

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016194.D
 Acq On : 26 May 2020 16:12
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 02:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 02:00:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101709	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99362	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	50455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66114	11.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	56170	10.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	124029	10.29	ug/L	0.00
20) 2-Butanone-d5	3.95	46	174583	110.67	ug/L	-0.02
24) Chloroform-d	4.38	84	132830	10.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	68538	9.91	ug/L	0.00
32) Benzene-d6	5.07	84	251153	10.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	78054	10.75	ug/L	0.00
41) Toluene-d8	7.34	98	242772	10.72	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	31179	10.87	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	141007	112.20	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	55856	10.72	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	83466	10.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	90976	11.218	ug/L	99
3) Chloromethane	1.25	50	97257	11.650	ug/L	100
5) Vinyl chloride	1.32	62	90625	11.466	ug/L	98
6) Bromomethane	1.53	94	51295	11.378	ug/L	99
8) Chloroethane	1.60	64	50936	9.215	ug/L	99
9) Trichlorofluoromethane	1.77	101	118281	11.047	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	64305	10.651	ug/L	99
12) 1,1-Dichloroethene	2.14	96	60888	10.594	ug/L	96
13) Acetone	2.23	43	101268	97.623	ug/L	90
14) Carbon disulfide	2.31	76	194511	10.398	ug/L	100
15) Methyl Acetate	2.46	43	26398	10.664	ug/L	100
16) Methylene chloride	2.53	84	63815	9.388	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	149536	10.116	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	65358	10.345	ug/L	95
19) 1,1-Dichloroethane	3.21	63	132890	11.020	ug/L	100
21) 2-Butanone	4.04	43	186477	113.739	ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	75024	11.155	ug/L	100
23) Bromochloromethane	4.28	128	30688	10.872	ug/L	91
25) Chloroform	4.41	83	134994	10.176	ug/L	99
27) 1,2-Dichloroethane	5.16	62	87588	10.552	ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	122890	10.938	ug/L	99
30) Cyclohexane	4.70	56	131588	11.533	ug/L	99
31) Carbon tetrachloride	4.85	117	103141	10.648	ug/L	98
33) Benzene	5.13	78	292310	11.258	ug/L	100
34) Trichloroethene	5.94	95	76049	10.481	ug/L	98
35) Methylcyclohexane	6.15	83	131220	11.684	ug/L	99
37) 1,2-Dichloropropane	6.20	63	72442	10.975	ug/L #	97
38) Bromodichloromethane	6.53	83	91934	11.148	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	108255	11.694	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	461425	112.870	ug/L	99

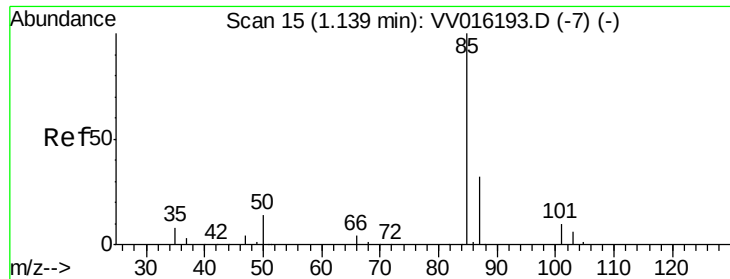
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	321124	11.633	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	311603	12.206	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	318323	12.458	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	91653	11.719	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	48322	11.010	ug/L	97
49) Tetrachloroethene	8.00	164	56340	11.002	ug/L	99
50) 2-Hexanone	8.17	43	334307	116.319	ug/L	99
51) Dibromochloromethane	8.27	129	53712	11.132	ug/L	97
52) 1,2-Dibromoethane	8.38	107	46306	11.419	ug/L	95
53) Chlorobenzene	8.90	112	198726	11.240	ug/L	99
54) Ethylbenzene	9.03	91	368699	11.709	ug/L	98
55) m,p-xylene	9.16	106	139489	11.983	ug/L	97
56) o-xylene	9.56	106	131955	11.861	ug/L	100
57) Styrene	9.58	104	228232	12.264	ug/L	99
58) Isopropylbenzene	9.95	105	363995	11.941	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	58736	12.205	ug/L	100
62) Bromoform	9.75	173	23624	10.099	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	157873	11.217	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	156700	11.021	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	143363	11.229	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	10078	11.910	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	112880	11.015	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	99230	11.217	ug/L	99
70) Naphthalene	13.53	128	195417	13.204	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	87761	11.241	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 11.218 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

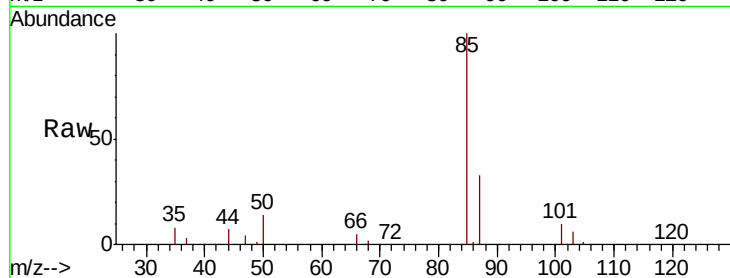
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 90976

Ion Ratio Lower Upper

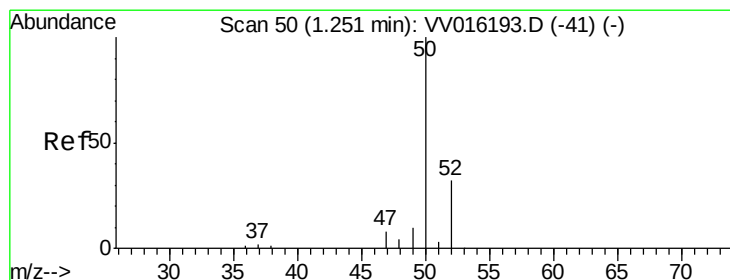
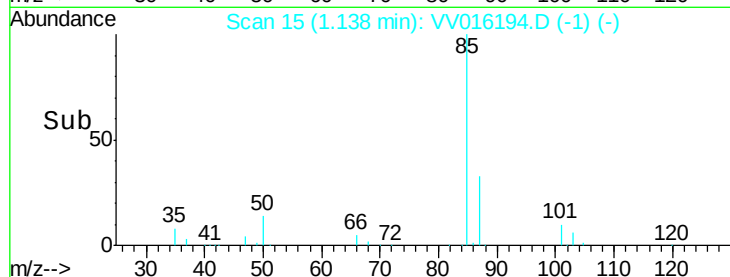
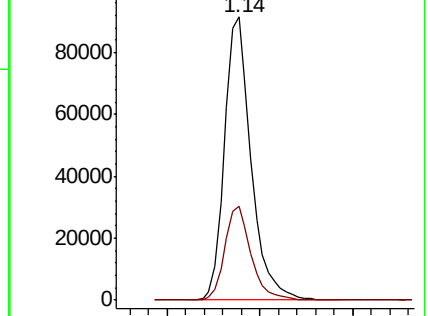
85 100

87 32.7 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 11.650 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV016194.D

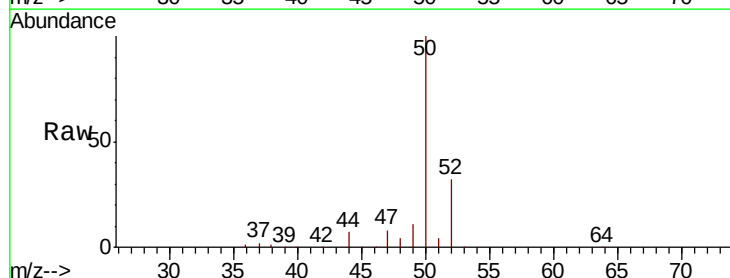
Acq: 26 May 2020 16:12

Tgt Ion: 50 Resp: 97257

Ion Ratio Lower Upper

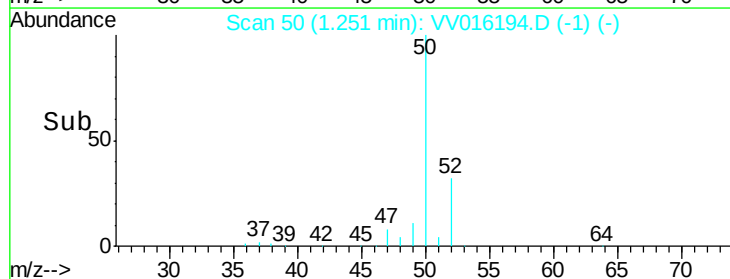
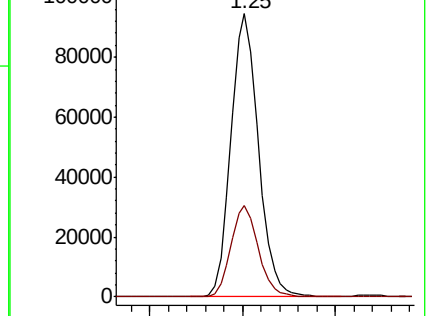
50 100

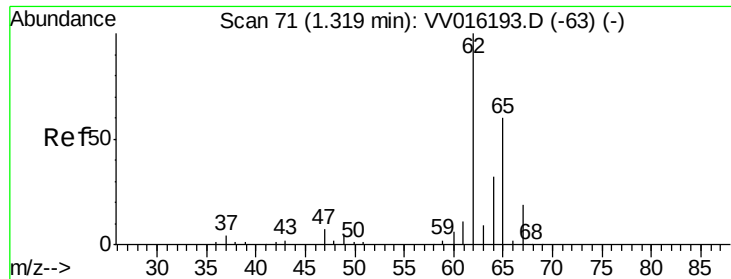
52 32.2 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 11.466 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

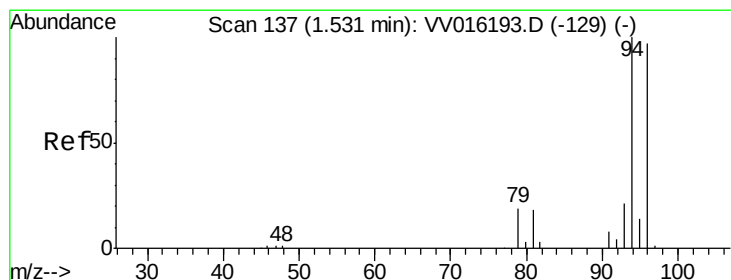
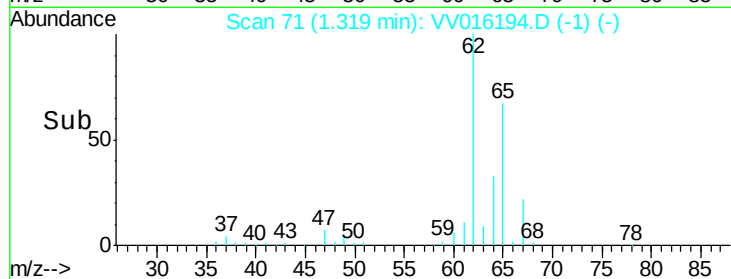
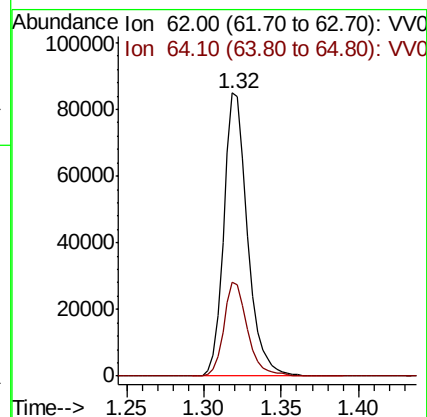
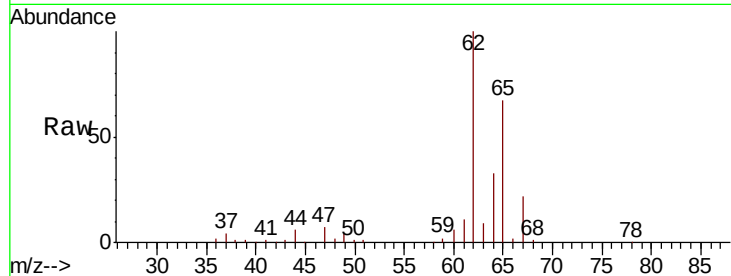
ClientSampleId :

Tot Ion: 62 Resp: 90625

Ion Ratio Lower Upper

62 100

64 33.0 22.1 41.1



#6

Bromomethane

Concen: 11.378 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV016194.D

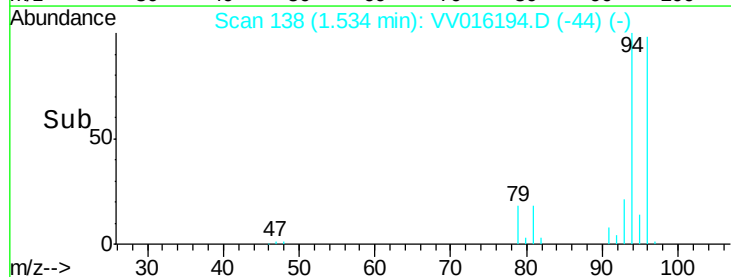
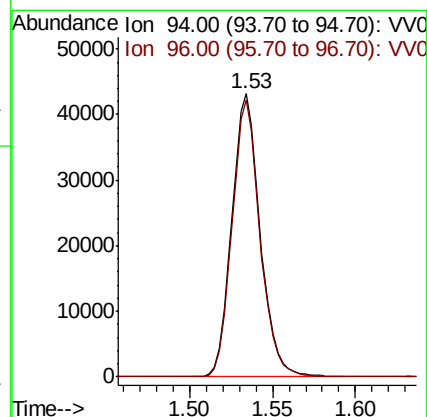
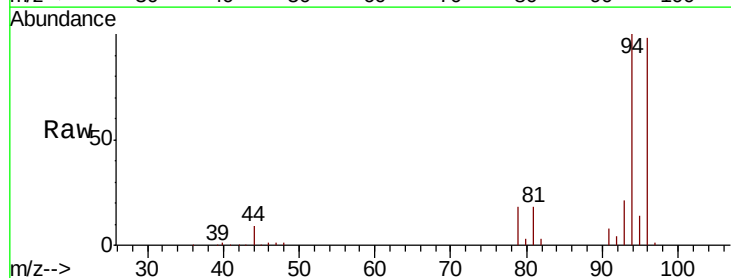
Acq: 26 May 2020 16:12

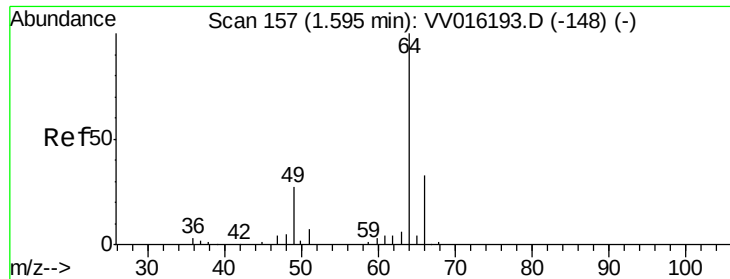
Tgt Ion: 94 Resp: 51295

Ion Ratio Lower Upper

94 100

96 97.9 67.7 125.7

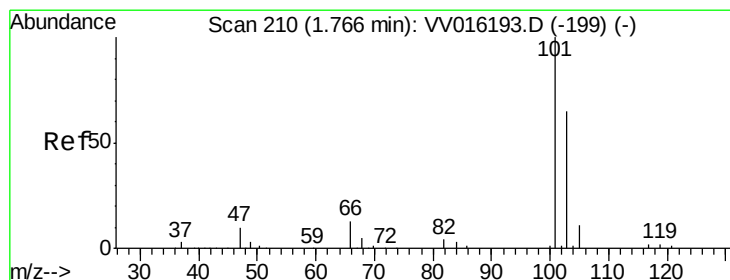
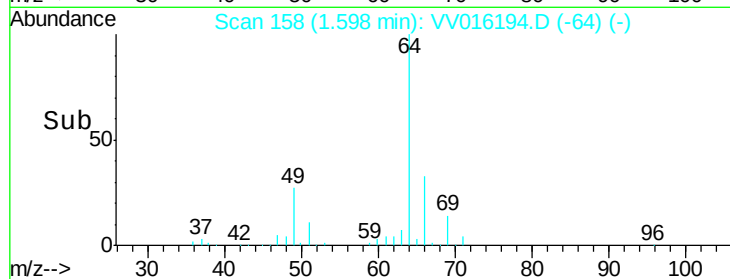
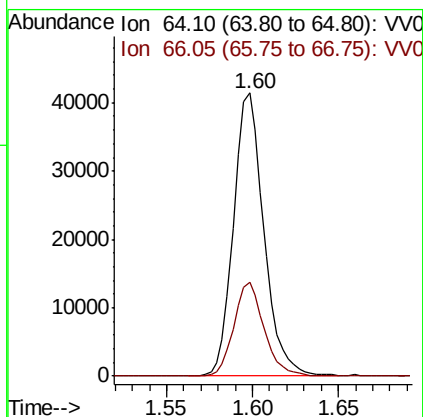
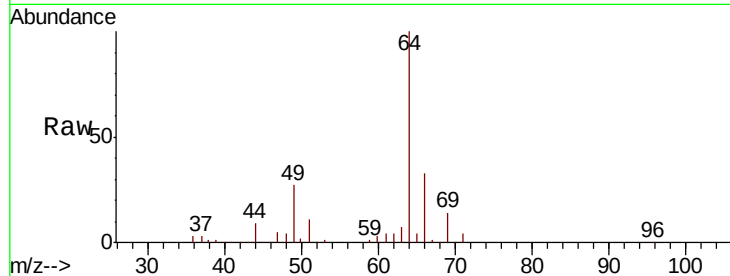




#8
Chloroethane
Concen: 9.215 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

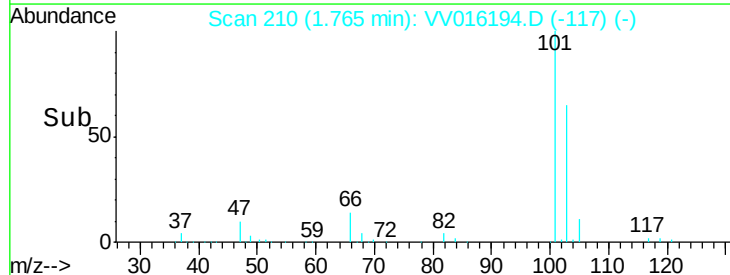
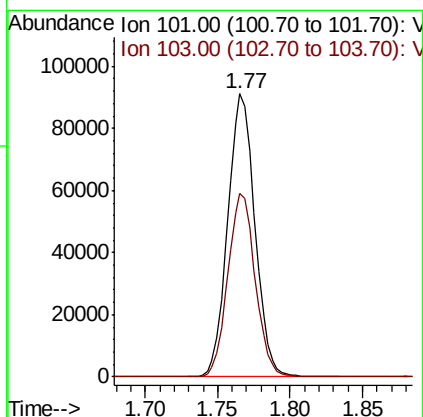
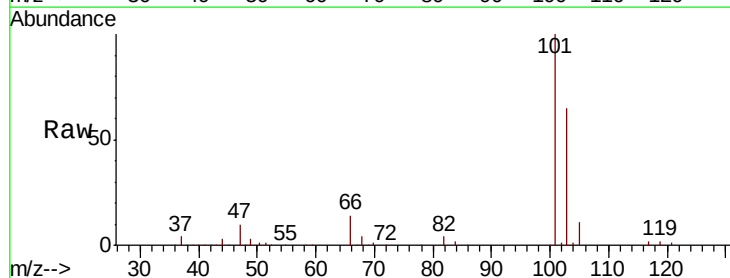
Instrument :
MSVOA_V
ClientSampleId :

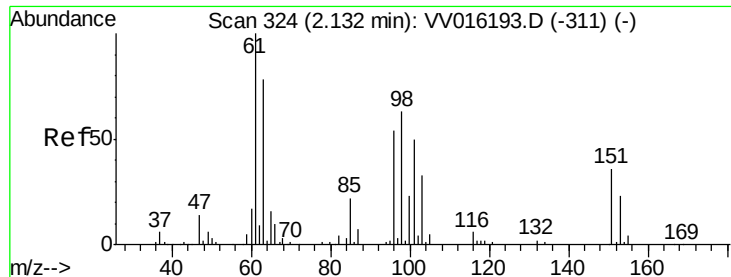
Tot Ion: 64 Resp: 50936
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 11.047 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Tgt Ion:101 Resp: 118281
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9





#10

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

Concen: 10.651 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

ClientSampled :

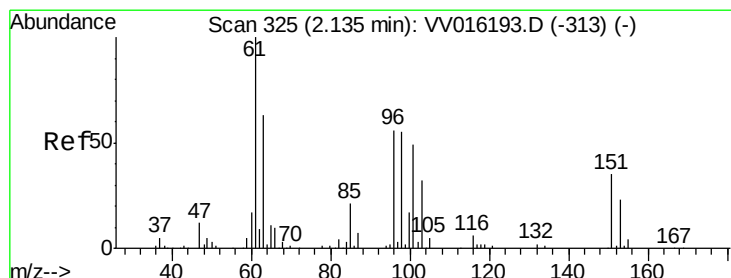
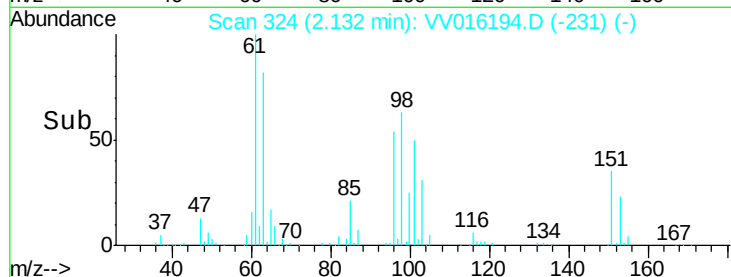
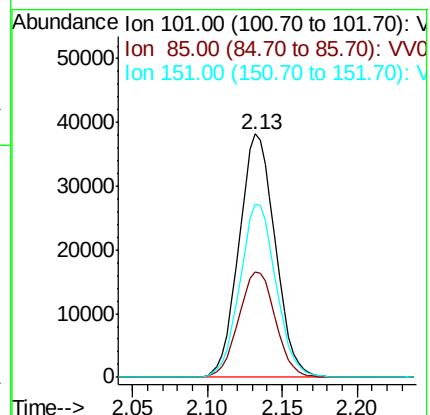
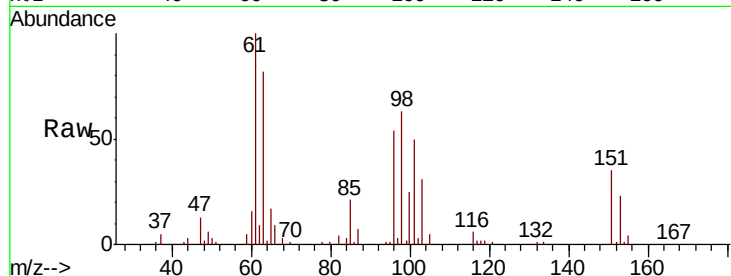
Tot Ion:101 Resp: 64305

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

151 71.2 56.3 84.5



#12

1,1-Dichloroethene

Concen: 10.594 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

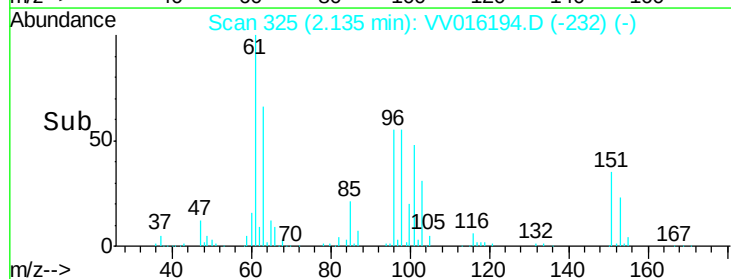
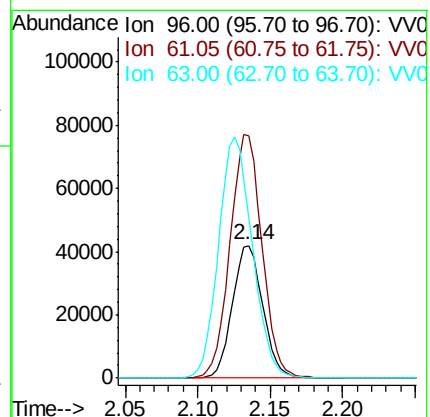
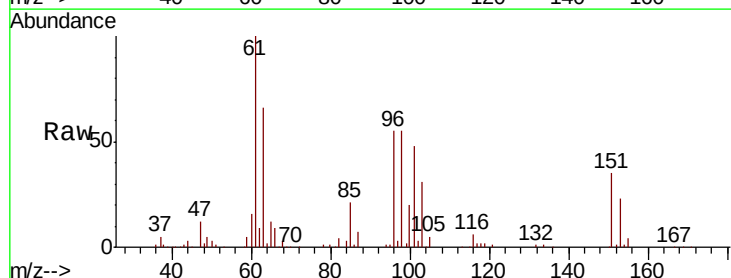
Tgt Ion: 96 Resp: 60888

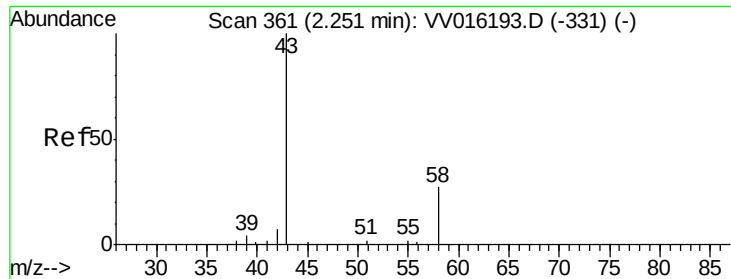
Ion Ratio Lower Upper

96 100

61 182.8 124.9 231.9

63 121.3 80.4 149.2





#13

Acetone

Concen: 97.623 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.02 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

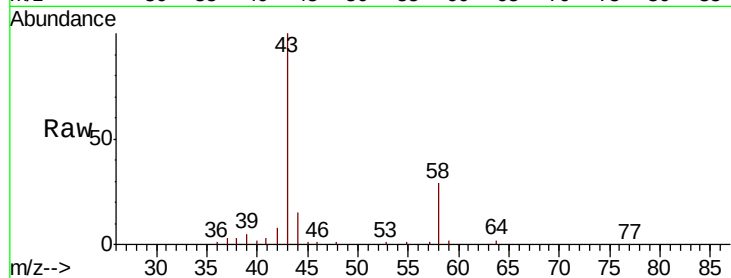
ClientSampleId :

Tot Ion: 43 Resp: 101268

Ion Ratio Lower Upper

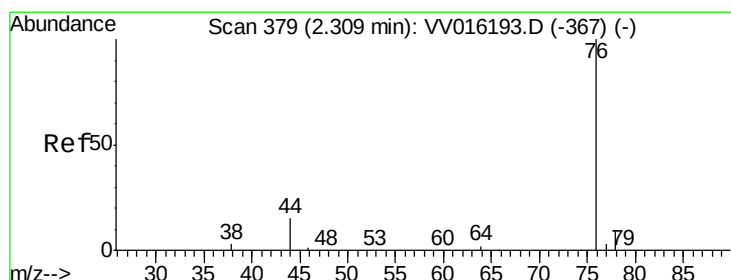
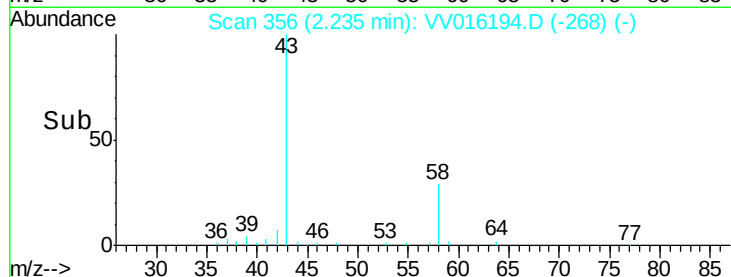
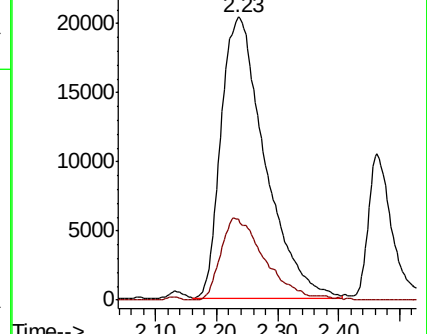
43 100

58 29.2 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 10.398 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV016194.D

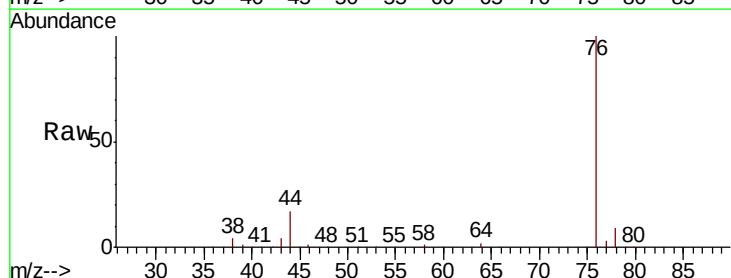
Acq: 26 May 2020 16:12

Tgt Ion: 76 Resp: 194511

Ion Ratio Lower Upper

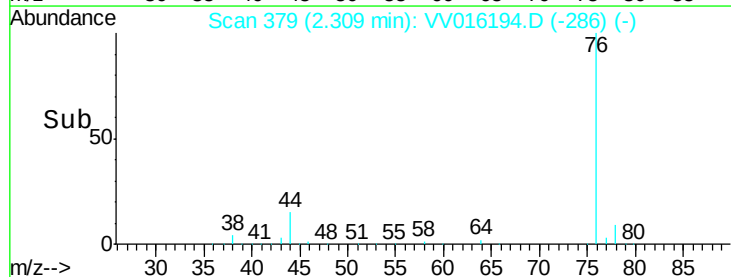
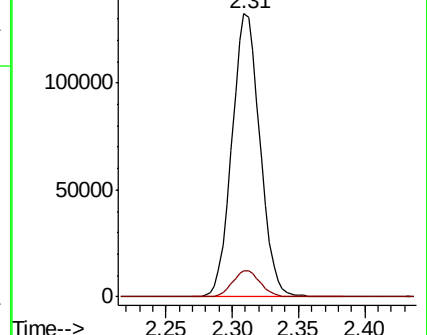
76 100

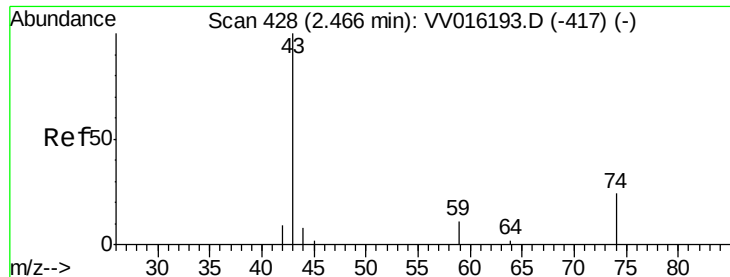
78 9.3 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

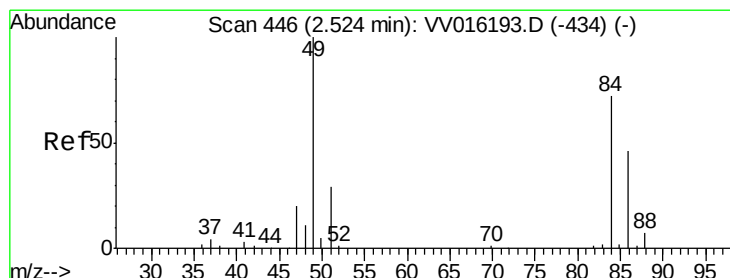
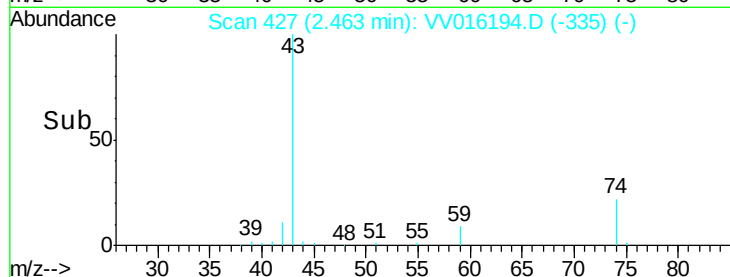
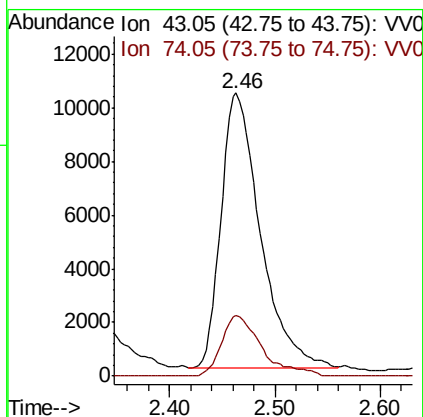
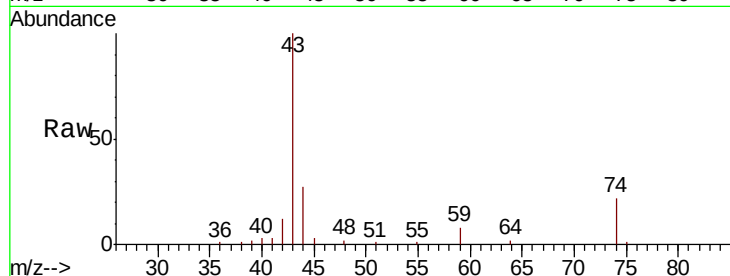




#15
Methvl Acetate
Concen: 10.664 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

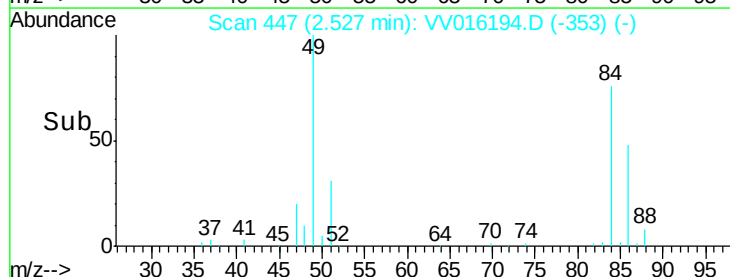
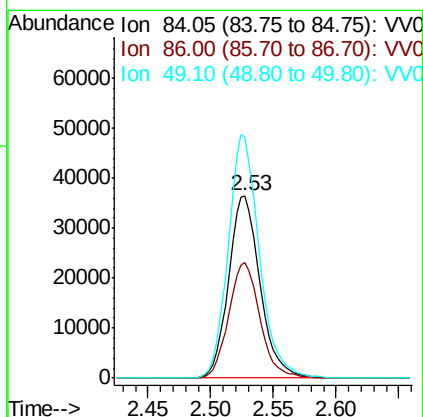
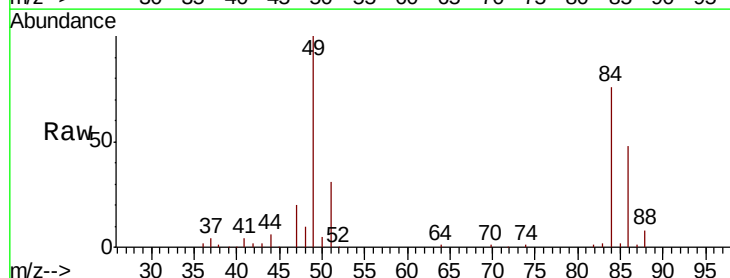
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MSVOA_V
ClientSampleId :

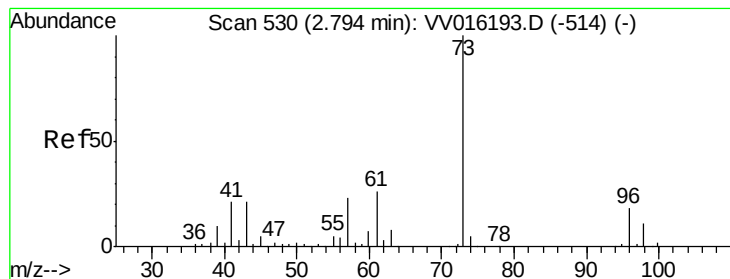
Tot Ion: 43 Resp: 26398
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1



#16
Methylene chloride
Concen: 9.388 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Tgt Ion: 84 Resp: 63815
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.5
49 132.0 96.7 179.7



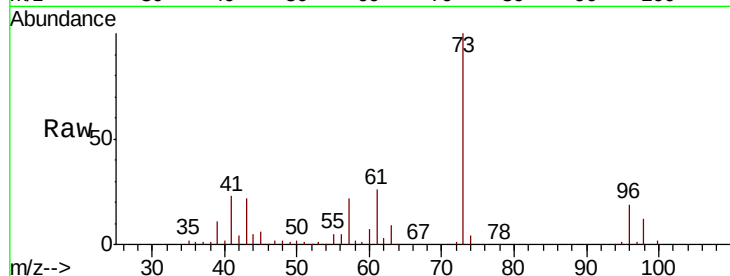


#17

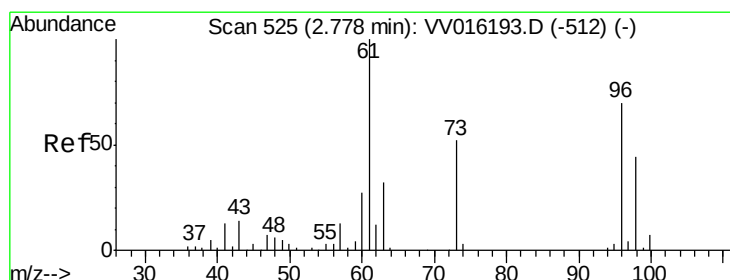
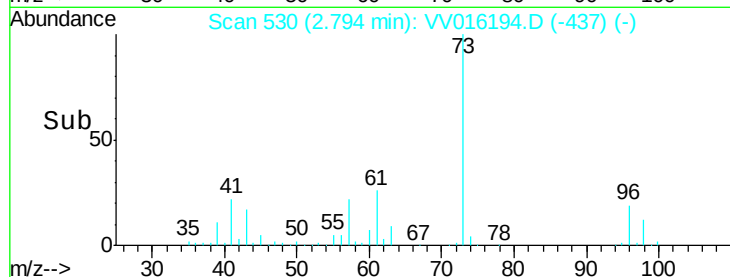
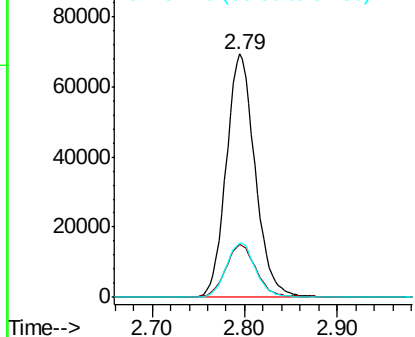
Methyl tert-butyl Ether
 Concen: 10.116 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 73 Resp: 149536
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.8 26.8
 57 22.8 18.9 28.3



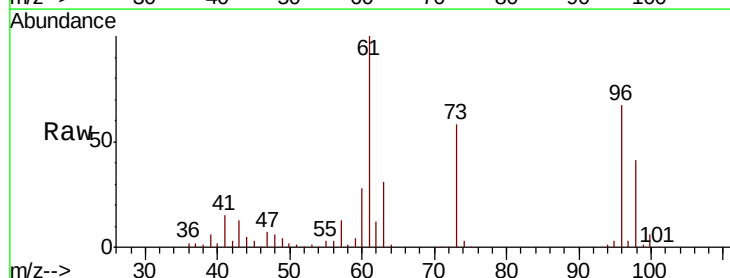
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



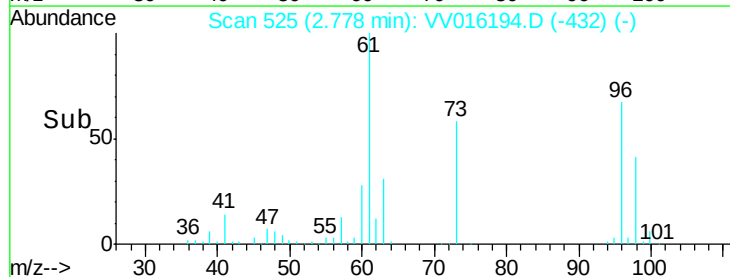
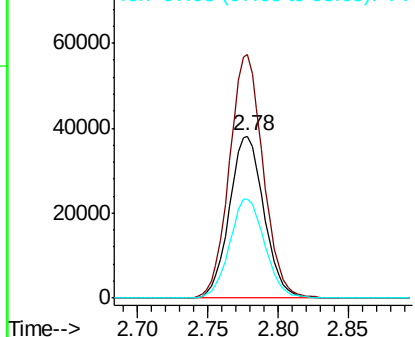
#18

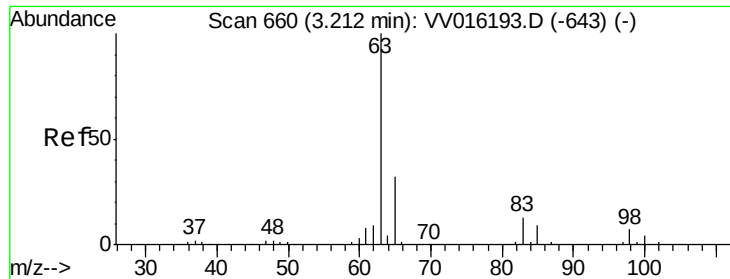
trans-1,2-Dichloroethene
 Concen: 10.345 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 96 Resp: 65358
 Ion Ratio Lower Upper
 96 100
 61 150.3 99.8 185.4
 98 61.4 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

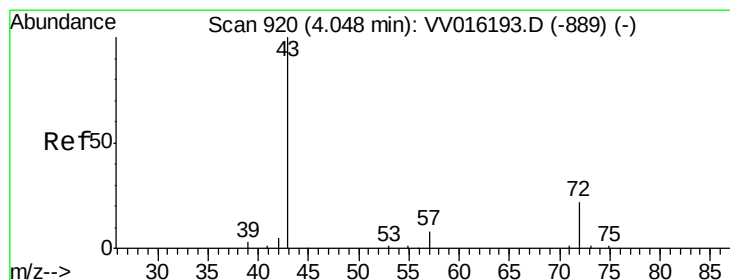
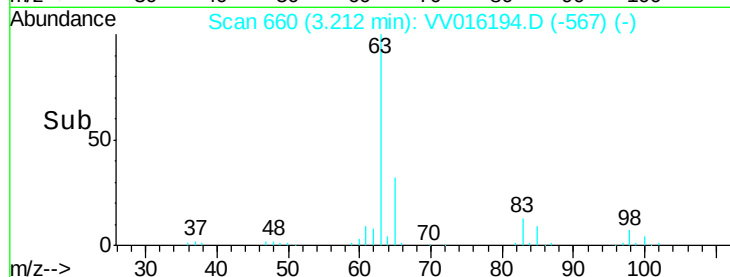
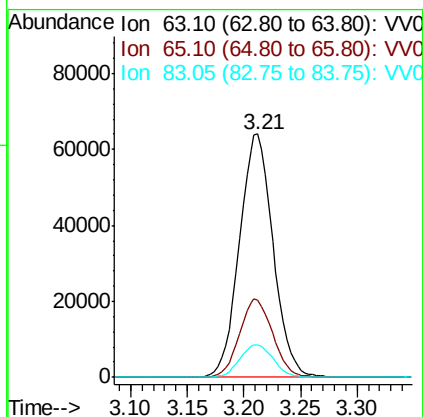
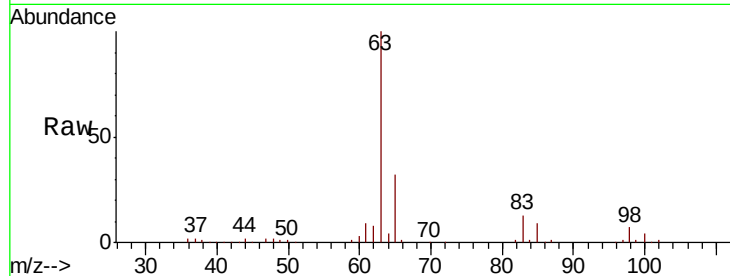




#19
 1,1-Dichloroethane
 Concen: 11.020 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

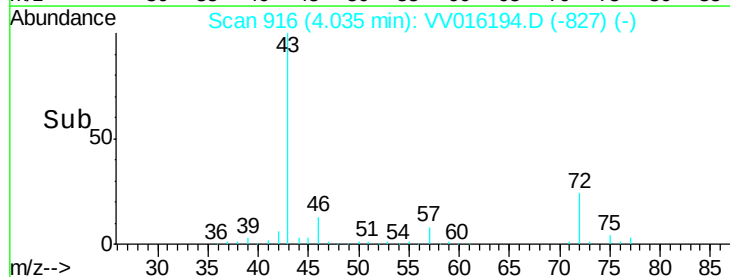
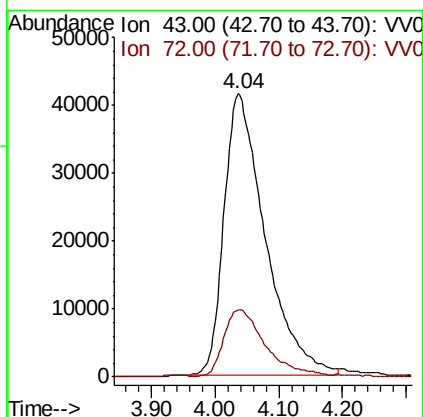
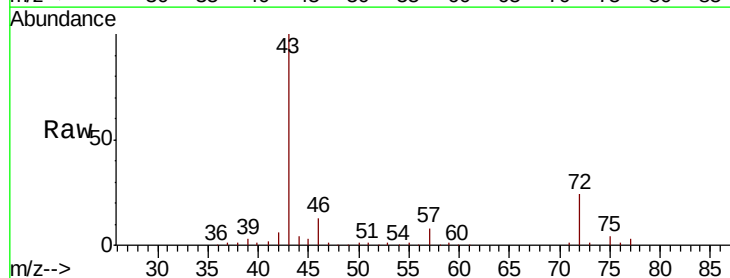
Instrument :
 MSVOA_V
 ClientSampleId :

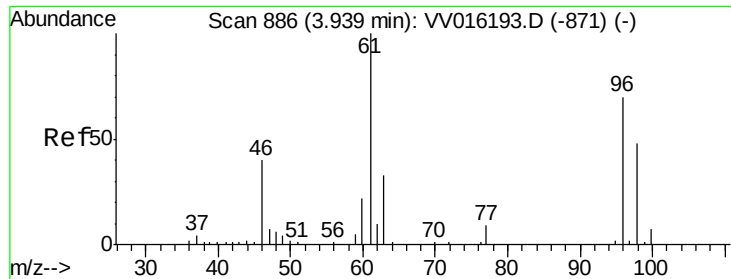
Tot Ion: 63 Resp: 132890
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.3 41.5
 83 13.3 9.4 17.4



#21
 2-Butanone
 Concen: 113.739 ug/L
 RT: 4.04 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 43 Resp: 186477
 Ion Ratio Lower Upper
 43 100
 72 24.3 9.7 28.9



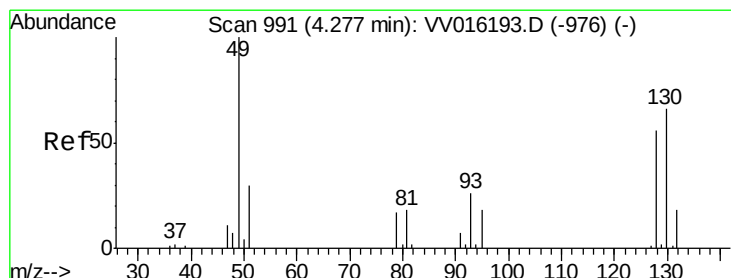
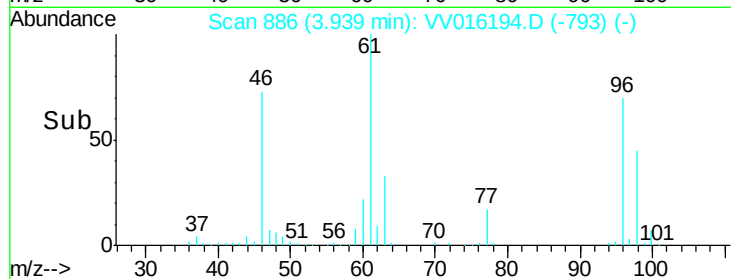
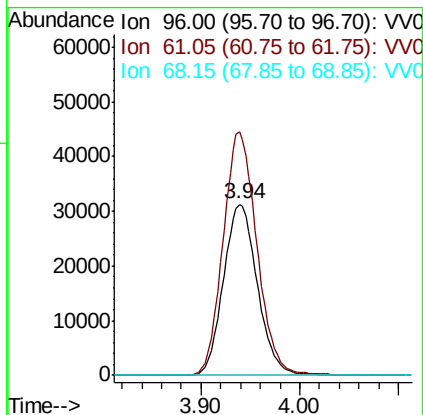
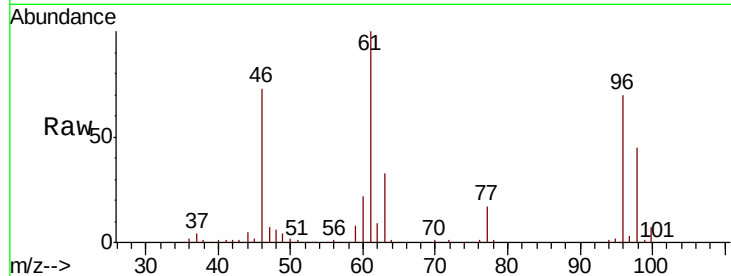


#22

cis-1,2-Dichloroethene
 Concen: 11.155 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_V
 ClientSampled :

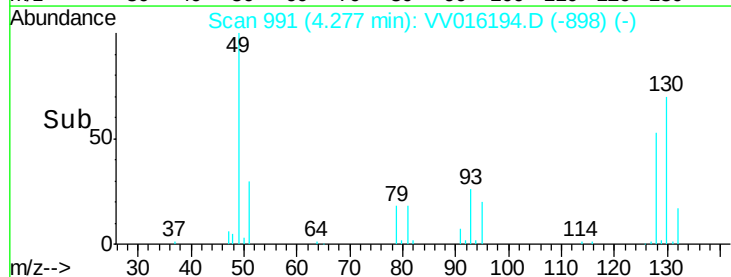
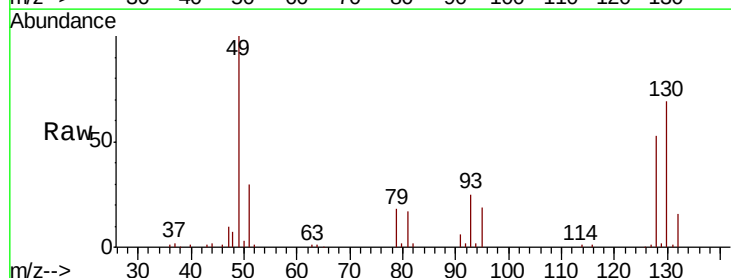
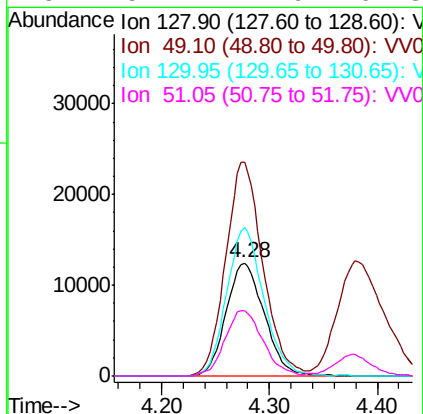
Tot Ion: 96 Resp: 75024
 Ion Ratio Lower Upper
 96 100
 61 142.3 99.7 185.1
 68 0.0 0.0 0.0

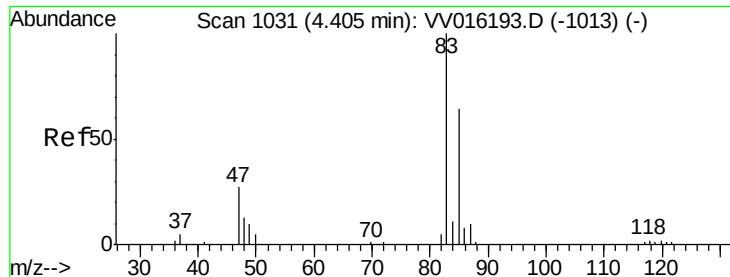


#23

Bromochloromethane
 Concen: 10.872 ug/L
 RT: 4.28 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 128 Resp: 30688
 Ion Ratio Lower Upper
 128 100
 49 189.6 125.5 233.1
 130 131.6 83.0 154.2
 51 57.7 42.9 64.3

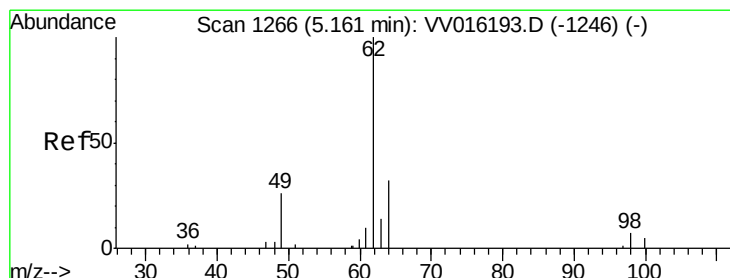
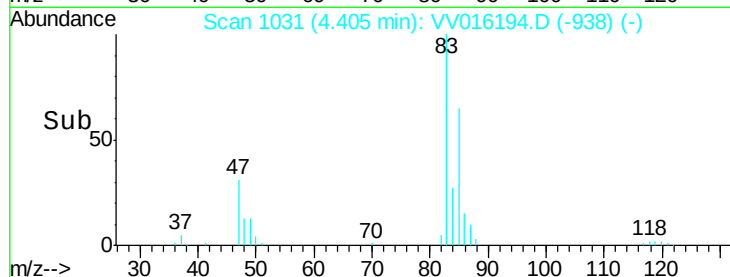
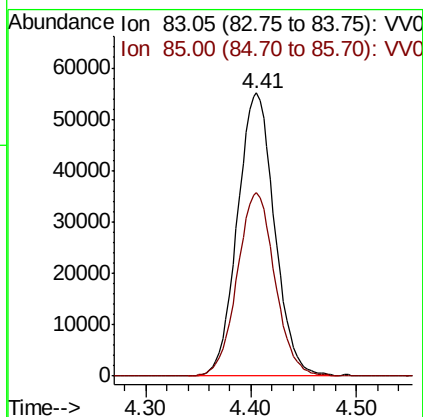
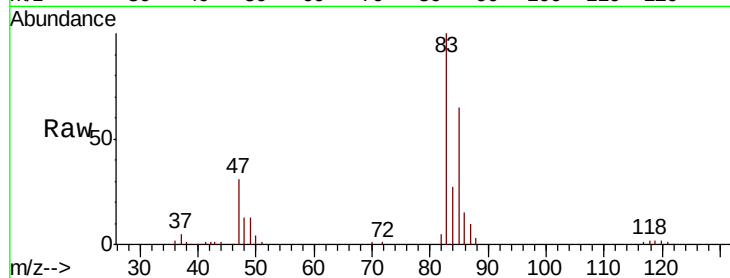




#25
Chloroform
Concen: 10.176 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

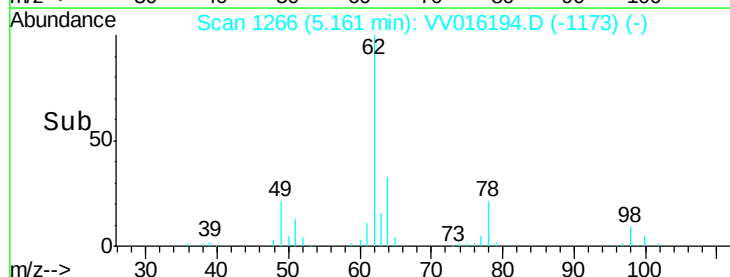
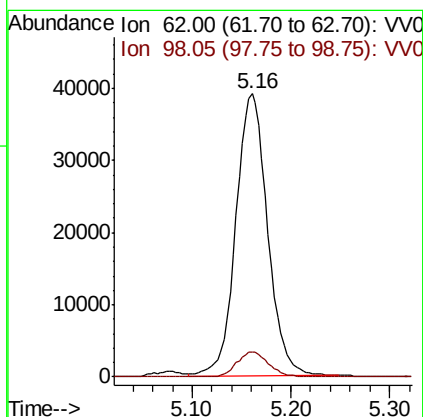
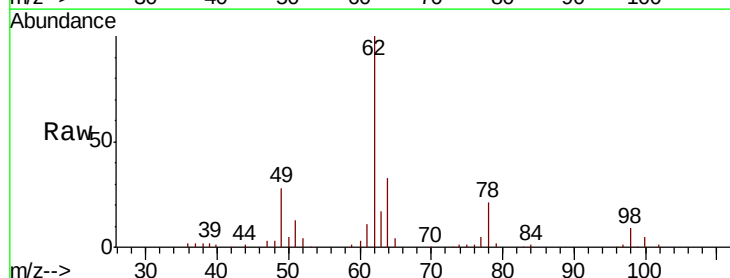
Instrument :
MSVOA_V
ClientSampleId :

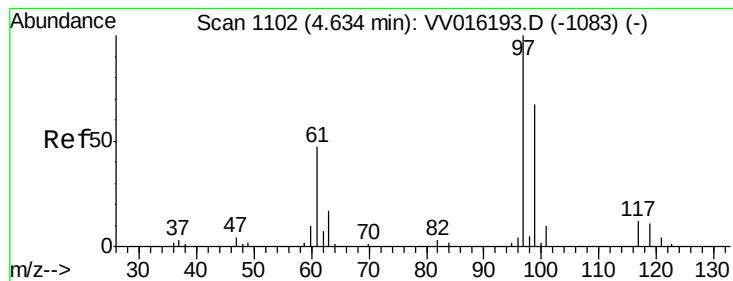
Tot Ion: 83 Resp: 134994
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 10.552 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Tgt Ion: 62 Resp: 87588
Ion Ratio Lower Upper
62 100
98 8.9 5.7 8.5#





#29

1,1,1-Trichloroethane

Concen: 10.938 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

ClientSampleId :

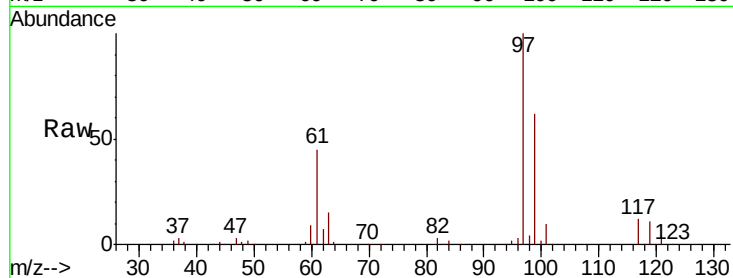
Tot Ion: 97 Resp: 122890

Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

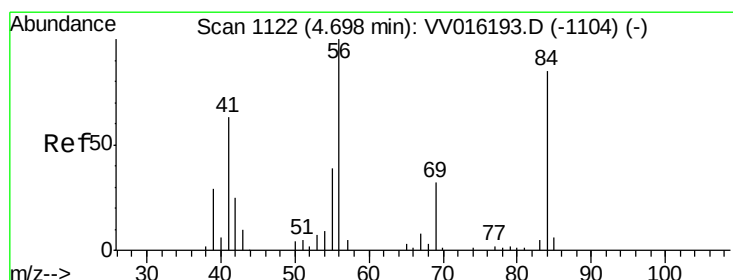
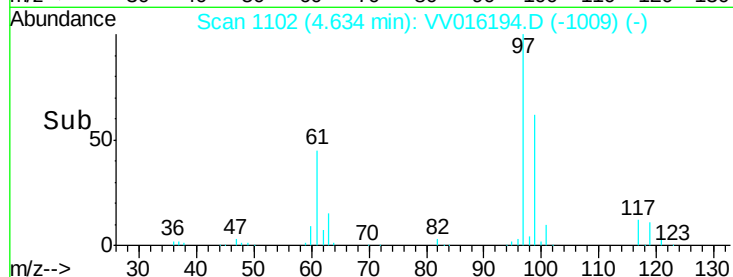
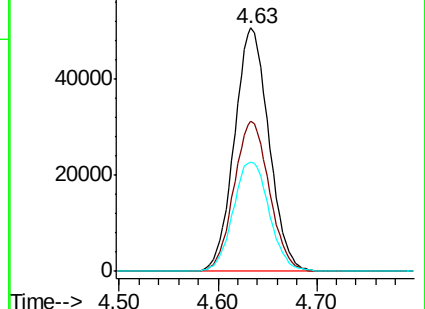
61 47.3 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 11.533 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

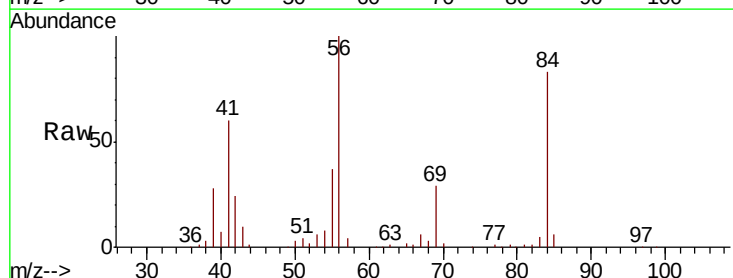
Tgt Ion: 56 Resp: 131588

Ion Ratio Lower Upper

56 100

69 29.9 24.6 36.8

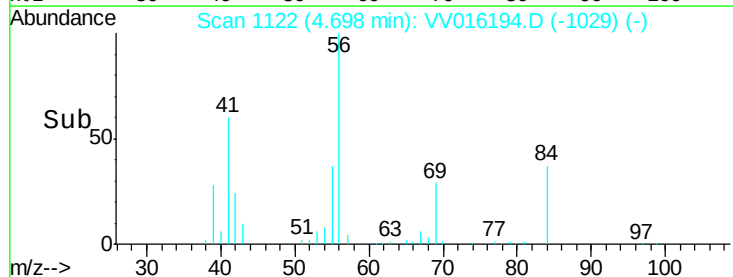
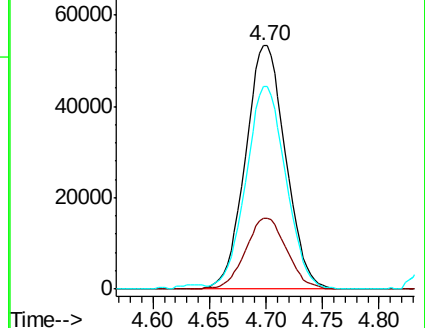
84 83.1 67.1 100.7

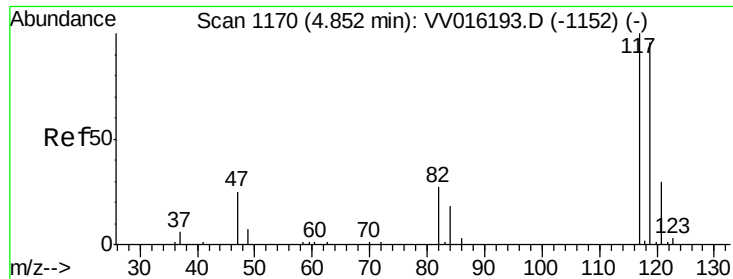


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 10.648 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

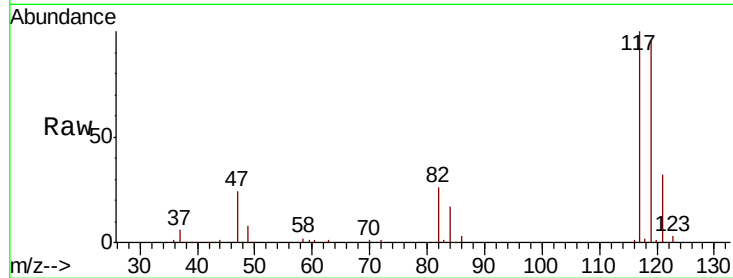
ClientSampleId :

Tot Ion:117 Resp: 103141

Ion Ratio Lower Upper

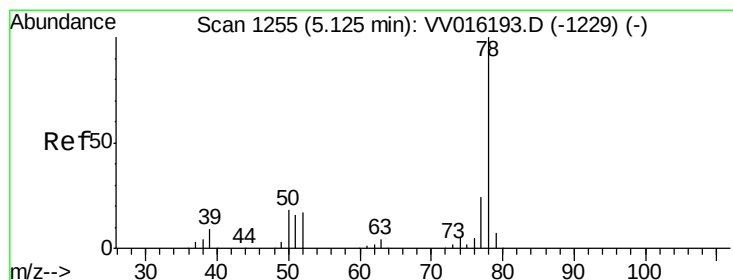
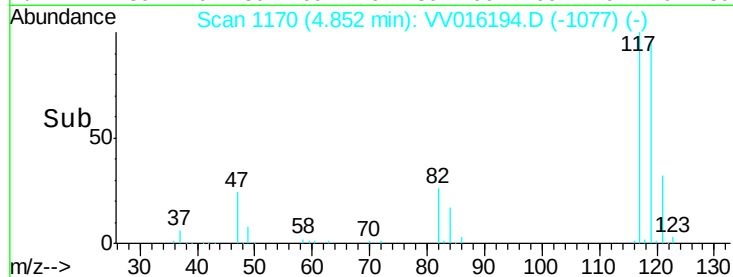
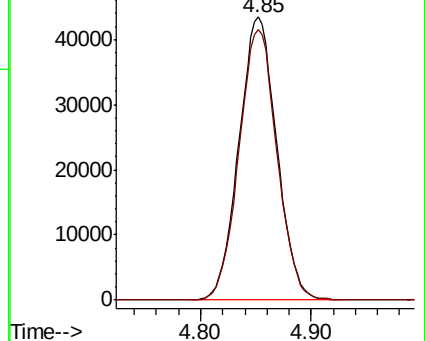
117 100

119 96.1 75.2 112.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 11.258 ug/L

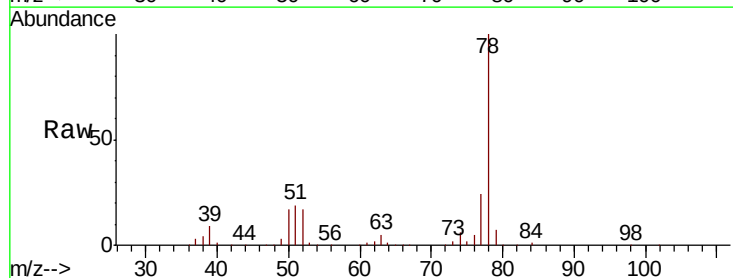
RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

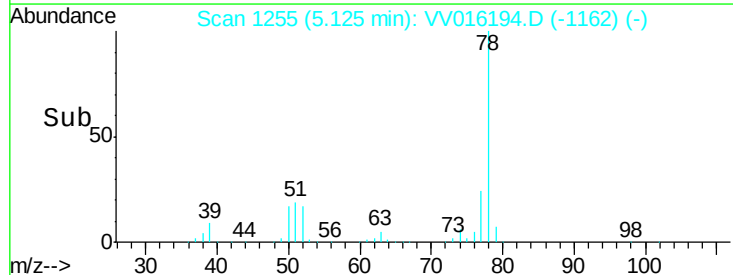
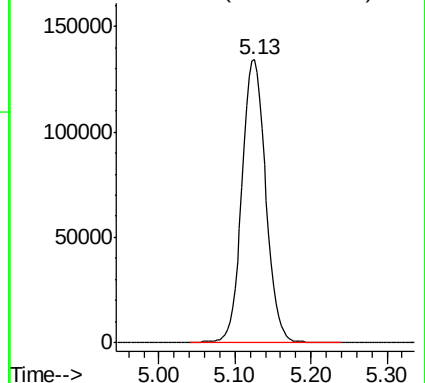
Lab File: VV016194.D

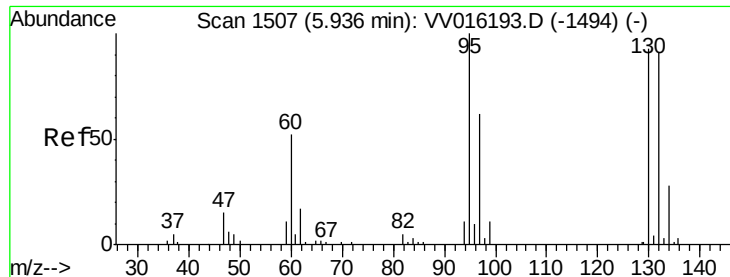
Acq: 26 May 2020 16:12

Tgt Ion: 78 Resp: 292310



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 10.481 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 76049

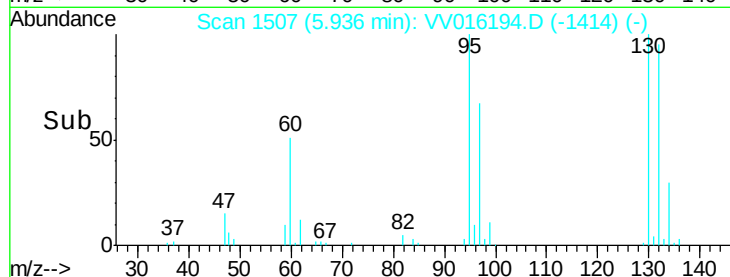
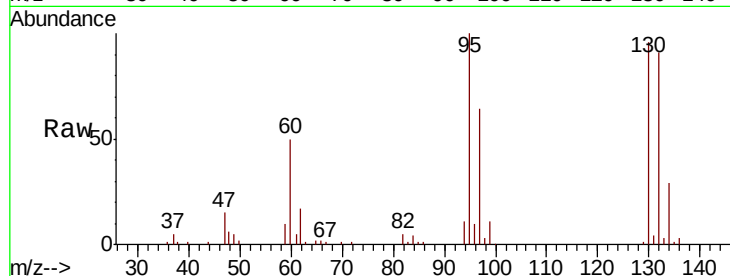
Ion Ratio Lower Upper

95 100

97 64.3 43.6 81.0

132 91.3 63.9 118.7

130 96.0 65.2 121.0

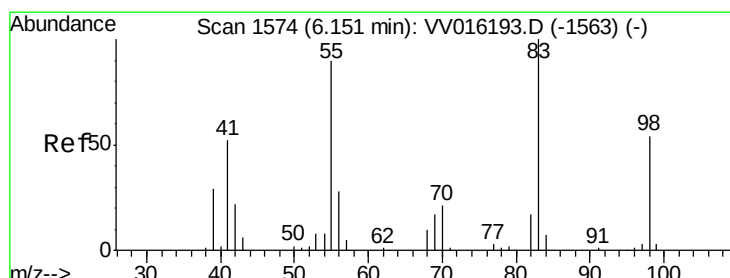
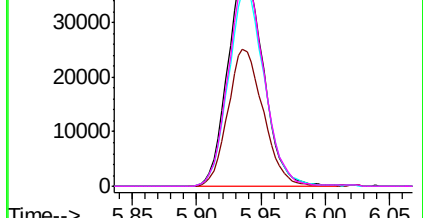


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 11.684 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

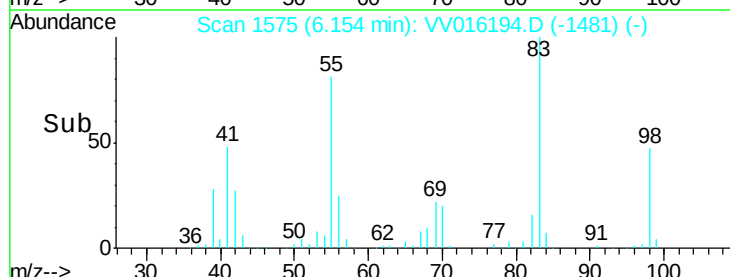
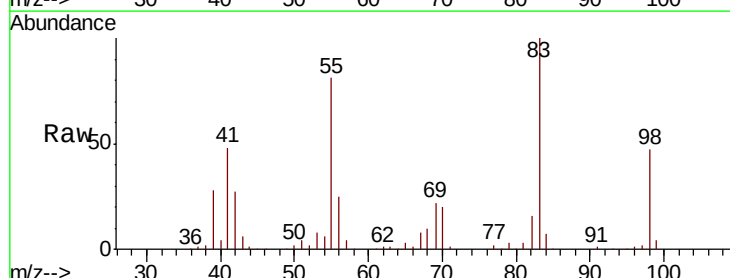
Tgt Ion: 83 Resp: 131220

Ion Ratio Lower Upper

83 100

55 81.9 65.4 98.0

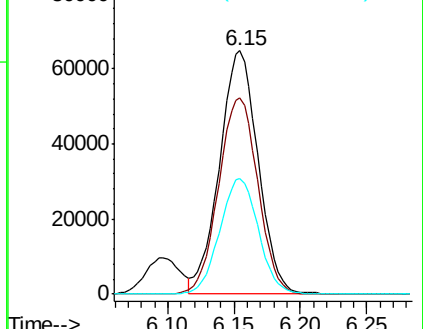
98 47.7 39.3 58.9

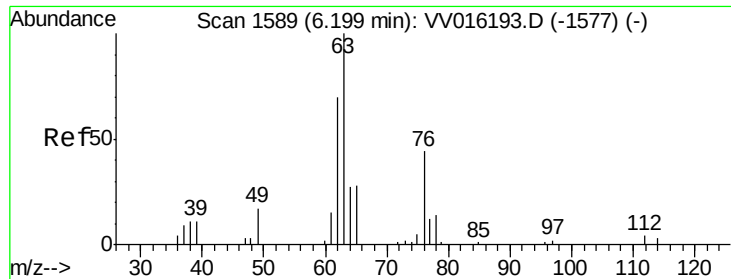


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

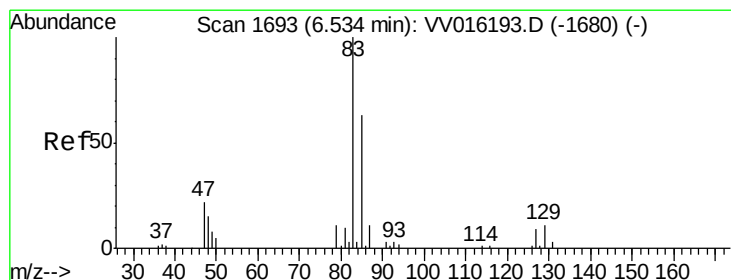
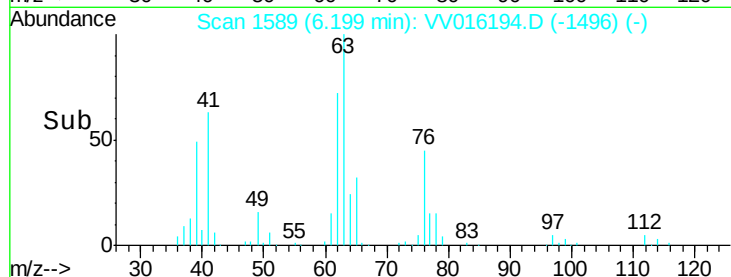
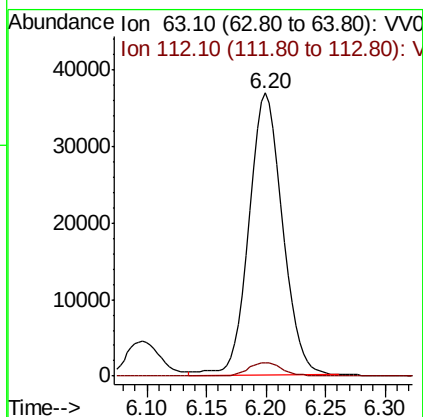
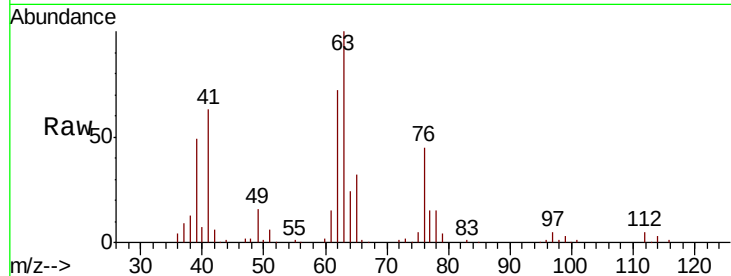




#37
 1,2-Dichloropropane
 Concen: 10.975 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

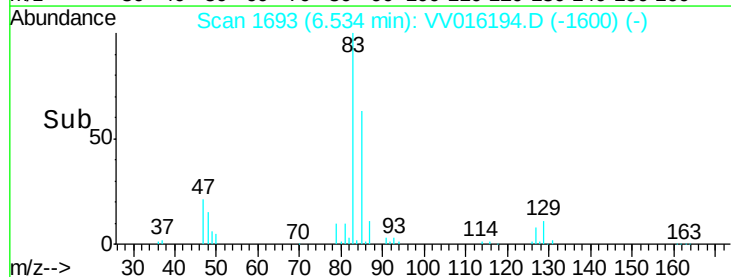
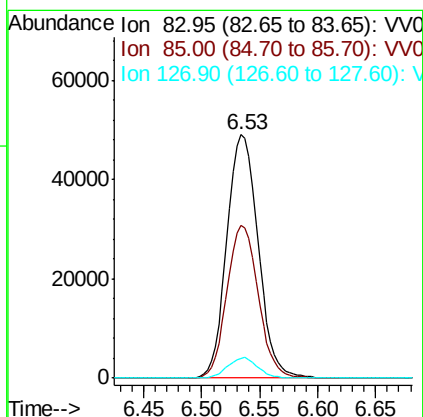
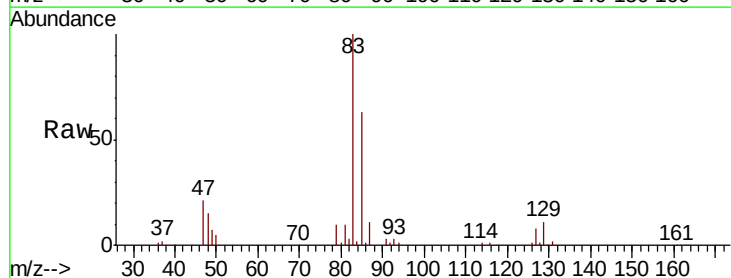
Instrument :
 MSVOA_V
 ClientSampled :

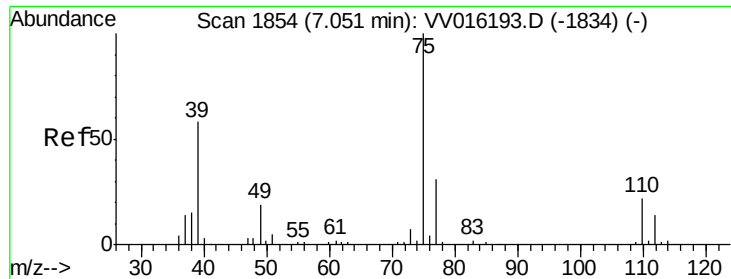
Tot Ion: 63 Resp: 72442
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 11.148 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 83 Resp: 91934
 Ion Ratio Lower Upper
 83 100
 85 62.6 44.2 82.2
 127 8.2 7.1 10.7

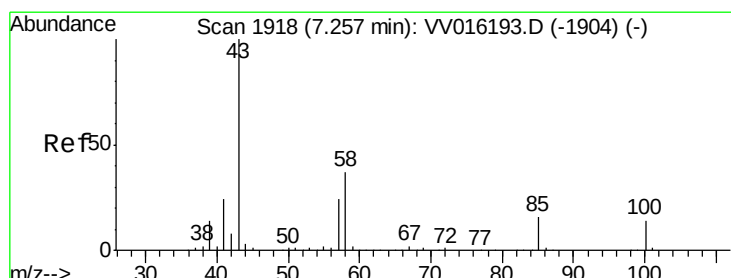
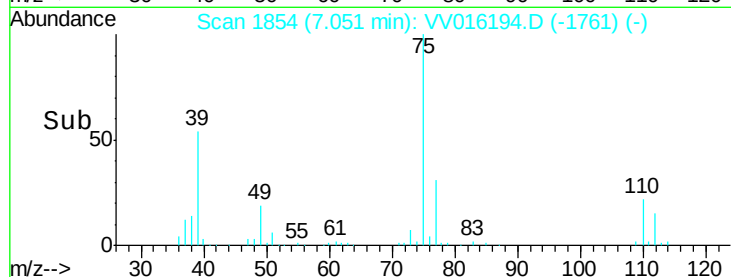
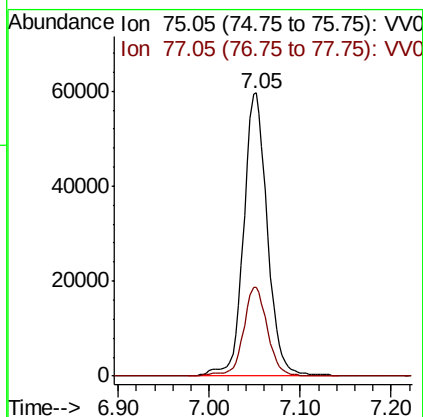
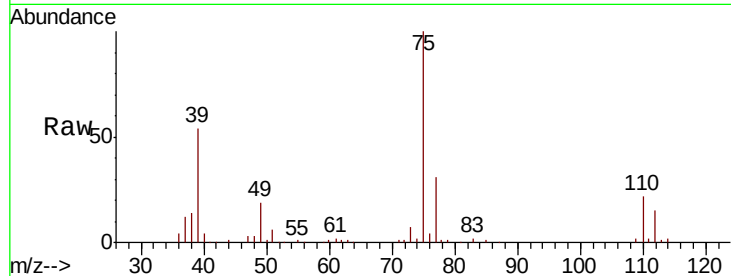




#39
 cis-1,3-Dichloropropene
 Concen: 11.694 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

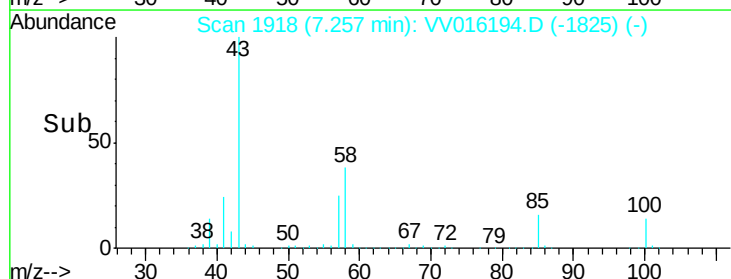
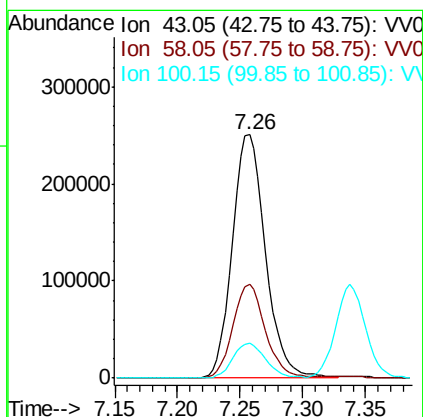
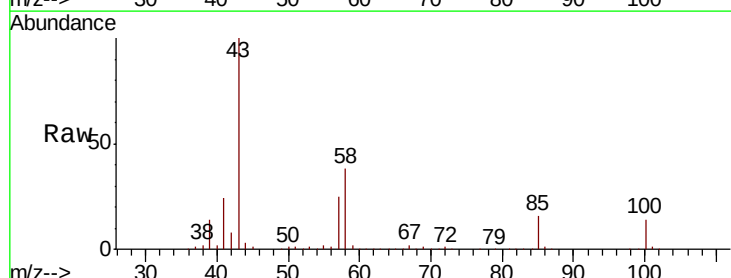
Instrument :
 MSVOA_V
 ClientSampleId :

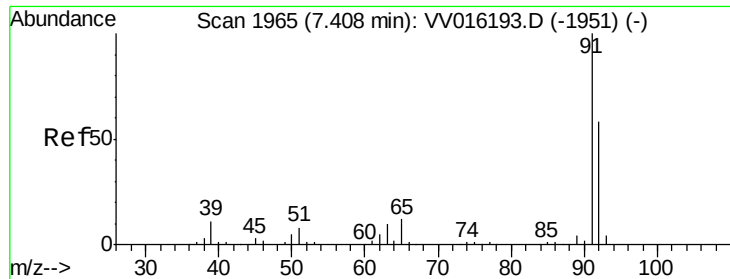
Tot Ion: 75 Resp: 108255
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 112.870 ug/L
 RT: 7.26 min Scan# 1918
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 43 Resp: 461425
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.5 44.3
 100 14.3 11.1 16.7





#42

Toluene

Concen: 11.633 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

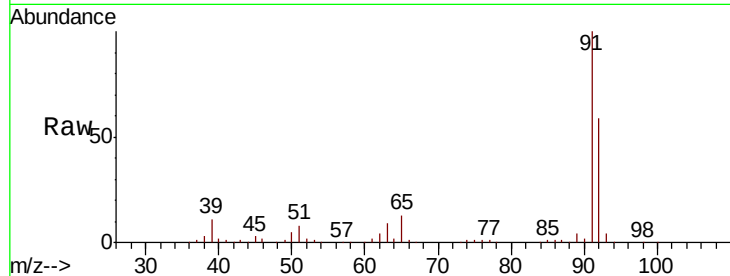
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 321124

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016194.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV016194.D (-1872) (-)

7.41

200000

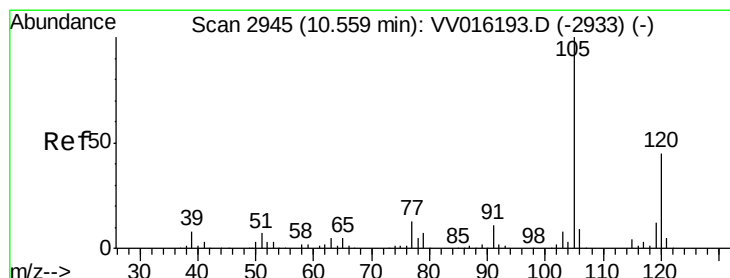
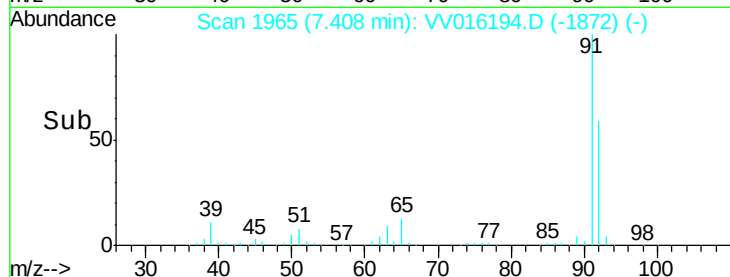
150000

100000

50000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#43

1,3,5-Trimethylbenzene

Concen: 12.206 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. -0.00 min

Lab File: VV016194.D

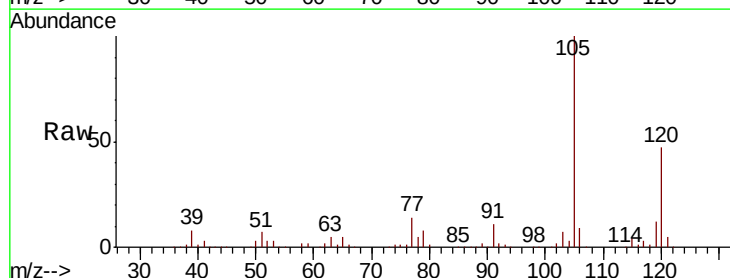
Acq: 26 May 2020 16:12

Tgt Ion: 105 Resp: 311603

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.0



Abundance Ion 105.00 (104.70 to 105.70): VV016194.D (-2323) (-)

Ion 120.00 (119.70 to 120.70): VV016194.D (-2323) (-)

250000

200000

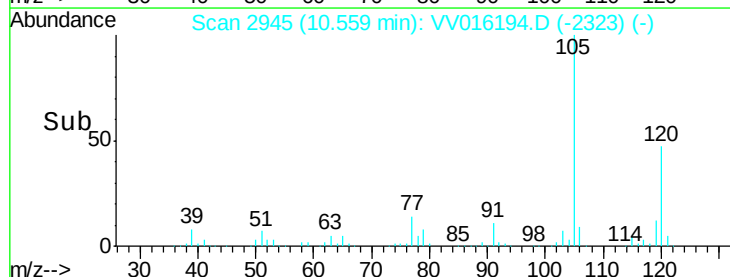
150000

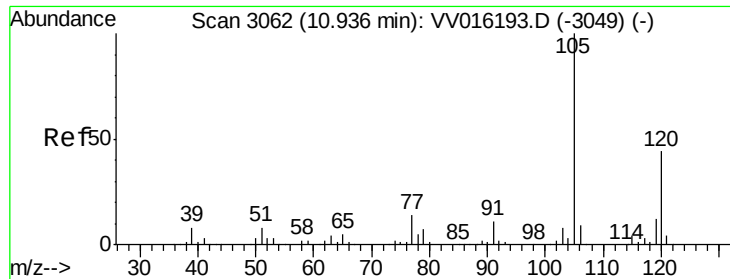
100000

50000

0

Time--> 10.50 10.55 10.60

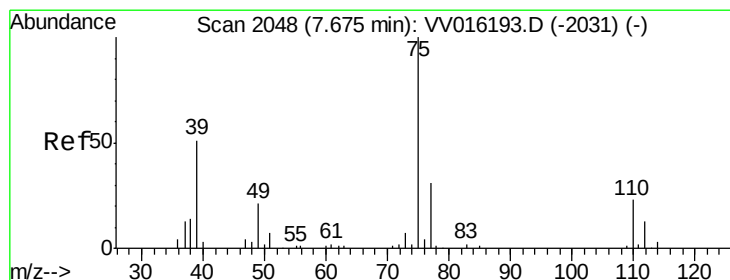
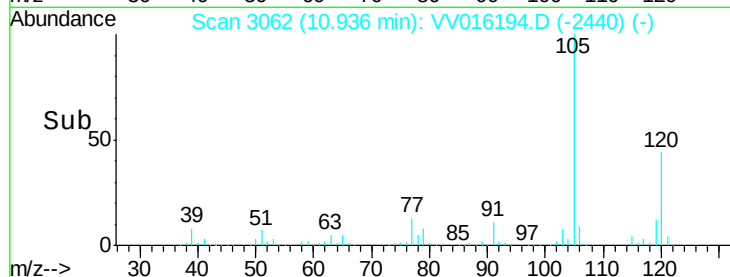
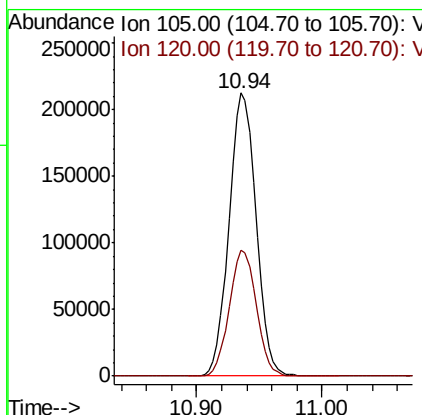
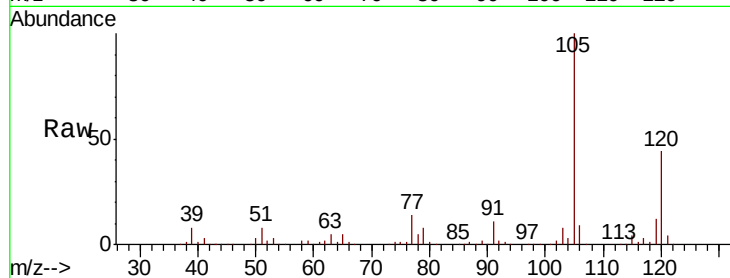




#44
 1,2,4-Trimethylbenzene
 Concen: 12.458 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

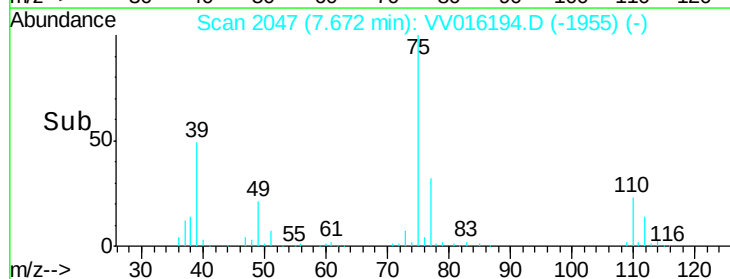
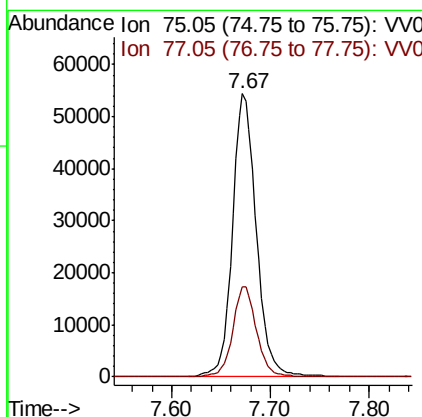
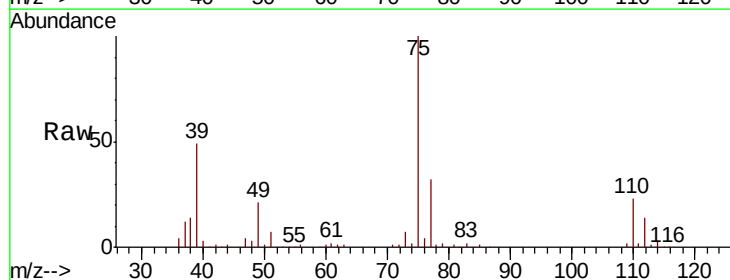
Instrument :
 MSVOA_V
 ClientSampled :

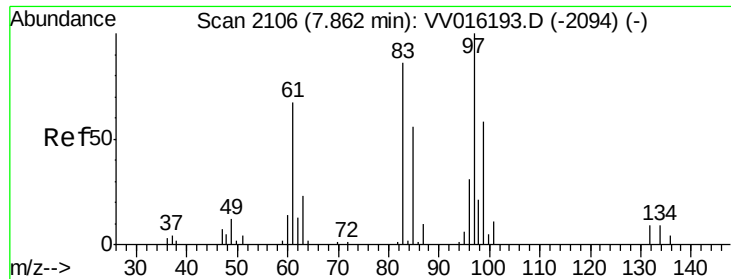
Tot Ion:105 Resp: 318323
 Ion Ratio Lower Upper
 105 100
 120 44.5 34.6 52.0



#46
 trans-1,3-Dichloropropene
 Concen: 11.719 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 75 Resp: 91653
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.7 40.3

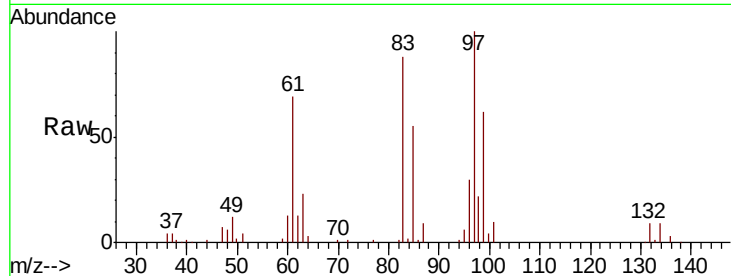




#47
 1,1,2-Trichloroethane
 Concen: 11.010 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	48322
Ion	Ratio	Lower	Upper
97	100		
99	61.9	40.8	75.8
83	88.0	60.0	111.4
85	54.6	39.3	73.1

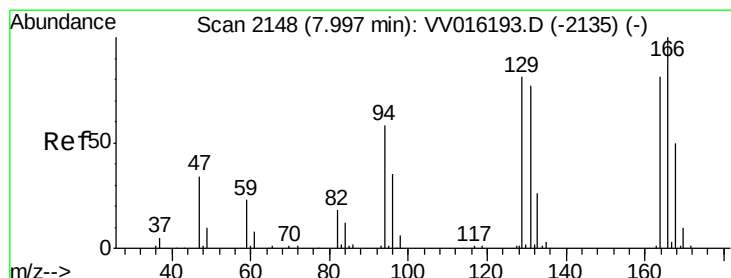
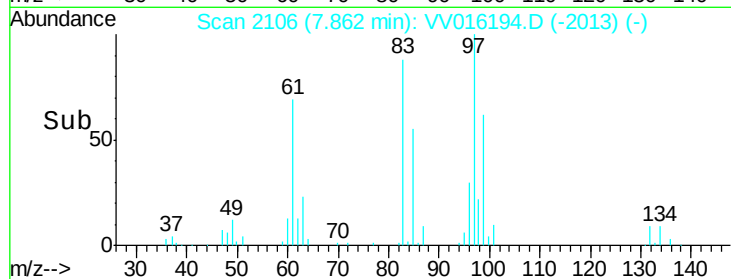
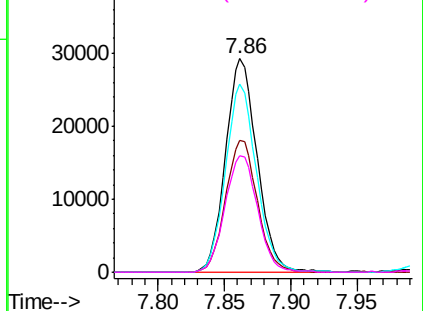


Abundance Ion 96.95 (96.65 to 97.65): VV016194.D (-2013) (-)

Ion 99.05 (98.75 to 99.75): VV016194.D (-2013) (-)

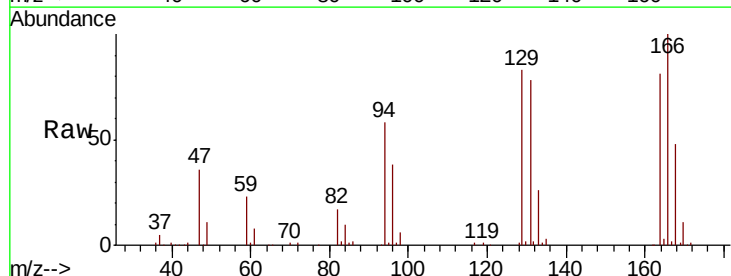
Ion 82.95 (82.65 to 83.65): VV016194.D (-2013) (-)

Ion 85.00 (84.70 to 85.70): VV016194.D (-2013) (-)



#49
 Tetrachloroethene
 Concen: 11.002 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion:	164	Resp:	56340
Ion	Ratio	Lower	Upper
164	100		
129	102.7	70.7	131.3
131	97.0	66.6	123.8
166	124.1	86.9	161.5

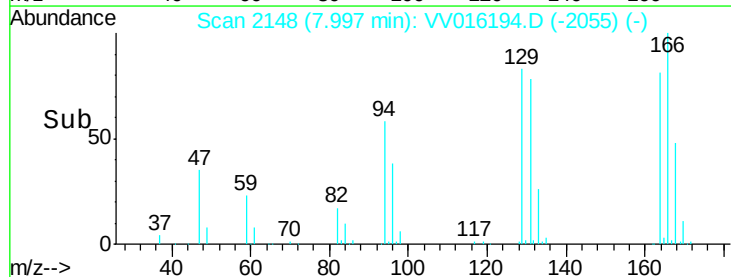
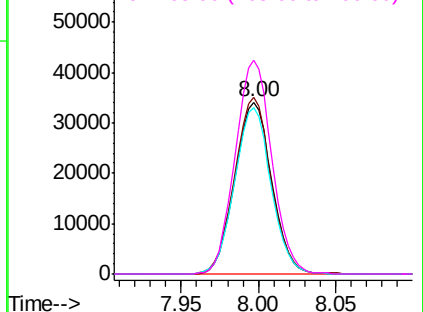


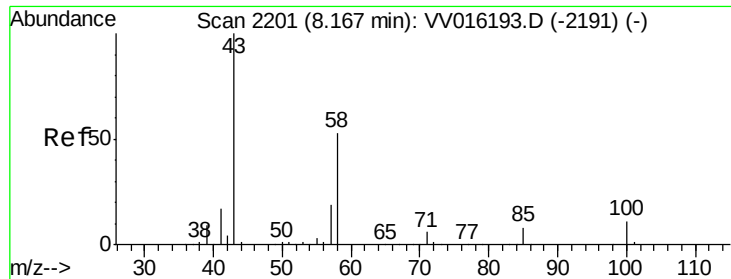
Abundance Ion 163.90 (163.60 to 164.60): VV016194.D (-2055) (-)

Ion 128.95 (128.65 to 129.65): VV016194.D (-2055) (-)

Ion 130.95 (130.65 to 131.65): VV016194.D (-2055) (-)

Ion 165.90 (165.60 to 166.60): VV016194.D (-2055) (-)

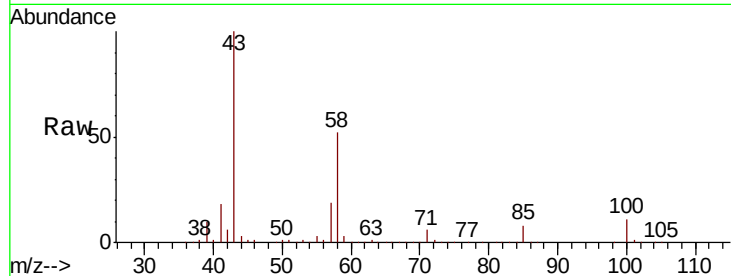




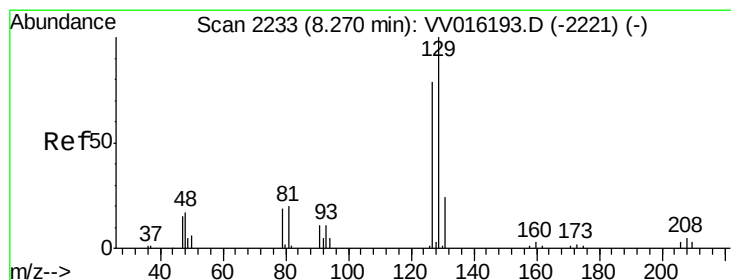
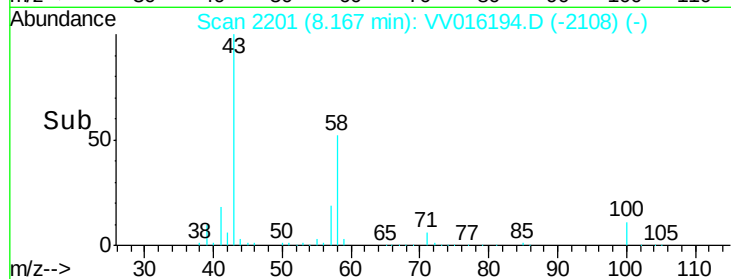
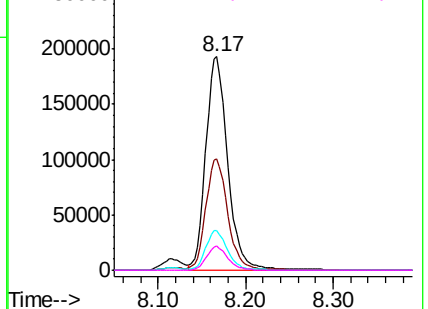
#50
2-Hexanone
Concen: 116.319 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 334307
Ion Ratio Lower Upper
43 100
58 52.4 41.4 62.0
57 18.4 15.0 22.4
100 11.1 9.0 13.4

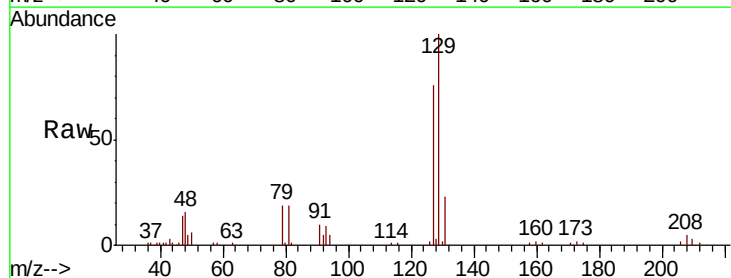


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

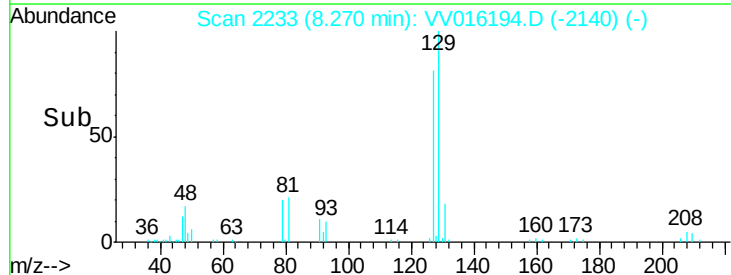
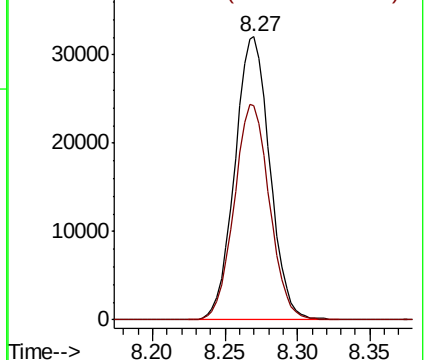


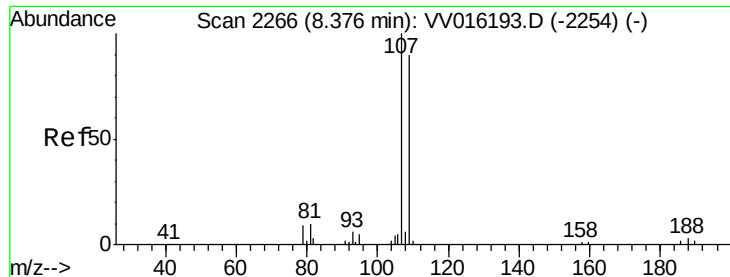
#51
Dibromochloromethane
Concen: 11.132 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Tgt Ion: 129 Resp: 53712
Ion Ratio Lower Upper
129 100
127 75.8 55.2 102.4



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 11.419 ug/L

RT: 8.38 min Scan# 2266

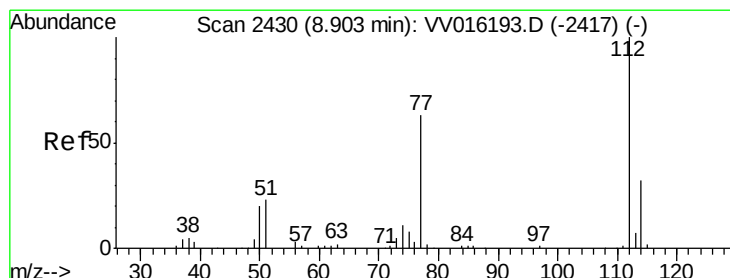
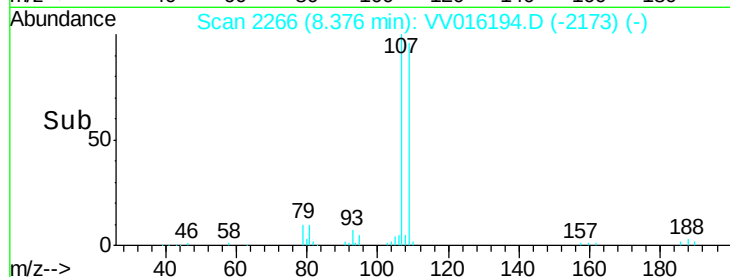
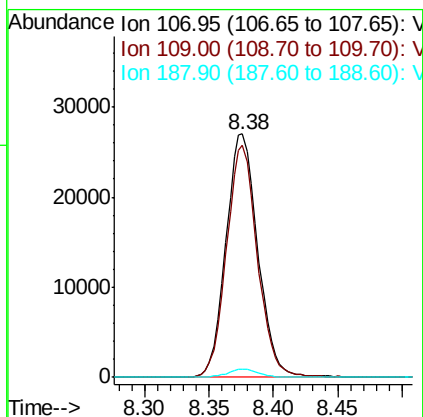
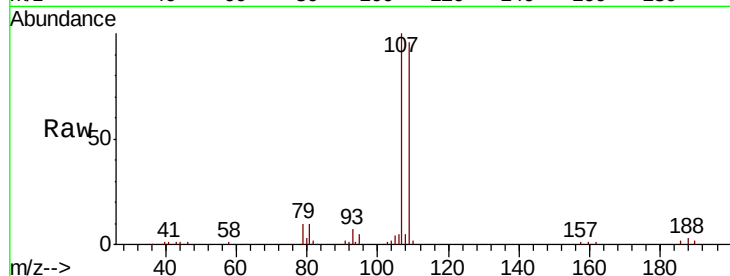
Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	107	Resp:	46306
Ion	Ratio	Lower	Upper
107	100		
109	95.5	63.1	117.3
188	3.4	2.6	4.0



#53

Chlorobenzene

Concen: 11.240 ug/L

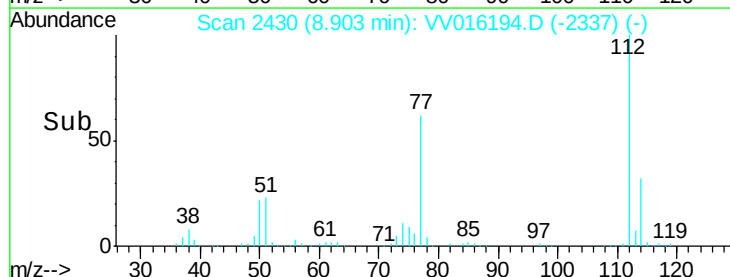
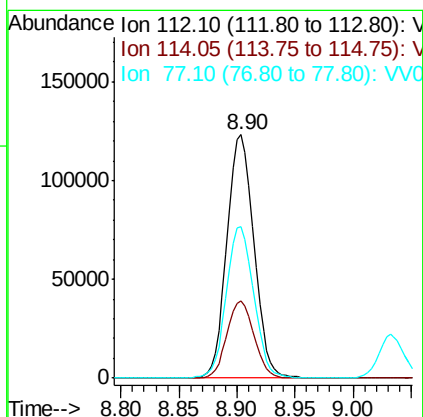
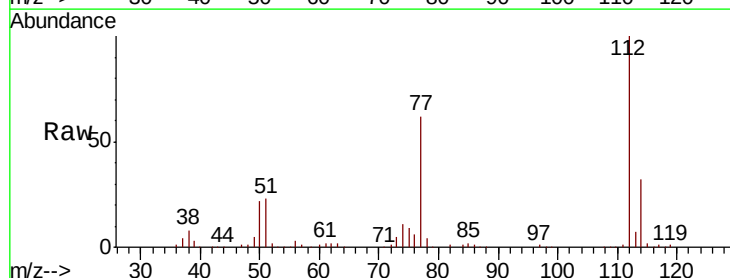
RT: 8.90 min Scan# 2430

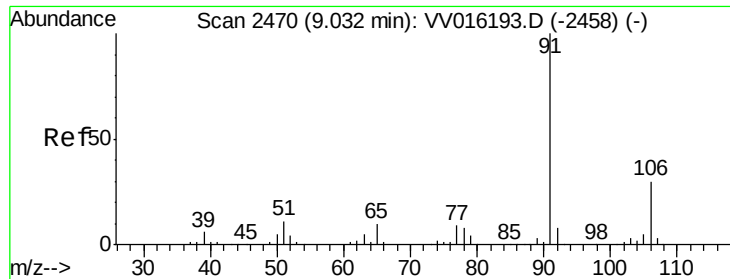
Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Tgt Ion:	112	Resp:	198726
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.3
77	62.2	50.7	76.1





#54

Ethylbenzene

Concen: 11.709 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

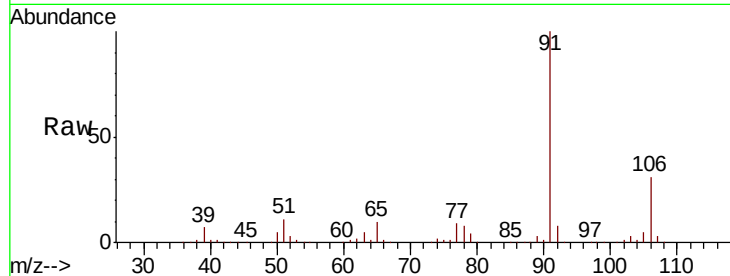
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 368699

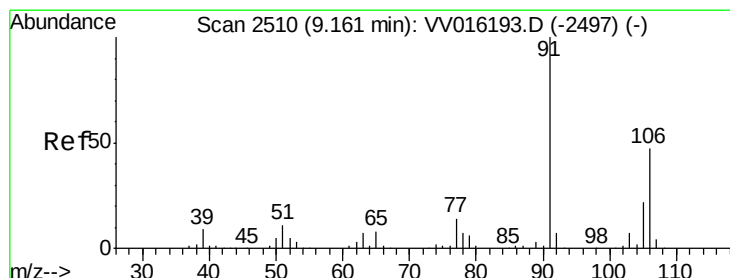
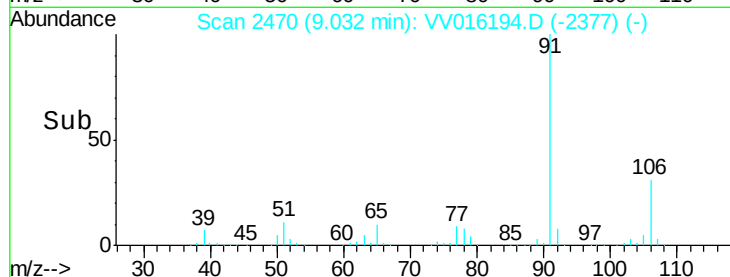
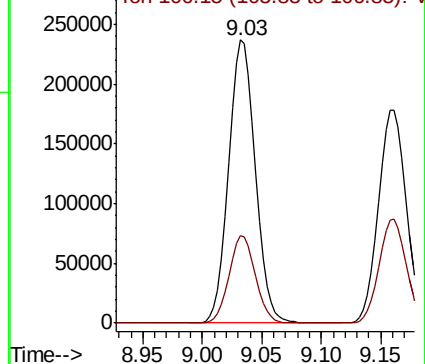
Ion Ratio Lower Upper

91 100

106 31.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016194.D (-2377) (-)



#55

m,p-xylene

Concen: 11.983 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016194.D

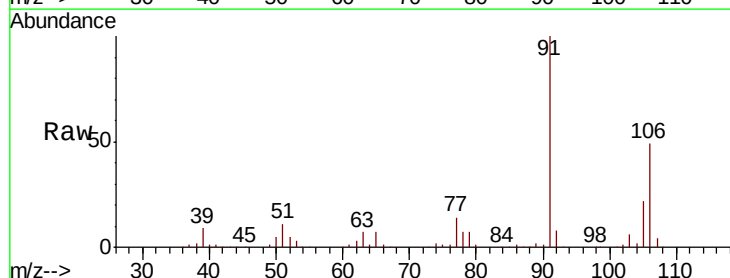
Acq: 26 May 2020 16:12

Tgt Ion: 106 Resp: 139489

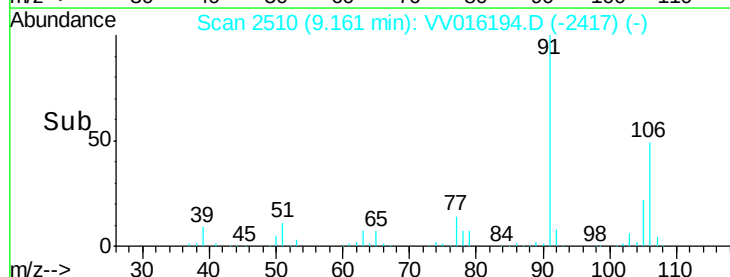
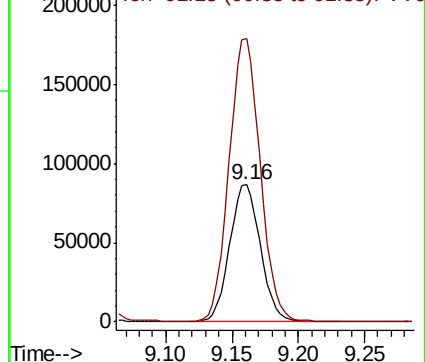
Ion Ratio Lower Upper

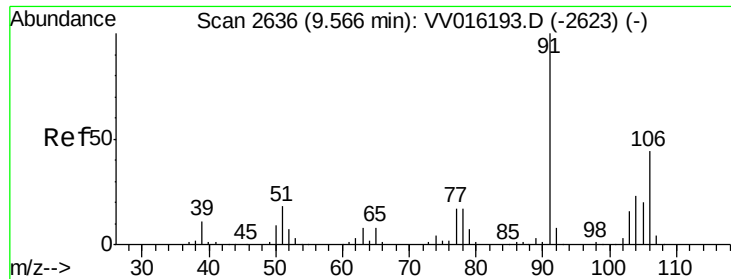
106 100

91 206.1 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016194.D (-2417) (-)

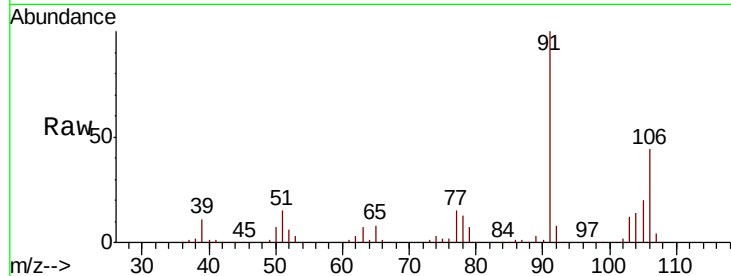




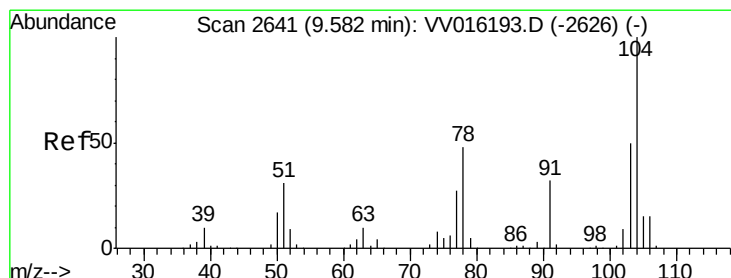
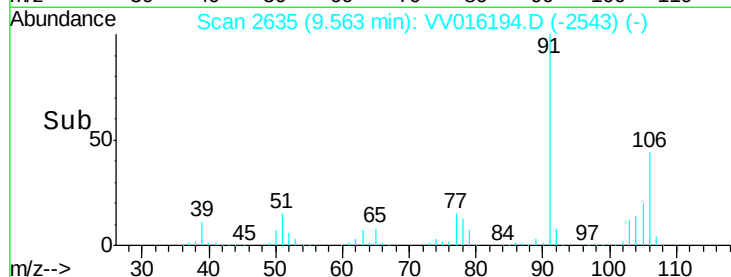
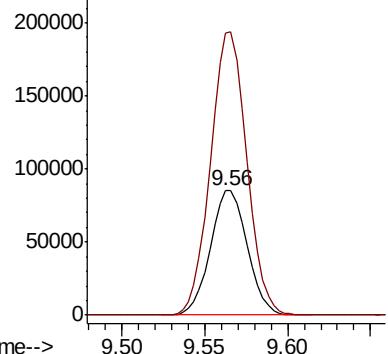
#56
o-xylene
Concen: 11.861 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 131955
Ion Ratio Lower Upper
106 100
91 227.2 158.8 294.8

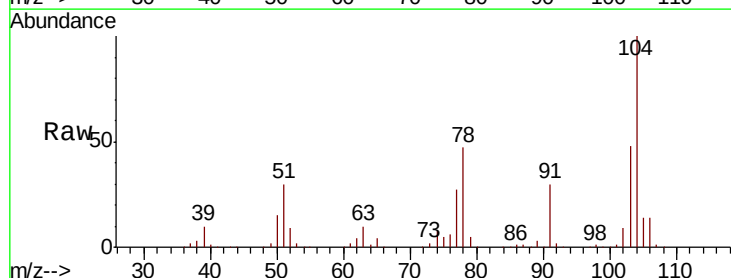


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

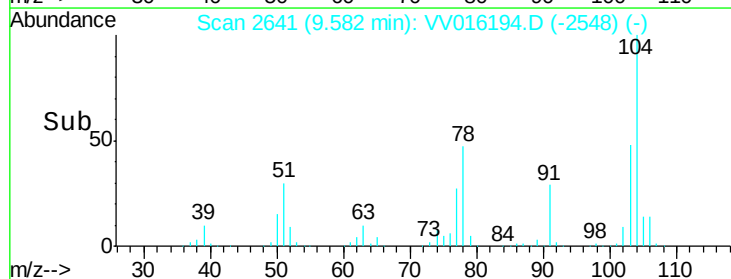
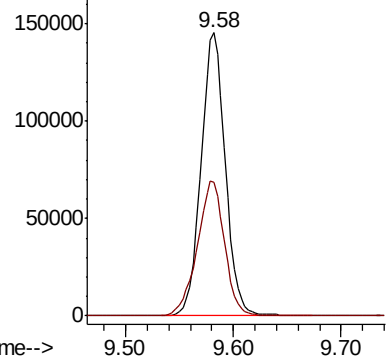


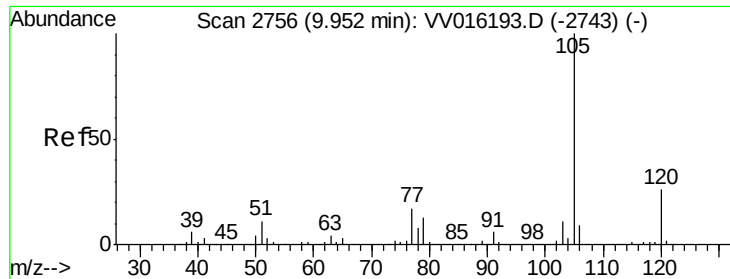
#57
Styrene
Concen: 12.264 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV016194.D
Acq: 26 May 2020 16:12

Tgt Ion:104 Resp: 228232
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.7



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 11.941 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

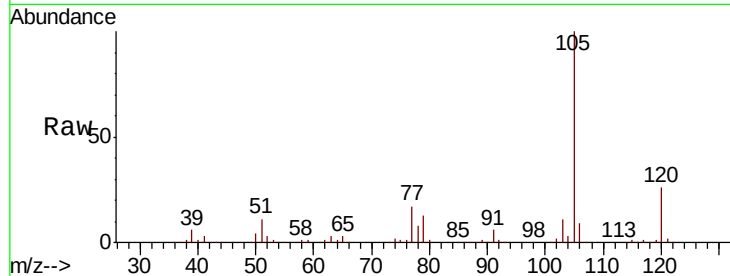
Tot Ion:105 Resp: 363995

Ion Ratio Lower Upper

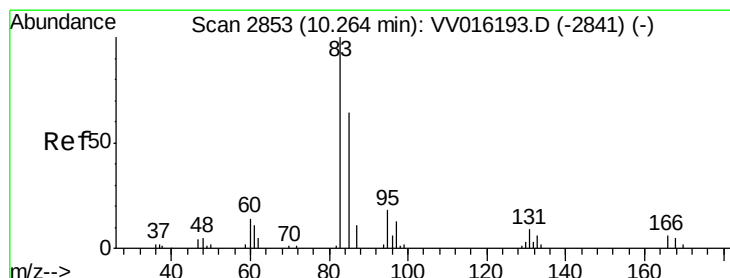
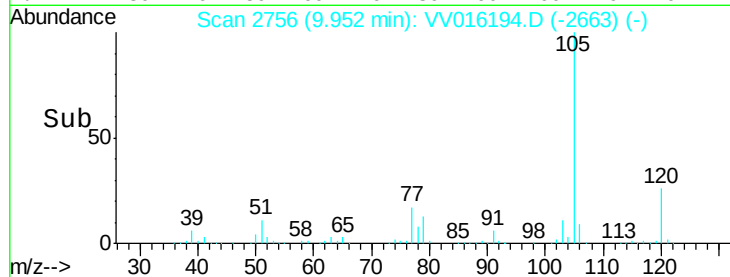
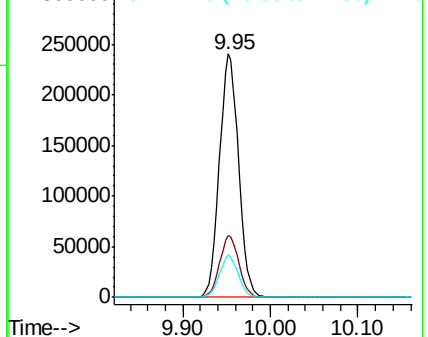
105 100

120 25.7 20.9 31.3

77 17.0 13.9 20.9



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



#60

1,1,2,2-Tetrachloroethane

Concen: 12.205 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

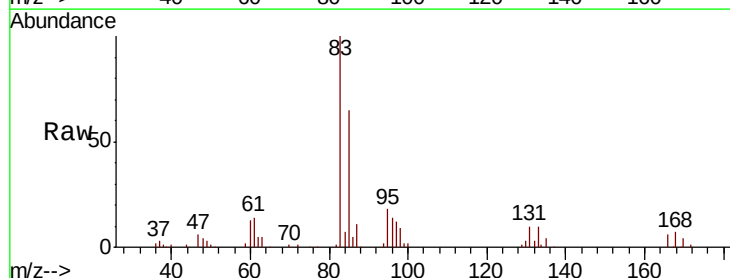
Tgt Ion: 83 Resp: 58736

Ion Ratio Lower Upper

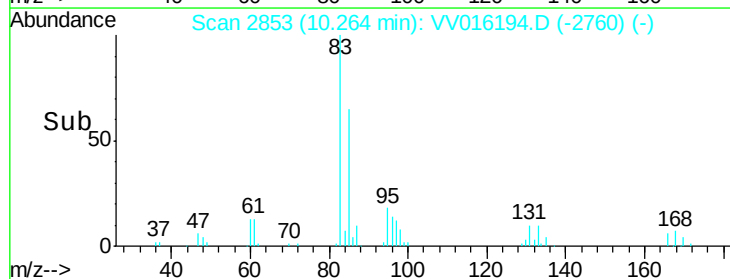
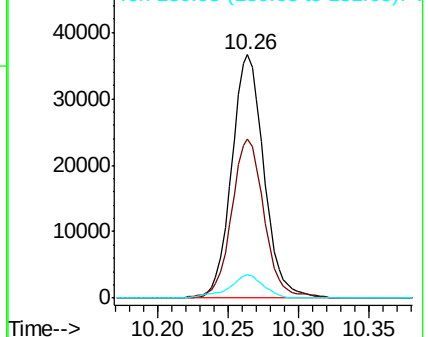
83 100

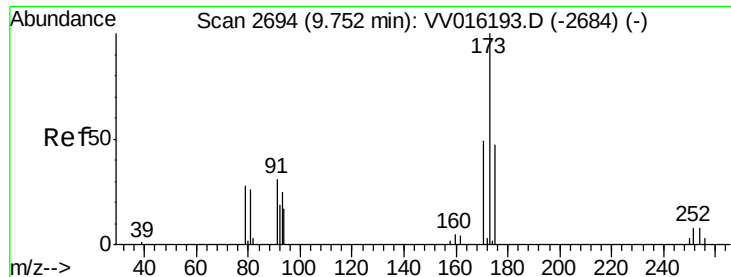
85 65.5 45.6 84.8

131 9.8 7.9 11.9



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





#62

Bromoform

Concen: 10.099 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :

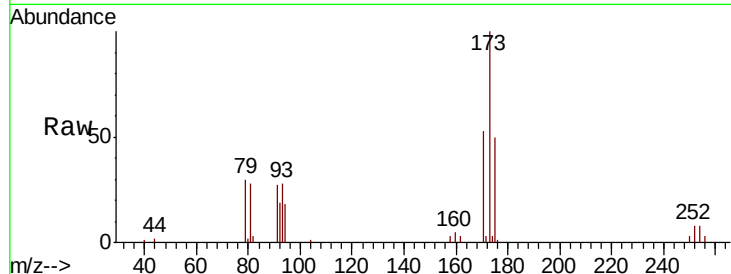
Tot Ion:173 Resp: 23624

Ion Ratio Lower Upper

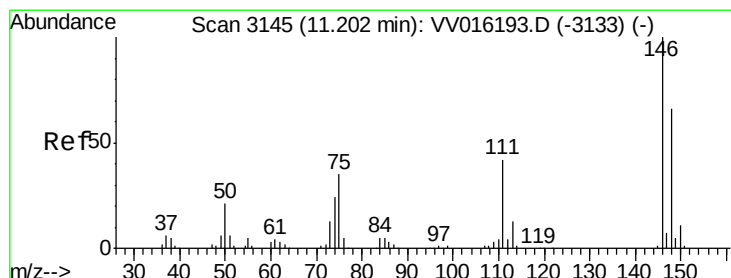
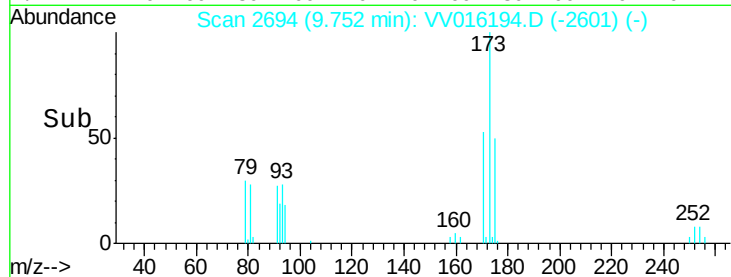
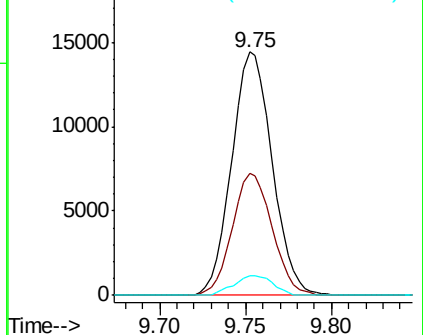
173 100

175 49.0 38.6 58.0

254 7.8 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 11.217 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV016194.D

Acq: 26 May 2020 16:12

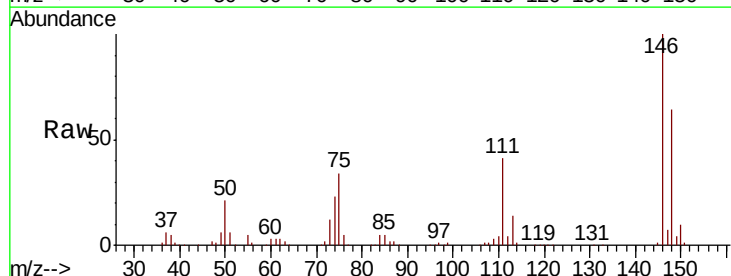
Tgt Ion:146 Resp: 157873

Ion Ratio Lower Upper

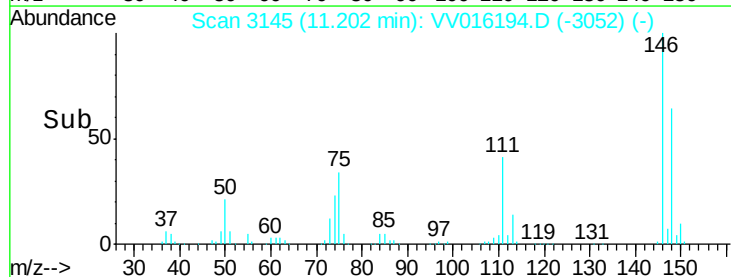
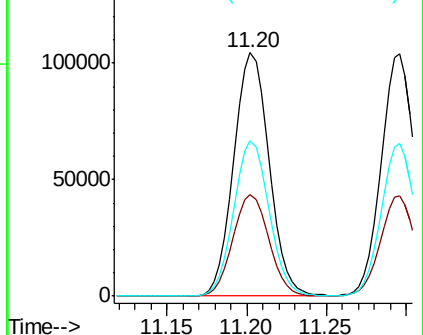
146 100

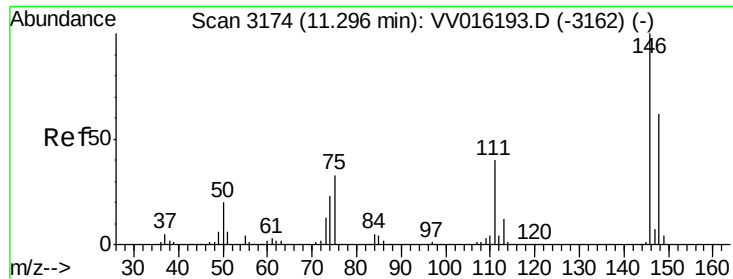
111 41.5 29.7 55.1

148 63.6 45.9 85.3



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

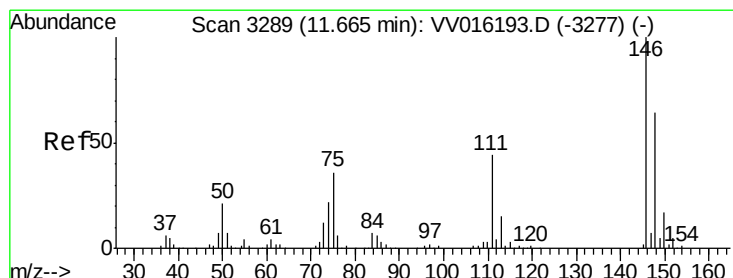
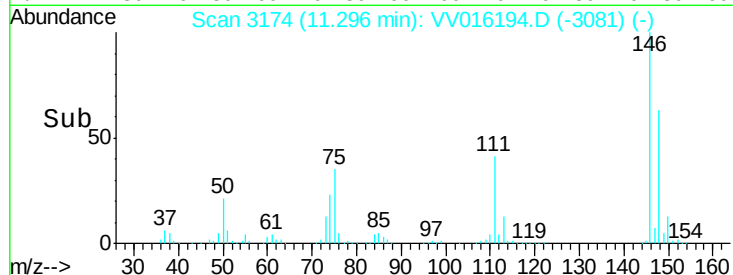
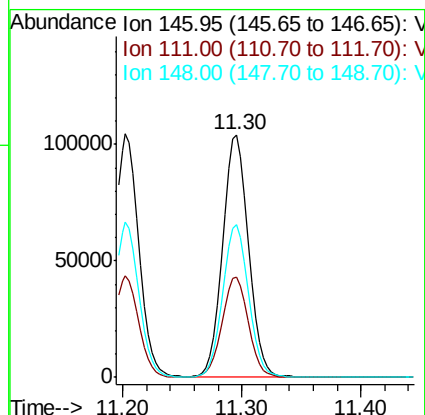
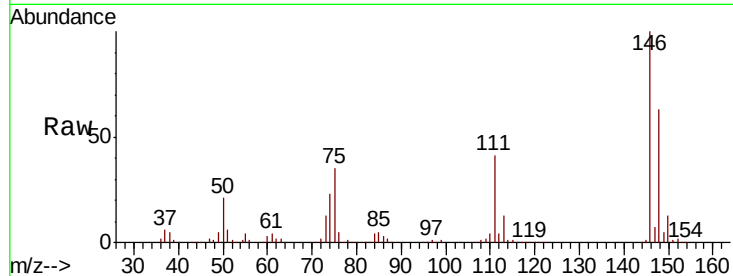




#64
 1,4-Dichlorobenzene
 Concen: 11.021 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

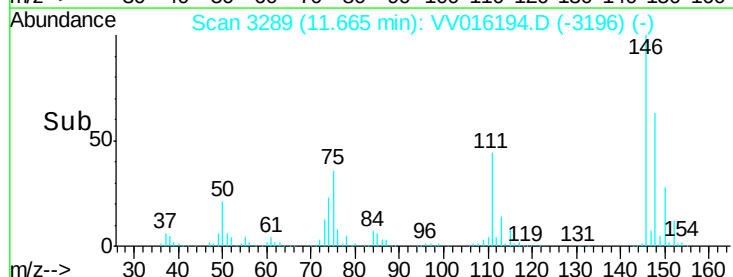
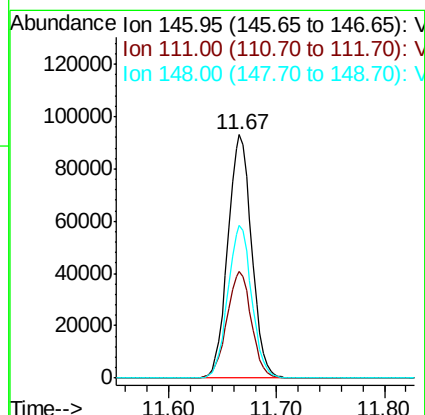
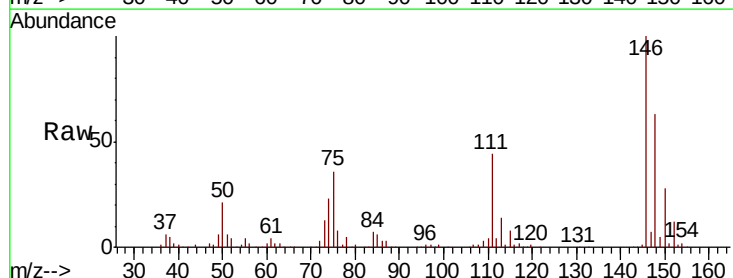
Instrument :
 MSVOA_V
 ClientSampled :

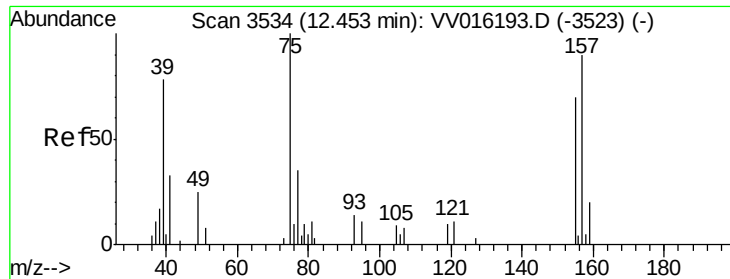
Tot Ion:146 Resp: 156700
 Ion Ratio Lower Upper
 146 100
 111 41.4 28.3 52.7
 148 62.9 43.3 80.3



#66
 1,2-Dichlorobenzene
 Concen: 11.229 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion:146 Resp: 143363
 Ion Ratio Lower Upper
 146 100
 111 43.6 35.7 53.5
 148 62.9 51.3 76.9

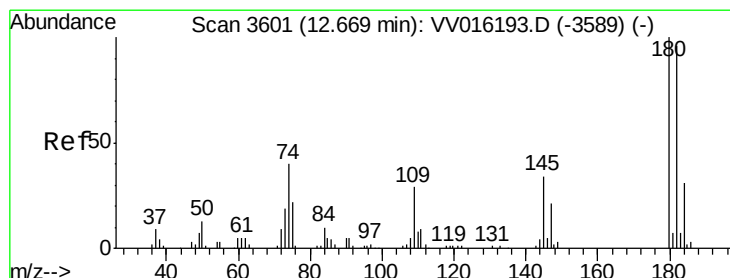
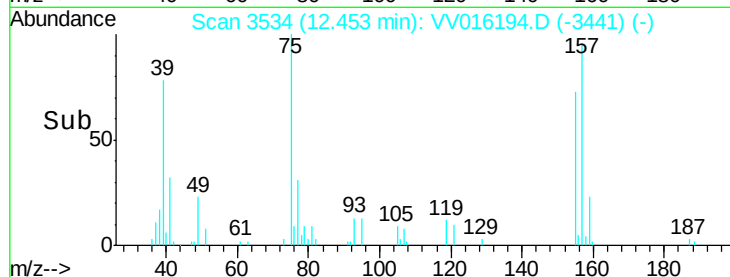
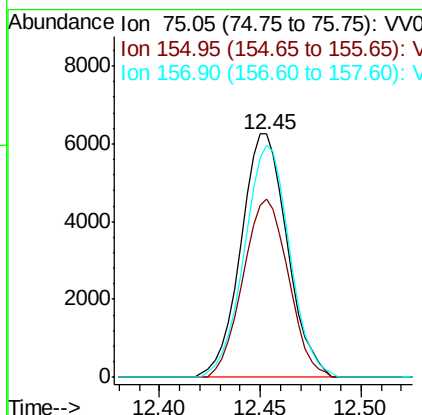
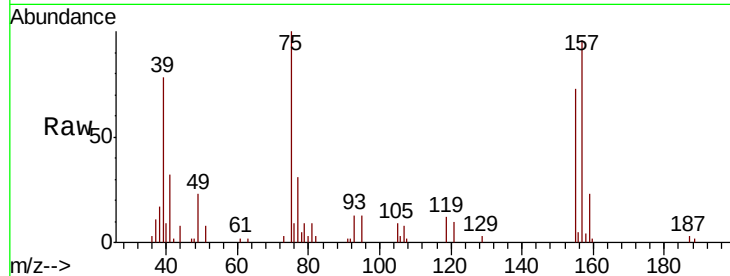




#67
 1,2-Dibromo-3-chloropropane
 Concen: 11.910 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

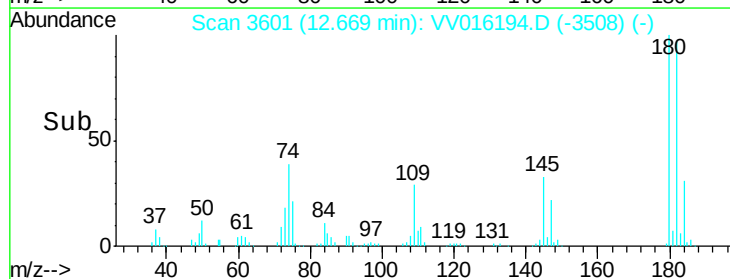
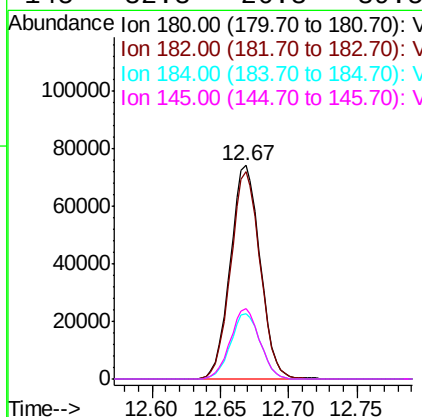
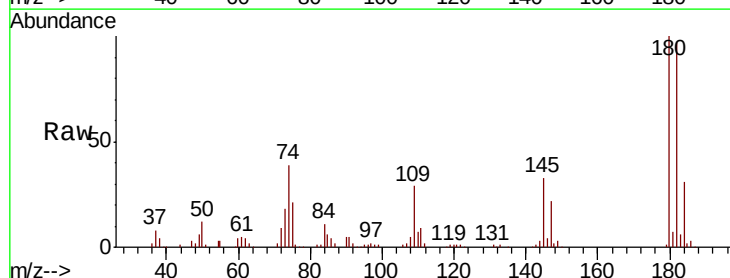
Instrument :
 MSVOA_V
 ClientSampleId :

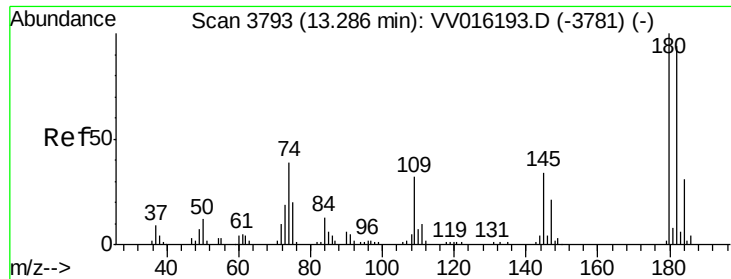
Tot Ion: 75 Resp: 10078
 Ion Ratio Lower Upper
 75 100
 155 73.2 56.2 84.4
 157 95.6 71.9 107.9



#68
 1,3,5-Trichlorobenzene
 Concen: 11.015 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion: 180 Resp: 112880
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.1 115.7
 184 30.5 25.0 37.4
 145 32.3 26.3 39.5

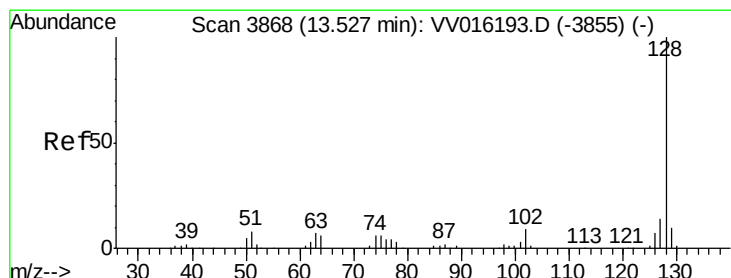
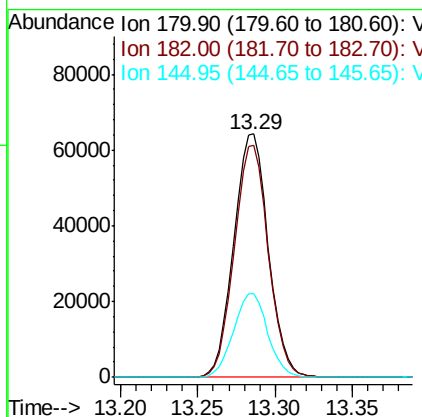
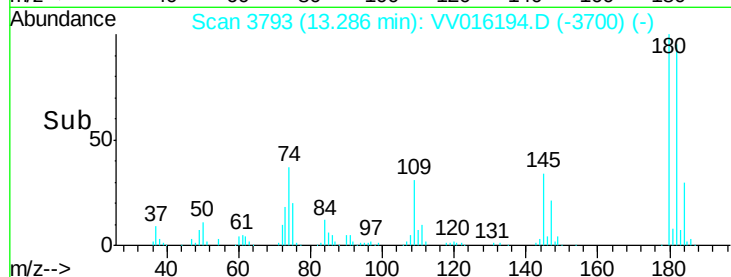
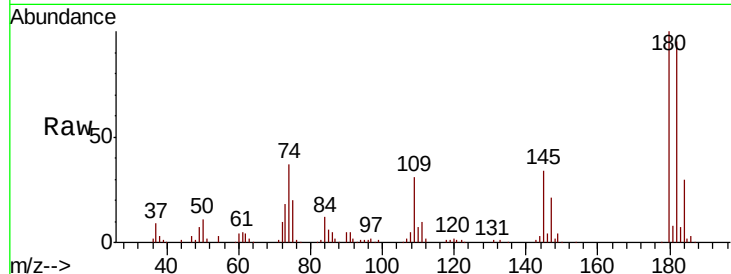




#69
 1,2,4-trichlorobenzene
 Concen: 11.217 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

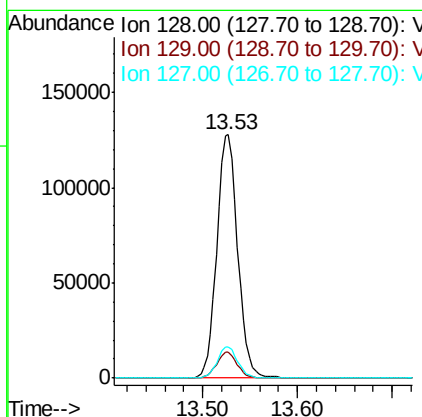
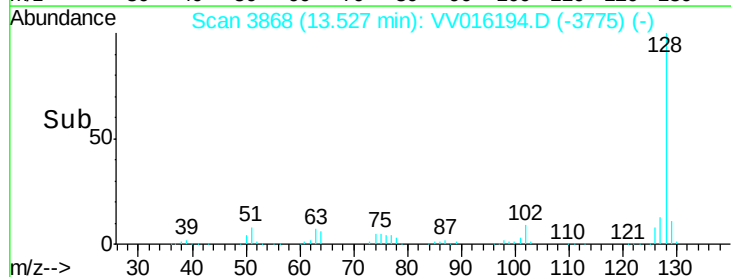
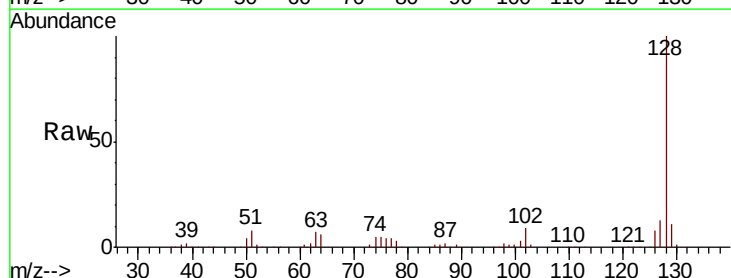
Instrument :
 MSVOA_V
 ClientSampleId :

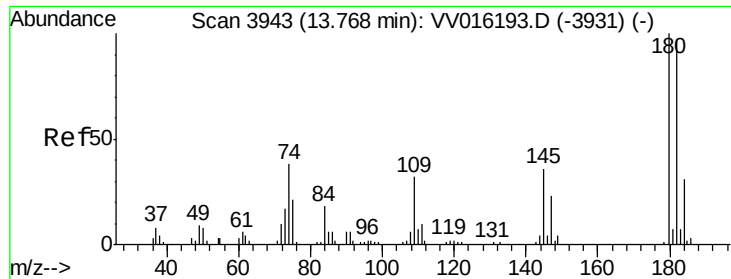
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.4
145	34.2	27.1	40.7



#70
 Naphthalene
 Concen: 13.204 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	12.7	10.6	15.8





#71
 1,2,3-Trichlorobenzene
 Concen: 11.241 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV016194.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 87761
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 35.9 28.6 42.8

