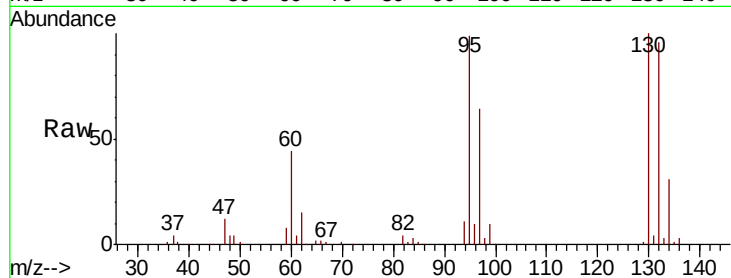
Ion Ratio Lower Upper

95 100

97 64.9 46.3 85.9

132 97.7 68.1 126.5

130 101.3 71.5 132.9

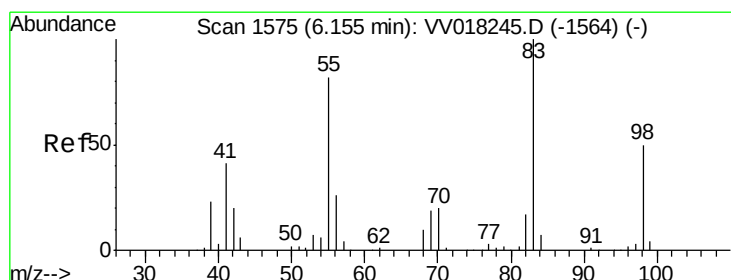
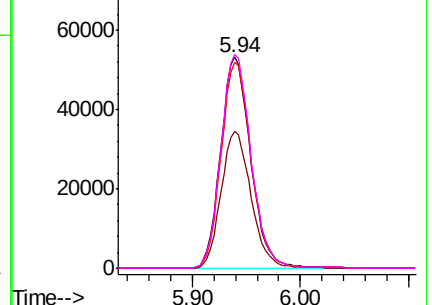
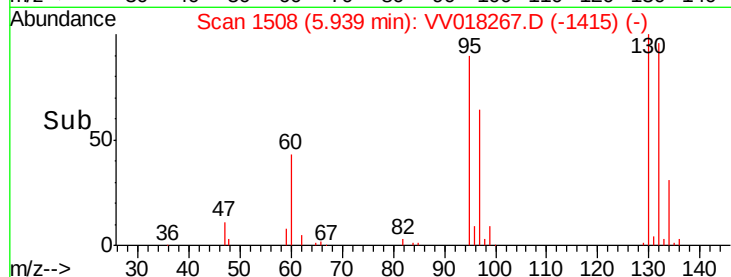


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 45.715 ug/L

RT: 6.16 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

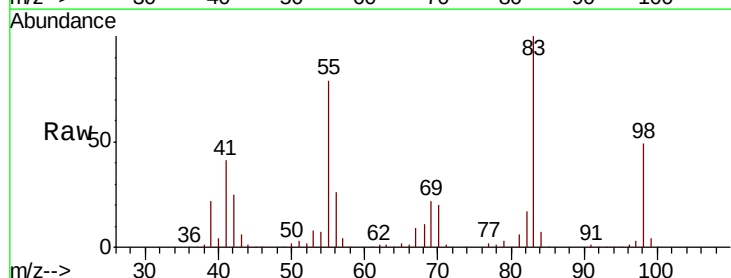
Tgt Ion: 83 Resp: 163043

Ion Ratio Lower Upper

83 100

55 78.5 63.4 95.2

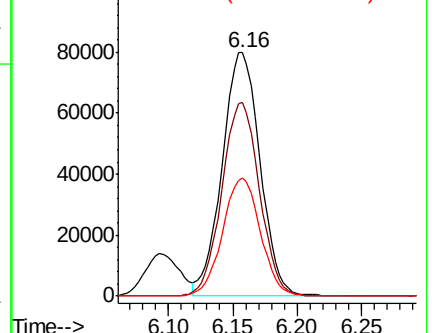
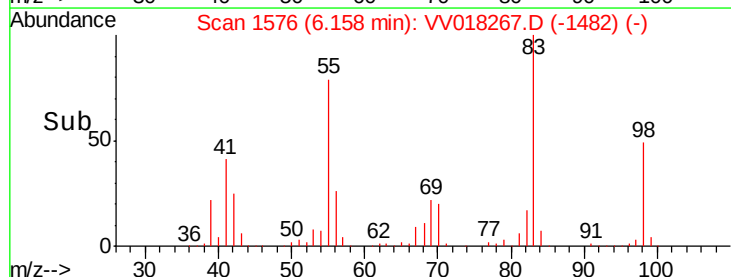
98 48.4 38.8 58.2

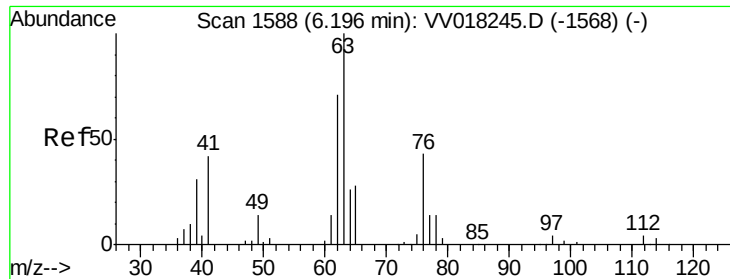


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

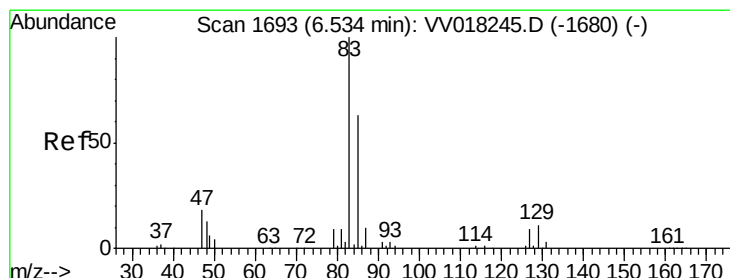
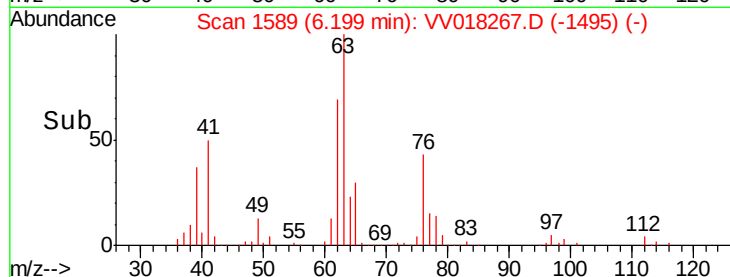
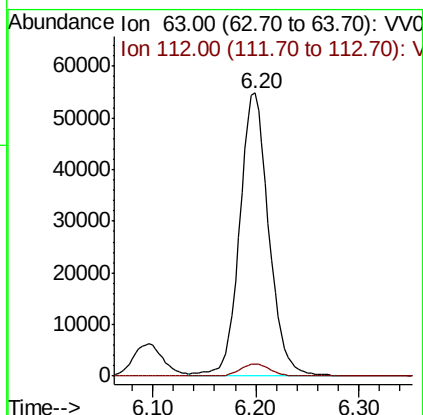
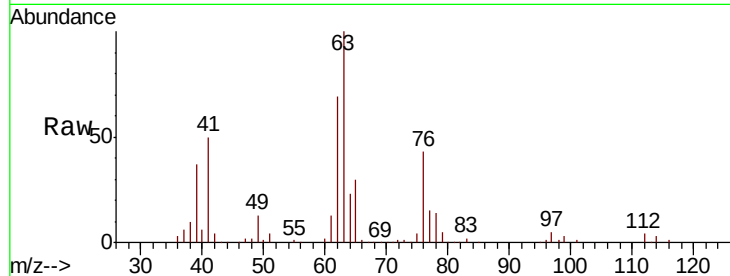




#37
 1,2-Dichloropropane
 Concen: 46.868 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

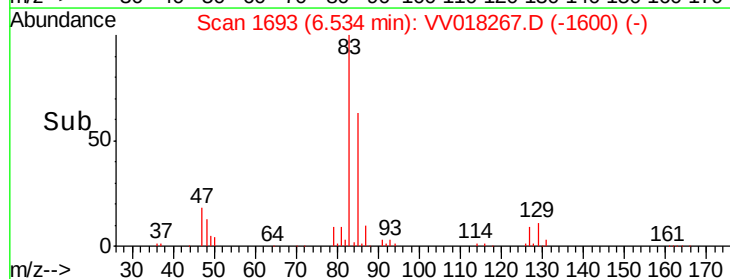
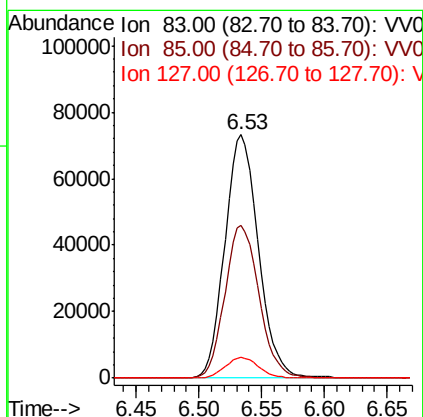
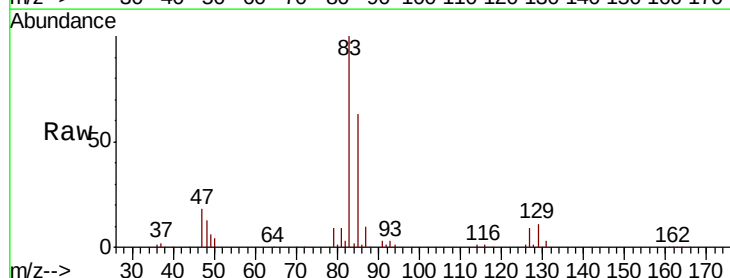
Instrument :
 MSVOA_V
 ClientSampled :

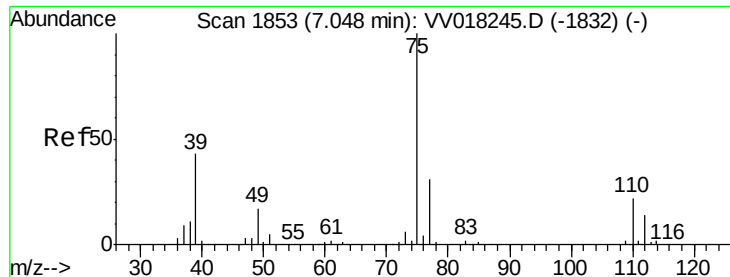
Tot Ion: 63 Resp: 107992
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.4 5.2



#38
 Bromodichloromethane
 Concen: 45.366 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Tgt Ion: 83 Resp: 136031
 Ion Ratio Lower Upper
 83 100
 85 62.6 44.7 82.9
 127 8.6 6.7 10.1

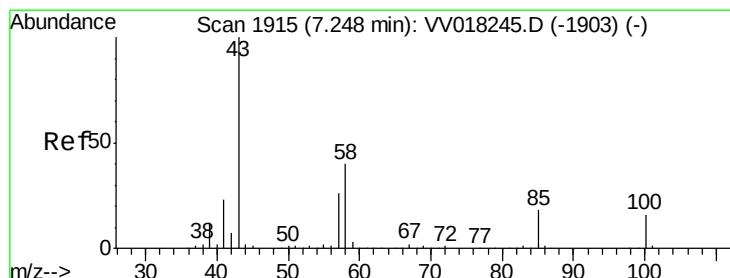
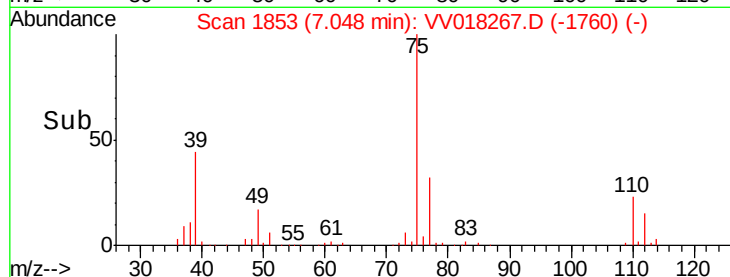
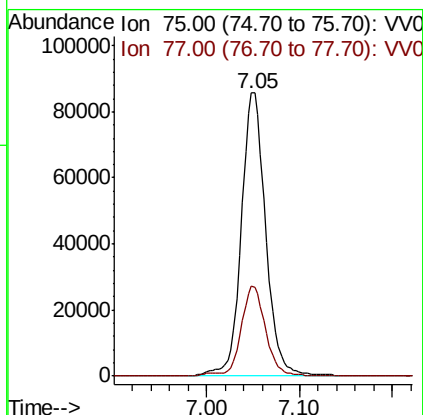
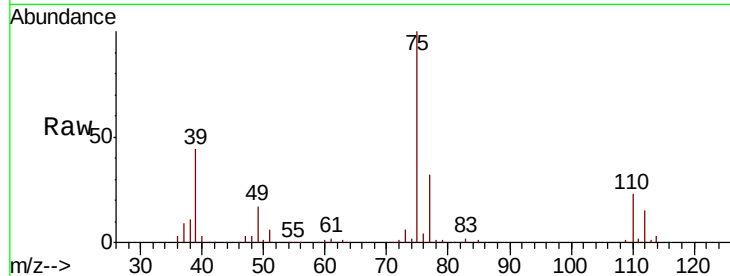




#39
 cis-1,3-Dichloropropene
 Concen: 44.161 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

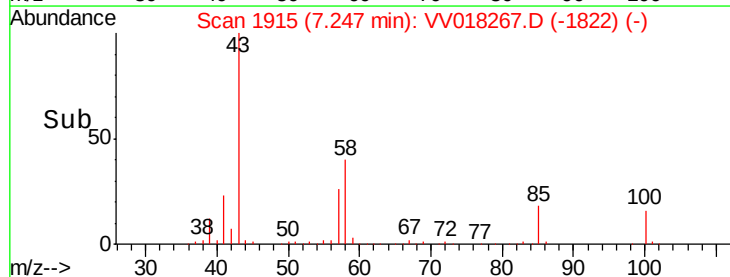
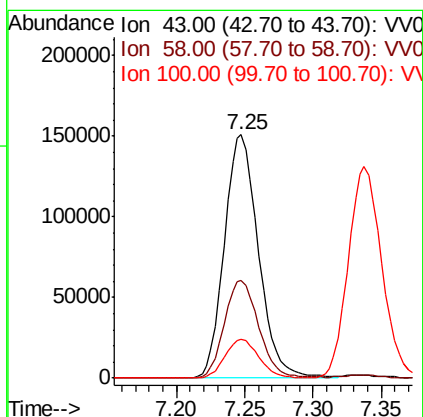
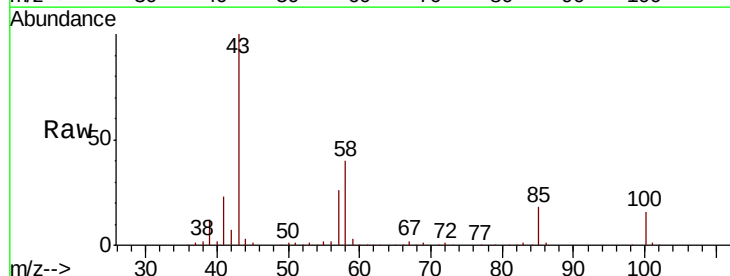
Instrument :
 MSVOA_V
 ClientSampleId :

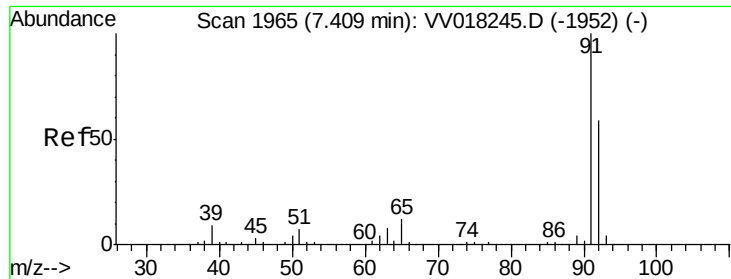
Tot Ion: 75 Resp: 156781
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 93.839 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Tgt Ion: 43 Resp: 262313
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6
 100 15.9 12.7 19.1





#42

Toluene

Concen: 47.172 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

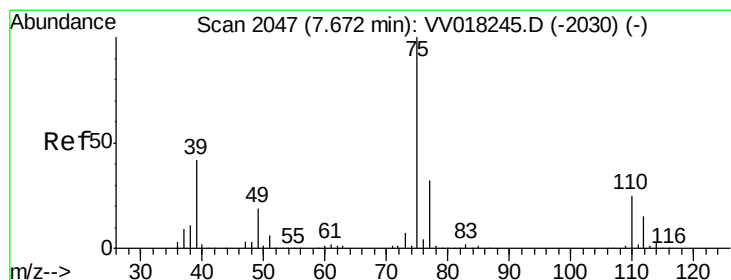
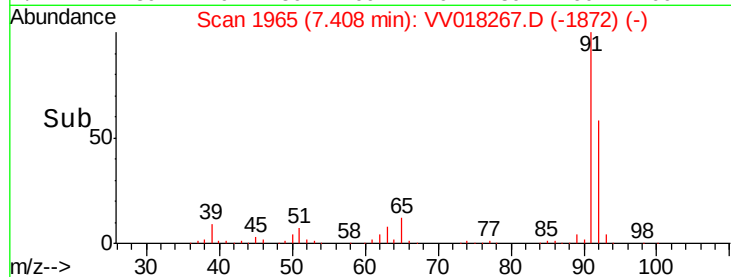
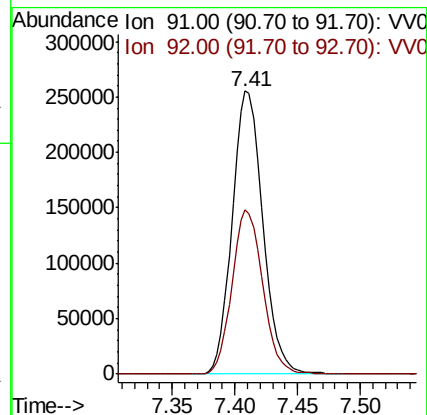
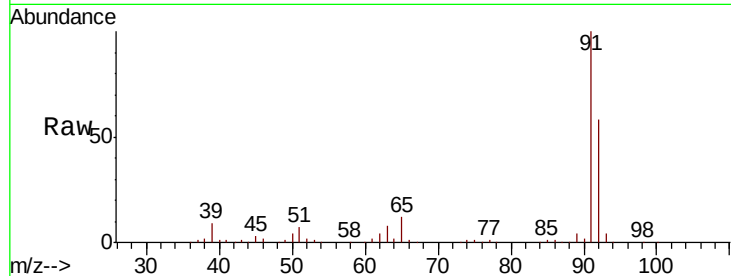
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 434084

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 44.462 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV018267.D

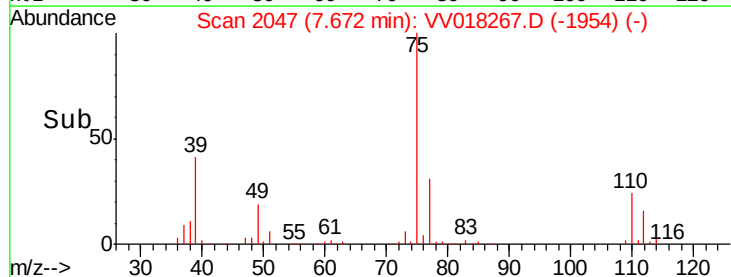
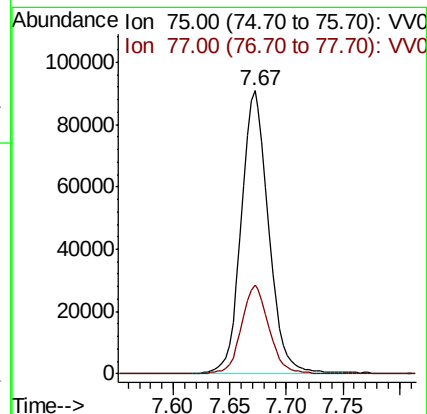
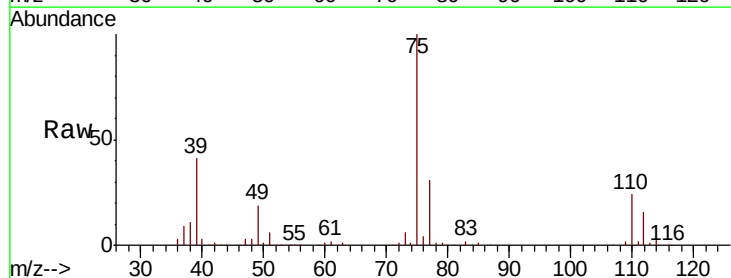
Acq: 17 Sep 2020 03:50

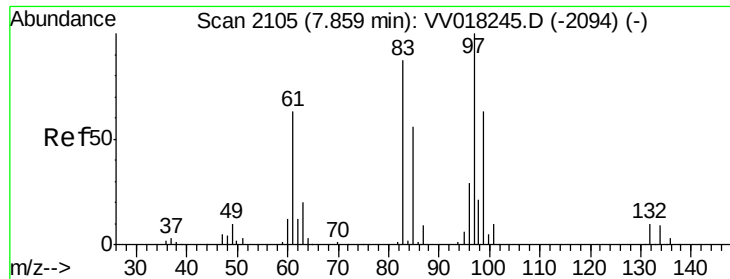
Tgt Ion: 75 Resp: 153693

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.5

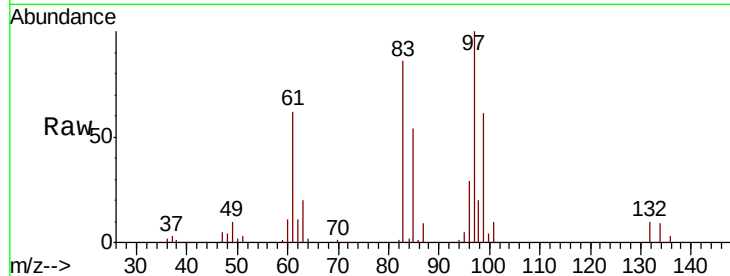




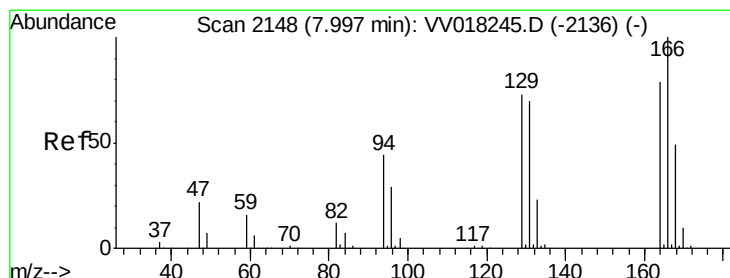
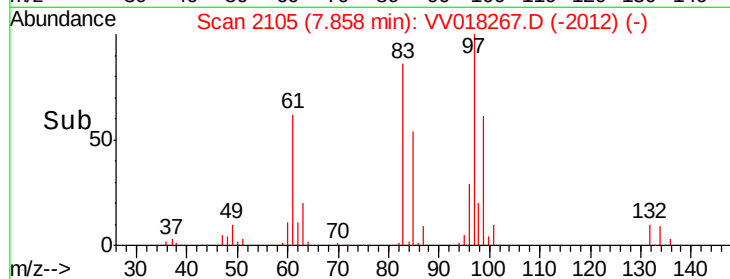
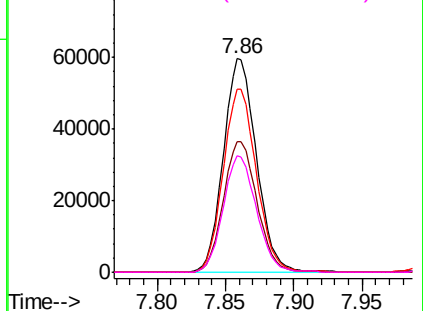
#45
 1,1,2-Trichloroethane
 Concen: 46.971 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	100316
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.7	81.1
83	85.6	59.9	111.3
85	54.3	37.6	69.8

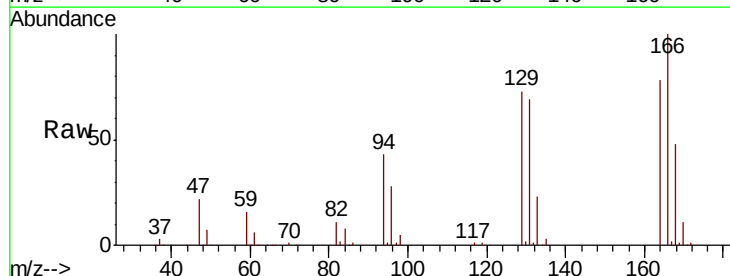


Abundance Ion 97.00 (96.70 to 97.70): VV018267.D (-2012) (-)

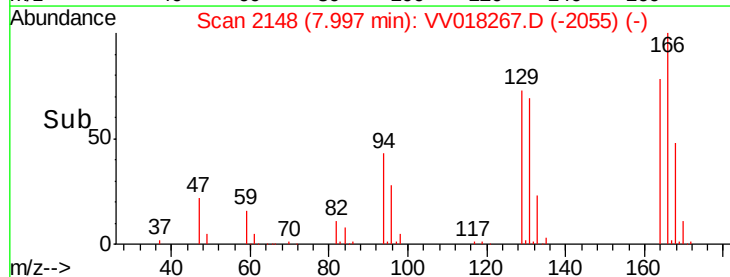
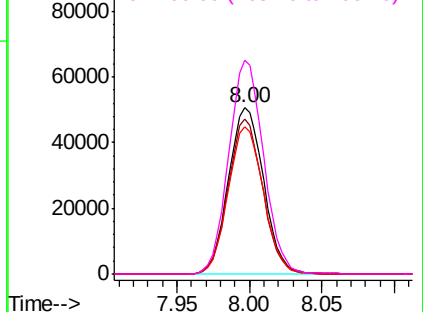


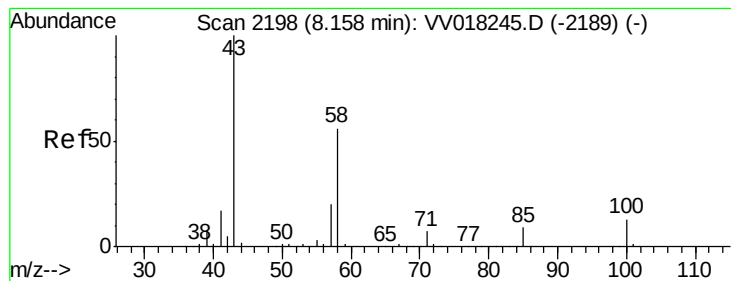
#46
 Tetrachloroethene
 Concen: 45.933 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Tgt Ion:	164	Resp:	85310
Ion	Ratio	Lower	Upper
164	100		
129	93.6	64.5	119.7
131	88.4	61.8	114.8
166	128.7	90.6	168.2



Abundance Ion 164.00 (163.70 to 164.70): VV018267.D (-2055) (-)





#48

2-Hexanone

Concen: 91.621 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 201914

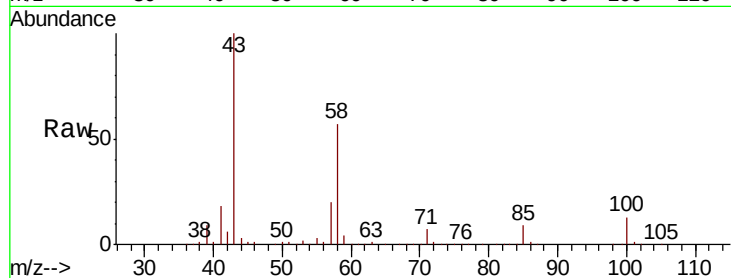
Ion Ratio Lower Upper

43 100

58 57.4 44.8 67.2

57 19.6 15.8 23.6

100 12.6 10.2 15.4

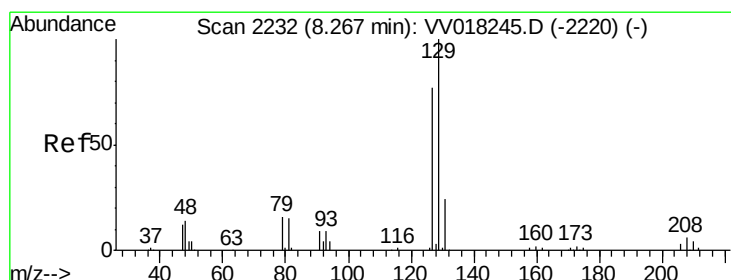
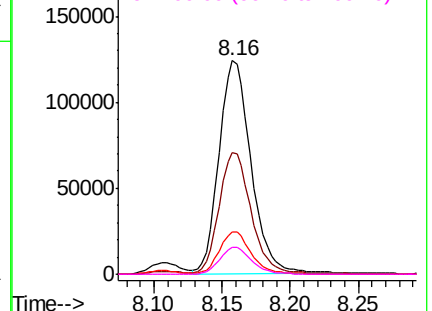
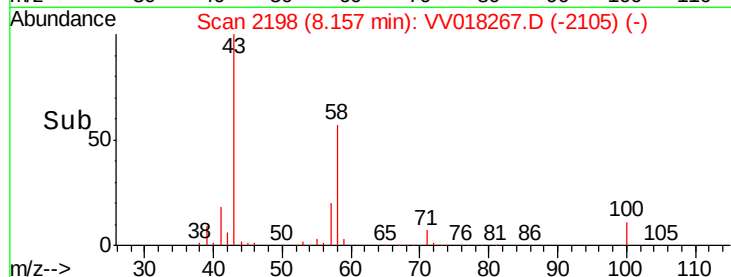


Abundance Ion 43.00 (42.70 to 43.70): VV018245.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV018245.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV018245.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV018245.D (-2189) (-)



#49

Dibromochloromethane

Concen: 46.452 ug/L

RT: 8.27 min Scan# 2232

Delta R.T. -0.00 min

Lab File: VV018267.D

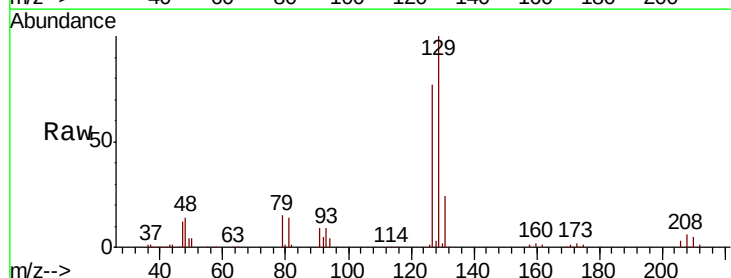
Acq: 17 Sep 2020 03:50

Tgt Ion: 129 Resp: 111359

Ion Ratio Lower Upper

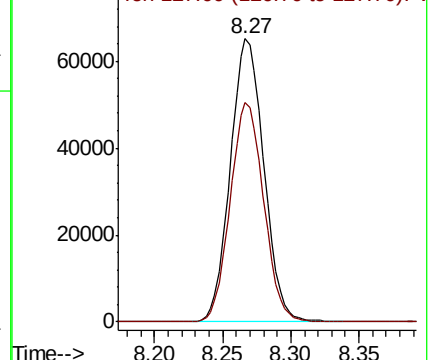
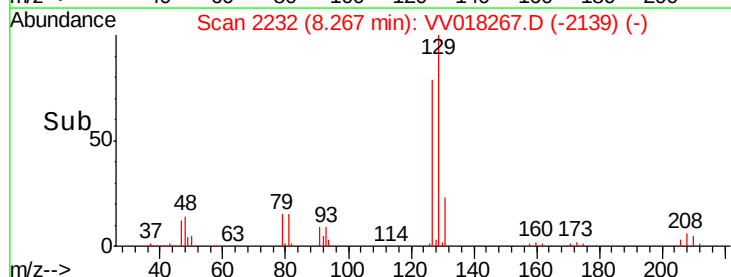
129 100

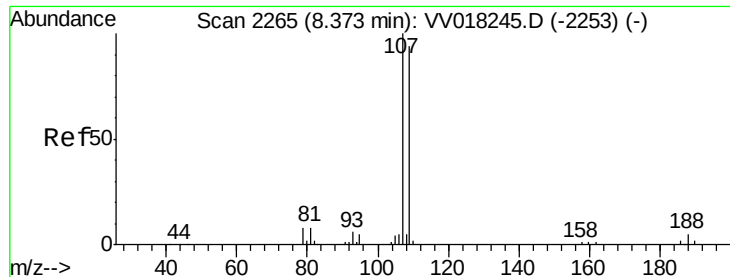
127 77.4 54.5 101.1



Abundance Ion 129.00 (128.70 to 129.70): VV018245.D (-2220) (-)

Ion 127.00 (126.70 to 127.70): VV018245.D (-2220) (-)

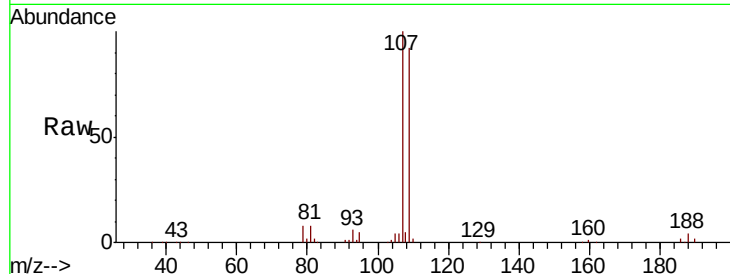




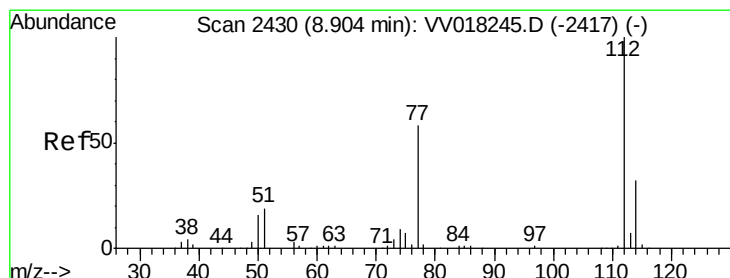
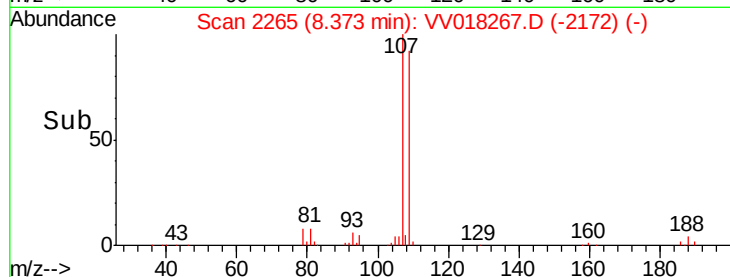
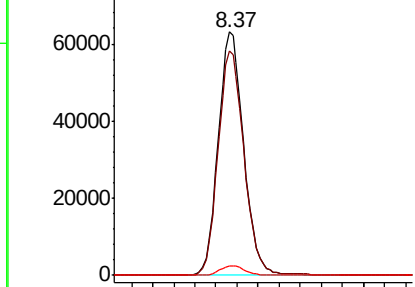
#50
1,2-Dibromoethane
Concen: 46.749 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	66.1	122.8
188	3.8	3.2	4.8

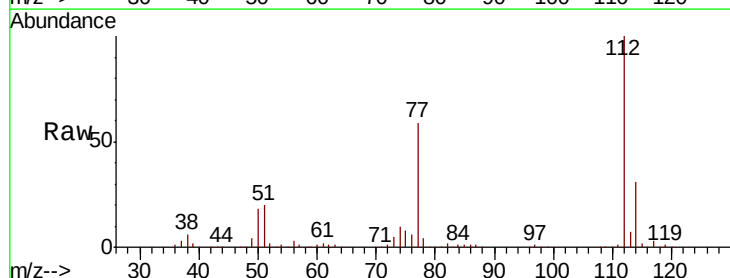


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

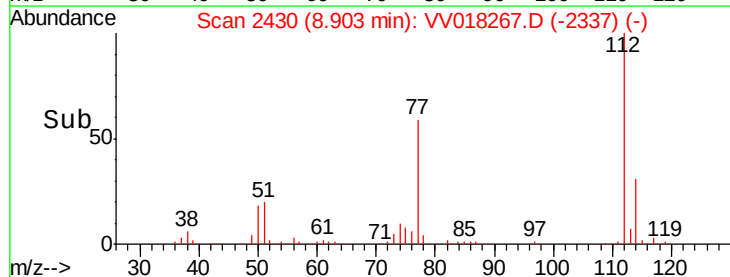
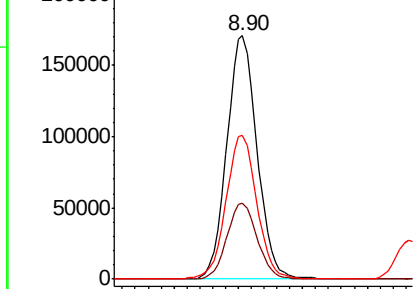


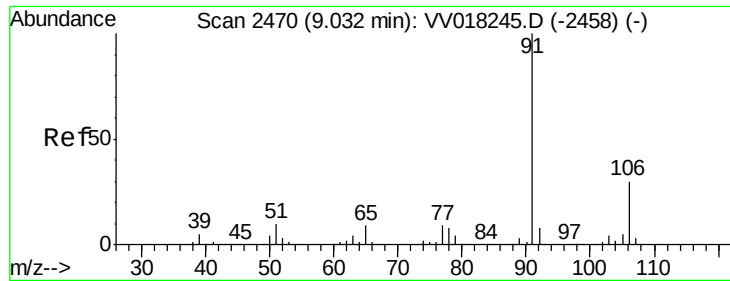
#51
Chlorobenzene
Concen: 46.479 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV018267.D
Acq: 17 Sep 2020 03:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.6	42.0
77	59.2	48.0	72.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 47.292 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

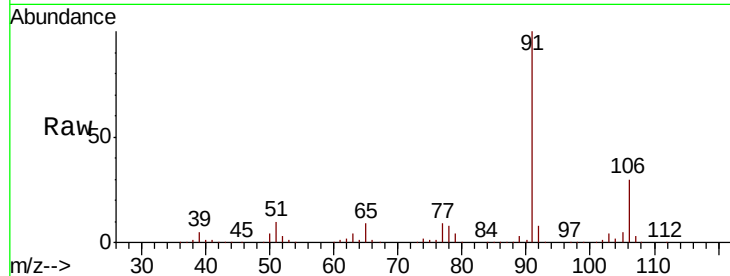
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 475119

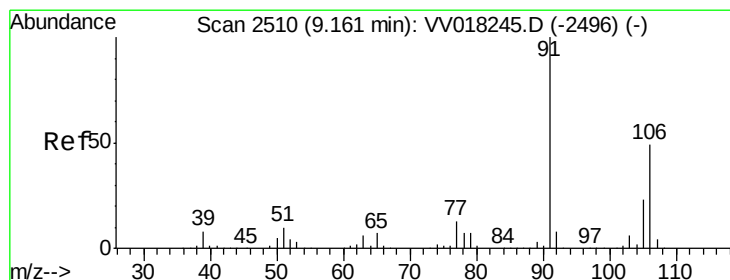
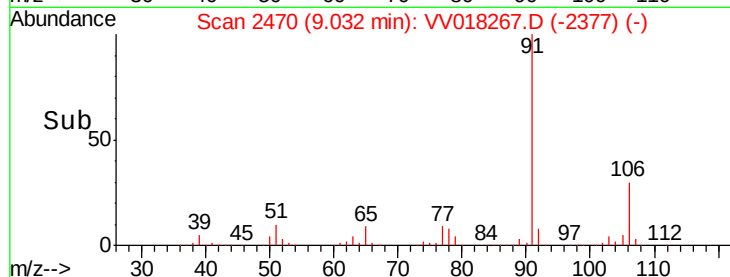
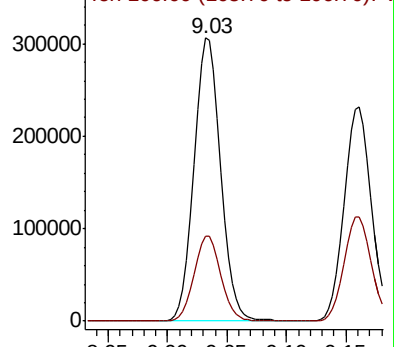
Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV018245.D (-2458) (-)



#53

m,p-Xylene

Concen: 48.272 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV018267.D

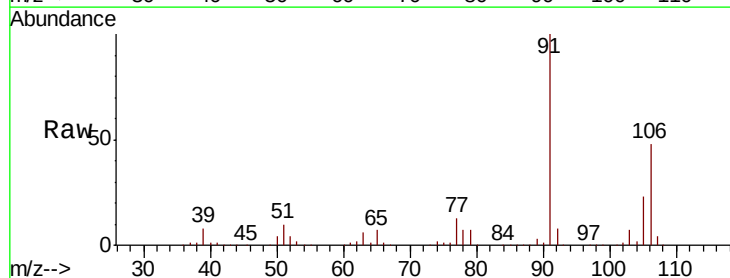
Acq: 17 Sep 2020 03:50

Tgt Ion: 106 Resp: 181015

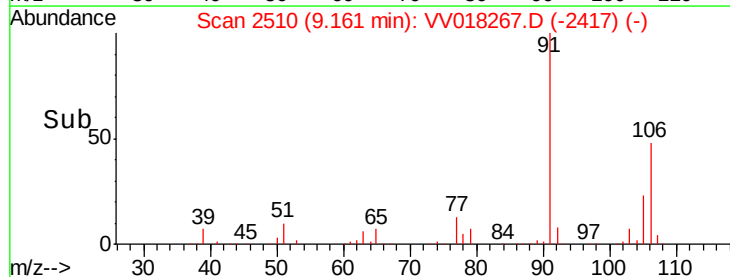
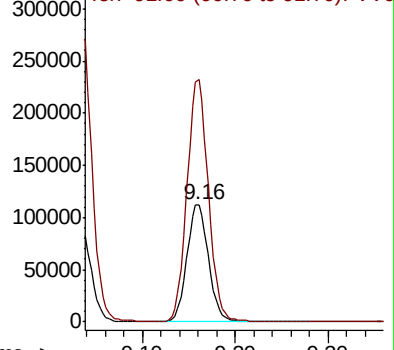
Ion Ratio Lower Upper

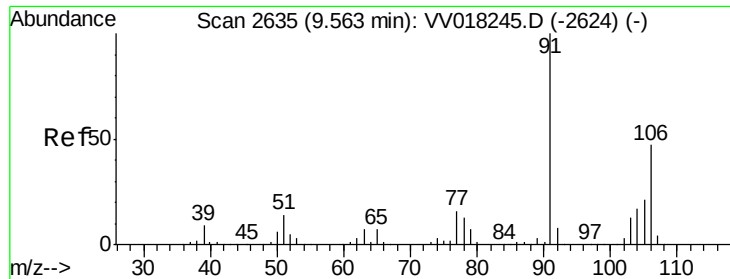
106 100

91 206.6 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018267.D (-2417) (-)





#54

o-xylene

Concen: 47.577 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

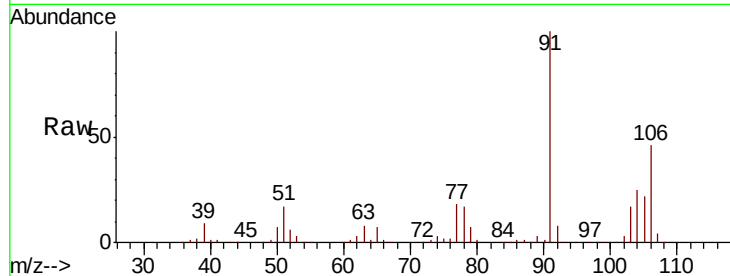
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 171877

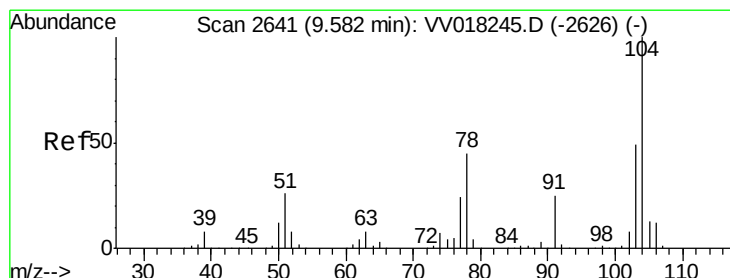
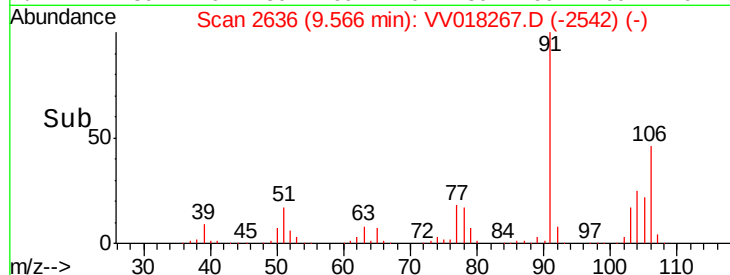
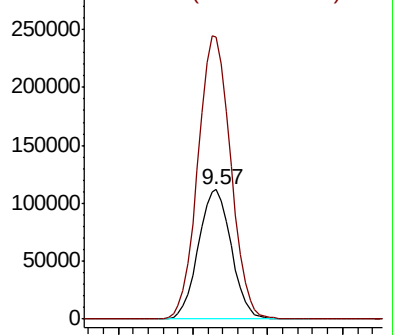
Ion Ratio Lower Upper

106 100

91 218.1 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VV018245.D (-2624) (-)



#55

Styrene

Concen: 49.239 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV018267.D

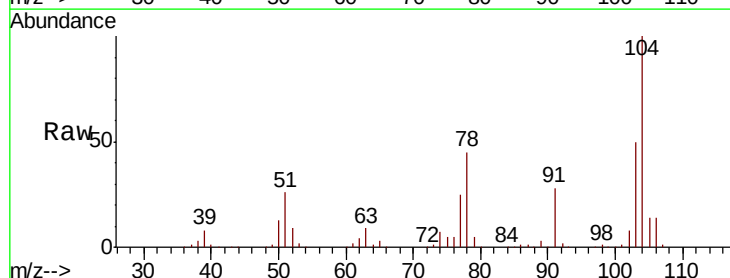
Acq: 17 Sep 2020 03:50

Tgt Ion:104 Resp: 309176

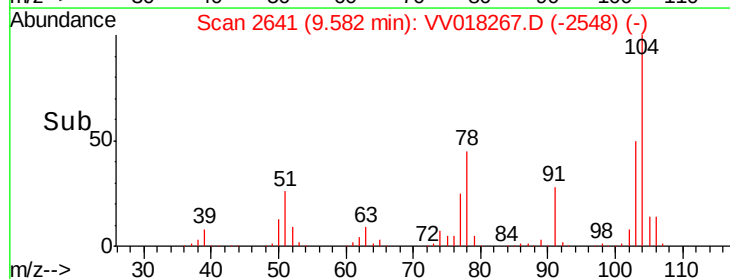
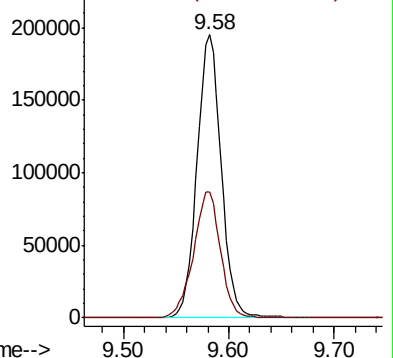
Ion Ratio Lower Upper

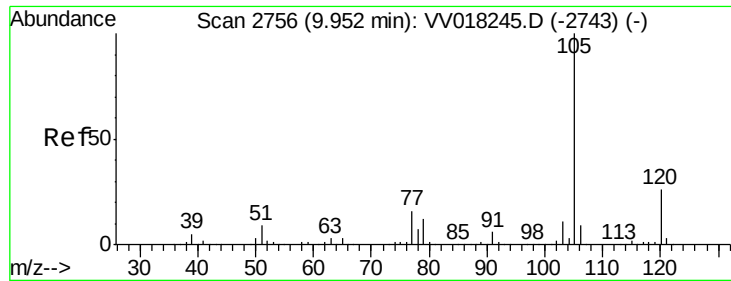
104 100

78 44.7 31.4 58.2



Abundance Ion 104.00 (103.70 to 104.70): VV018245.D (-2626) (-)





#56

Isopropylbenzene

Concen: 47.924 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :
MSVOA_V
ClientSampleId :

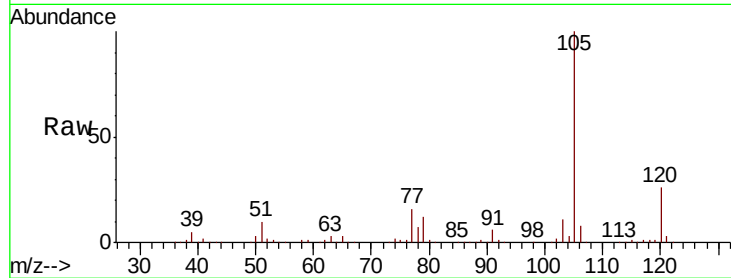
Tot Ion:105 Resp: 466596

Ion Ratio Lower Upper

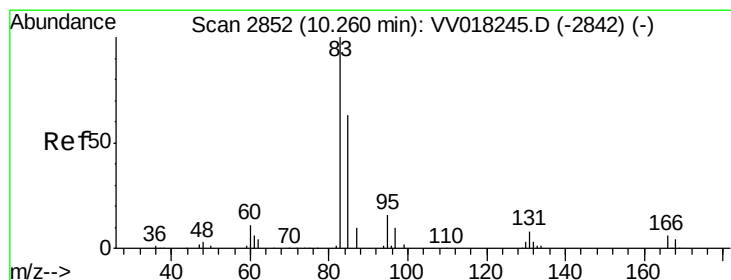
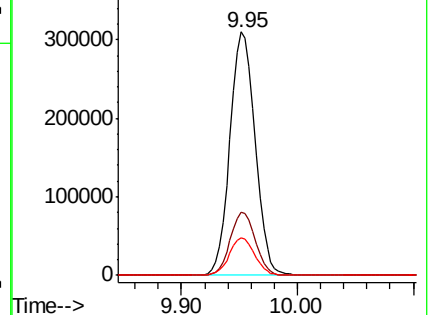
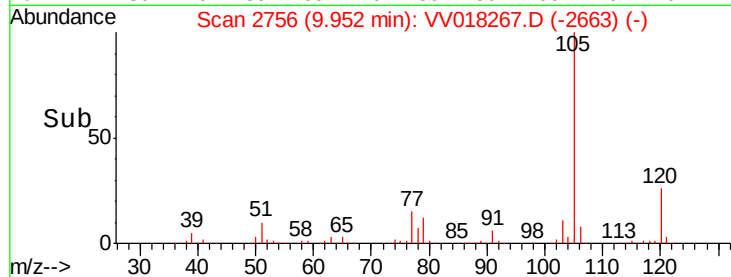
105 100

120 26.0 20.9 31.3

77 15.6 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

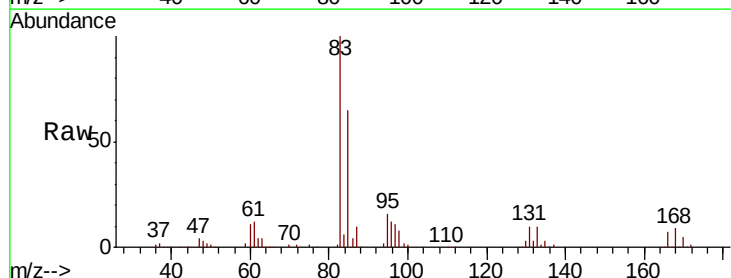
Tgt Ion: 83 Resp: 158524

Ion Ratio Lower Upper

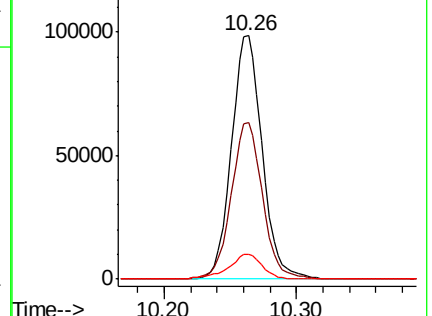
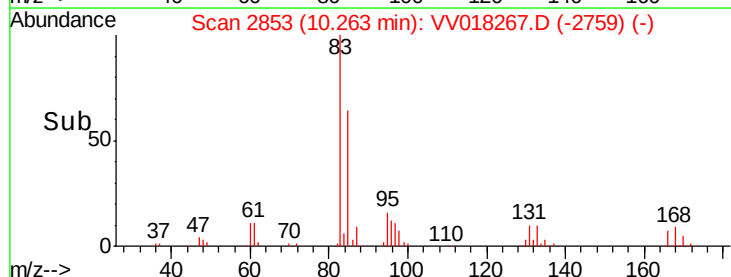
83 100

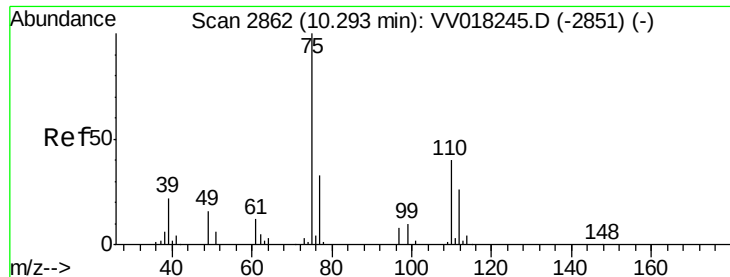
85 64.6 45.8 85.2

131 10.1 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 131.00 (130.70 to 131.70): V

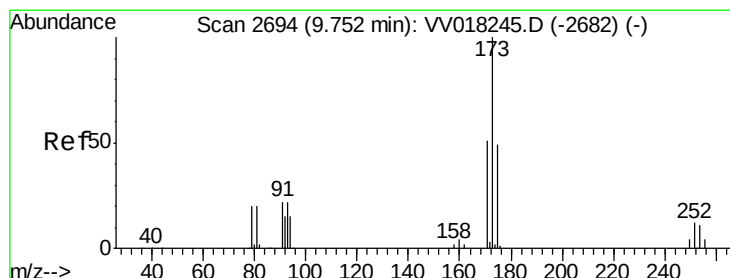
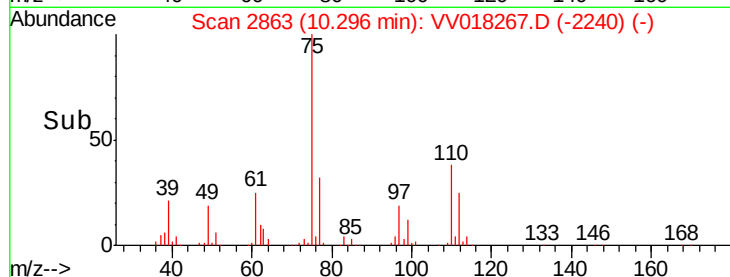
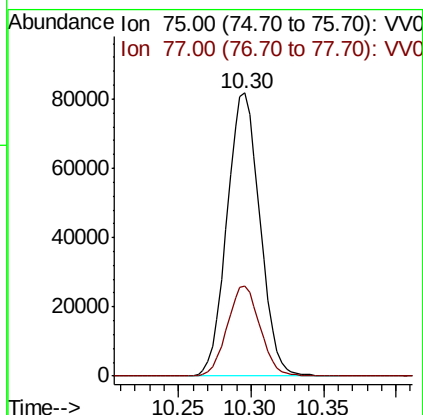
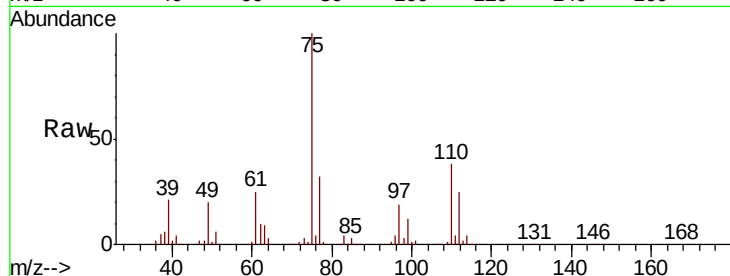




#59
 1,2,3-Trichloropropane
 Concen: 47.583 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

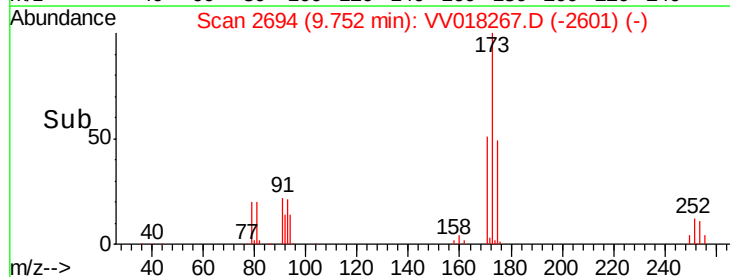
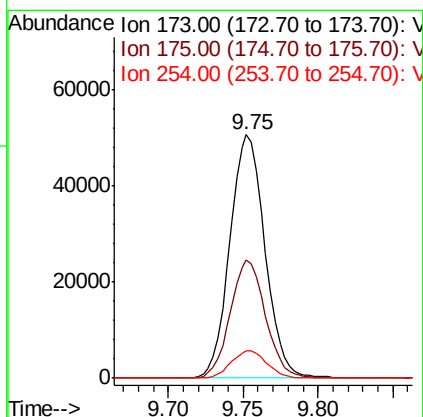
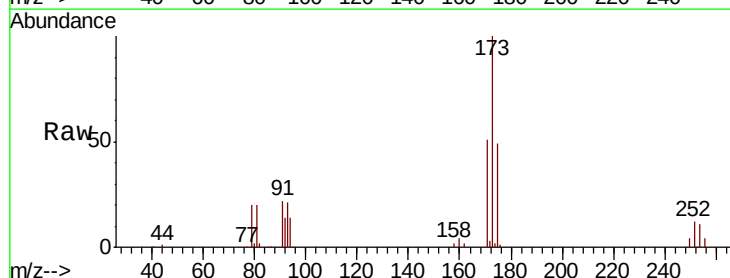
Instrument :
 MSVOA_V
 ClientSampled :

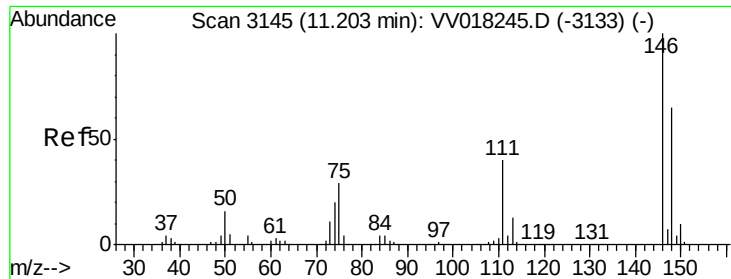
Tot Ion: 75 Resp: 128956
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6



#61
 Bromoform
 Concen: 46.165 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Tgt Ion: 173 Resp: 82422
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.6
 254 11.3 9.0 13.4





#62

1,3-Dichlorobenzene

Concen: 46.373 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

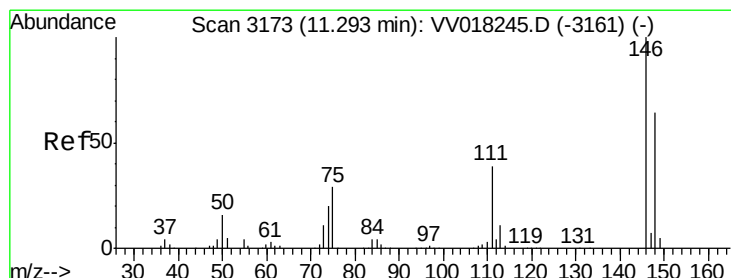
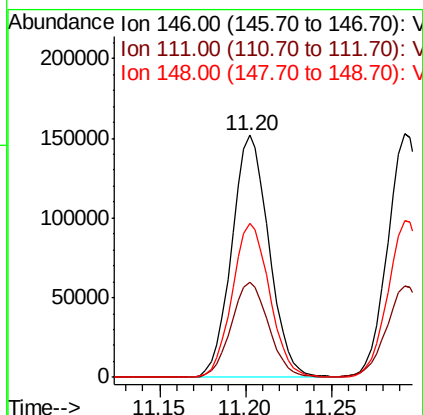
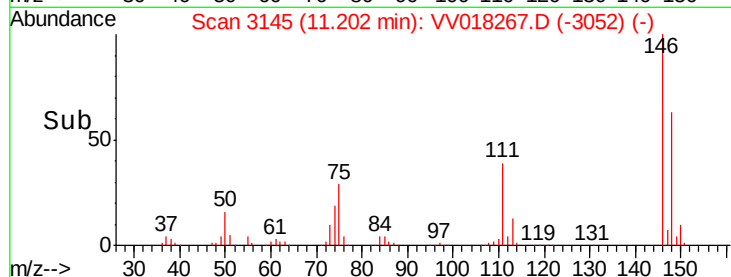
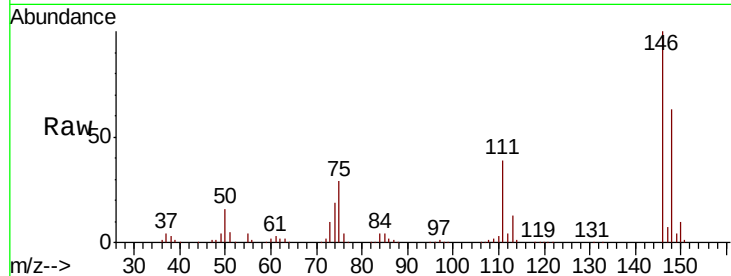
Tot Ion:146 Resp: 229171

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 63.5 45.4 84.2



#63

1,4-Dichlorobenzene

Concen: 46.371 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

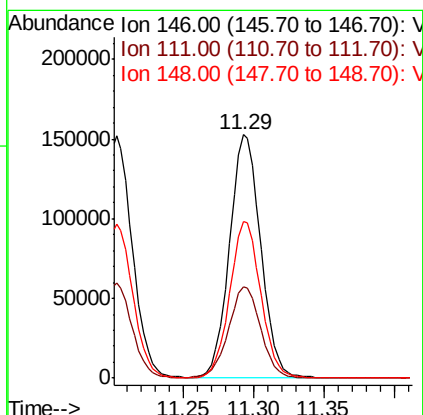
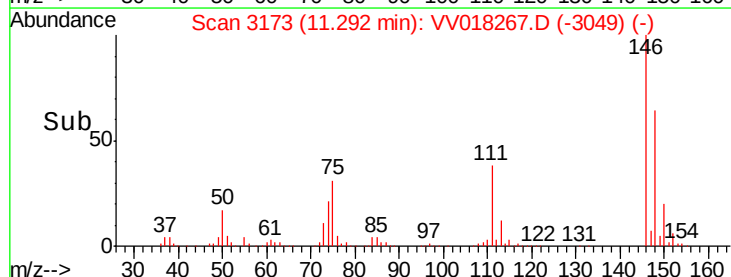
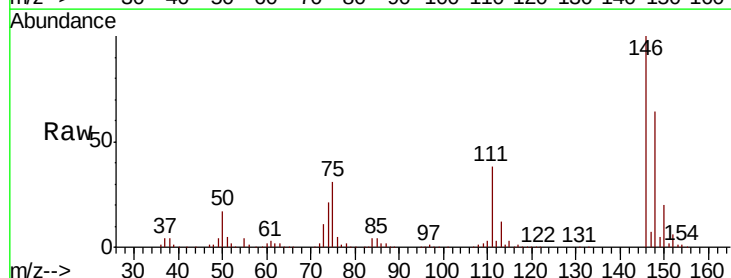
Tgt Ion:146 Resp: 235545

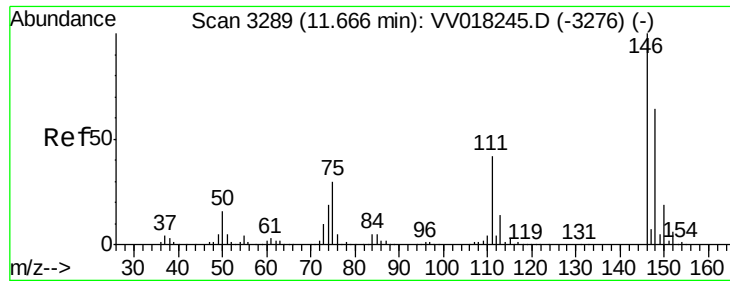
Ion Ratio Lower Upper

146 100

111 37.7 27.1 50.3

148 64.4 45.4 84.2





#65

1,2-Dichlorobenzene

Concen: 46.042 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Instrument :

MSVOA_V

ClientSampleId :

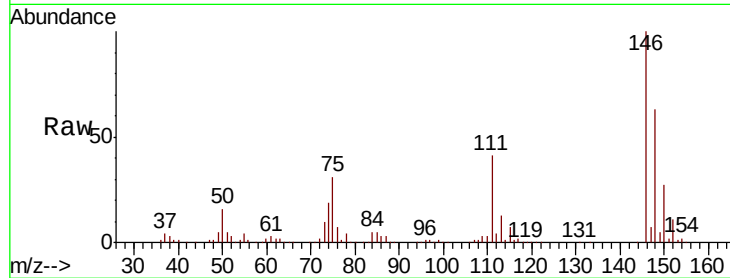
Tot Ion:146 Resp: 229986

Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

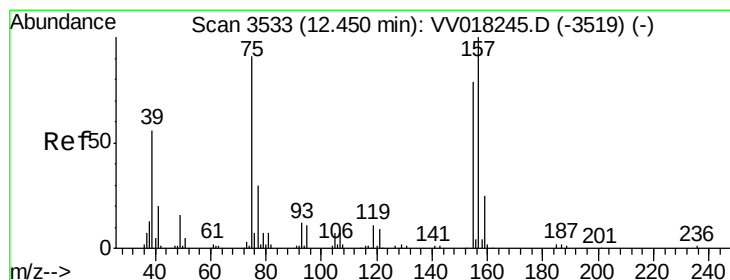
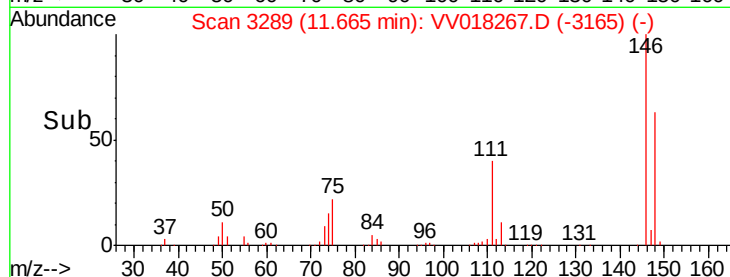
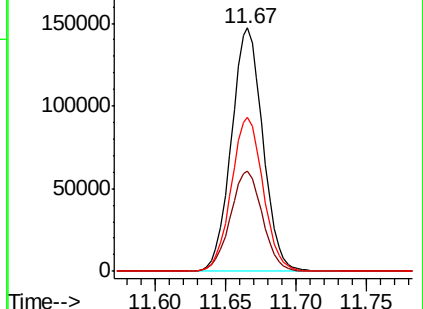
148 63.3 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): 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: 48.995 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

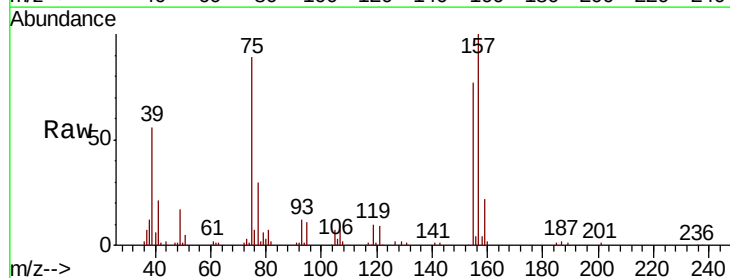
Tgt Ion: 75 Resp: 34536

Ion Ratio Lower Upper

75 100

155 86.5 69.7 104.5

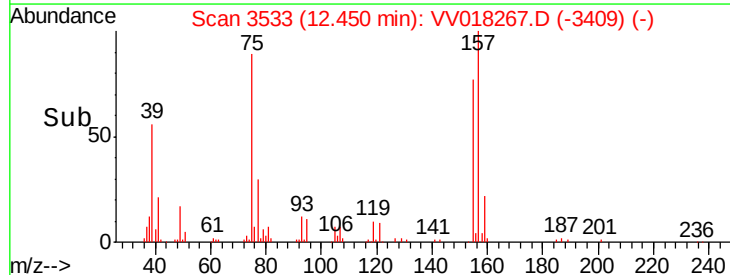
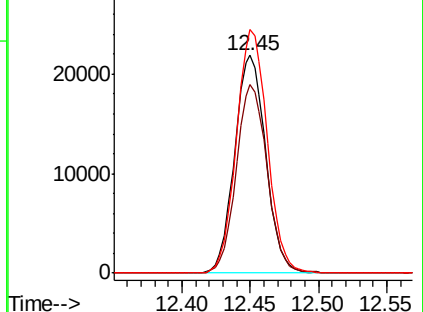
157 111.9 88.2 132.4

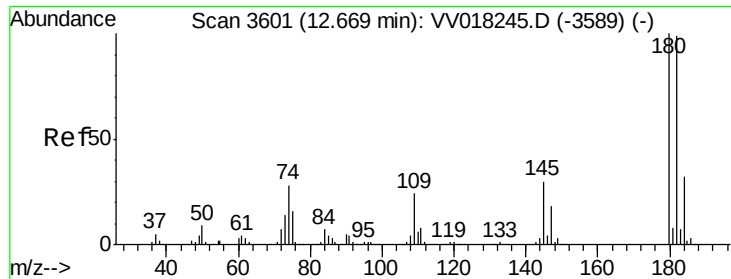


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

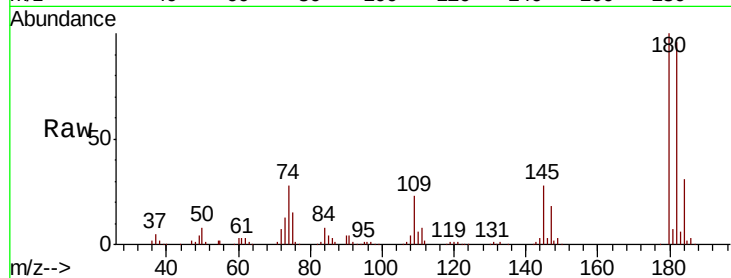




#67
 1,3,5-Trichlorobenzene
 Concen: 45.164 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
184	30.4	24.6	36.8
145	28.6	22.7	34.1



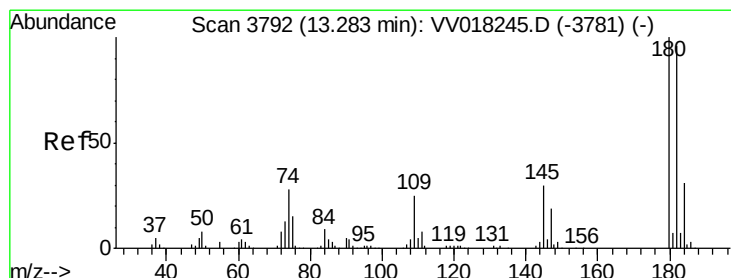
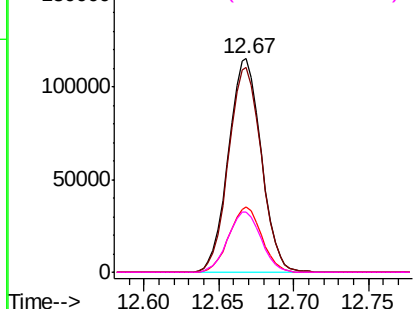
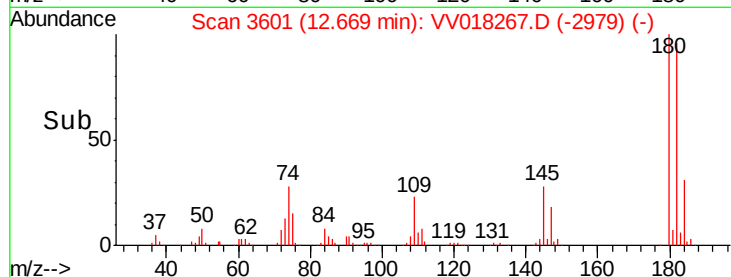
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

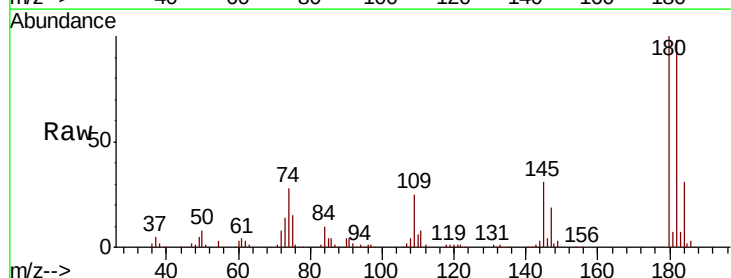
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 46.468 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018267.D
 Acq: 17 Sep 2020 03:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.4	116.2
145	29.8	23.2	34.8

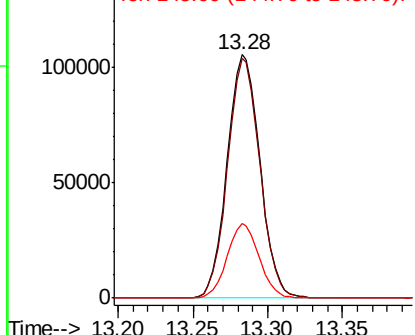
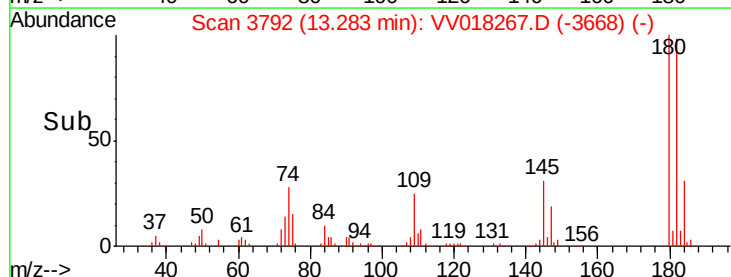


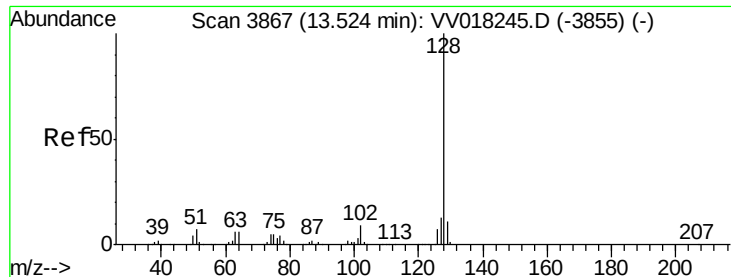
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 53.512 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

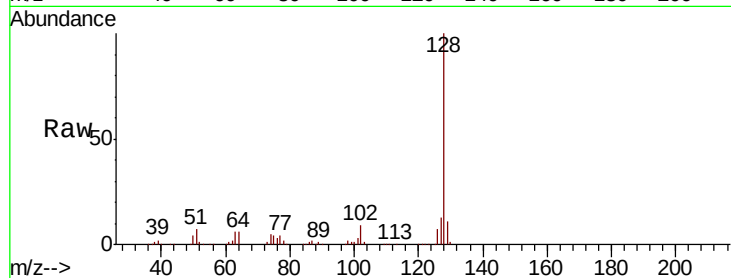
Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 469757

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.6	13.0

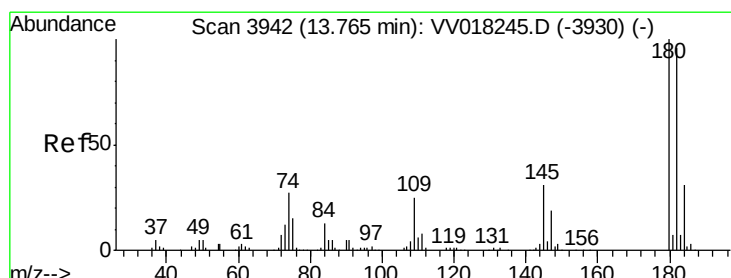
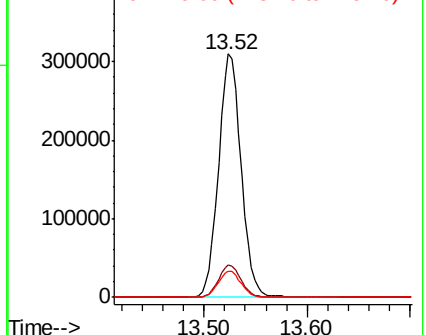
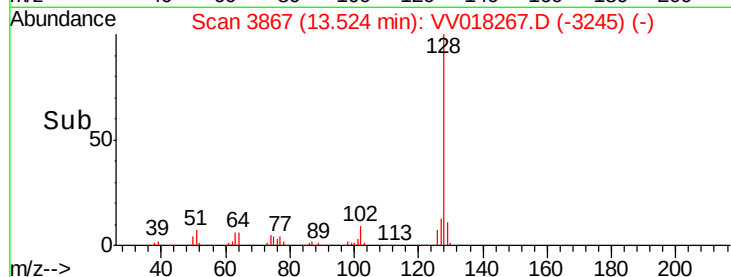


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 48.654 ug/L

RT: 13.77 min Scan# 3943

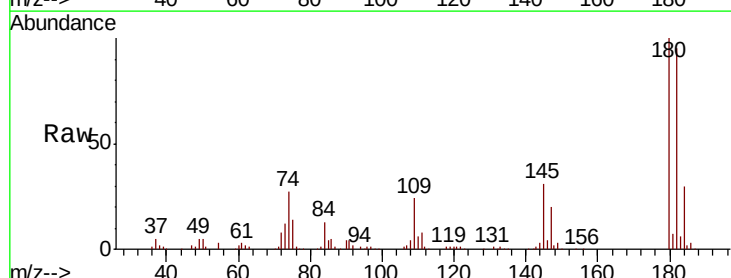
Delta R.T. 0.00 min

Lab File: VV018267.D

Acq: 17 Sep 2020 03:50

Tgt Ion:180 Resp: 166252

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.5	114.7
145	31.7	24.9	37.3



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

