

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018736.D
 Acq On : 07 Oct 2020 18:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338688	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78075	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.62%
7) Chloroethane-d5	1.58	69	69572	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.12	63	174001	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
21) 2-Butanone-d5	3.91	46	114117	77.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.02%
24) Chloroform-d	4.37	84	191924	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.05	65	121570	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
32) Benzene-d6	5.07	84	345831	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.09	67	117983	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.33	98	289317	42.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.24%
43) trans-1,3-Dichloropropene-	7.64	79	51789	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.11	63	65638	78.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.34%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123236	42.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	122909	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80617	35.007	ug/L 99
3) Chloromethane	1.25	50	96027	38.970	ug/L 100
5) Vinyl chloride	1.32	62	110540	42.667	ug/L 100
6) Bromomethane	1.53	94	73024	41.414	ug/L 96
8) Chloroethane	1.60	64	68639	42.993	ug/L 100
9) Trichlorofluoromethane	1.76	101	170141	43.210	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95721	43.434	ug/L 95
12) 1,1-Dichloroethene	2.13	96	88048	41.645	ug/L 92
13) Acetone	2.19	43	112815	88.131	ug/L 99
14) Carbon disulfide	2.31	76	279557	40.817	ug/L 98
15) Methyl Acetate	2.45	43	93577	37.945	ug/L 100
16) Methylene chloride	2.52	84	96812	38.151	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	89842	37.136	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	287925	39.062	ug/L 97
19) 1,1-Dichloroethane	3.21	63	167808	39.615	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	103755	40.354	ug/L 97
22) 2-Butanone	3.99	43	134846	83.389	ug/L 99

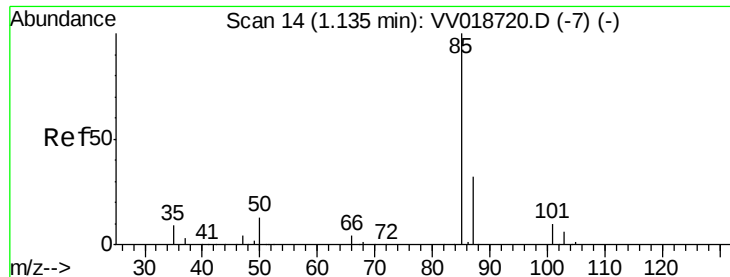
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	58310	41.243	ug/L	96
25) Chloroform	4.40	83	205188	45.875	ug/L	99
27) 1,2-Dichloroethane	5.15	62	161875	46.433	ug/L	99
29) Cyclohexane	4.70	56	164114	49.925	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	176589	49.353	ug/L	97
31) Carbon tetrachloride	4.85	117	158147	49.248	ug/L	100
33) Benzene	5.12	78	428828	50.645	ug/L	100
34) Trichloroethene	5.94	95	127250	51.765	ug/L	96
35) Methylcyclohexane	6.15	83	157647	47.539	ug/L	96
37) 1,2-Dichloropropane	6.19	63	116334	53.551	ug/L	99
38) Bromodichloromethane	6.53	83	156436	53.770	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	151278	44.384	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	248145	88.522	ug/L	98
42) Toluene	7.41	91	407997	44.541	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	155578	46.467	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96150	44.709	ug/L	98
46) Tetrachloroethene	7.99	164	80452	40.341	ug/L	96
48) 2-Hexanone	8.15	43	196244	89.725	ug/L	96
49) Dibromochloromethane	8.26	129	107527	43.715	ug/L	98
50) 1,2-Dibromoethane	8.37	107	101614	44.440	ug/L	100
51) Chlorobenzene	8.90	112	270154	43.596	ug/L	97
52) Ethylbenzene	9.03	91	453341	44.317	ug/L	99
53) m,p-Xylene	9.16	106	174279	44.084	ug/L	99
54) o-xylene	9.56	106	165732	44.279	ug/L	99
55) Styrene	9.58	104	299121	45.897	ug/L	94
56) Isopropylbenzene	9.95	105	440093	43.843	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	126431	41.708	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	116378	44.042	ug/L	97
61) Bromoform	9.75	173	72529	41.511	ug/L #	96
62) 1,3-Dichlorobenzene	11.20	146	215520	43.781	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	224051	44.199	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	215821	44.317	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	29337	44.128	ug/L	86
67) 1,3,5-Trichlorobenzene	12.67	180	136615	40.064	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	125319	39.495	ug/L	99
69) Naphthalene	13.52	128	397928	43.810	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	129305	40.594	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 35.007 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

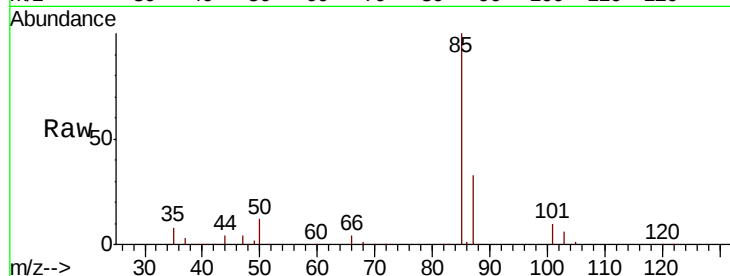
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 80617

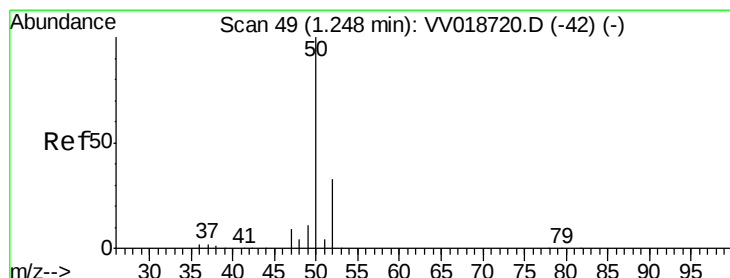
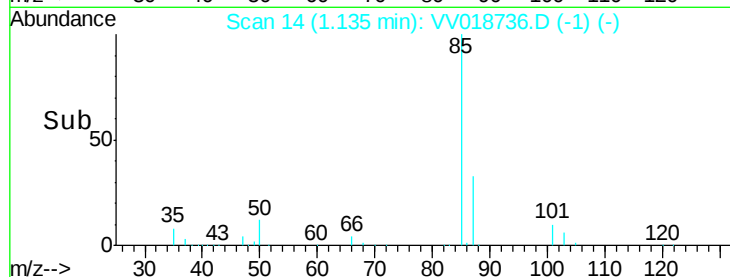
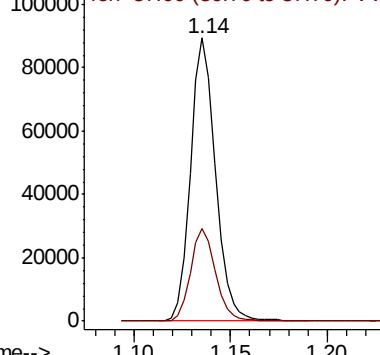
Ion Ratio Lower Upper

85 100

87 32.5 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: 38.970 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018736.D

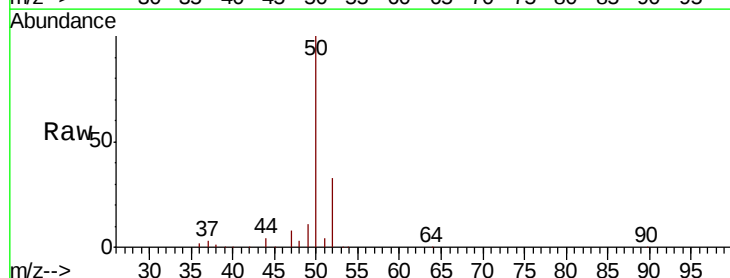
Acq: 07 Oct 2020 18:05

Tgt Ion: 50 Resp: 96027

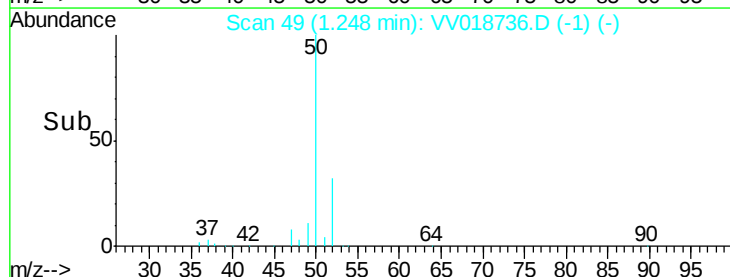
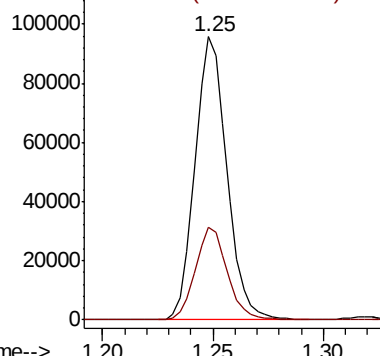
Ion Ratio Lower Upper

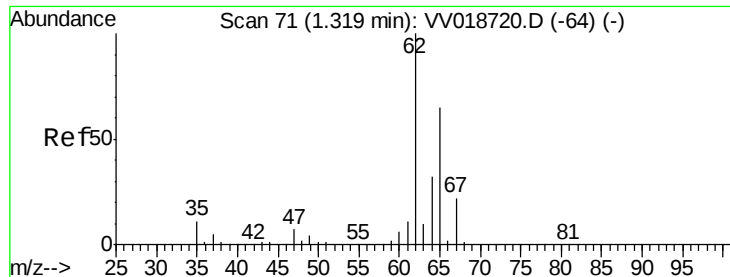
50 100

52 32.5 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV0
Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 42.667 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

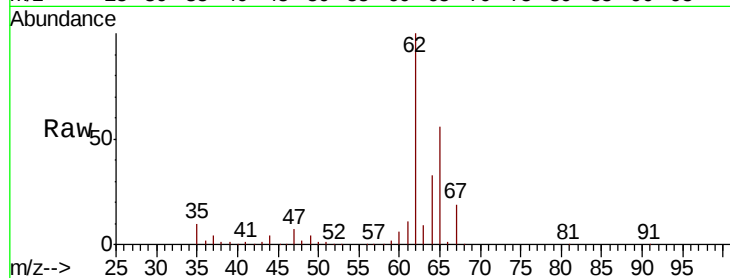
ClientSampleId :

Tot Ion: 62 Resp: 110540

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

120000

100000

80000

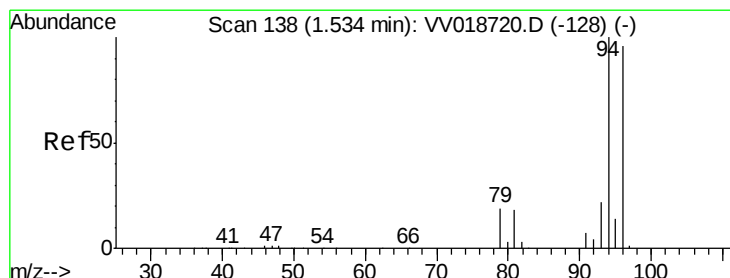
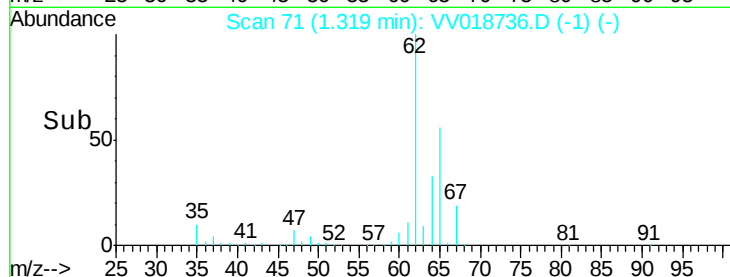
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 41.414 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV018736.D

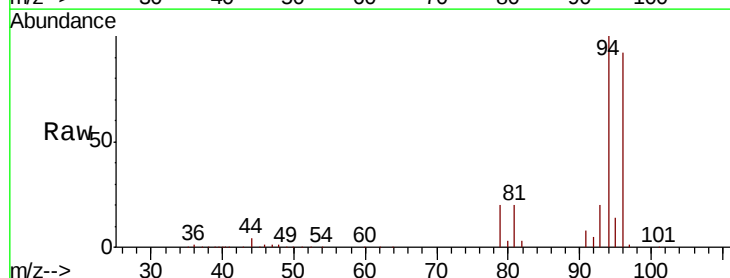
Acq: 07 Oct 2020 18:05

Tgt Ion: 94 Resp: 73024

Ion Ratio Lower Upper

94 100

96 92.4 67.5 125.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

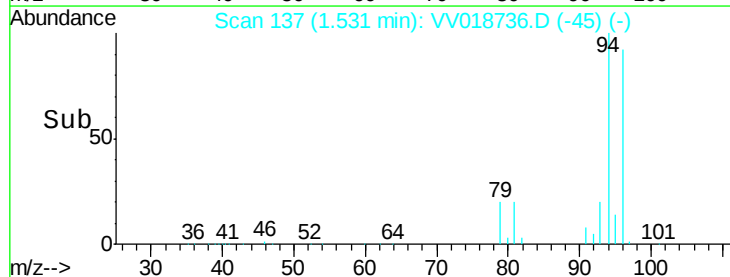
60000

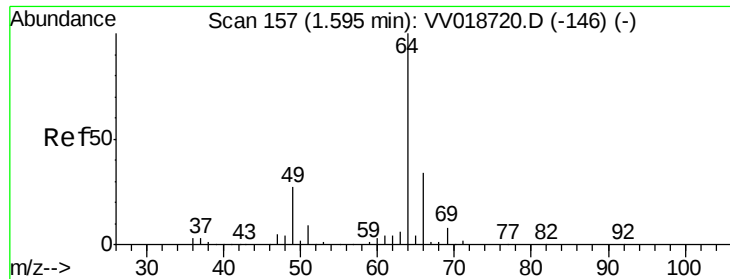
40000

20000

0

Time-->





#8

Chloroethane

Concen: 42.993 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

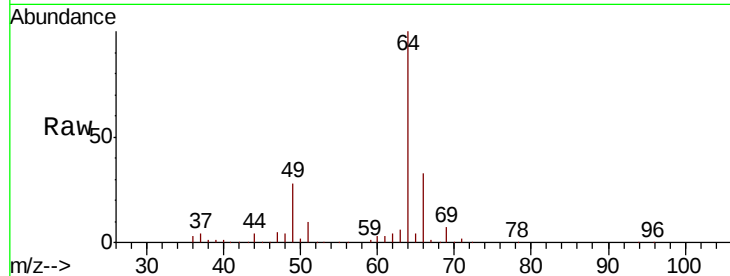
ClientSampleId :

Tot Ion: 64 Resp: 68639

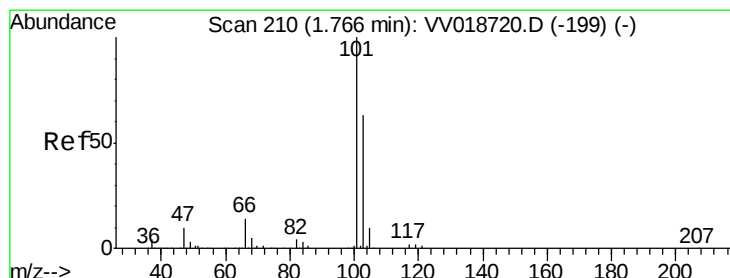
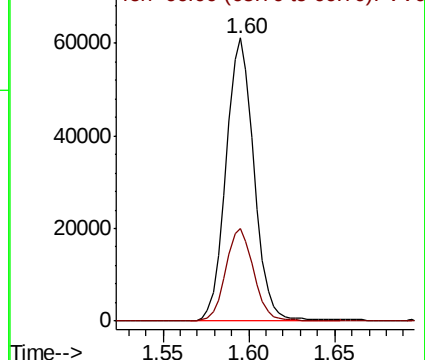
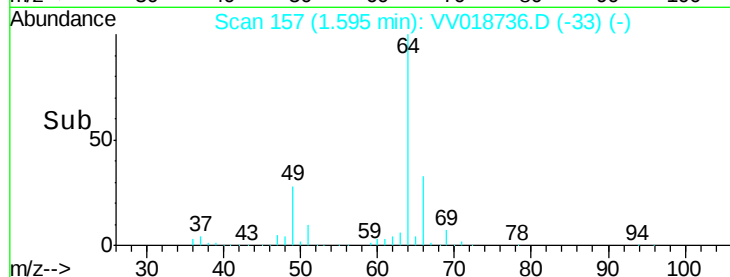
Ion Ratio Lower Upper

64 100

66 32.5 22.8 42.4



Abundance Ion 64.00 (63.70 to 64.70): VV018736.D (-33) (-)



#9

Trichlorofluoromethane

Concen: 43.210 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018736.D

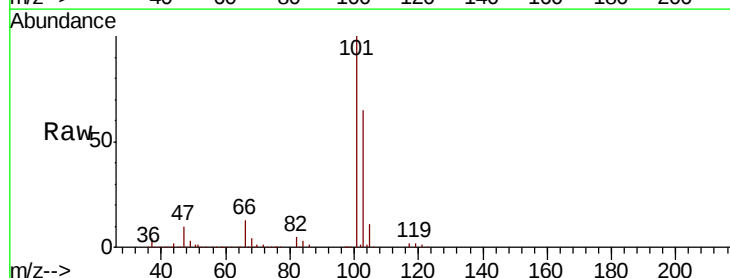
Acq: 07 Oct 2020 18:05

Tgt Ion: 101 Resp: 170141

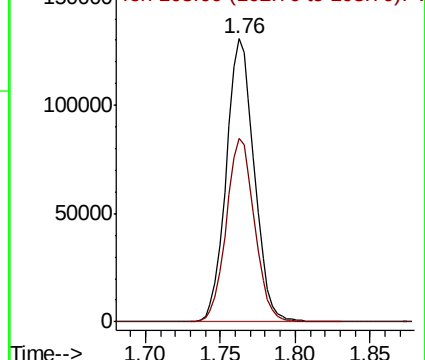
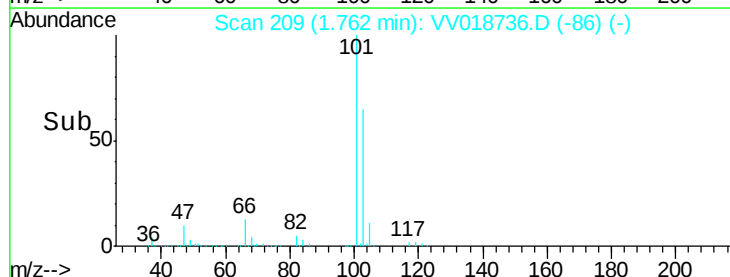
Ion Ratio Lower Upper

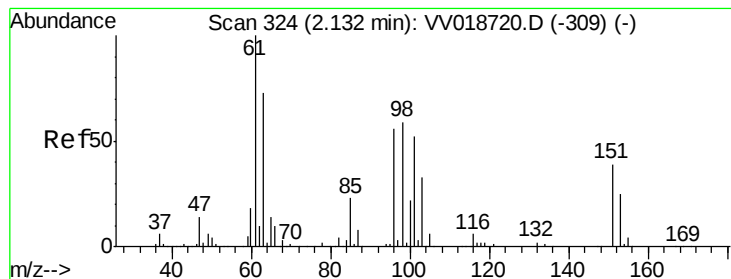
101 100

103 65.6 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV018736.D (-86) (-)





#10

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

Concen: 43.434 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

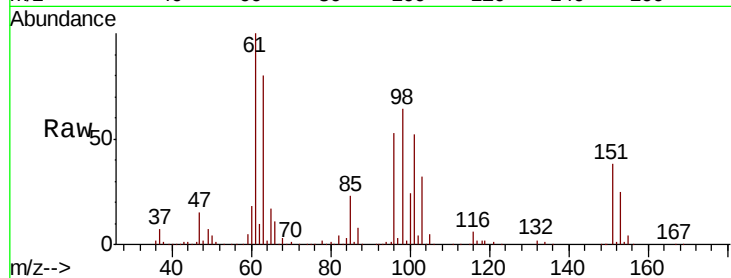
Tot Ion:101 Resp: 95721

Ion Ratio Lower Upper

101 100

85 45.3 34.6 52.0

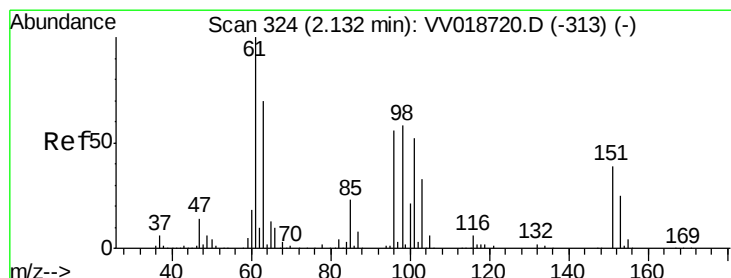
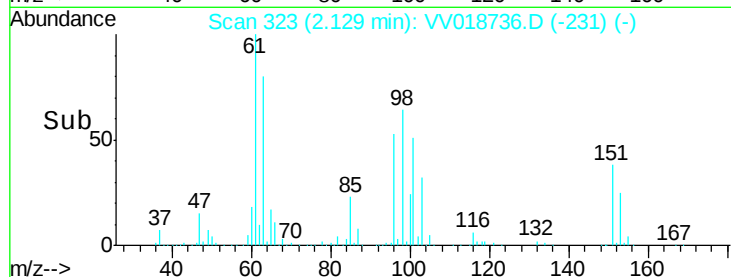
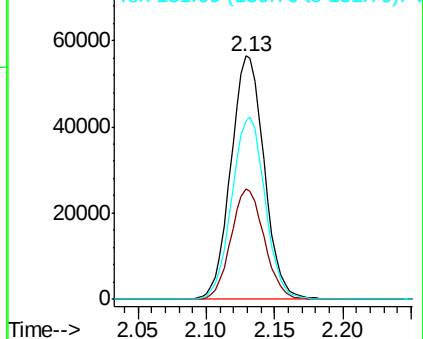
151 74.9 64.3 96.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 41.645 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

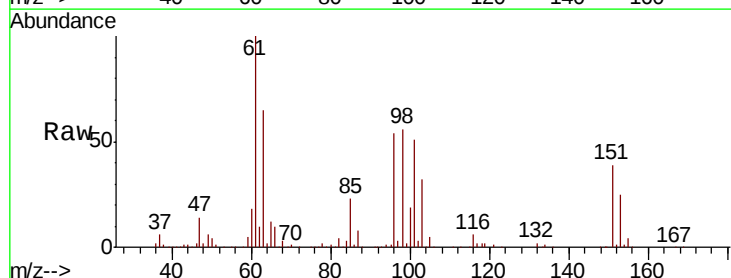
Tgt Ion: 96 Resp: 88048

Ion Ratio Lower Upper

96 100

61 185.4 122.8 228.1

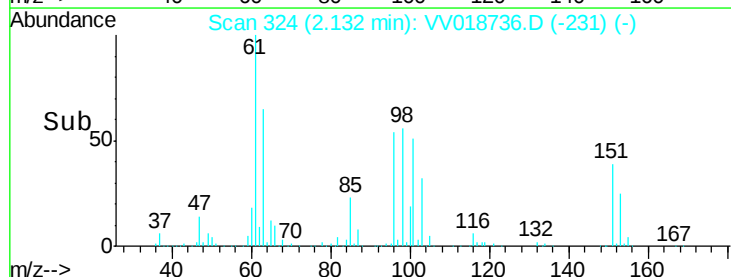
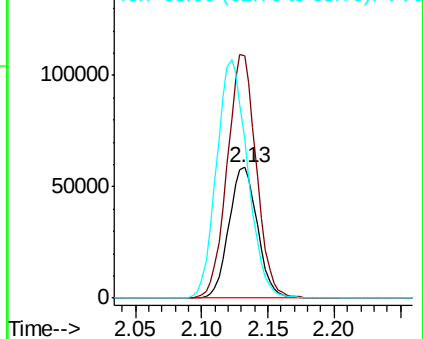
63 121.4 91.9 170.7

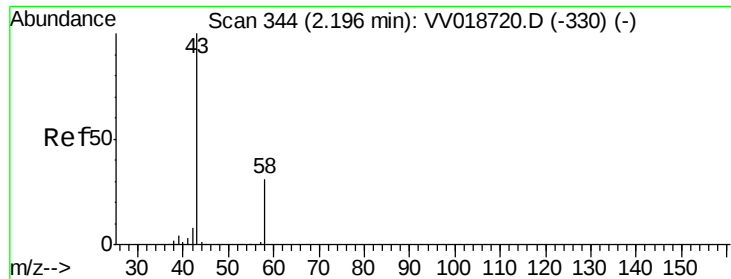


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 88.131 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

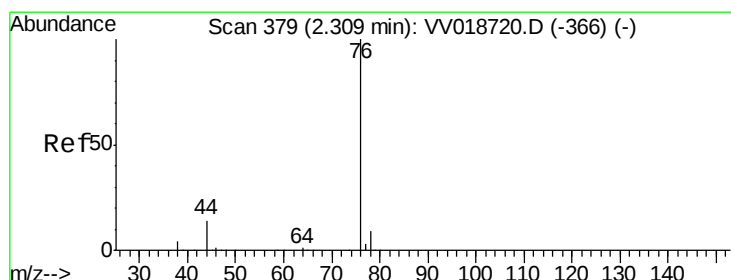
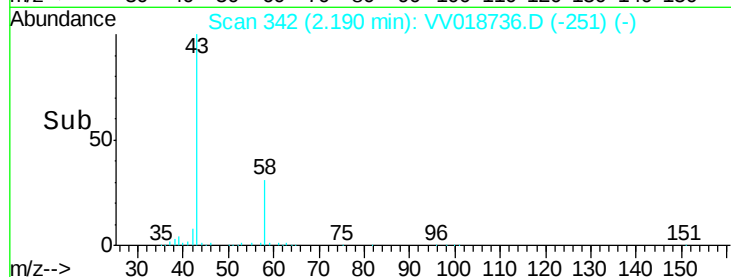
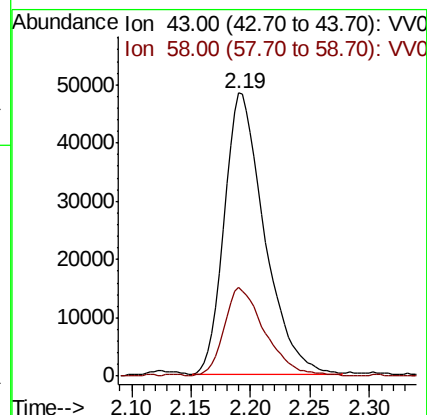
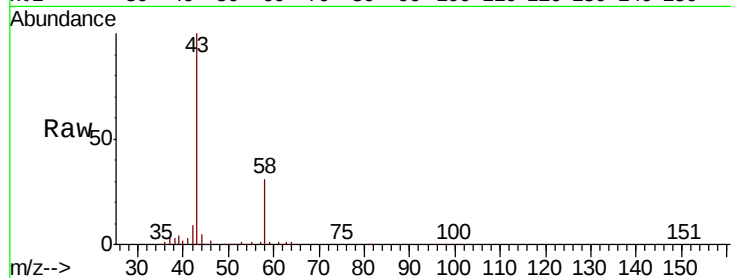
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 112815

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.0



#14

Carbon disulfide

Concen: 40.817 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018736.D

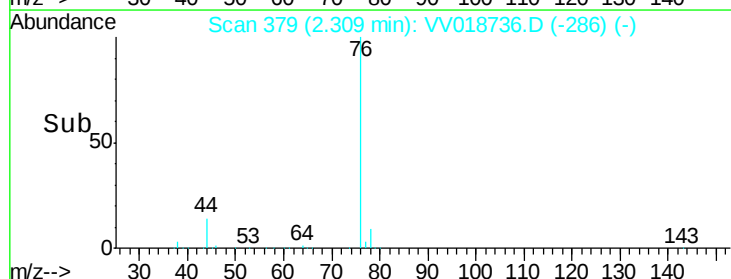
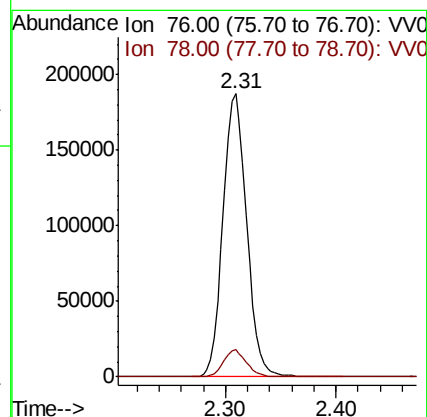
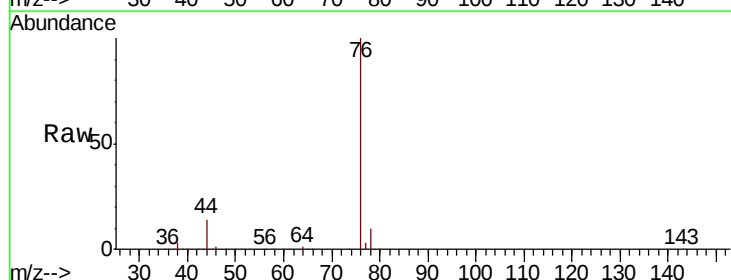
Acq: 07 Oct 2020 18:05

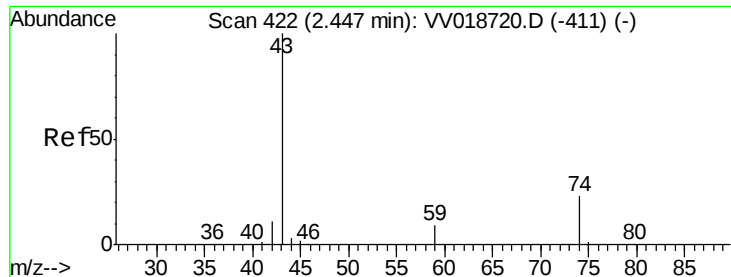
Tgt Ion: 76 Resp: 279557

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

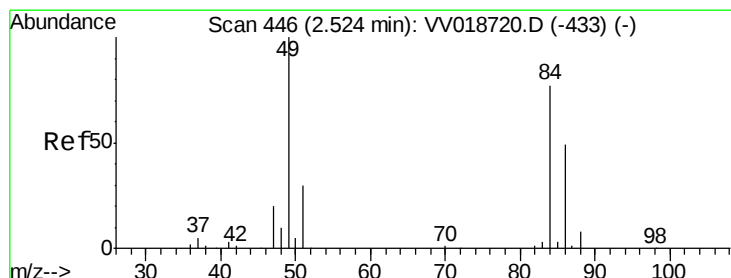
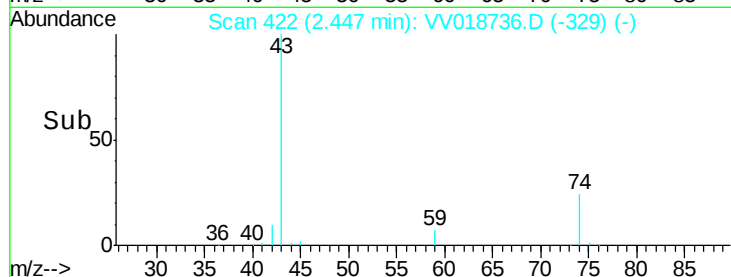
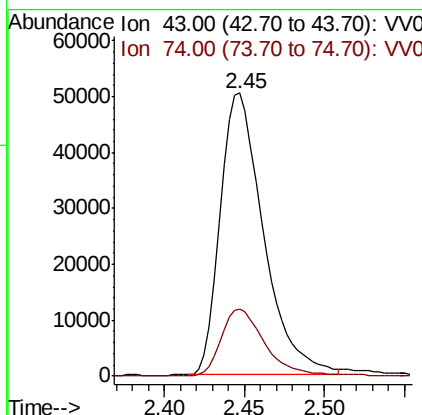
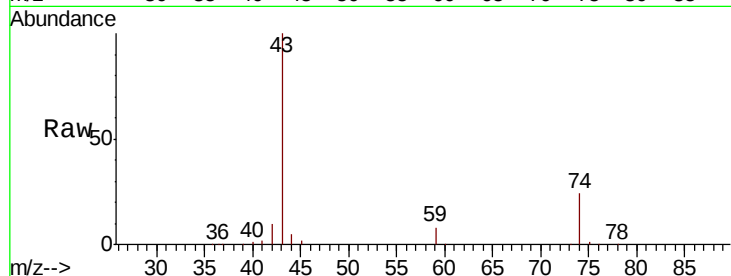




#15
Methvl Acetate
Concen: 37.945 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

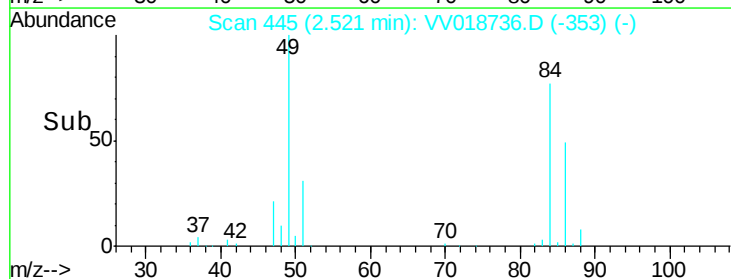
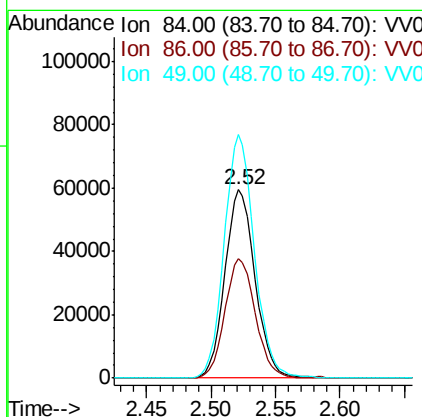
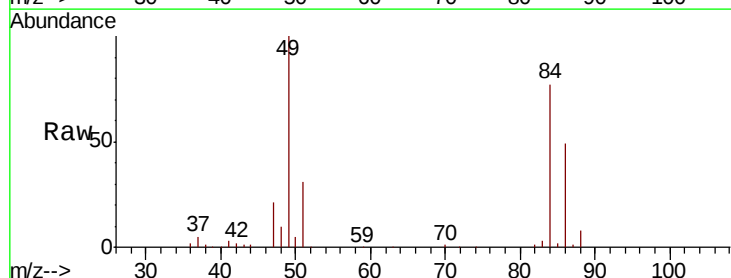
Instrument :
MSVOA_V
ClientSampled :

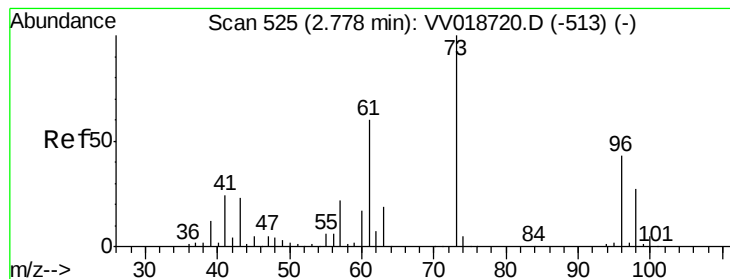
Tot Ion: 43 Resp: 93577
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



#16
Methylene chloride
Concen: 38.151 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Tgt Ion: 84 Resp: 96812
Ion Ratio Lower Upper
84 100
86 63.8 46.2 85.8
49 129.3 86.6 160.8





#17

trans-1,2-Dichloroethene

Concen: 37.136 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :

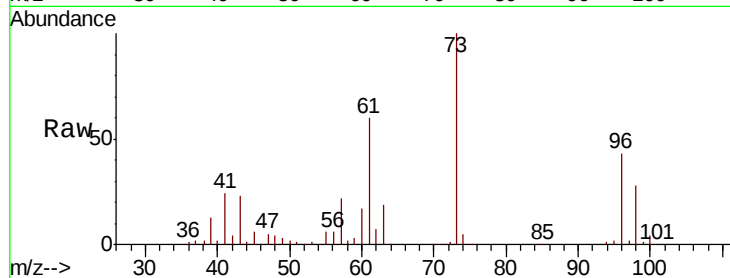
Tot Ion: 96 Resp: 89842

Ion Ratio Lower Upper

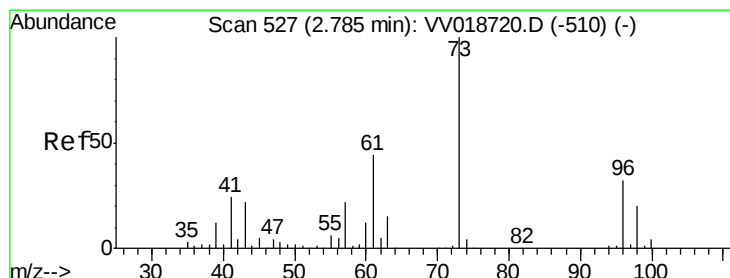
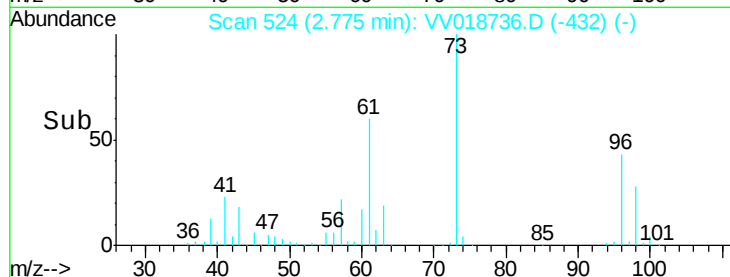
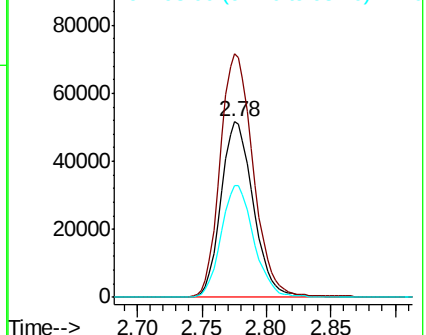
96 100

61 138.9 95.0 176.4

98 63.9 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 39.062 ug/L

RT: 2.78 min Scan# 526

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

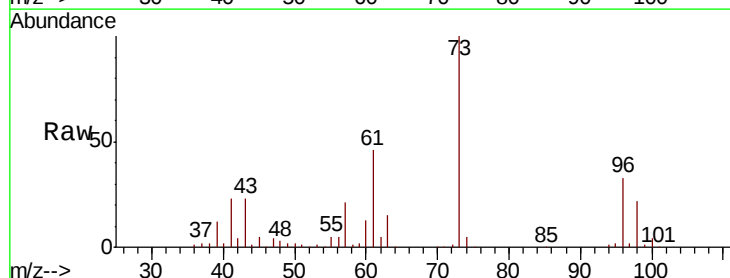
Tgt Ion: 73 Resp: 287925

Ion Ratio Lower Upper

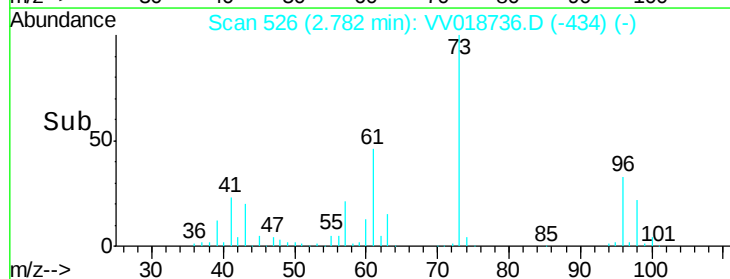
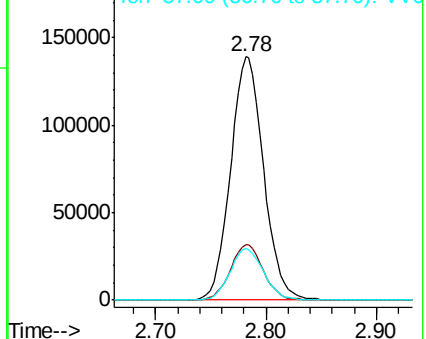
73 100

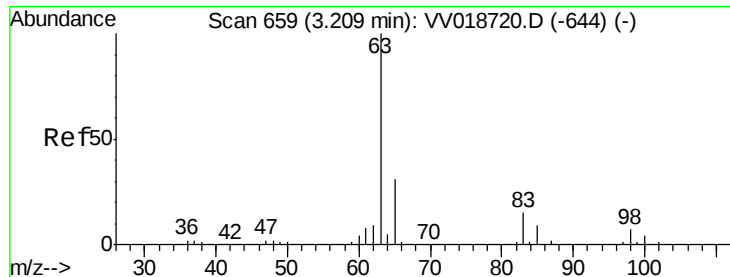
43 22.6 15.9 23.9

57 21.6 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0



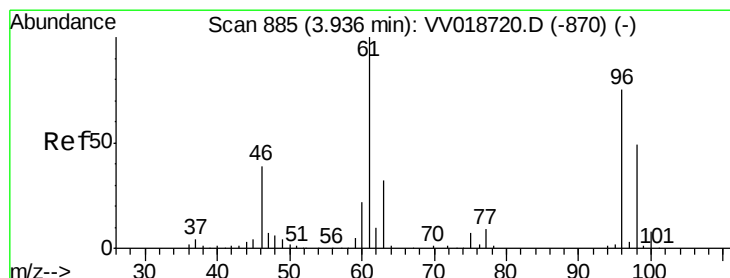
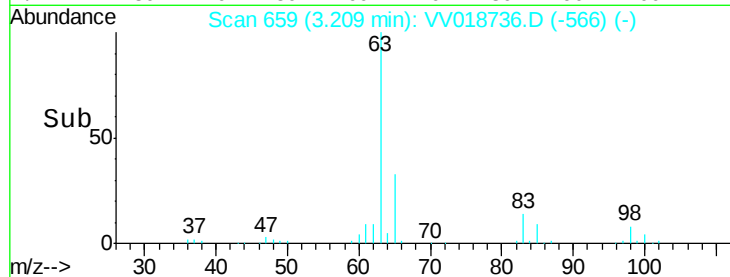
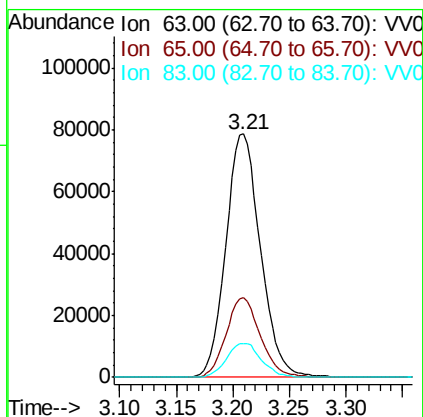
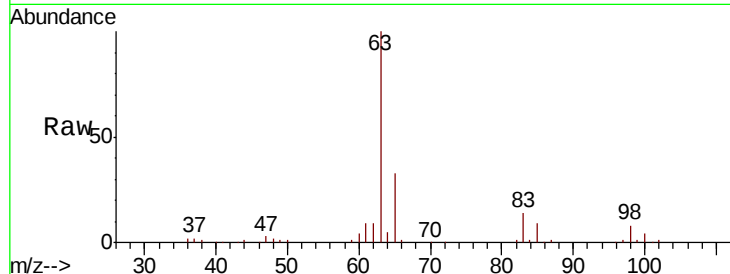


#19
 1,1-Dichloroethane
 Concen: 39.615 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 167808

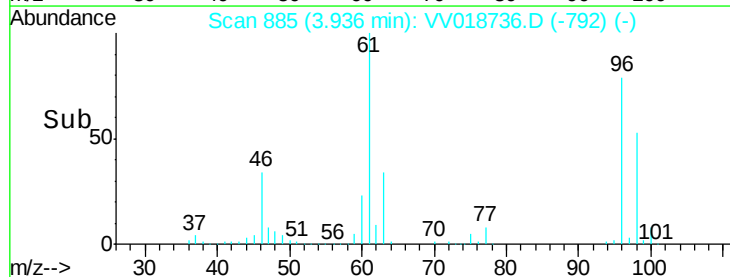
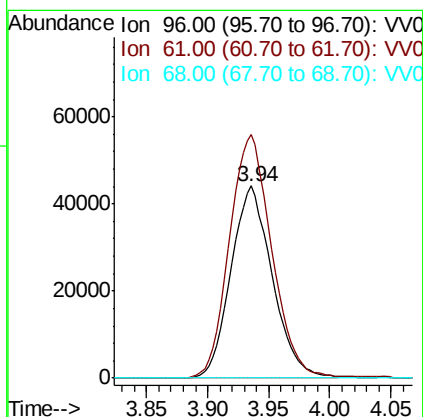
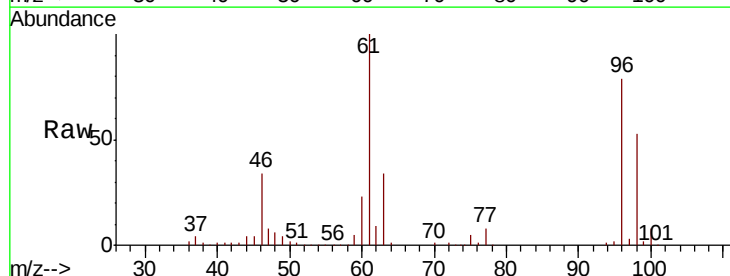
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.3	41.3
83	14.1	9.3	17.3

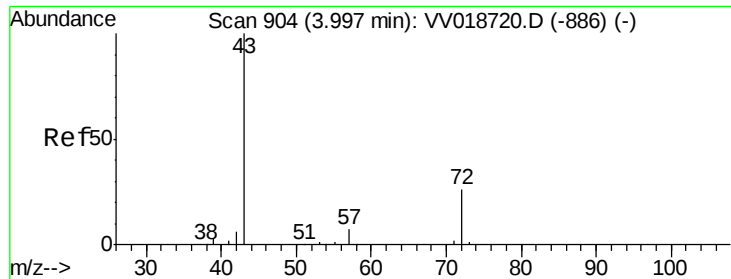


#20
 cis-1,2-Dichloroethene
 Concen: 40.354 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Tgt Ion: 96 Resp: 103755

Ion	Ratio	Lower	Upper
96	100		
61	126.9	86.8	161.2
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 83.389 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

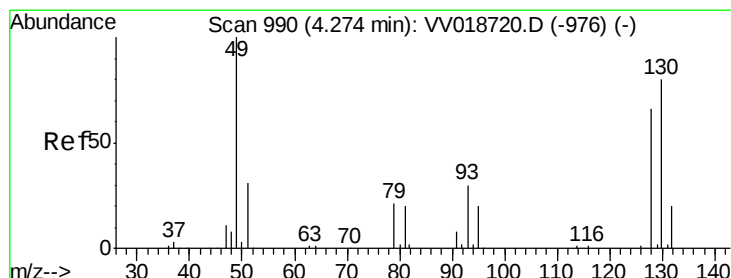
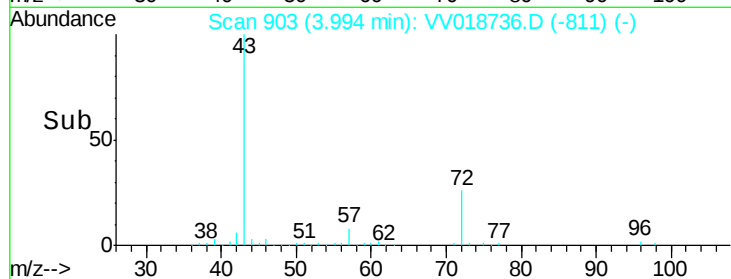
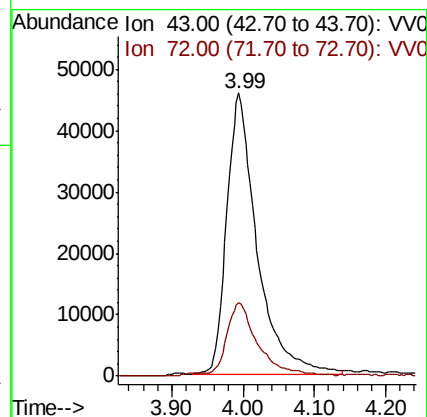
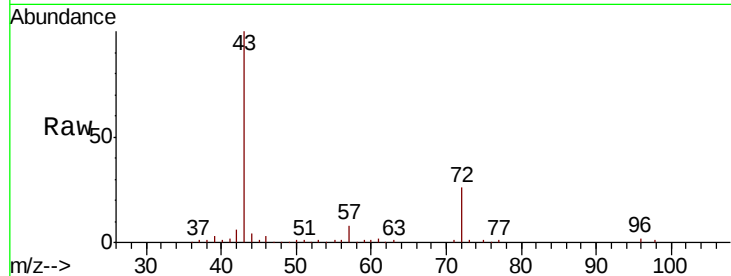
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 134846

Ion Ratio Lower Upper

43 100

72 24.8 12.1 36.3



#23

Bromochloromethane

Concen: 41.243 ug/L

RT: 4.27 min Scan# 989

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Tgt Ion: 128 Resp: 58310

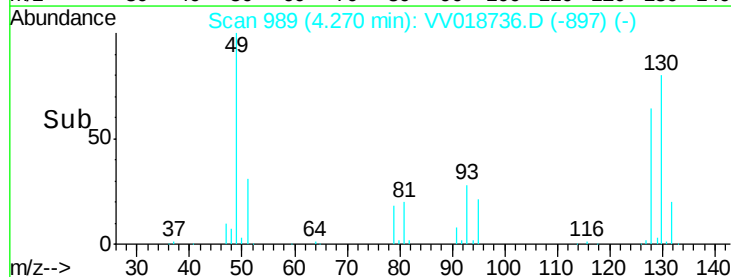
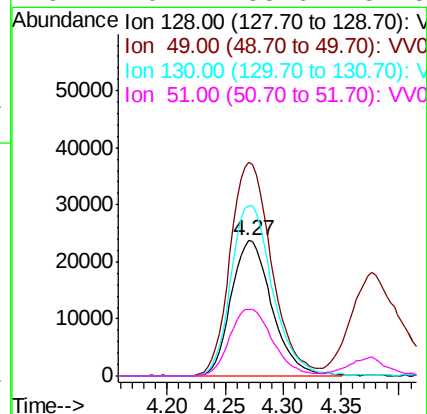
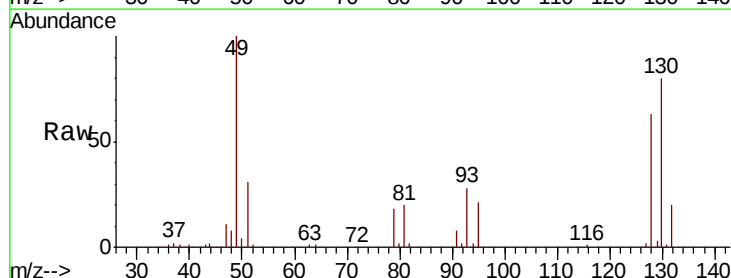
Ion Ratio Lower Upper

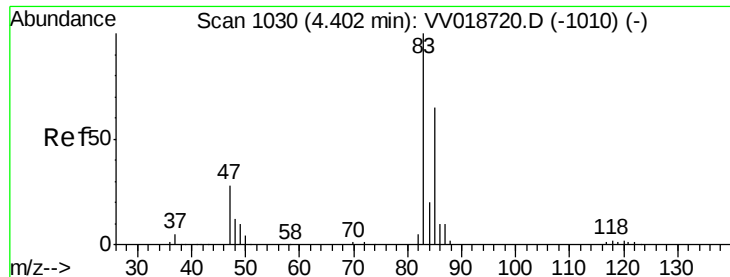
128 100

49 157.5 105.1 195.1

130 125.8 90.0 167.2

51 49.4 38.6 57.8

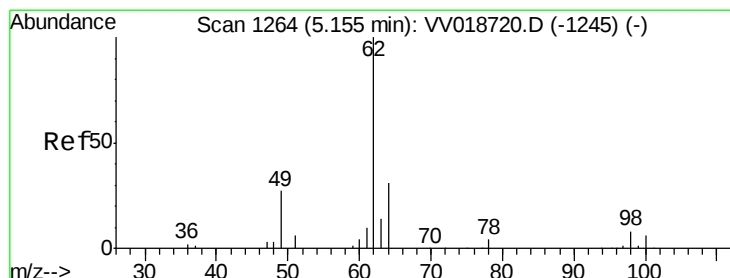
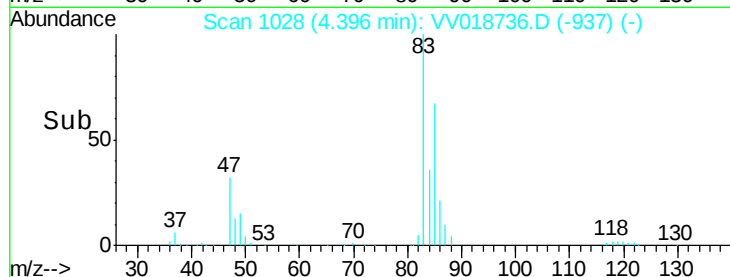
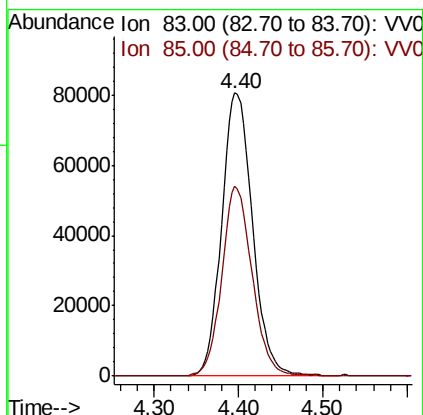
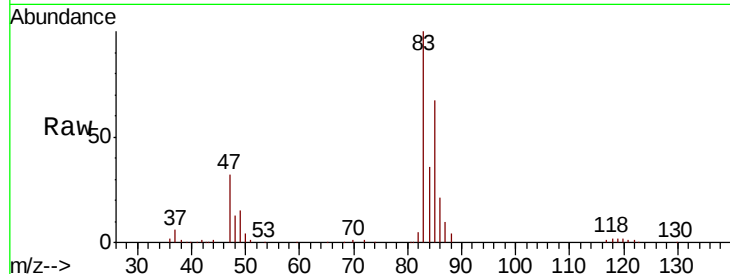




#25
Chloroform
Concen: 45.875 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

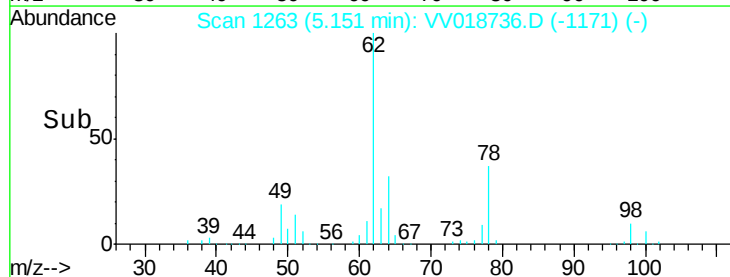
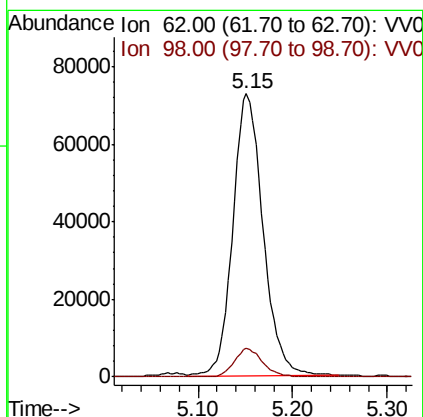
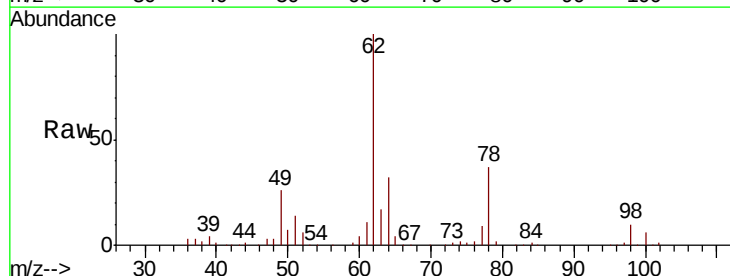
Instrument :
MSVOA_V
ClientSampleId :

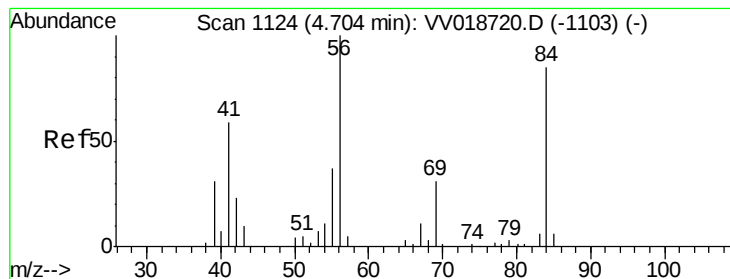
Tot Ion: 83 Resp: 205188
Ion Ratio Lower Upper
83 100
85 66.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 46.433 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Tgt Ion: 62 Resp: 161875
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5





#29

Cyclohexane

Concen: 49.925 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :
MSVOA_V
ClientSampled :

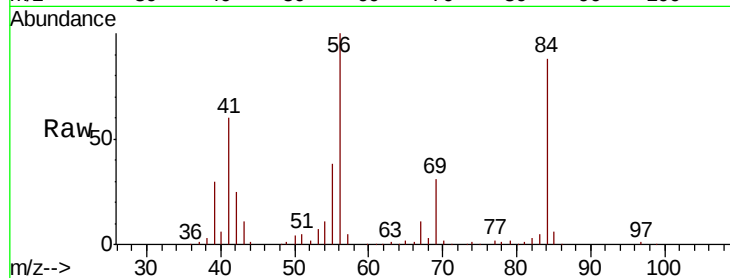
Tot Ion: 56 Resp: 164114

Ion Ratio Lower Upper

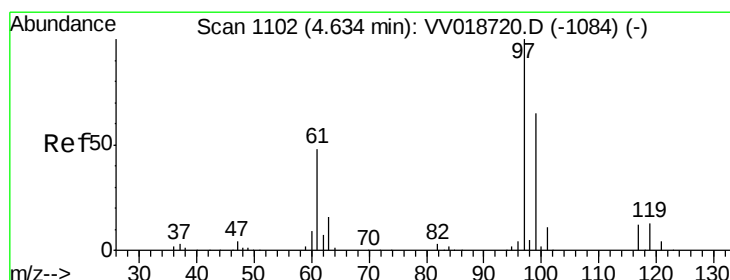
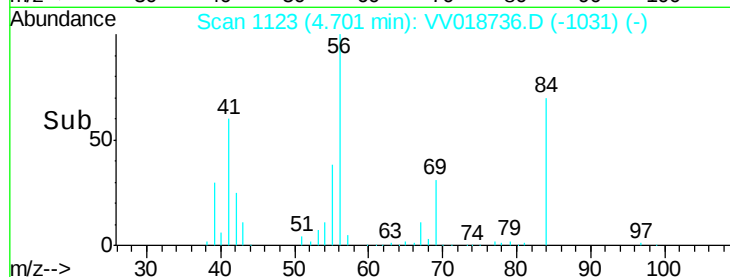
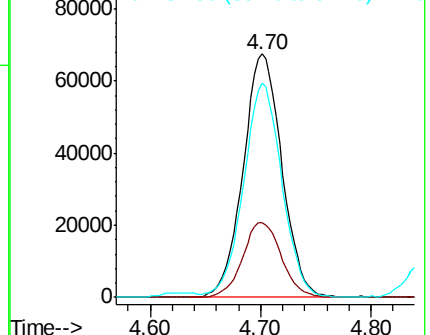
56 100

69 30.7 24.8 37.2

84 87.0 72.2 108.4



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 49.353 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

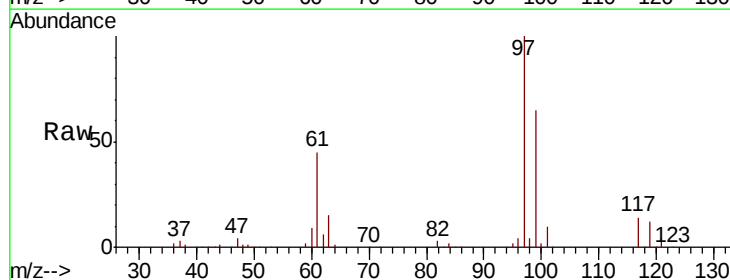
Tgt Ion: 97 Resp: 176589

Ion Ratio Lower Upper

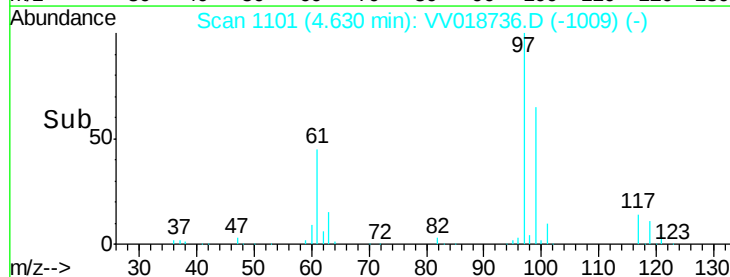
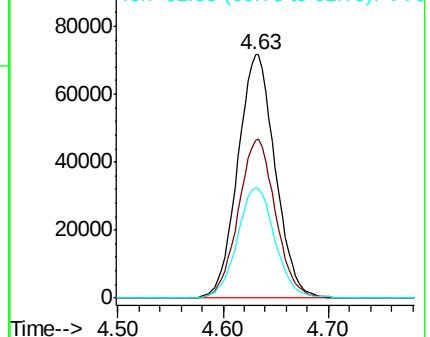
97 100

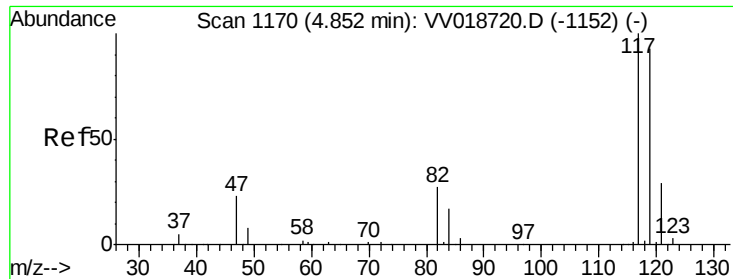
99 64.7 51.4 77.0

61 46.0 33.9 50.9



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.248 ug/L

RT: 4.85 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

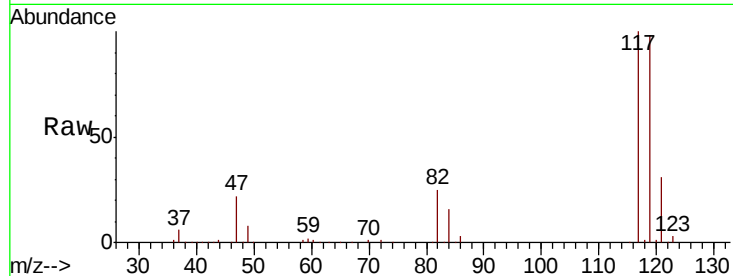
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 158147

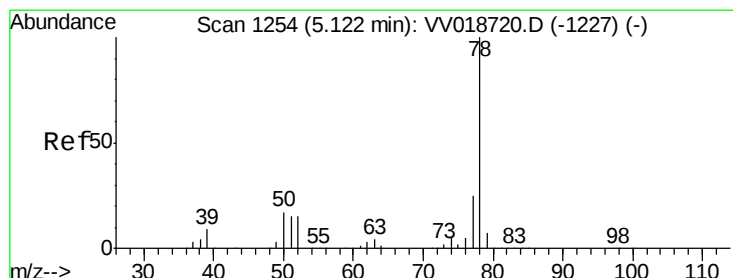
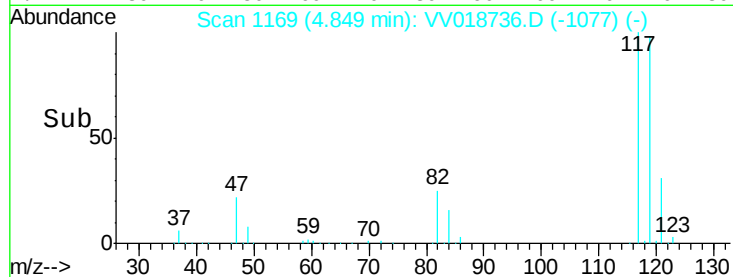
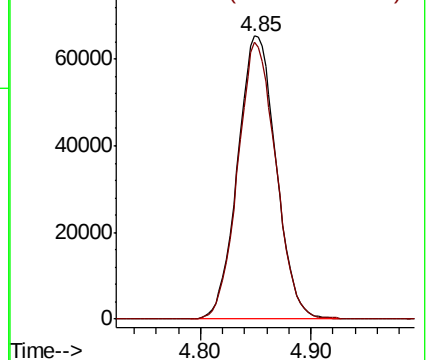
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.645 ug/L

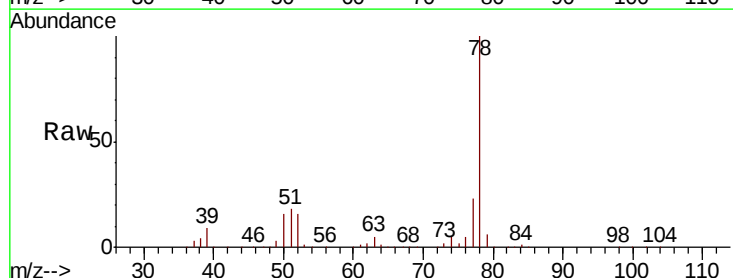
RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

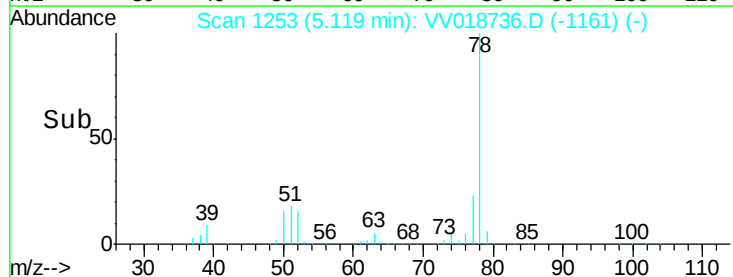
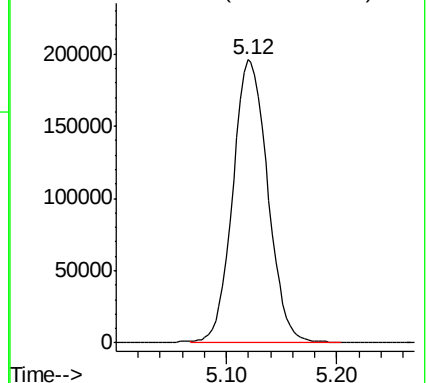
Lab File: VV018736.D

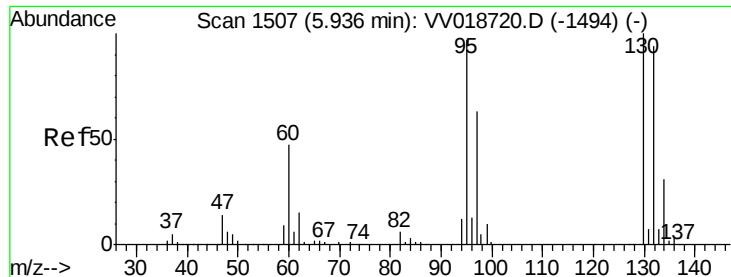
Acq: 07 Oct 2020 18:05

Tgt Ion: 78 Resp: 428828



Abundance Ion 78.00 (77.70 to 78.70): VV0

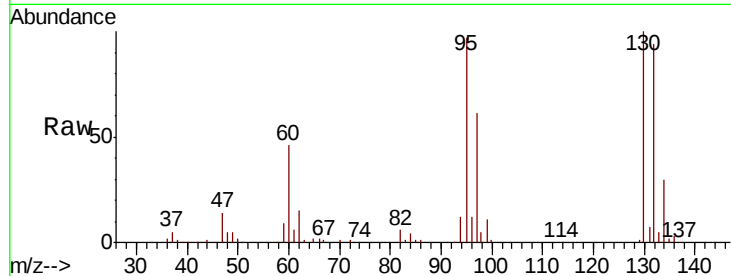




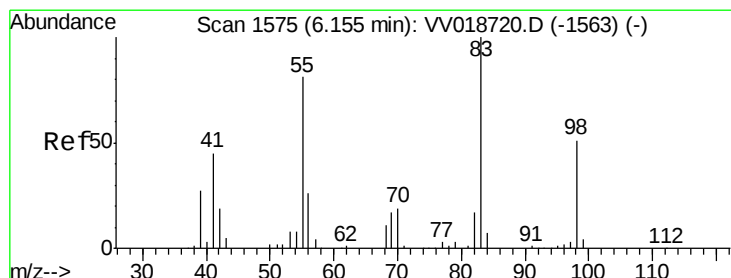
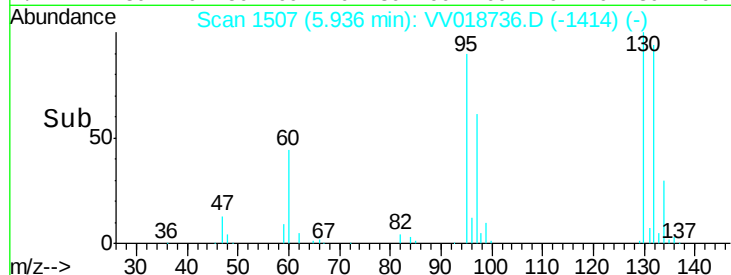
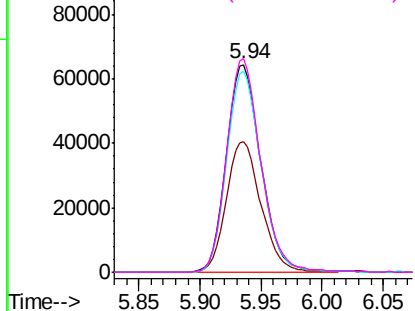
#34
 Trichloroethene
 Concen: 51.765 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 127250
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.9 85.3
 132 96.9 70.8 131.4
 130 102.8 75.3 139.8

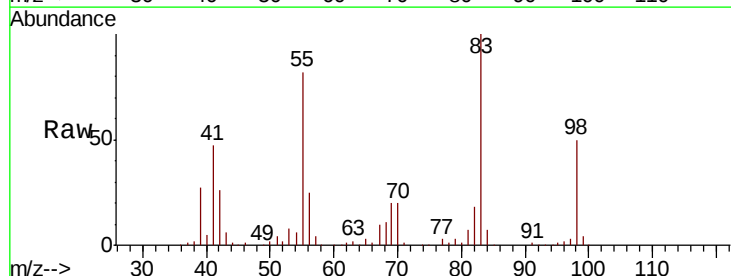


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

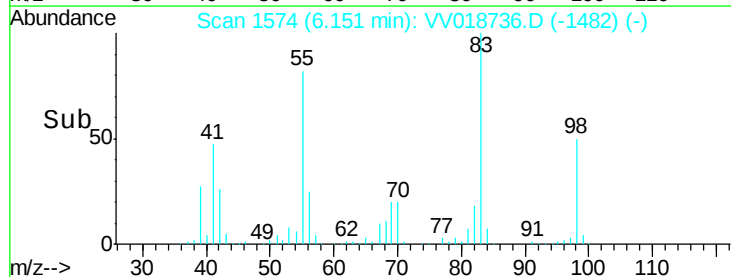
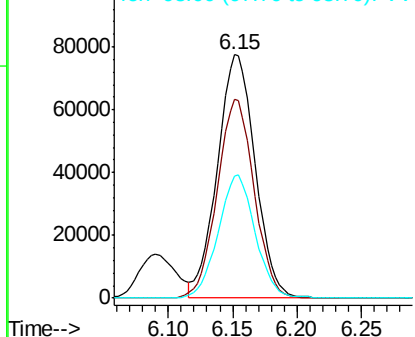


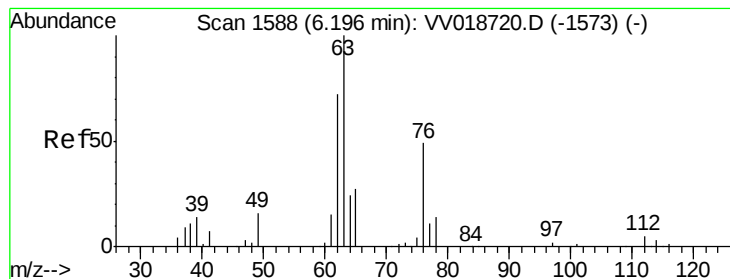
#35
 Methylcyclohexane
 Concen: 47.539 ug/L
 RT: 6.15 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Tgt Ion: 83 Resp: 157647
 Ion Ratio Lower Upper
 83 100
 55 79.7 60.1 90.1
 98 49.2 40.2 60.4



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: 53.551 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

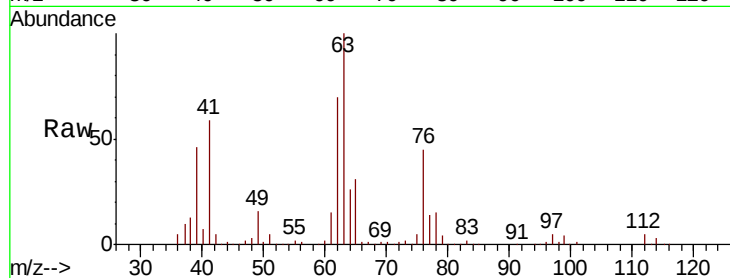
ClientSampled :

Tot Ion: 63 Resp: 116334

Ion Ratio Lower Upper

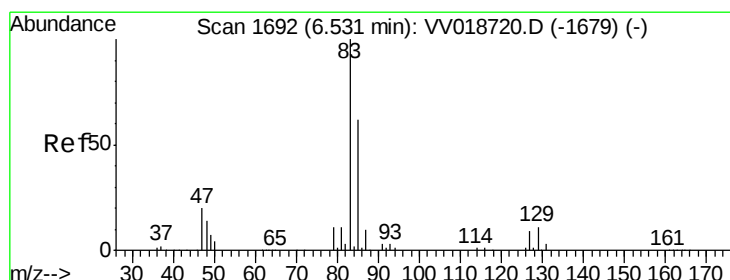
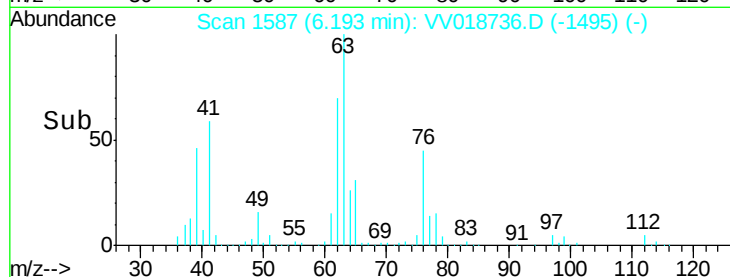
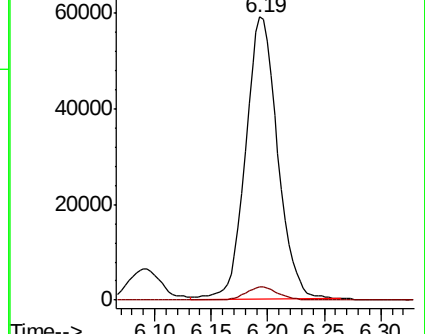
63 100

112 4.7 3.9 5.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 53.770 ug/L

RT: 6.53 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

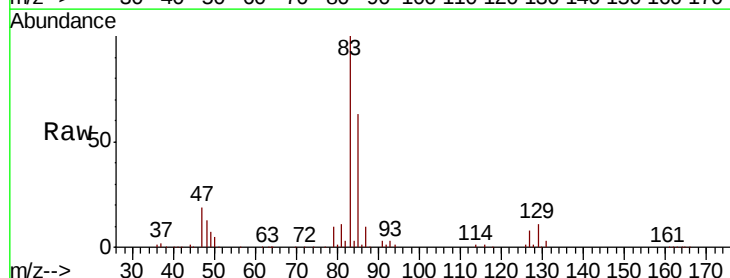
Tgt Ion: 83 Resp: 156436

Ion Ratio Lower Upper

83 100

85 63.4 44.5 82.7

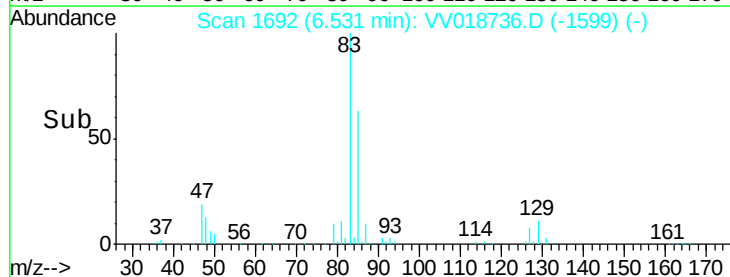
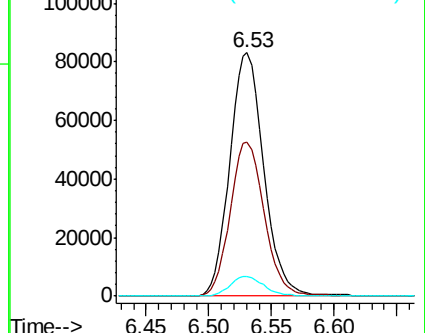
127 8.2 7.2 10.8

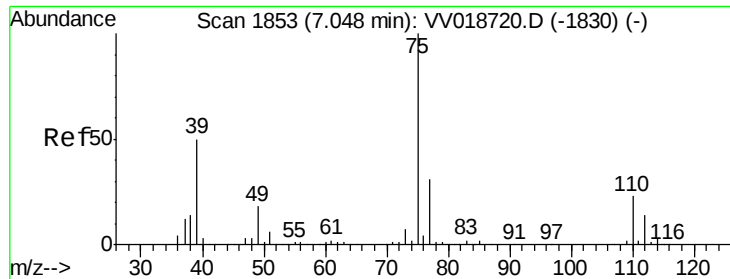


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

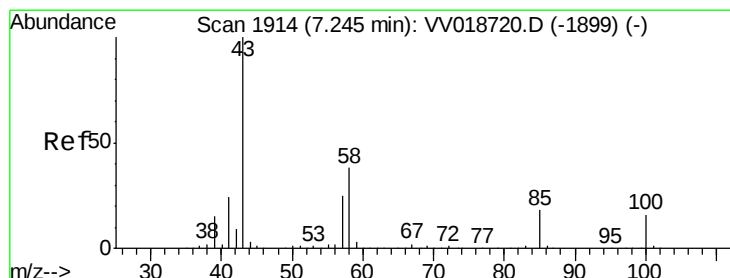
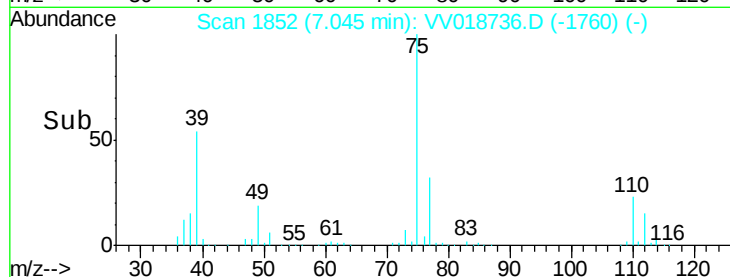
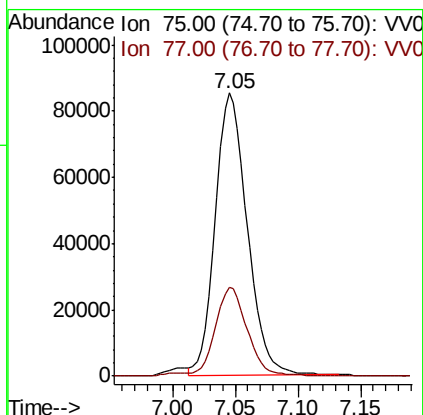
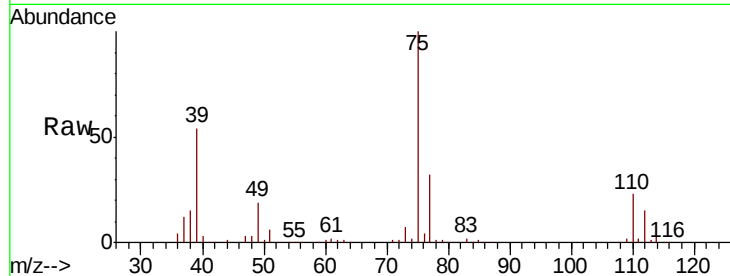




#39
 cis-1,3-Dichloropropene
 Concen: 44.384 ug/L
 RT: 7.05 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

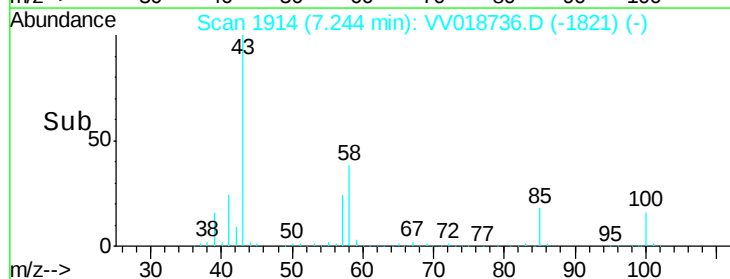
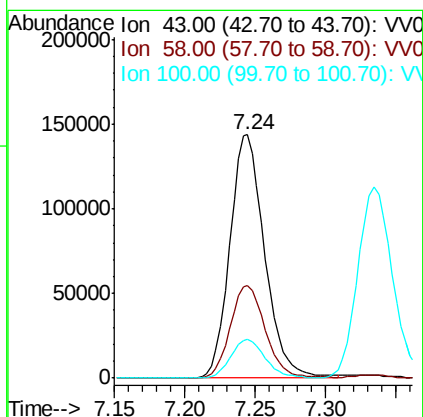
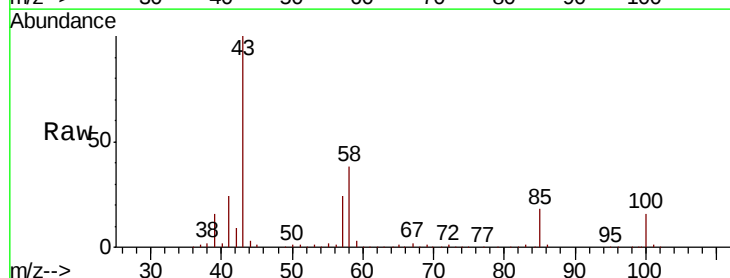
Instrument :
 MSVOA_V
 ClientSampleId :

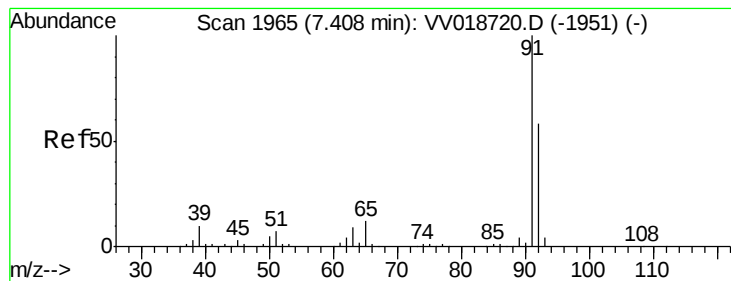
Tot Ion: 75 Resp: 151278
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 88.522 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Tgt Ion: 43 Resp: 248145
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.8 47.6
 100 15.8 13.4 20.0





#42

Toluene

Concen: 44.541 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

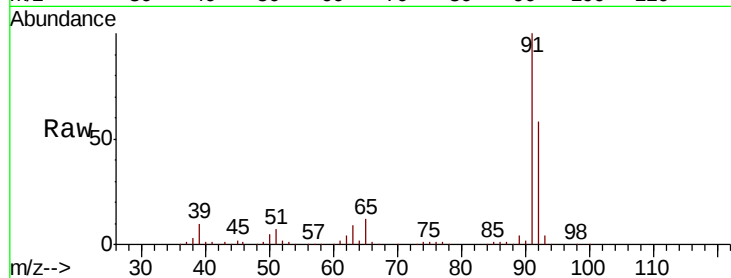
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 407997

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV018720.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV018720.D (-1951) (-)

7.41

250000

200000

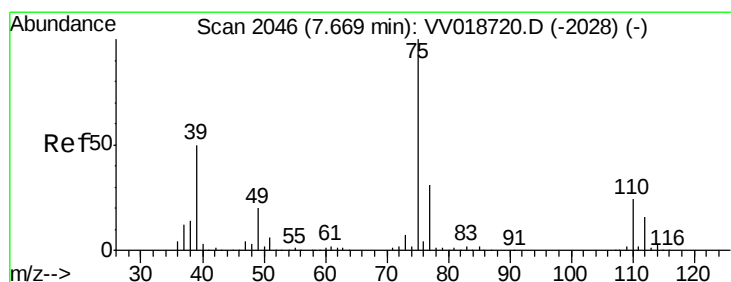
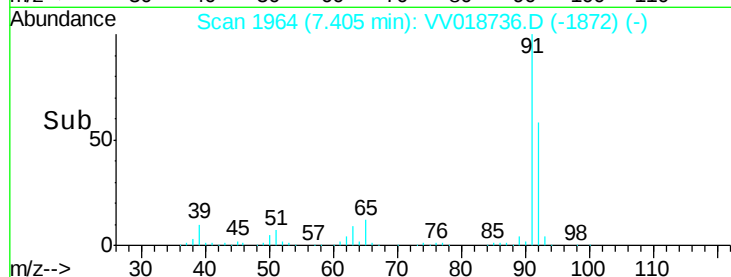
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 46.467 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018736.D

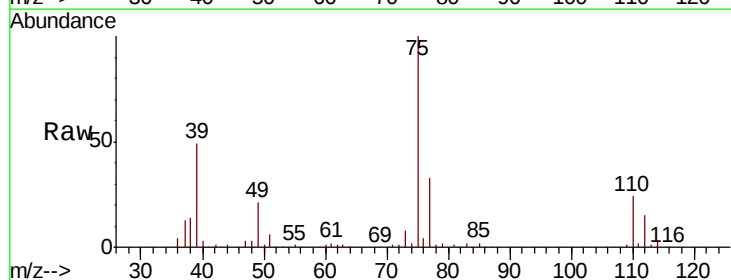
Acq: 07 Oct 2020 18:05

Tgt Ion: 75 Resp: 155578

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV018720.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV018720.D (-2028) (-)

7.67

100000

80000

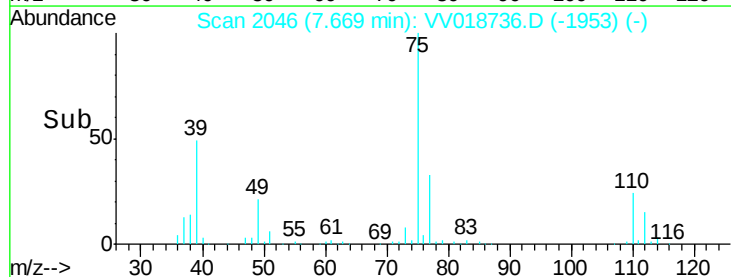
60000

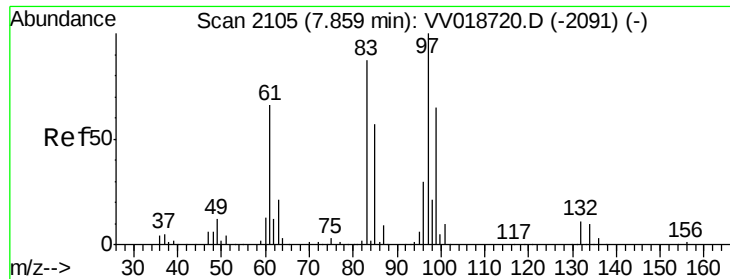
40000

20000

0

Time-->

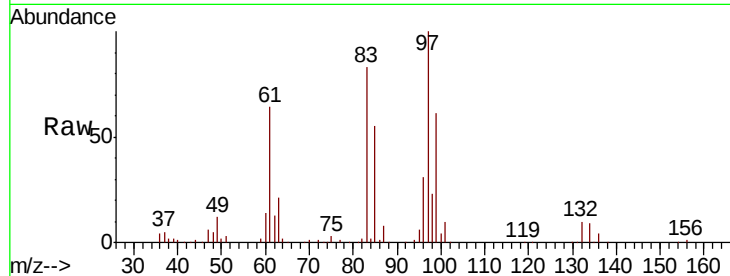




#45
1,1,2-Trichloroethane
Concen: 44.709 ug/L
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

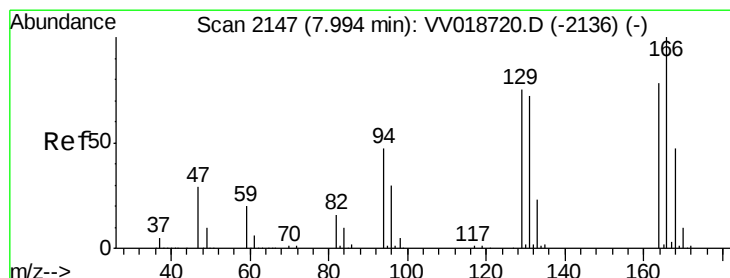
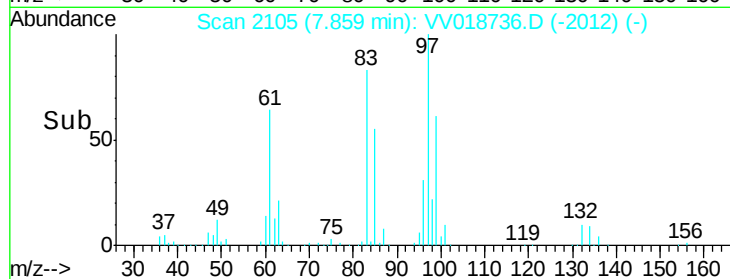
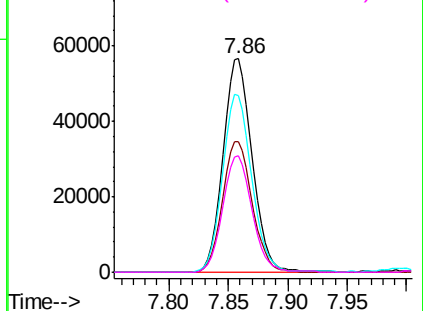
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	97	Resp:	96150
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.3
83	82.8	60.5	112.5
85	54.6	38.3	71.1



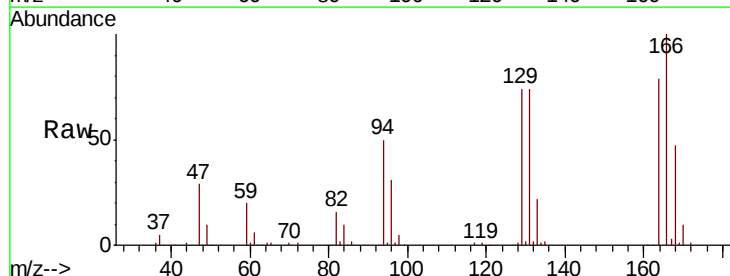
Abundance

Ion 97.00 (96.70 to 97.70): VV018736.D (-2012) (-)



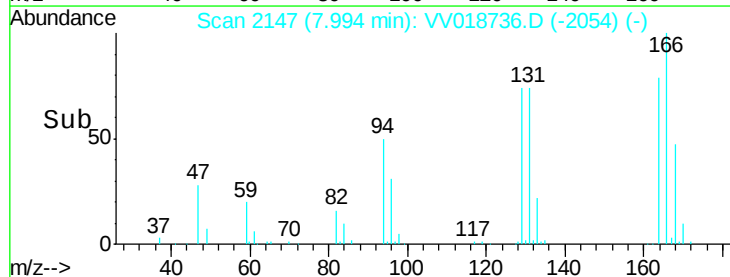
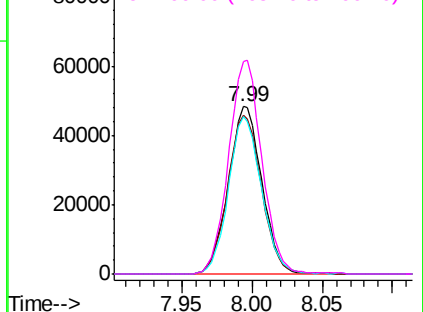
#46
Tetrachloroethene
Concen: 40.341 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

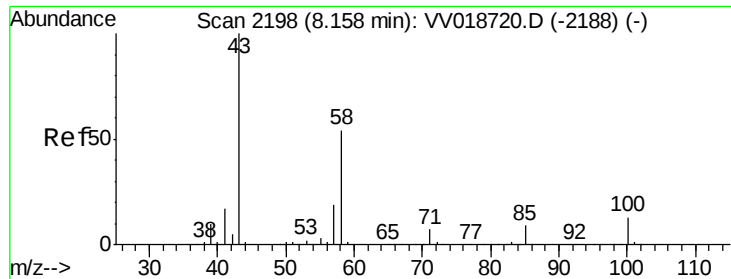
Tgt Ion:	164	Resp:	80452
Ion	Ratio	Lower	Upper
164	100		
129	94.6	62.8	116.6
131	94.2	60.8	112.8
166	127.0	88.9	165.1



Abundance

Ion 164.00 (163.70 to 164.70): VV018736.D (-2054) (-)

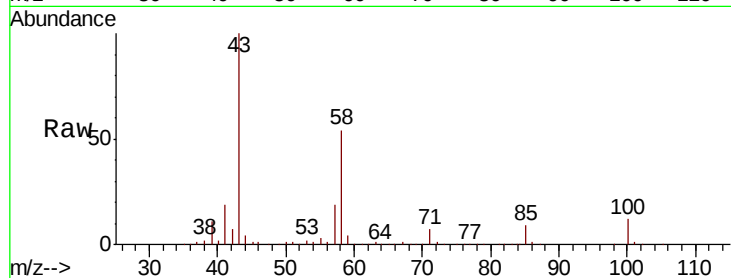




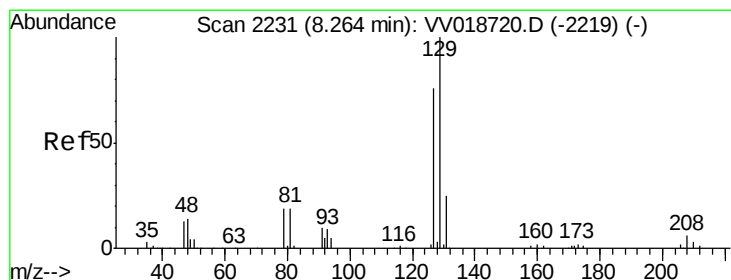
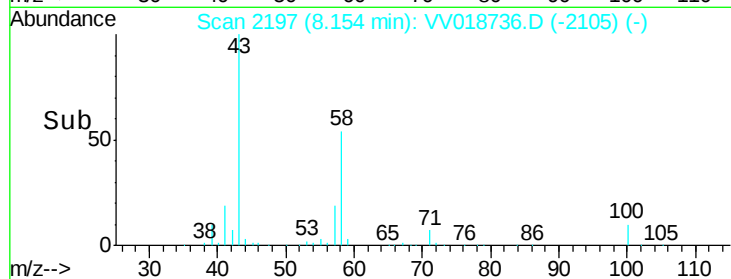
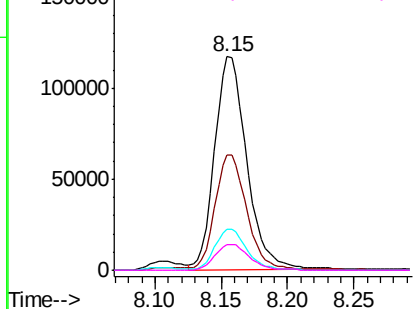
#48
2-Hexanone
Concen: 89.725 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 196244
Ion Ratio Lower Upper
43 100
58 52.2 45.1 67.7
57 19.3 15.7 23.5
100 13.0 11.0 16.4

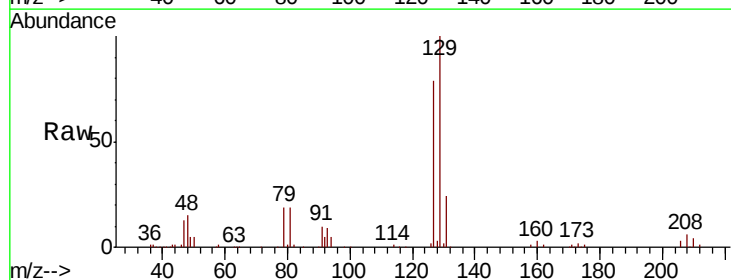


Abundance Ion 43.00 (42.70 to 43.70): VV018736.D (-2197) (-)
Ion 58.00 (57.70 to 58.70): VV018736.D (-2197) (-)
Ion 57.00 (56.70 to 57.70): VV018736.D (-2197) (-)
Ion 100.00 (99.70 to 100.70): VV018736.D (-2197) (-)

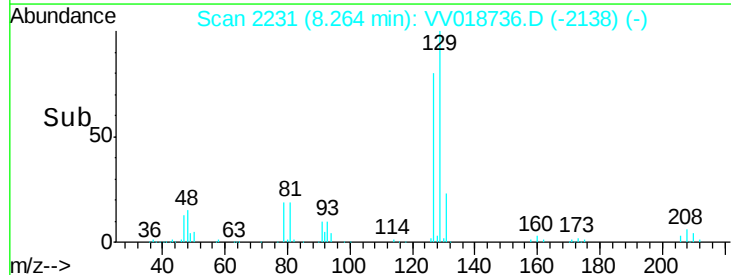
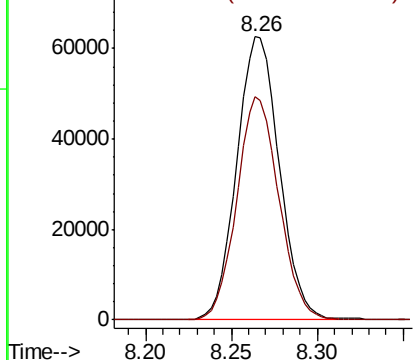


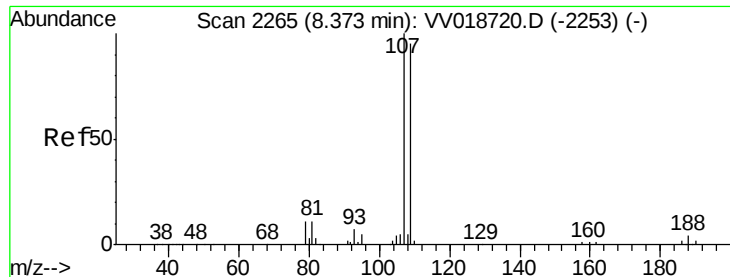
#49
Dibromochloromethane
Concen: 43.715 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Tgt Ion: 129 Resp: 107527
Ion Ratio Lower Upper
129 100
127 79.0 54.1 100.5



Abundance Ion 129.00 (128.70 to 129.70): VV018736.D (-2230) (-)
Ion 127.00 (126.70 to 127.70): VV018736.D (-2230) (-)

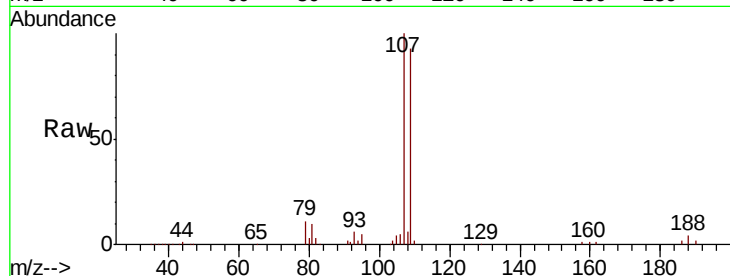




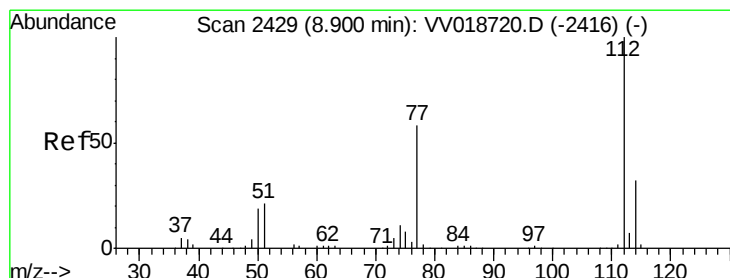
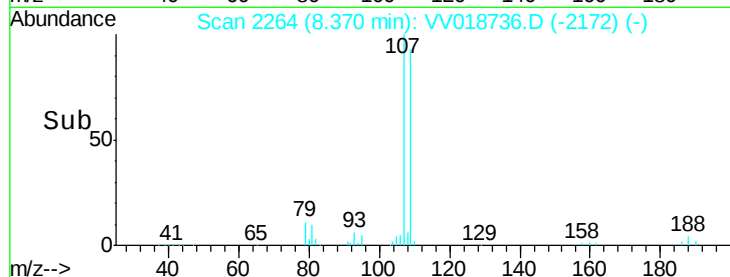
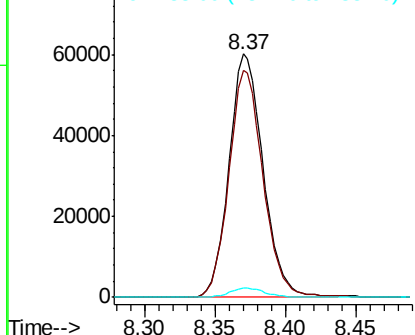
#50
1,2-Dibromoethane
Concen: 44.440 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.1	120.9
188	3.7	3.7	5.5

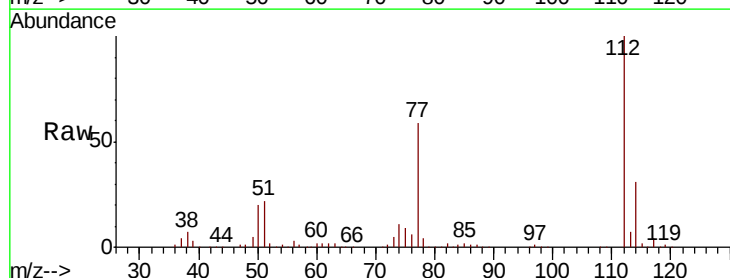


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

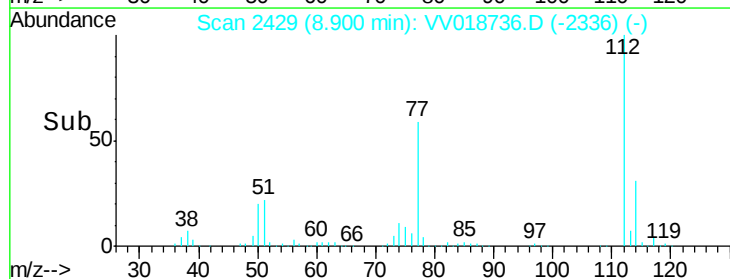
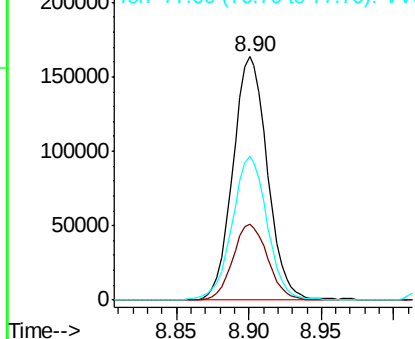


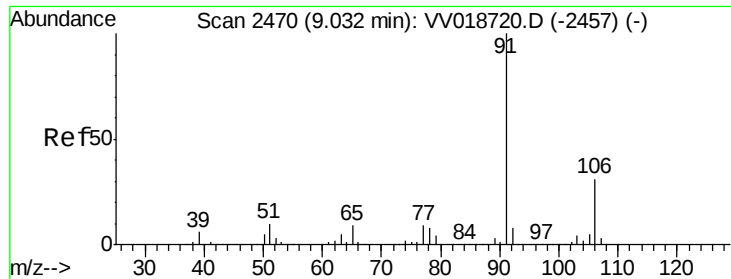
#51
Chlorobenzene
Concen: 43.596 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018736.D
Acq: 07 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.4	41.6
77	58.8	44.8	67.2



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: 44.317 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

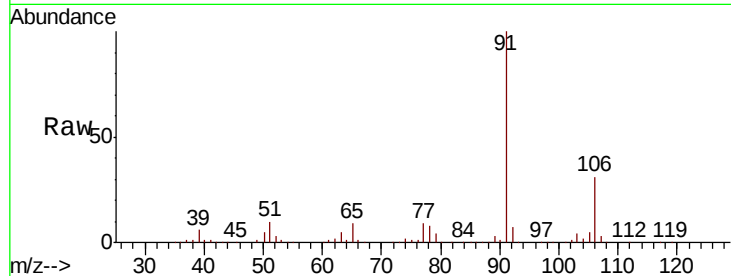
ClientSampleId :

Tot Ion: 91 Resp: 453341

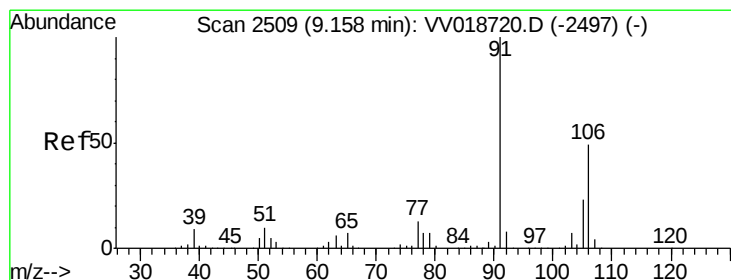
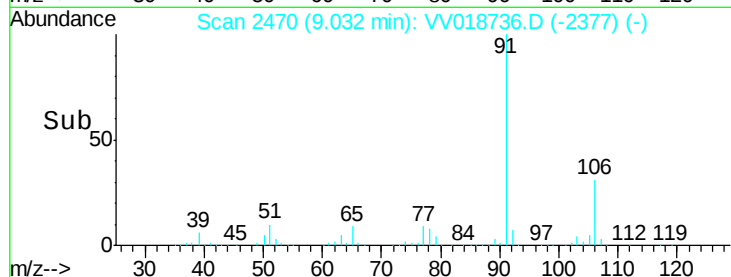
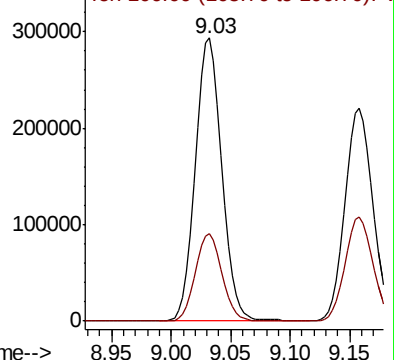
Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VV018720.D (-2457) (-)



#53

m,p-Xylene

Concen: 44.084 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018736.D

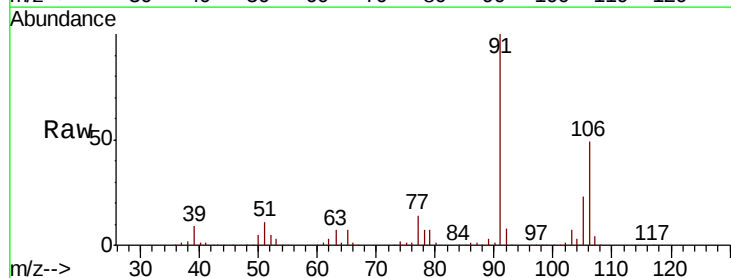
Acq: 07 Oct 2020 18:05

Tgt Ion: 106 Resp: 174279

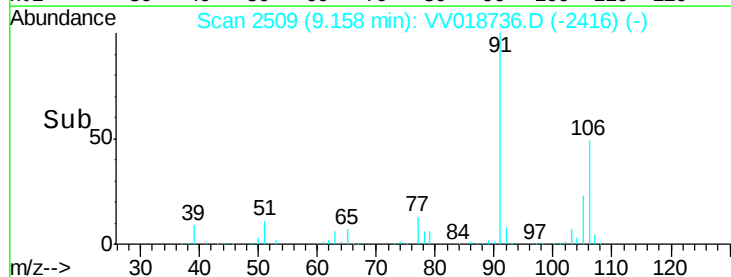
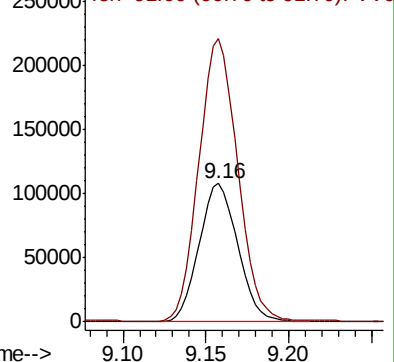
Ion Ratio Lower Upper

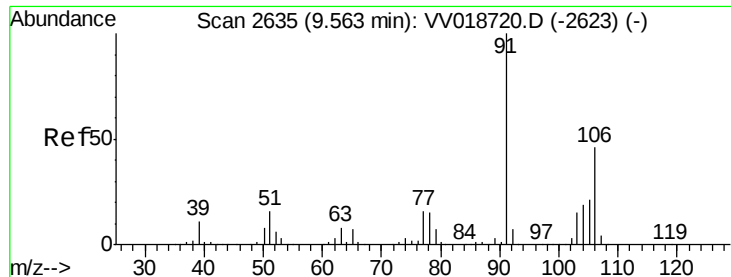
106 100

91 204.9 142.3 264.3



Abundance Ion 106.00 (105.70 to 106.70): VV018720.D (-2497) (-)





#54

o-xylene

Concen: 44.279 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

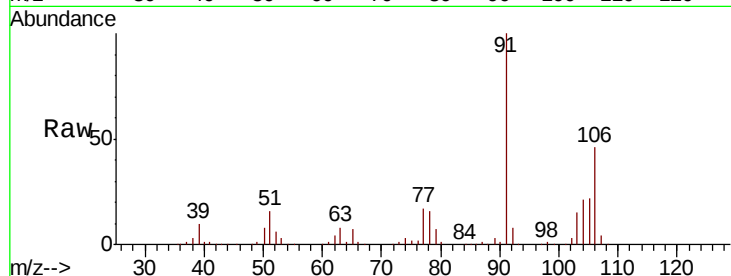
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 165732

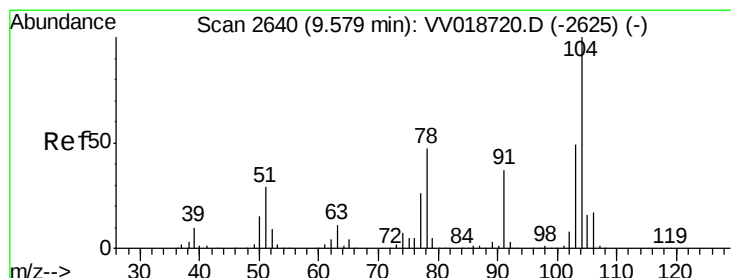
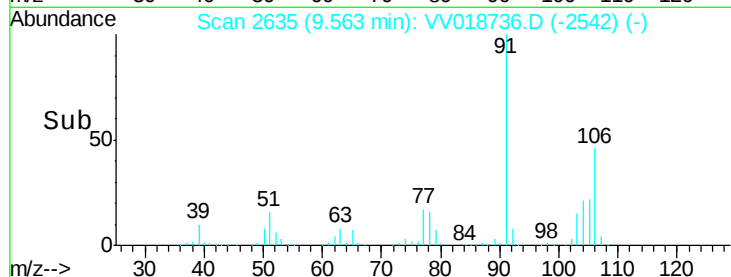
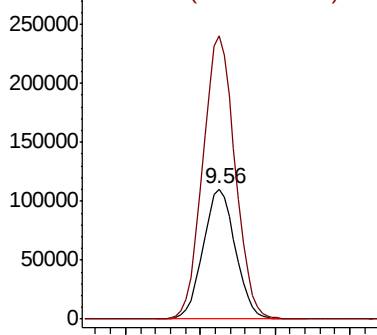
Ion Ratio Lower Upper

106 100

91 218.0 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 45.897 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV018736.D

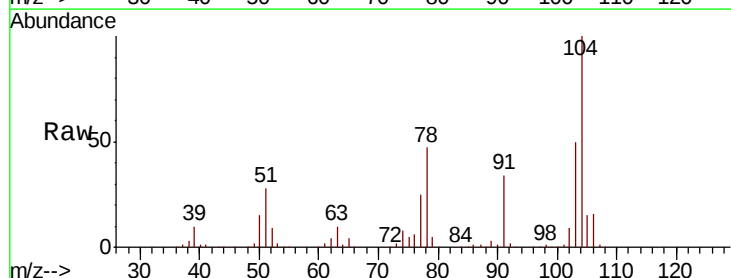
Acq: 07 Oct 2020 18:05

Tgt Ion:104 Resp: 299121

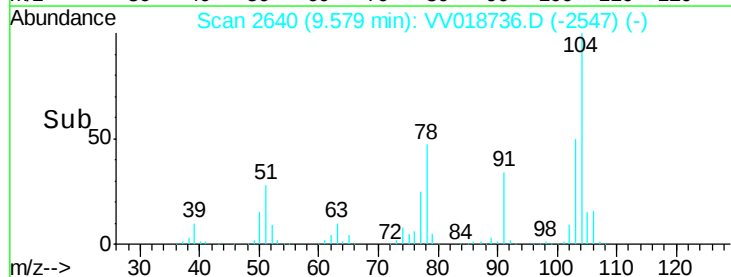
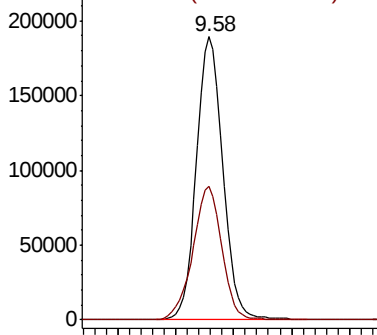
Ion Ratio Lower Upper

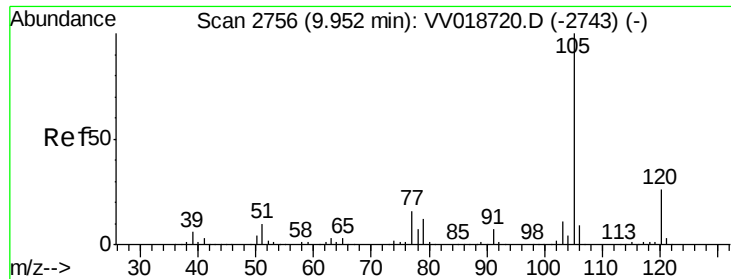
104 100

78 47.1 30.2 56.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 43.843 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :

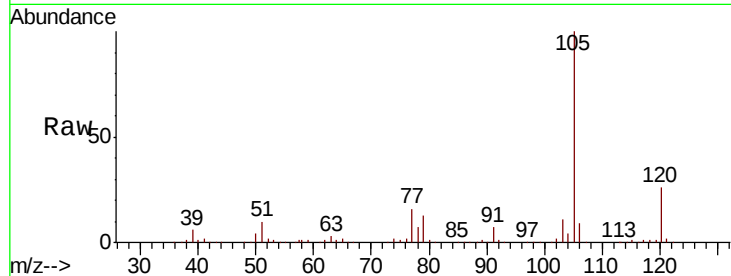
Tot Ion:105 Resp: 440093

Ion Ratio Lower Upper

105 100

120 26.6 21.5 32.3

77 16.1 12.2 18.2

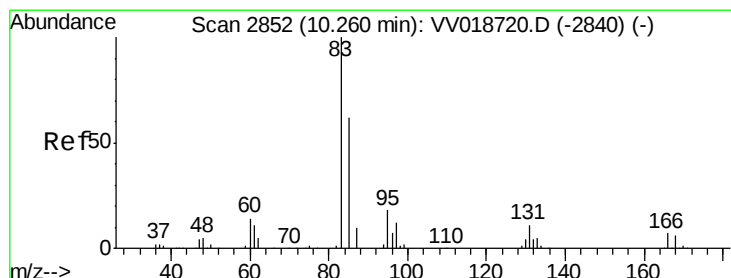
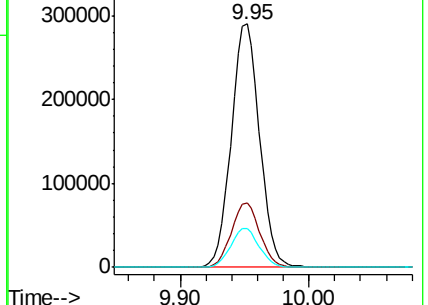
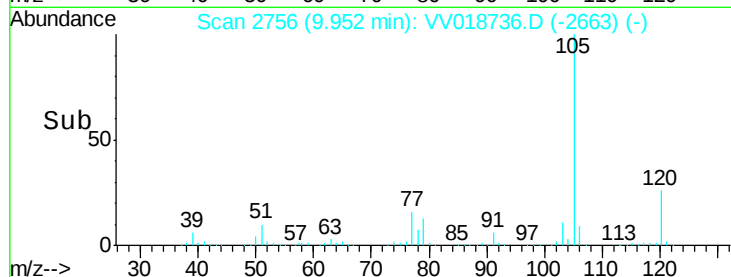


Abundance Ion 105.00 (104.70 to 105.70): VV018720.D (-2743) (-)

Ion 120.00 (119.70 to 120.70): VV018720.D (-2743) (-)

Ion 77.00 (76.70 to 77.70): VV018720.D (-2743) (-)

Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 41.708 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

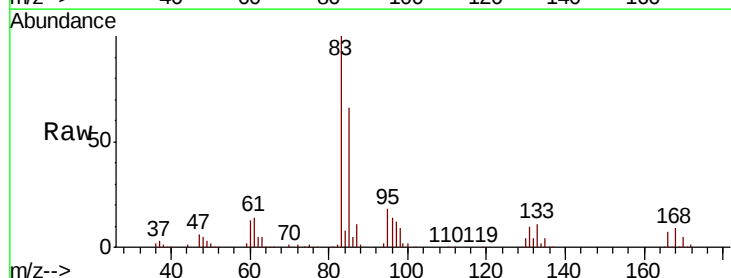
Tgt Ion: 83 Resp: 126431

Ion Ratio Lower Upper

83 100

85 65.7 44.5 82.7

131 10.2 8.6 12.8

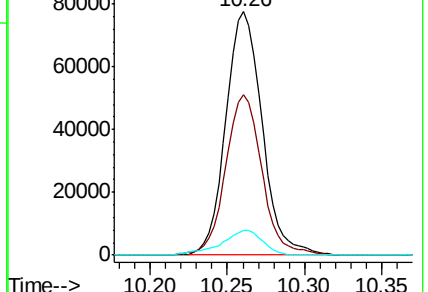
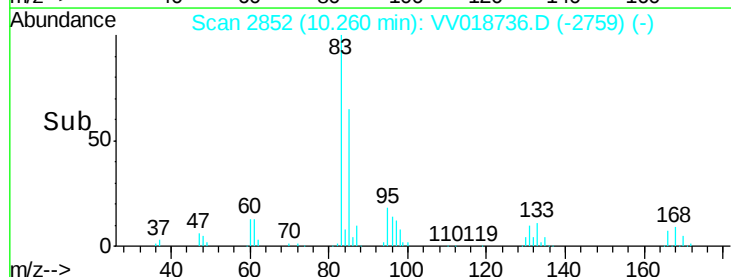


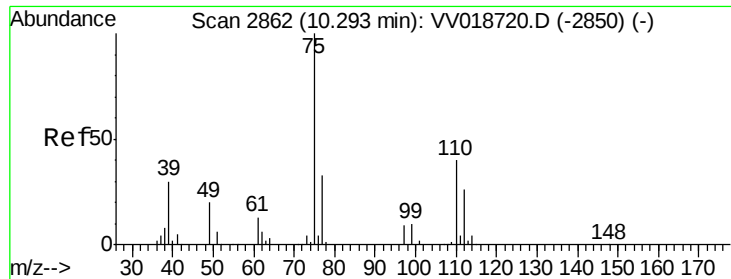
Abundance Ion 83.00 (82.70 to 83.70): VV018720.D (-2840) (-)

Ion 85.00 (84.70 to 85.70): VV018720.D (-2840) (-)

Ion 131.00 (130.70 to 131.70): VV018720.D (-2840) (-)

Time-->

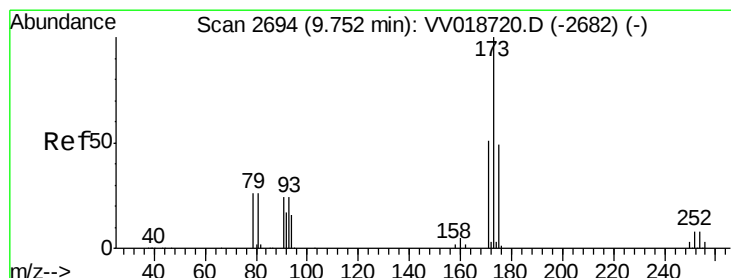
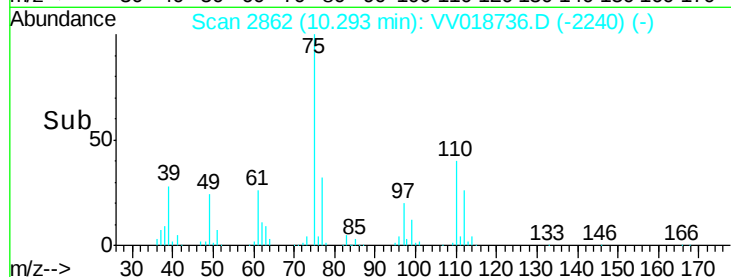
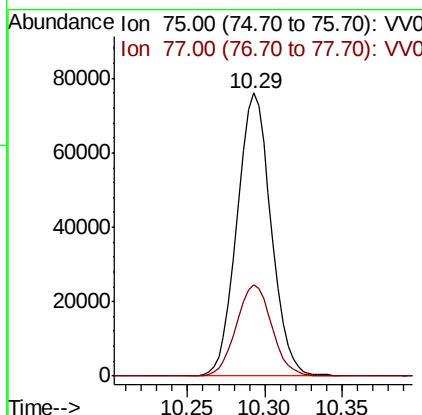
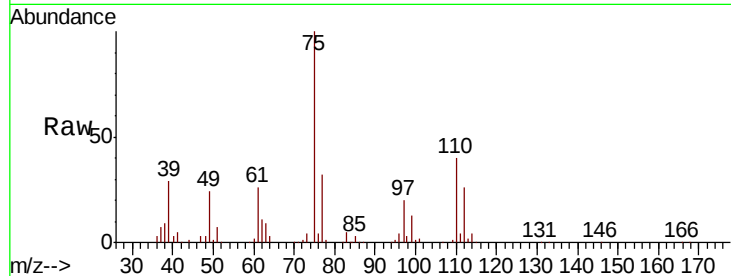




#59
 1,2,3-Trichloropropane
 Concen: 44.042 ug/L
 RT: 10.29 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

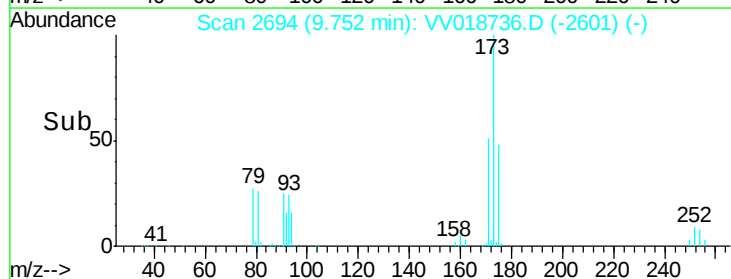
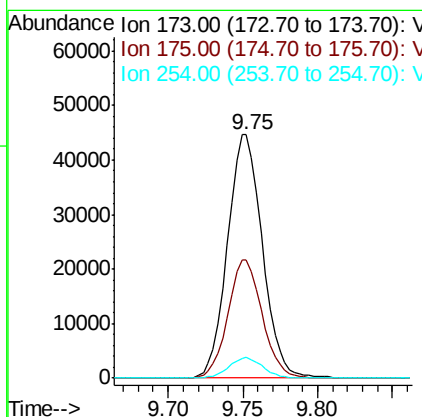
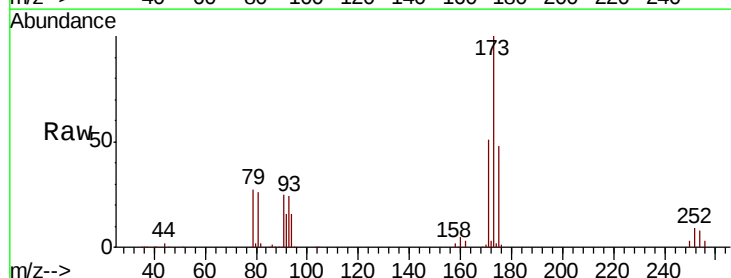
Instrument :
 MSVOA_V
 ClientSampled :

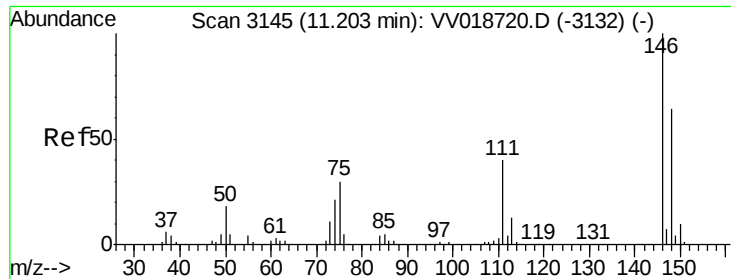
Tot Ion: 75 Resp: 116378
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.0



#61
 Bromoform
 Concen: 41.511 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Tgt Ion: 173 Resp: 72529
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.8 59.8
 254 8.1 8.5 12.7#

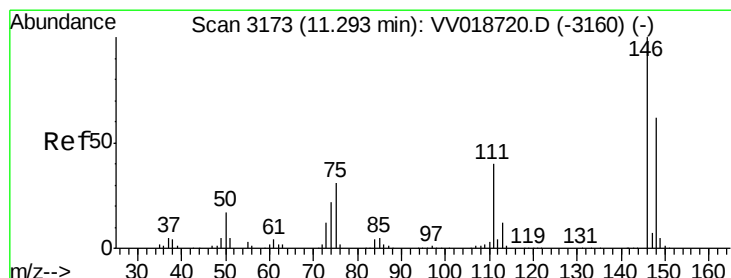
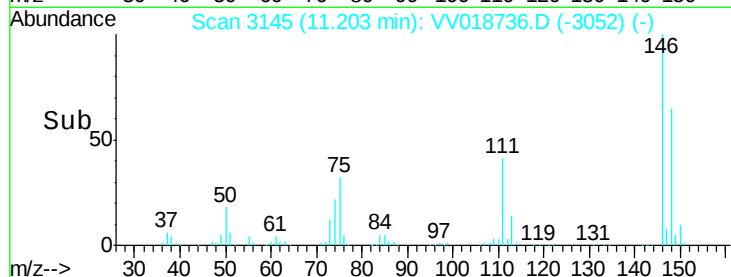
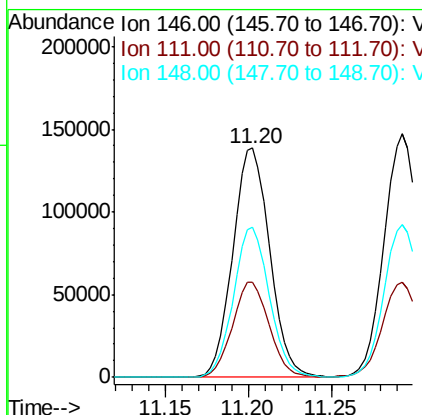
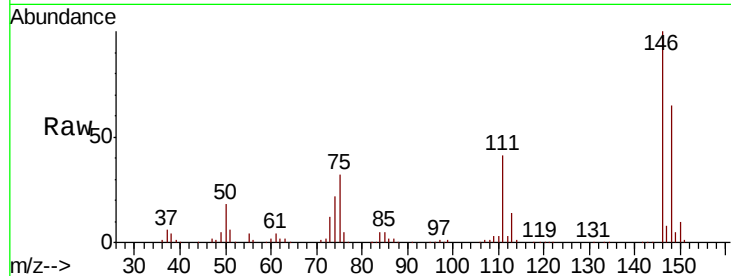




#62
 1,3-Dichlorobenzene
 Concen: 43.781 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

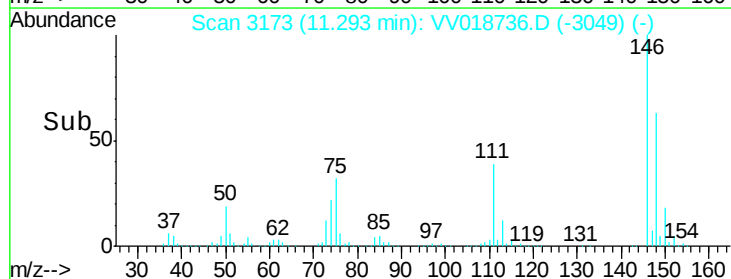
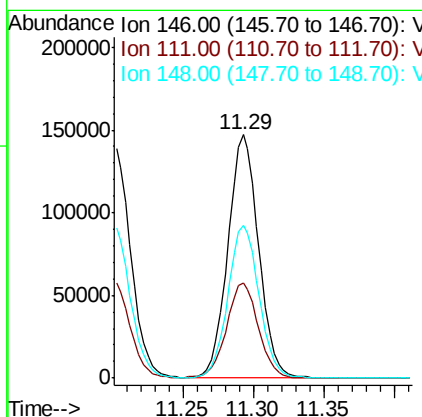
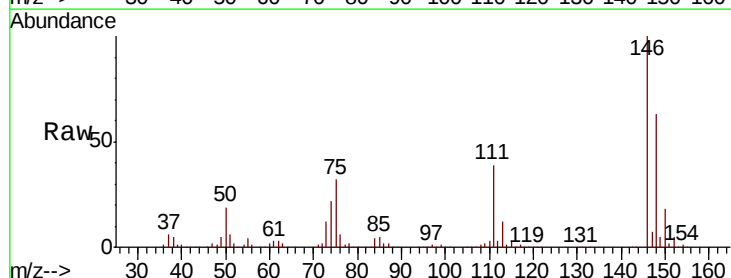
Instrument :
 MSVOA_V
 ClientSampleId :

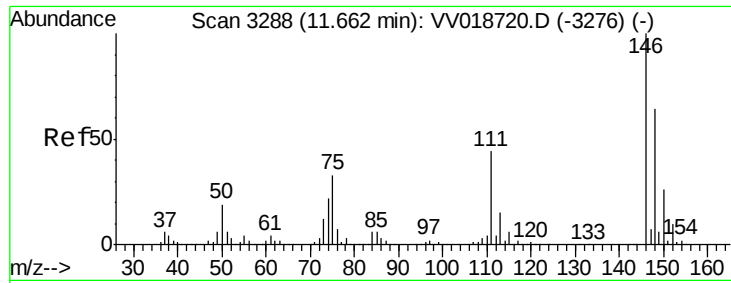
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	26.8	49.8
148	65.4	44.0	81.8



#63
 1,4-Dichlorobenzene
 Concen: 44.199 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.2	48.6
148	62.6	44.4	82.5





#65

1,2-Dichlorobenzene

Concen: 44.317 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

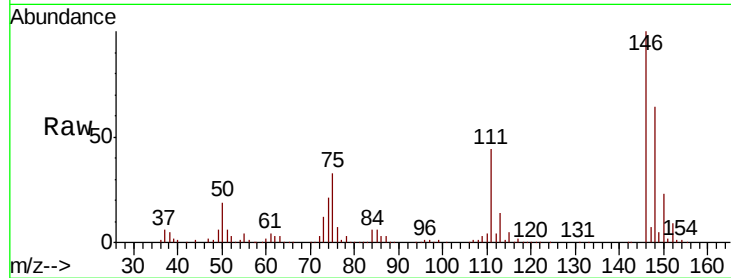
Tot Ion:146 Resp: 215821

Ion Ratio Lower Upper

146 100

111 44.0 32.8 49.2

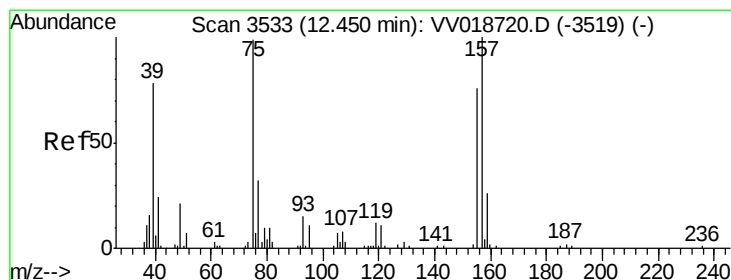
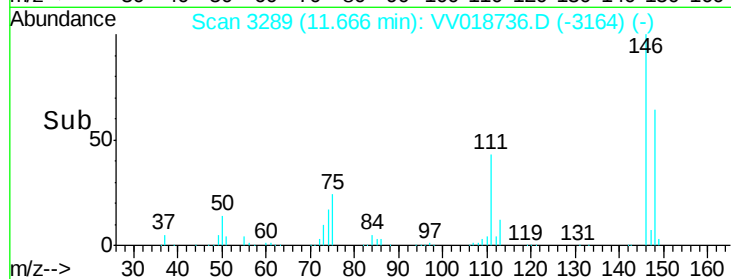
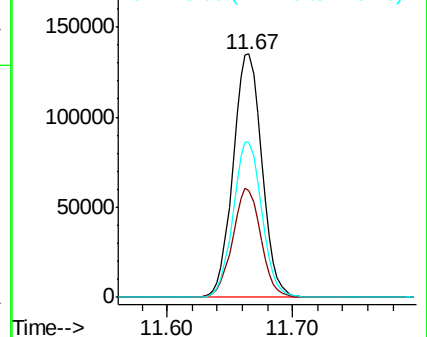
148 63.9 51.9 77.9



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: 44.128 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

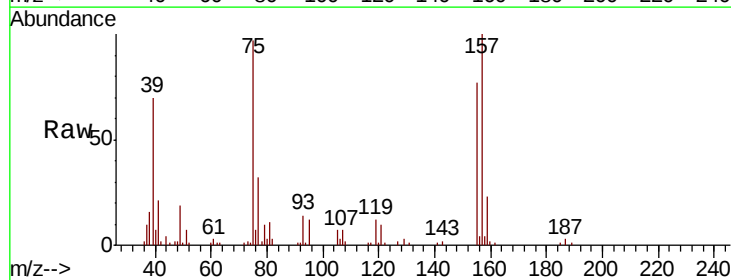
Tgt Ion: 75 Resp: 29337

Ion Ratio Lower Upper

75 100

155 79.3 73.0 109.6

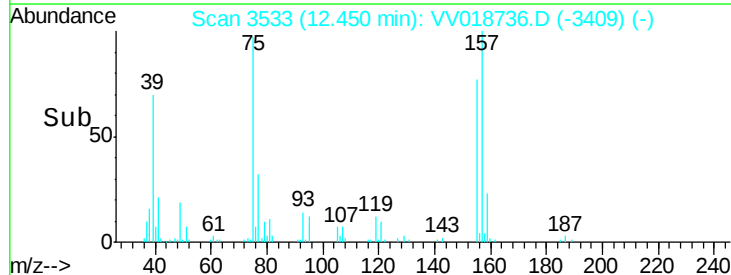
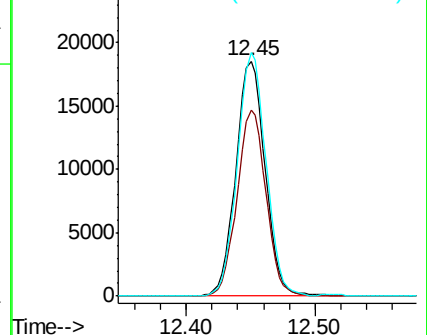
157 103.5 95.8 143.6

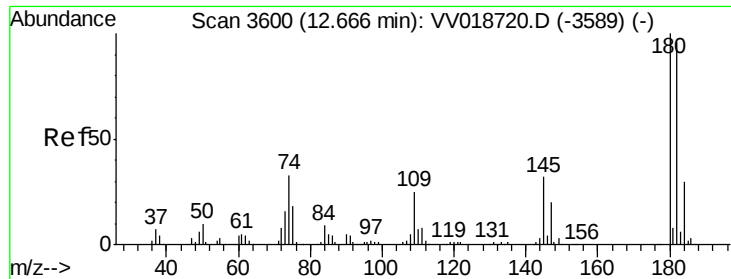


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

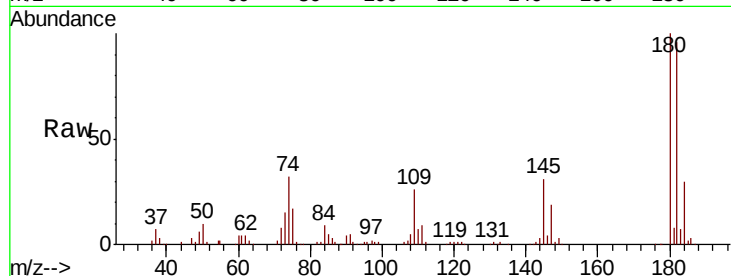




#67
 1,3,5-Trichlorobenzene
 Concen: 40.064 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.1	115.7
184	30.1	24.3	36.5
145	31.4	22.9	34.3

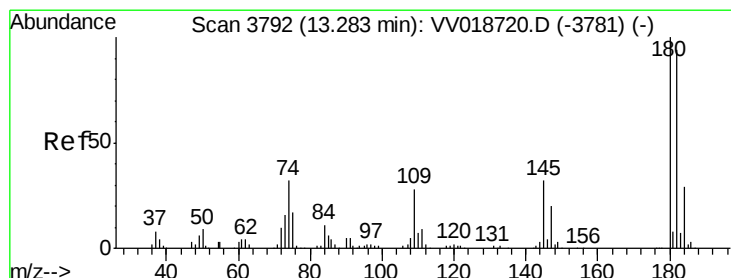
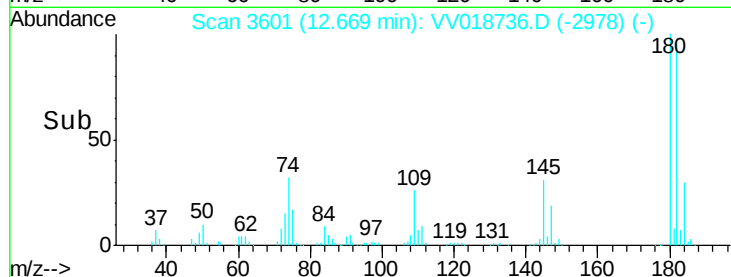
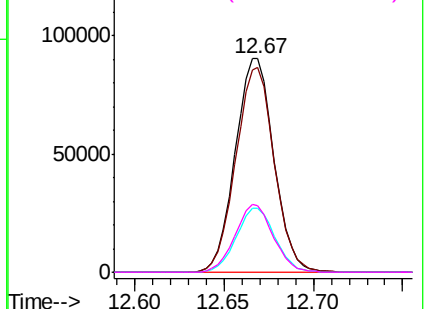


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

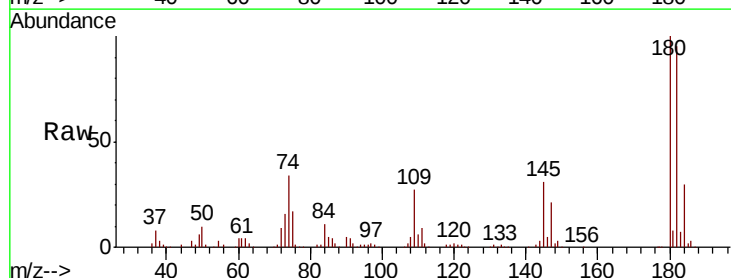
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 39.495 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018736.D
 Acq: 07 Oct 2020 18:05

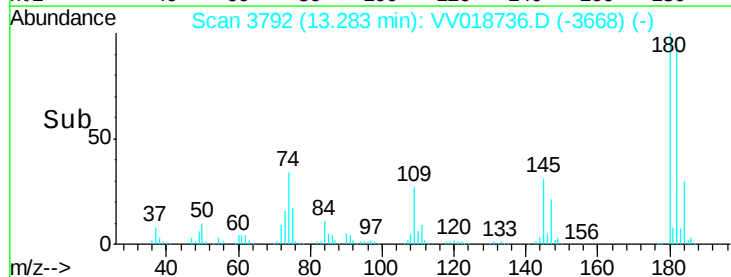
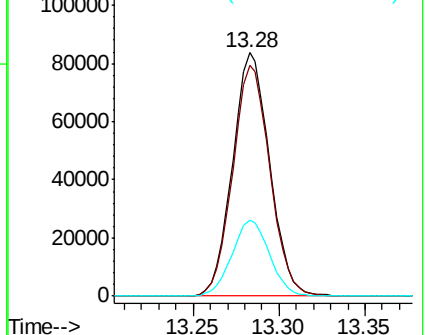
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
145	31.5	23.6	35.4

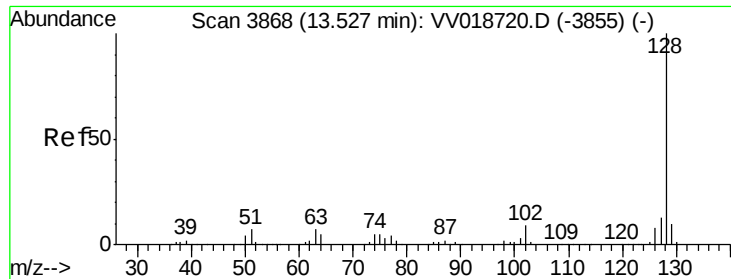


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 43.810 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

Instrument :

MSVOA_V

ClientSampleId :

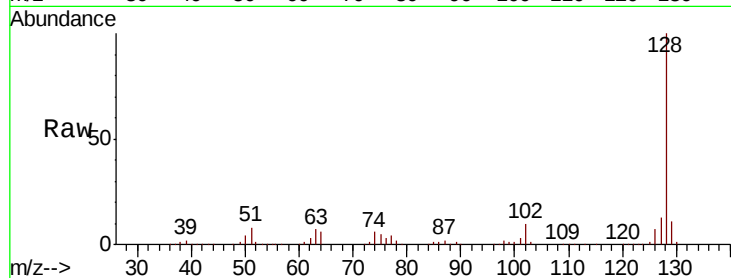
Tot Ion:128 Resp: 397928

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

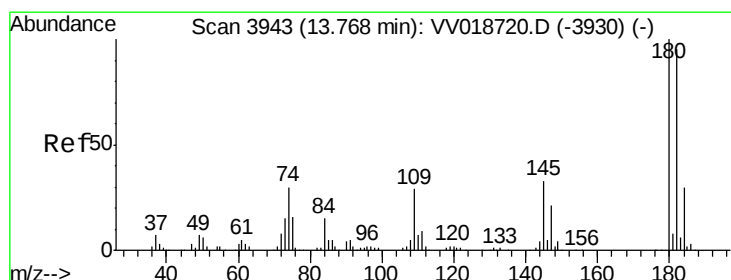
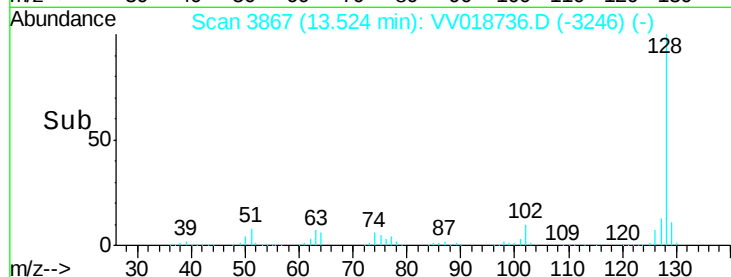
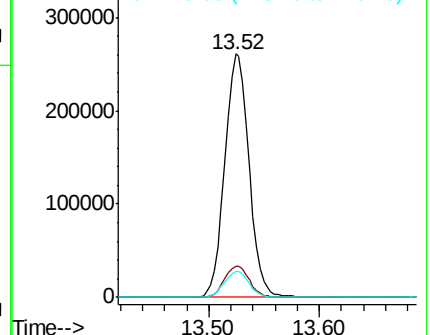
129 10.9 8.6 12.8



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: 40.594 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV018736.D

Acq: 07 Oct 2020 18:05

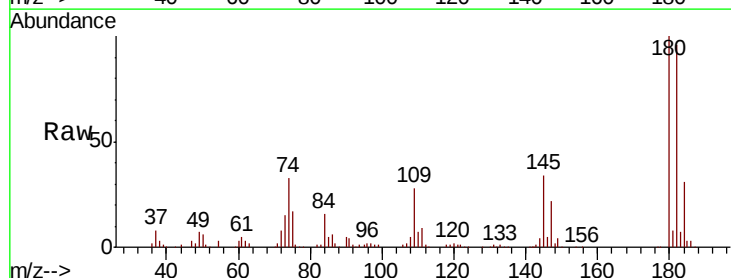
Tgt Ion:180 Resp: 129305

Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

145 34.2 25.1 37.7



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

