

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023772.D
 Acq On : 02 Dec 2021 12:45
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 01:59:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	257821	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	249720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	138508	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74927	24.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
7) Chloroethane-d5	1.564	69	63770	25.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.440%
11) 1,1-Dichloroethene-d2	2.101	63	113536	18.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	3.902	46	31085	35.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.920%
24) Chloroform-d	4.339	84	156372	23.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.027	65	86888	23.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.920%
32) Benzene-d6	5.043	84	305989	24.335	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	6.063	67	89328	24.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.310	98	284708	23.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.619	79	38679	23.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	8.088	63	29534	44.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.640%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	70730	22.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	113662	23.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5015	1.009	ug/L	96
3) Chloromethane	1.240	50	4967	1.124	ug/L	98
5) Vinyl chloride	1.307	62	4573	1.082	ug/L #	70
6) Bromomethane	1.519	94	3302	1.157	ug/L	99
9) Trichlorofluoromethane	1.748	101	6700	0.995	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4322	1.239	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4121	1.265	ug/L #	1
13) Acetone	2.182	43	3149	3.077	ug/L #	58
14) Carbon disulfide	2.291	76	11728	1.000	ug/L	98
15) Methyl Acetate	2.432	43	1383	0.943	ug/L #	82
16) Methylene chloride	2.503	84	13743	2.761	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	3903	0.997	ug/L	80
18) Methyl tert-butyl Ether	2.764	73	7396	0.838	ug/L #	92
19) 1,1-Dichloroethane	3.185	63	5965	0.932	ug/L	95
20) cis-1,2-Dichloroethene	3.911	96	4128	1.032	ug/L	86
27) 1,2-Dichloroethane	5.133	62	4689	1.022	ug/L	95
29) Cyclohexane	4.667	56	5355	0.974	ug/L #	84
30) 1,1,1-Trichloroethane	4.600	97	3458	0.549	ug/L #	58
31) Carbon tetrachloride	4.825	117	5852	1.026	ug/L	95

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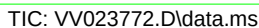
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

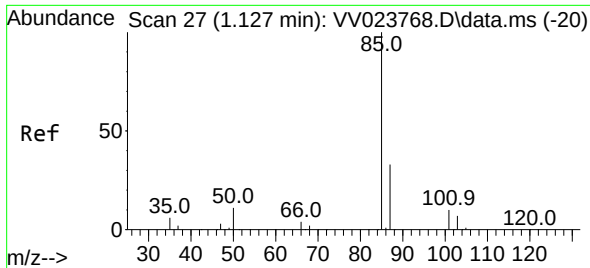
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.098	78	14028	0.960	ug/L	100
34) Trichloroethene	5.915	95	4044	1.008	ug/L	97
35) Methylcyclohexane	6.127	83	6633	1.053	ug/L	96
37) 1,2-Dichloropropane	6.175	63	3452	1.018	ug/L #	95
38) Bromodichloromethane	6.509	83	4513	0.913	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	4992	0.925	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	4608	2.211	ug/L	92
42) Toluene	7.390	91	19230	1.203	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	4101	0.828	ug/L	87
45) 1,1,2-Trichloroethane	7.841	97	2644	0.895	ug/L	88
46) Tetrachloroethene	7.976	164	3476	0.974	ug/L	97
49) Dibromochloromethane	8.249	129	3287	0.863	ug/L	93
50) 1,2-Dibromoethane	8.358	107	2773	0.959	ug/L #	89
51) Chlorobenzene	8.882	112	10047	0.918	ug/L	93
52) Ethylbenzene	9.014	91	15443	0.896	ug/L	100
53) m,p-Xylene	9.140	106	6142	0.901	ug/L	90
54) o-Xylene	9.545	106	5261	0.810	ug/L	95
55) Styrene	9.567	104	8363	0.745	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	3026	0.914	ug/L #	95
59) Bromoform	9.728	173	1931	0.851	ug/L #	100
60) Isopropylbenzene	9.931	105	14861	0.879	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	2307	0.945	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	13280	0.901	ug/L	96
63) 1,2,4-Trimethylbenzene	10.914	105	12620	0.864	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	8509	0.948	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	8941	0.975	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	7676	0.933	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.255	75	1189	2.006	ug/L #	12
69) 1,3,5-Trichlorobenzene	12.644	180	7205	1.017	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	5808	1.008	ug/L	98
71) Naphthalene	13.506	128	9709	0.949	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	5128	0.986	ug/L	94

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

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ClientSampleId :

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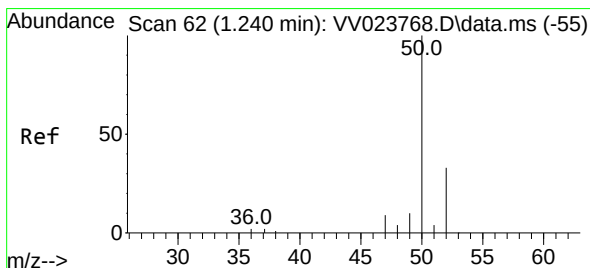
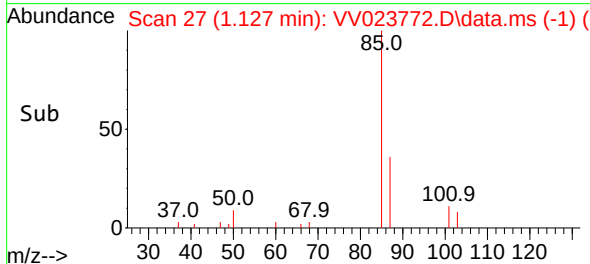
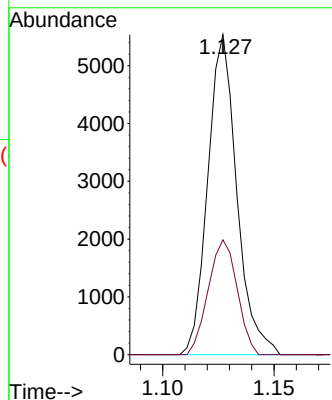
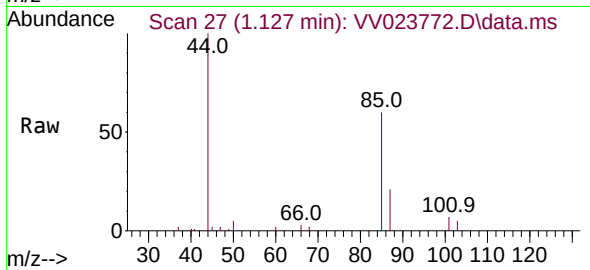




#2
 Dichlorodifluoromethane
 Concen: 1.009 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

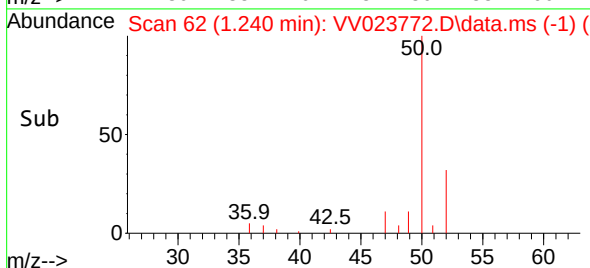
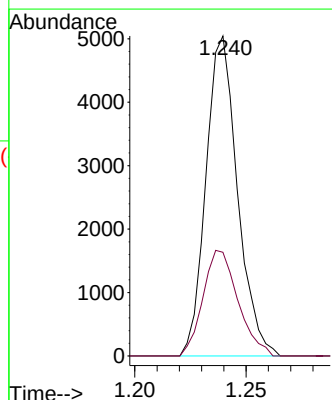
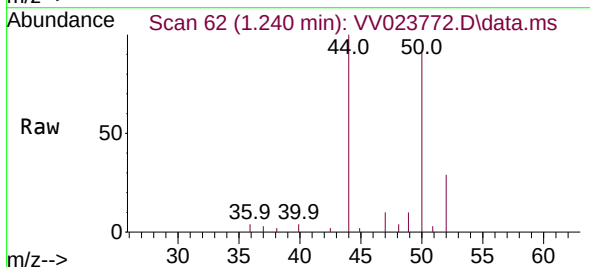
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 ClientSampleId :

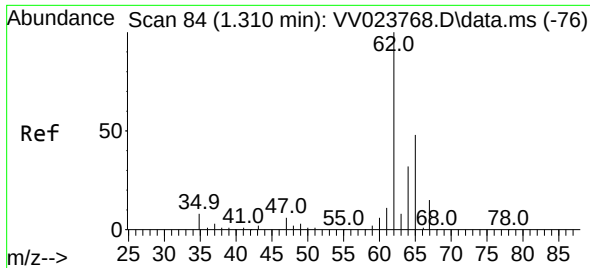
Tgt Ion: 85 Resp: 5015
 Ion Ratio Lower Upper
 85 100
 87 35.6 26.6 40.0



#3
 Chloromethane
 Concen: 1.124 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion: 50 Resp: 4967
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

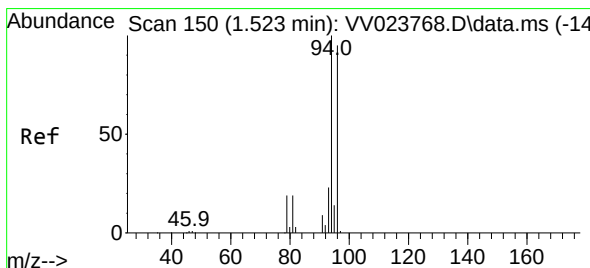
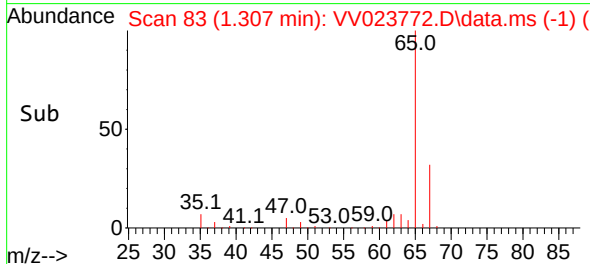
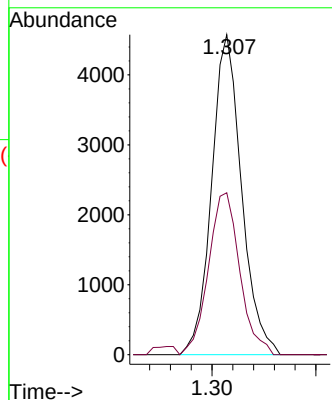
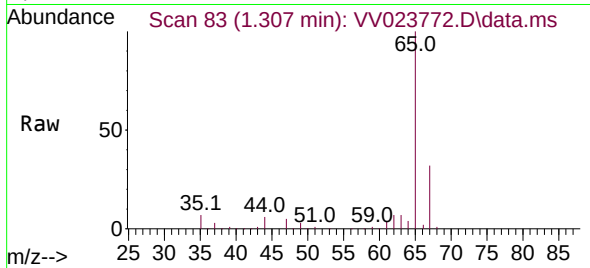




#5
 Vinyl chloride
 Concen: 1.082 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

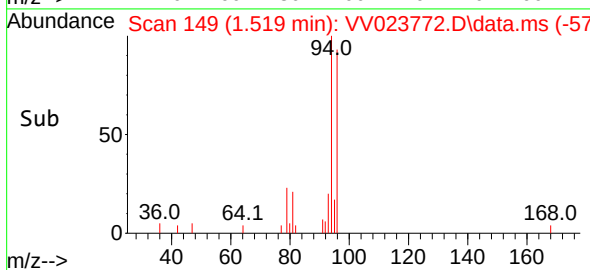
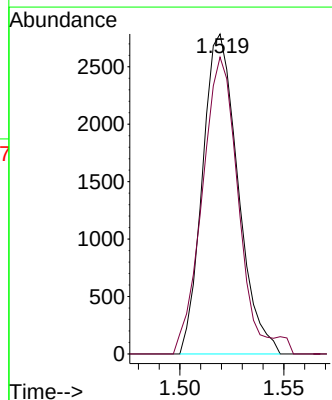
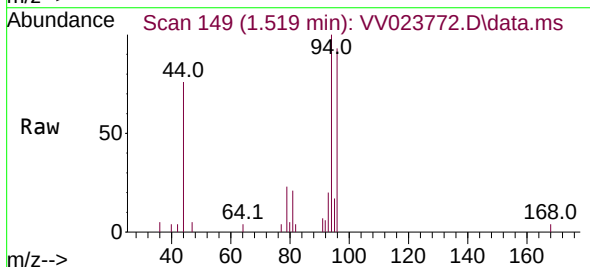
Instrument :
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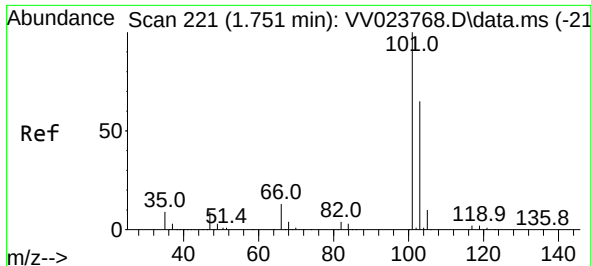
Tgt Ion: 62 Resp: 4573
 Ion Ratio Lower Upper
 62 100
 64 50.6 23.5 43.7#



#6
 Bromomethane
 Concen: 1.157 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion: 94 Resp: 3302
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.1 119.1

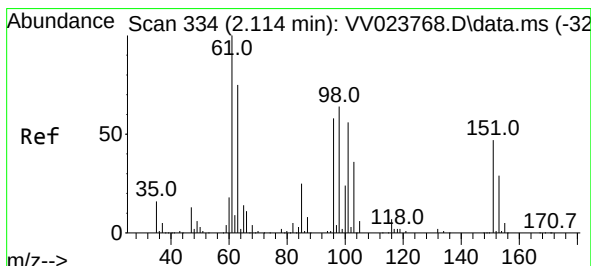
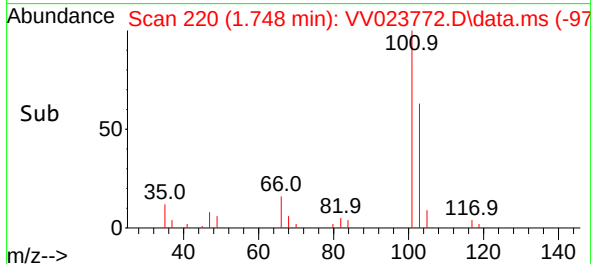
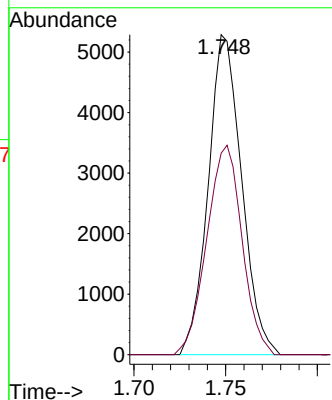
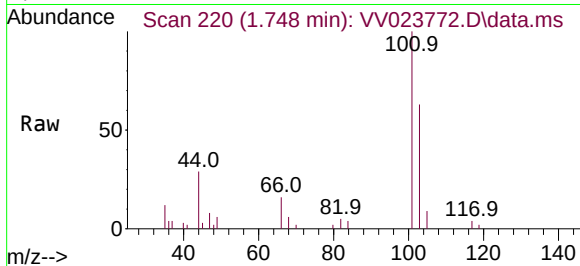




#9
 Trichlorofluoromethane
 Concen: 0.995 ug/L
 RT: 1.748 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

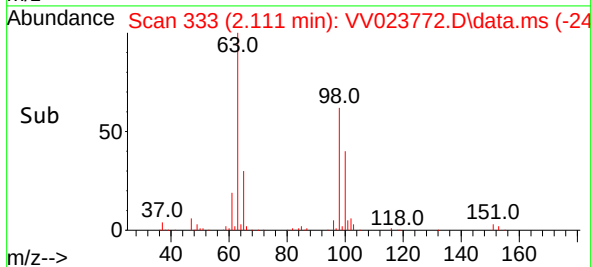
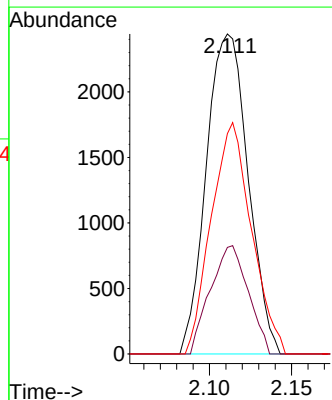
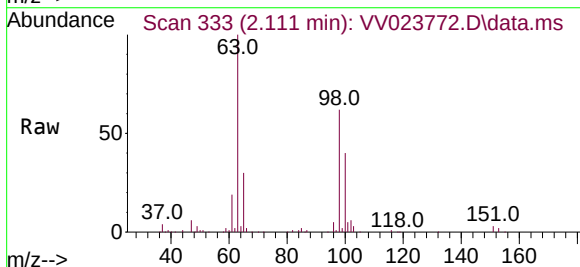
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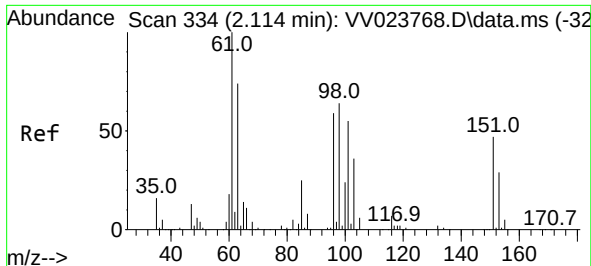
Tgt Ion:101 Resp: 6700
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.239 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion:101 Resp: 4322
 Ion Ratio Lower Upper
 101 100
 85 30.6 35.1 52.7#
 151 69.6 65.6 98.4





#12

1,1-Dichloroethene

Concen: 1.265 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

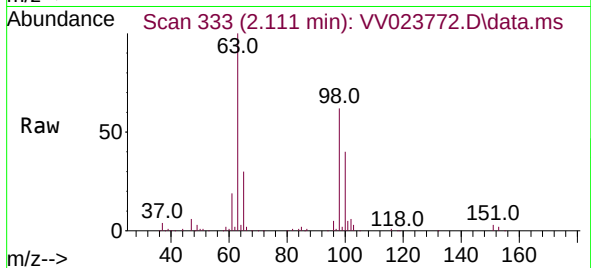
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Instrument :

MSVOA_V

ClientSampleId :



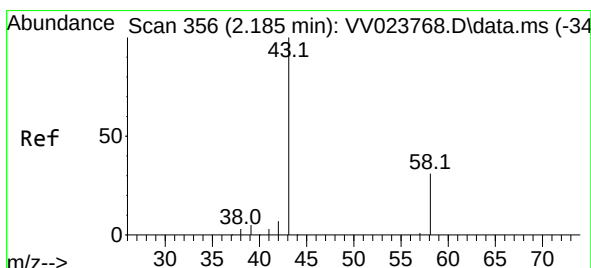
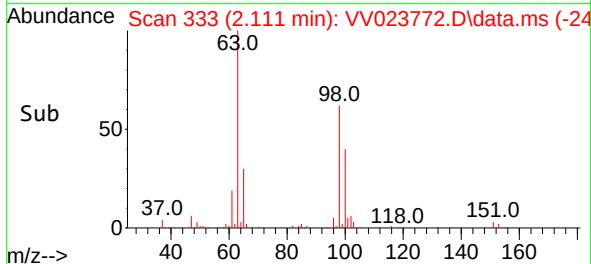
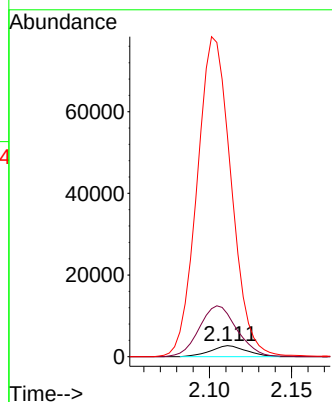
Tgt Ion: 96 Resp: 4121

Ion Ratio Lower Upper

96 100

61 386.0 119.4 221.8#

63 1994.1 95.4 177.2#



#13

Acetone

Concen: 3.077 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.003 min

Lab File: VV023772.D

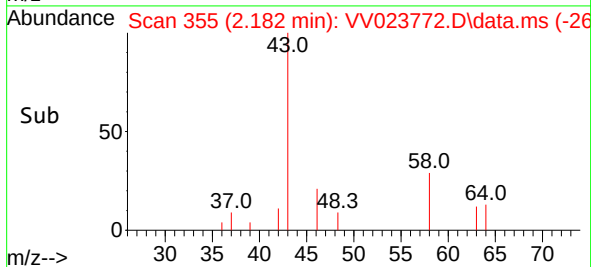
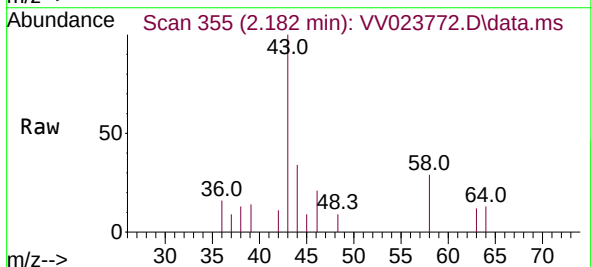
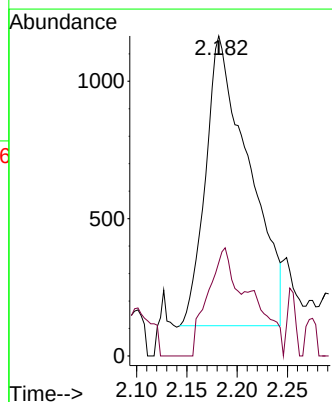
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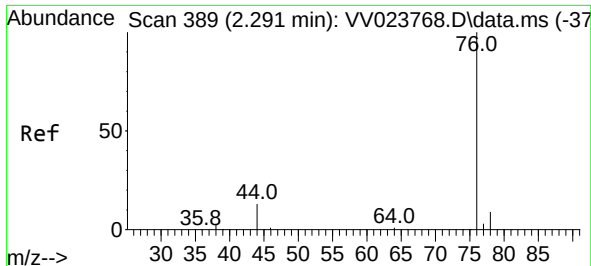
Tgt Ion: 43 Resp: 3149

Ion Ratio Lower Upper

43 100

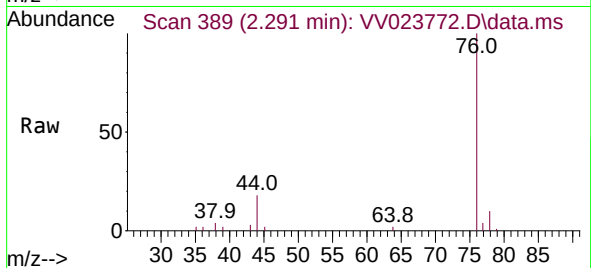
58 24.0 0.0 17.8#



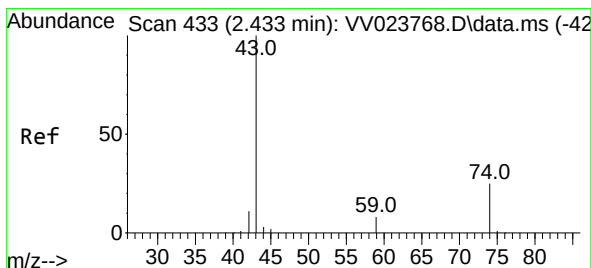
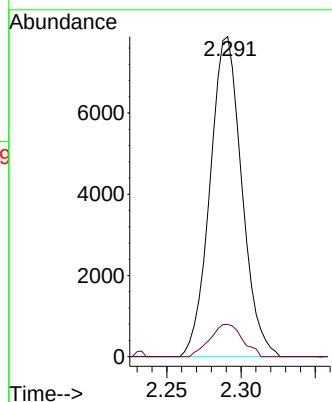
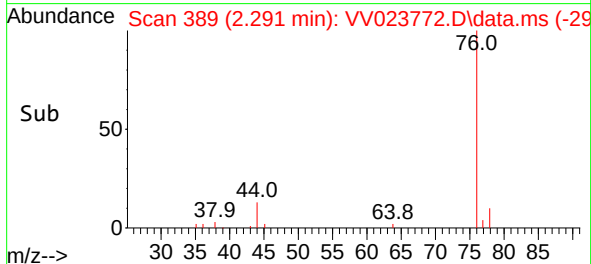


#14
Carbon disulfide
Concen: 1.000 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV023772.D
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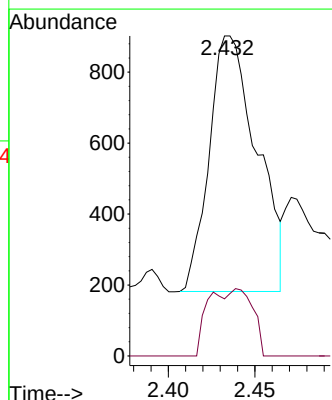
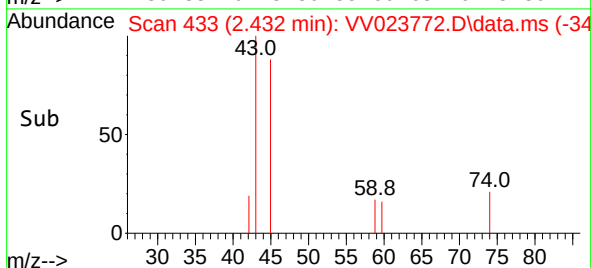
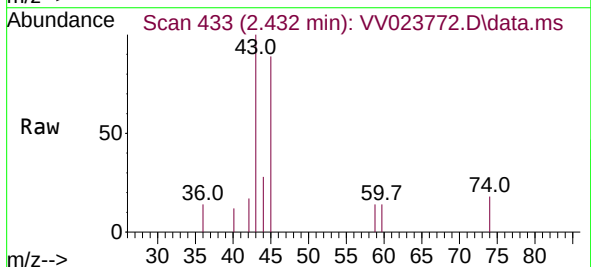


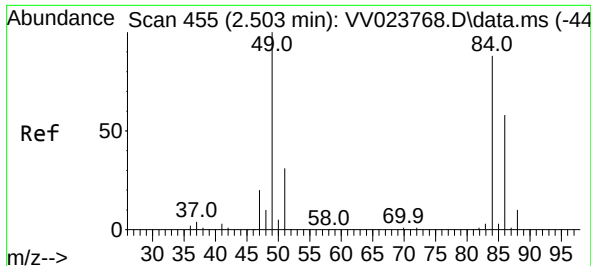
Tgt Ion: 76 Resp: 11728
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#15
Methyl Acetate
Concen: 0.943 ug/L
RT: 2.432 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
74 13.5 17.6 26.4#

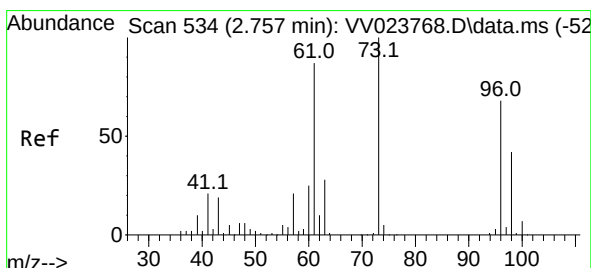
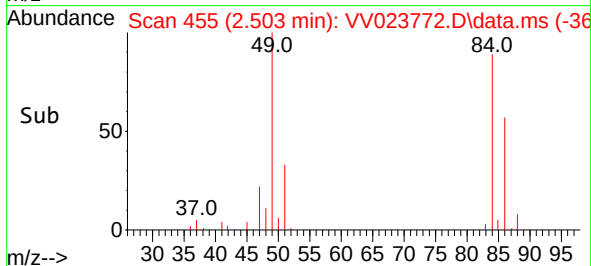
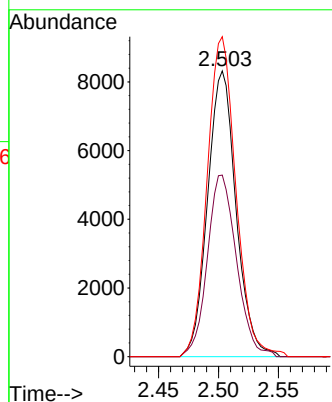
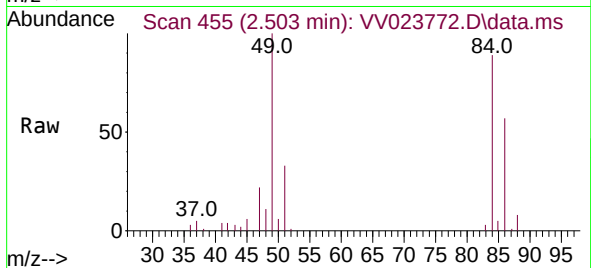




#16
Methylene chloride
Concen: 2.761 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

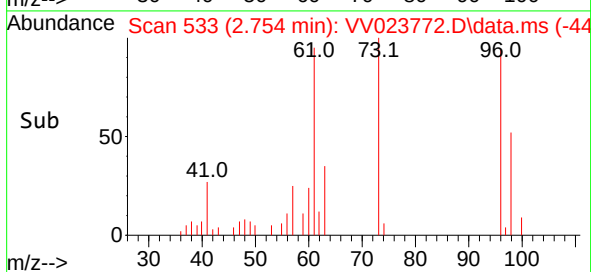
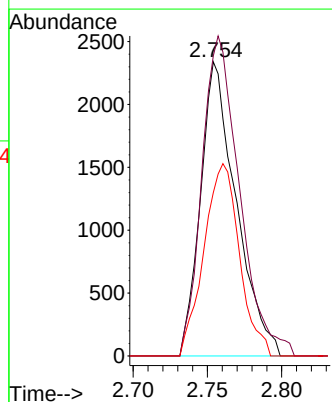
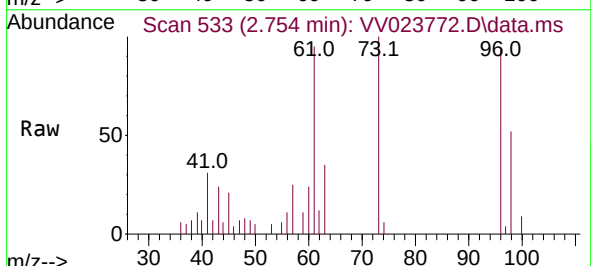
Instrument :
MSVOA_V
ClientSampleId :

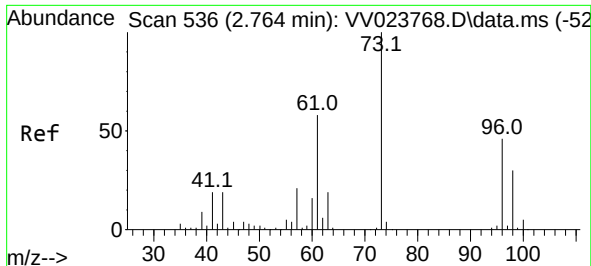
Tgt Ion: 84 Resp: 13743
Ion Ratio Lower Upper
84 100
86 63.6 45.3 84.1
49 112.0 81.8 152.0



#17
trans-1,2-Dichloroethene
Concen: 0.997 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 96 Resp: 3903
Ion Ratio Lower Upper
96 100
61 102.1 91.0 169.0
98 55.6 45.9 85.3

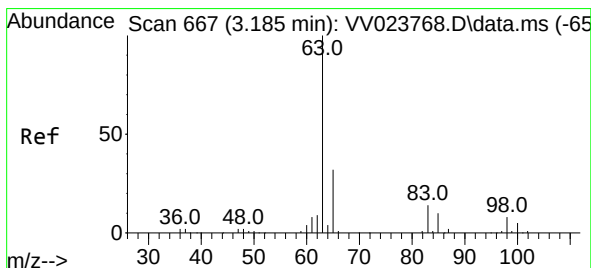
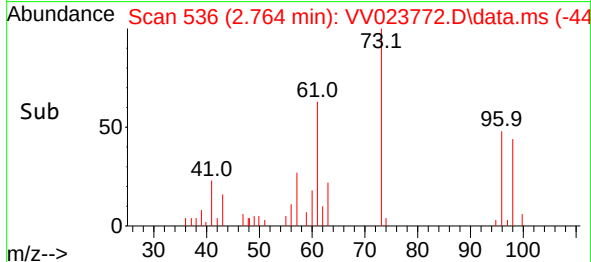
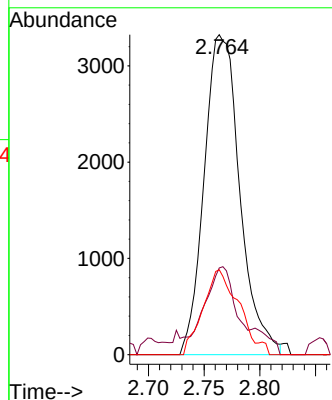
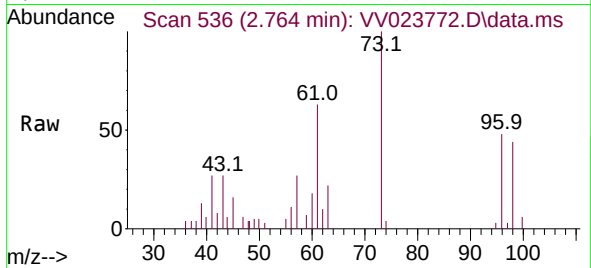




#18
Methyl tert-butyl Ether
Concen: 0.838 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

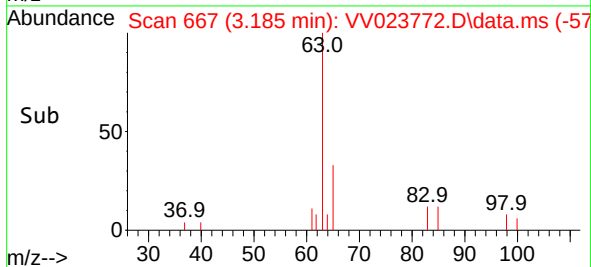
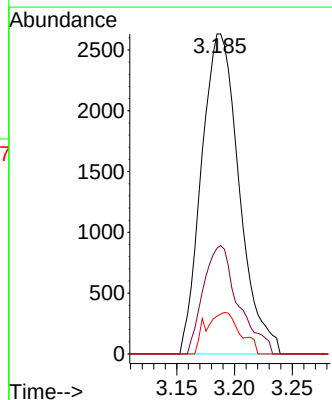
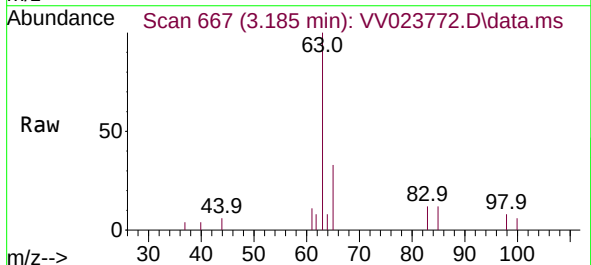
Instrument :
MSVOA_V
ClientSampleId :

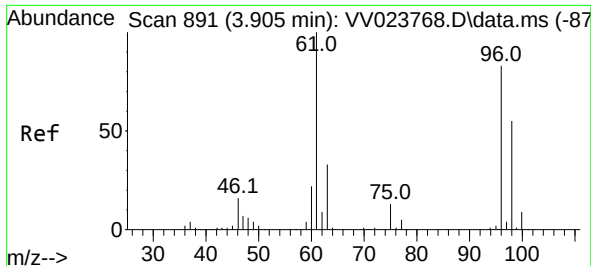
Tgt Ion: 73 Resp: 7396
Ion Ratio Lower Upper
73 100
43 15.8 15.0 22.4
57 25.8 17.0 25.4#



#19
1,1-Dichloroethane
Concen: 0.932 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 63 Resp: 5965
Ion Ratio Lower Upper
63 100
65 33.0 21.3 39.5
83 11.8 10.1 18.7

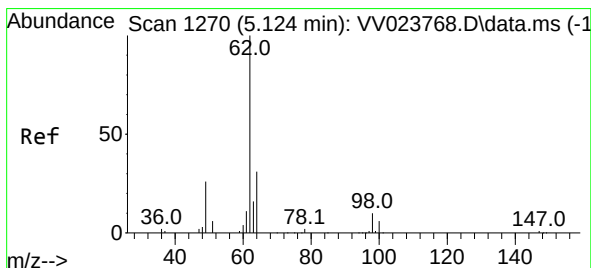
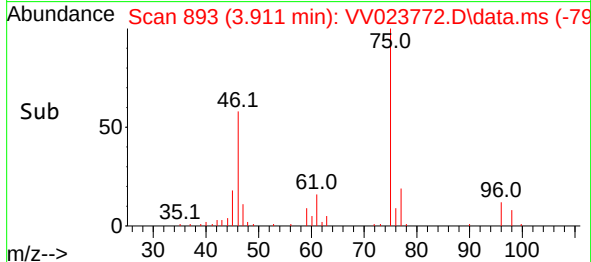
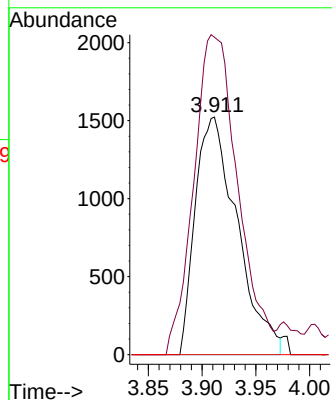
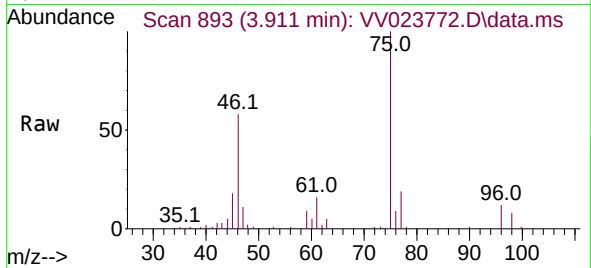




#20
 cis-1,2-Dichloroethene
 Concen: 1.032 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

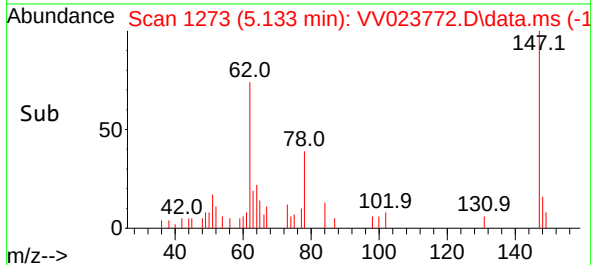
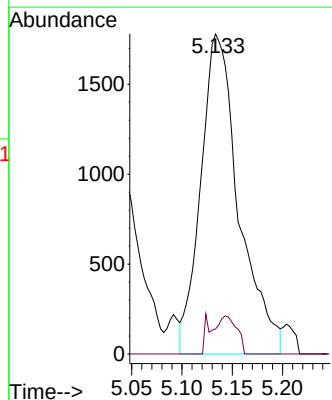
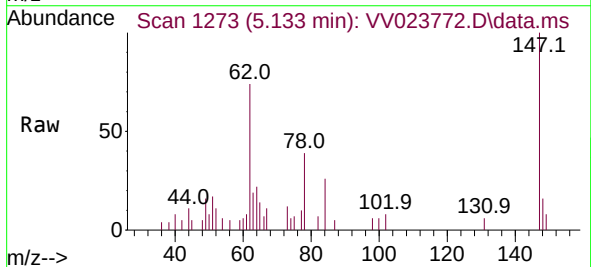
Instrument :
 MSVOA_V
 ClientSampleId :

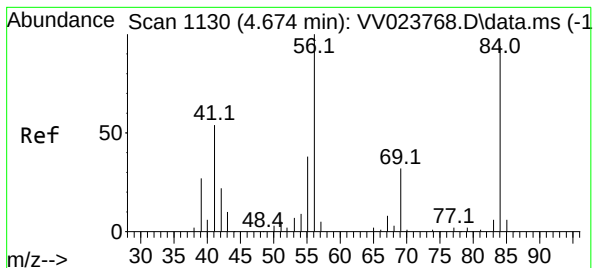
Tgt Ion: 96 Resp: 4128
 Ion Ratio Lower Upper
 96 100
 61 133.6 82.5 153.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 1.022 ug/L
 RT: 5.133 min Scan# 1273
 Delta R.T. 0.009 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion: 62 Resp: 4689
 Ion Ratio Lower Upper
 62 100
 98 7.8 7.8 11.6





#29

Cyclohexane

Concen: 0.974 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

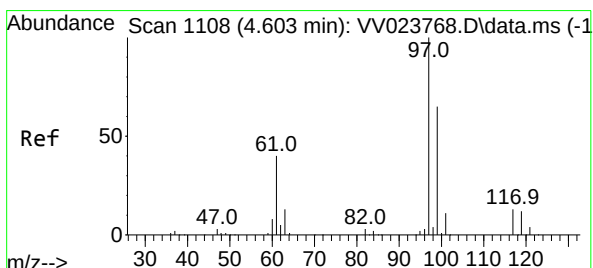
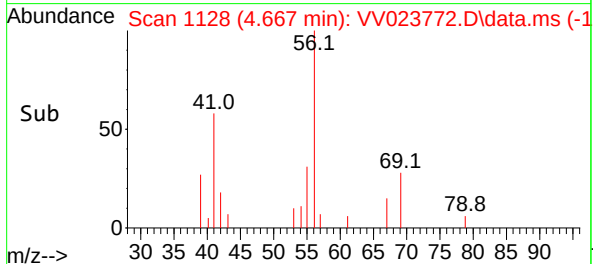
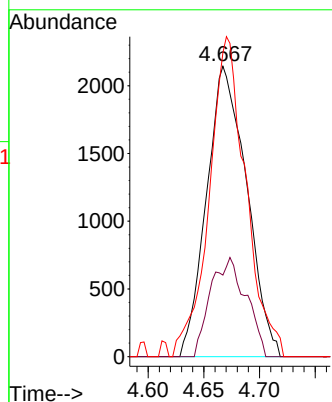
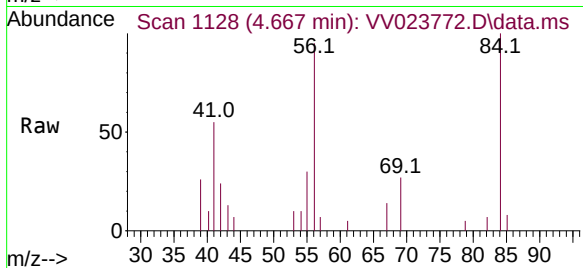
Tgt Ion: 56 Resp: 5355

Ion Ratio Lower Upper

56 100

69 5.0 25.2 37.8#

84 100.6 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 0.549 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

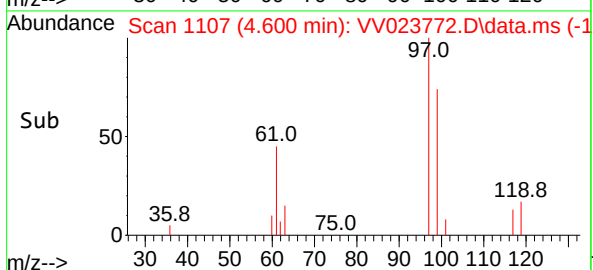
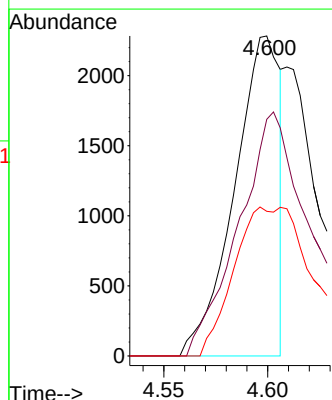
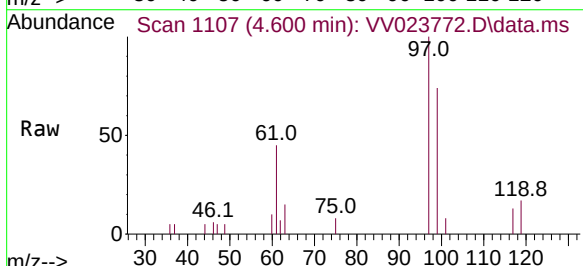
Tgt Ion: 97 Resp: 3458

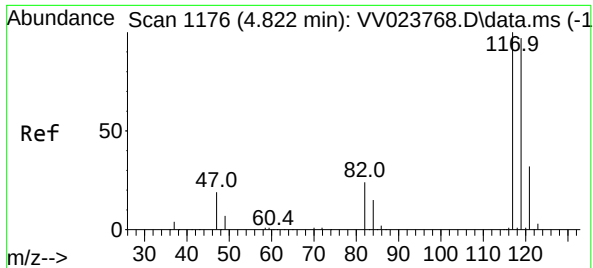
Ion Ratio Lower Upper

97 100

99 118.5 52.0 78.0#

61 41.9 33.3 49.9

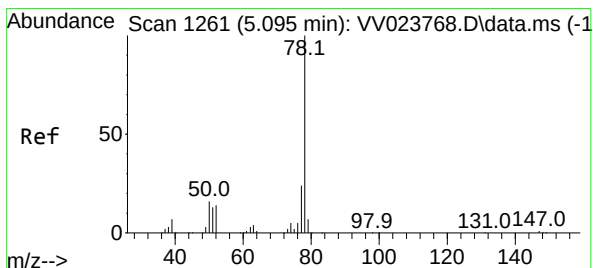
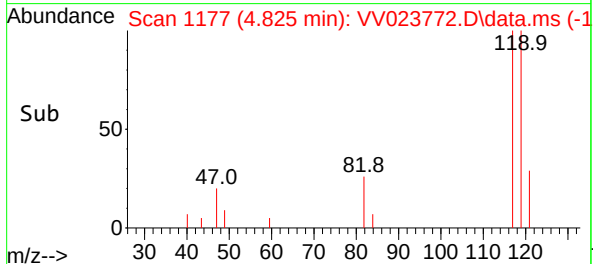
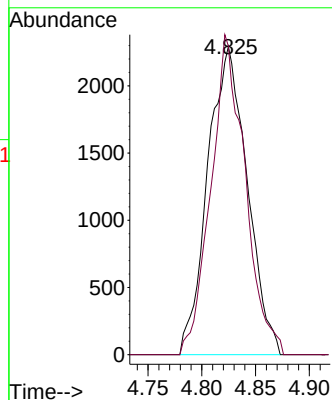
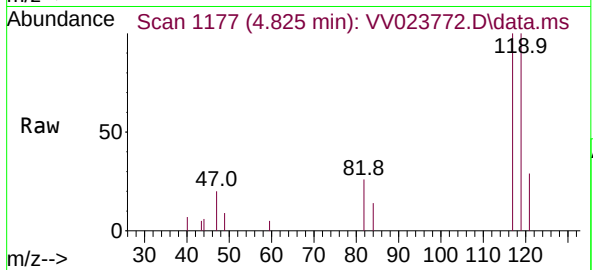




#31
Carbon tetrachloride
Concen: 1.026 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

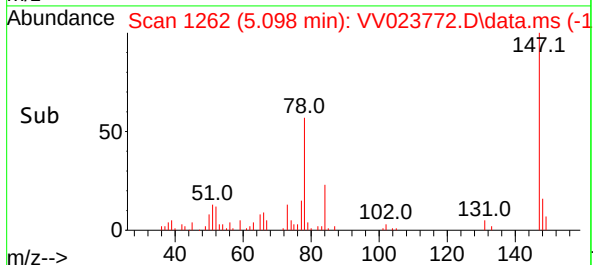
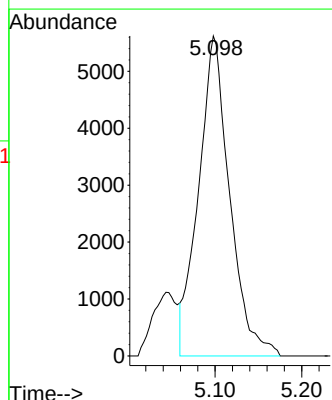
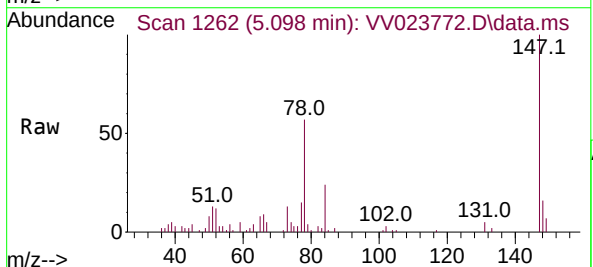
Instrument :
MSVOA_V
ClientSampleId :

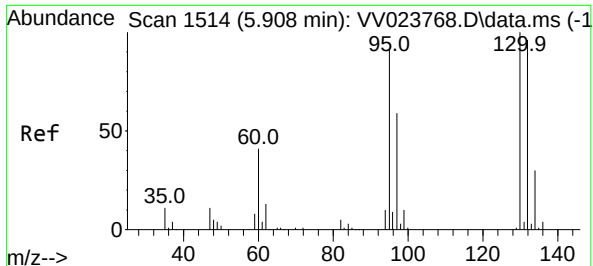
Tgt Ion:117 Resp: 5852
Ion Ratio Lower Upper
117 100
119 90.0 76.0 114.0



#33
Benzene
Concen: 0.960 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 78 Resp: 14028





#34

Trichloroethene

Concen: 1.008 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4044

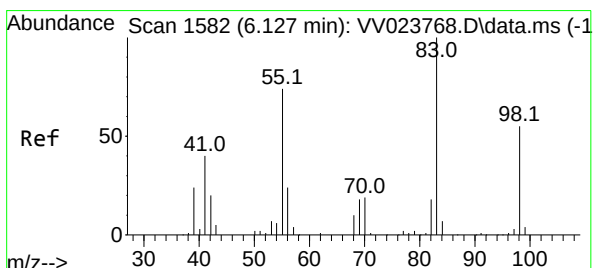
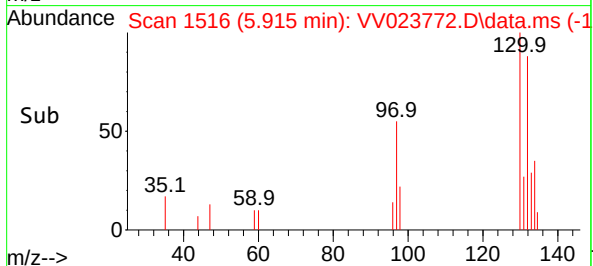
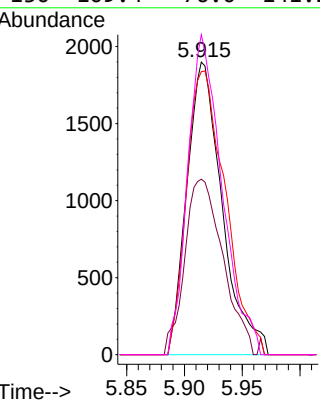
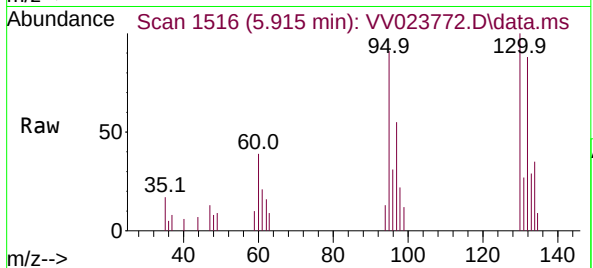
Ion Ratio Lower Upper

95 100

97 60.0 44.5 82.7

132 96.7 71.7 133.1

130 109.4 76.0 141.2



#35

Methylcyclohexane

Concen: 1.053 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

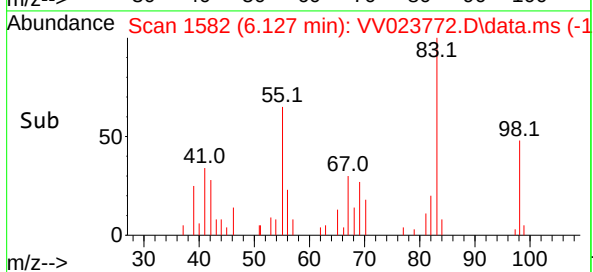
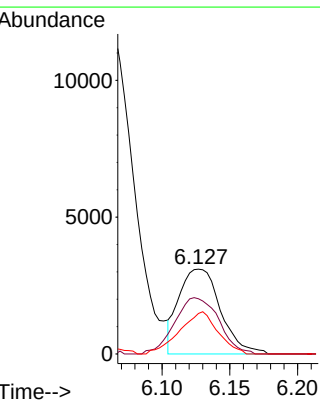
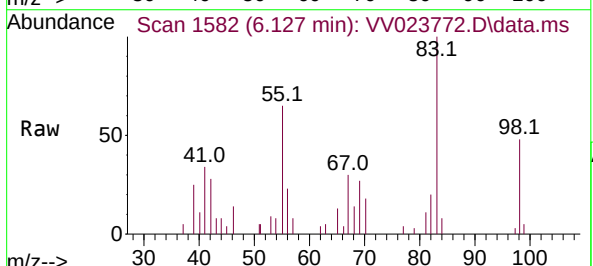
Tgt Ion: 83 Resp: 6633

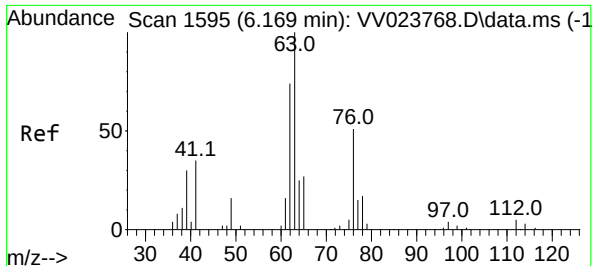
Ion Ratio Lower Upper

83 100

55 70.3 57.4 86.2

98 45.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 1.018 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

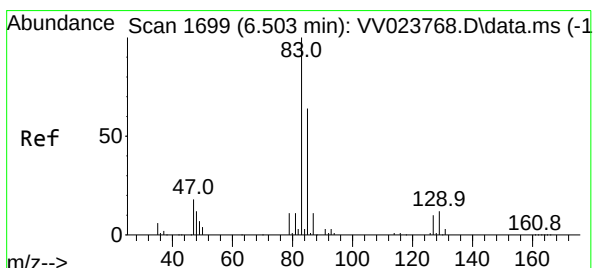
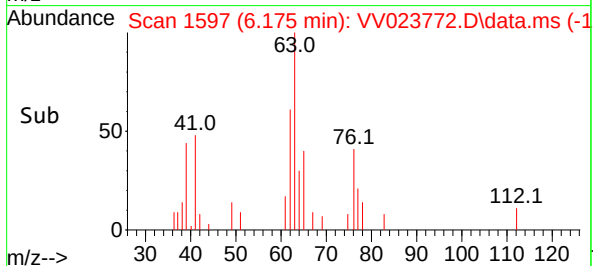
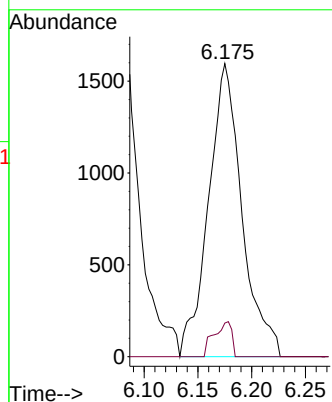
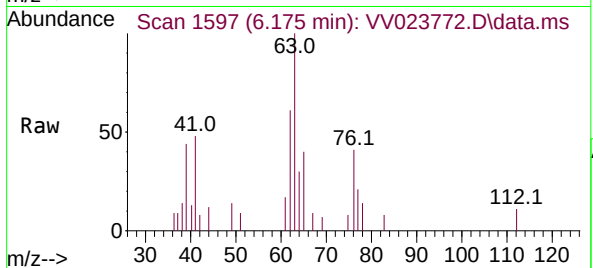
ClientSampleId :

Tgt Ion: 63 Resp: 3452

Ion Ratio Lower Upper

63 100

112 3.7 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.913 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

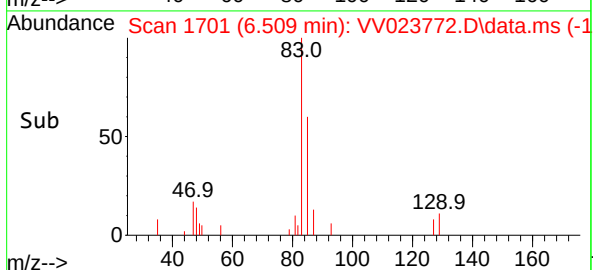
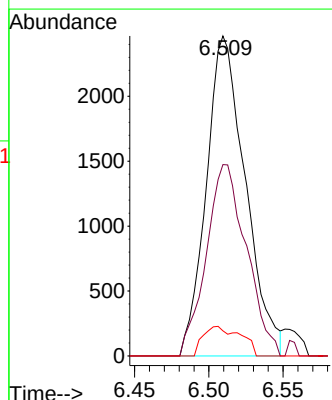
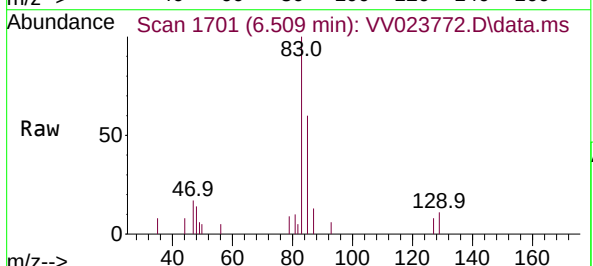
Tgt Ion: 83 Resp: 4513

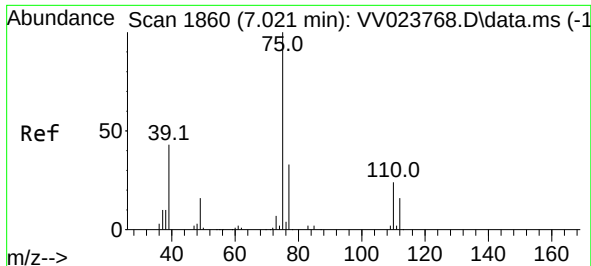
Ion Ratio Lower Upper

83 100

85 59.8 45.4 84.2

127 7.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

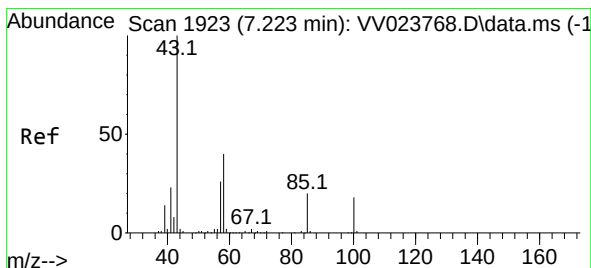
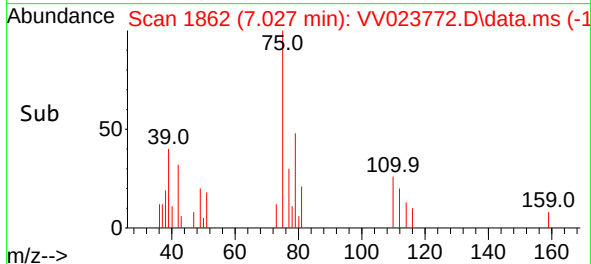
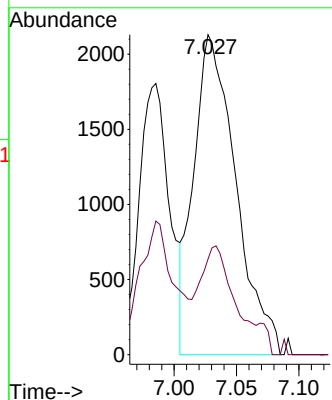
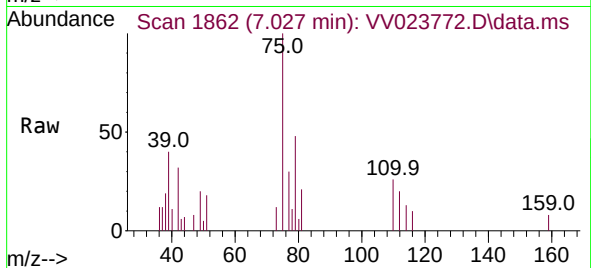
ClientSampleId :

Tgt Ion: 75 Resp: 4992

Ion Ratio Lower Upper

75 100

77 29.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.211 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.009 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

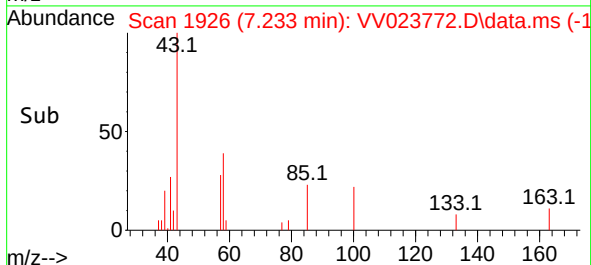
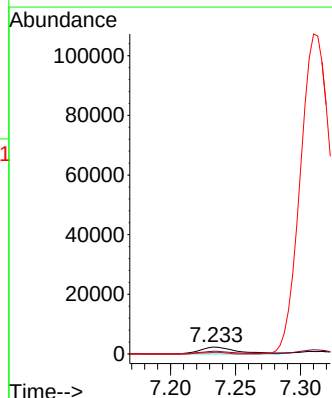
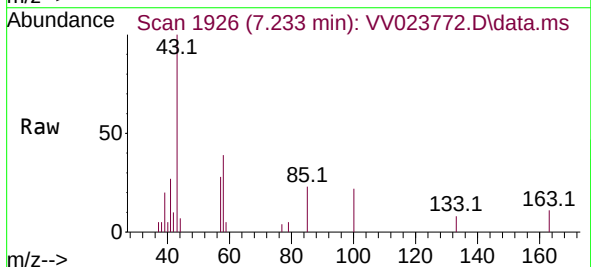
Tgt Ion: 43 Resp: 4608

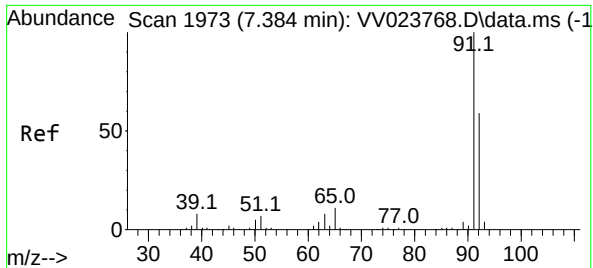
Ion Ratio Lower Upper

43 100

58 34.2 31.6 47.4

100 15.1 13.8 20.6





#42

Toluene

Concen: 1.203 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

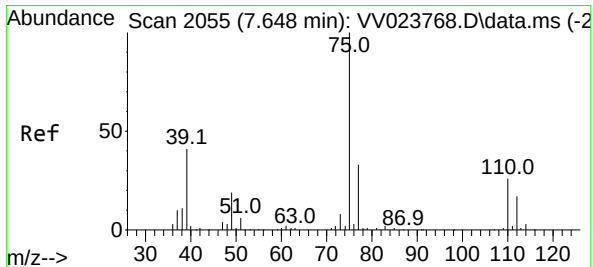
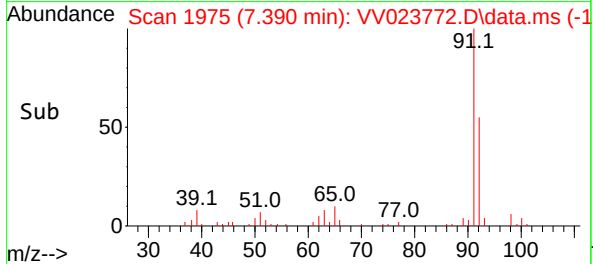
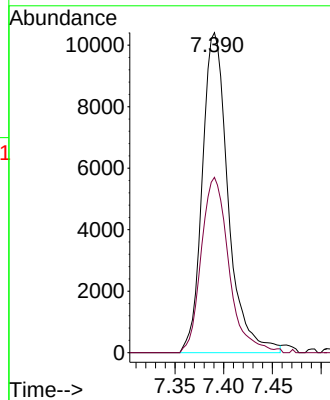
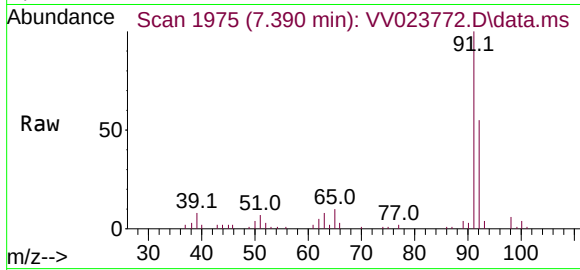
ClientSampleId :

Tgt Ion: 91 Resp: 19230

Ion Ratio Lower Upper

91 100

92 54.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.828 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV023772.D

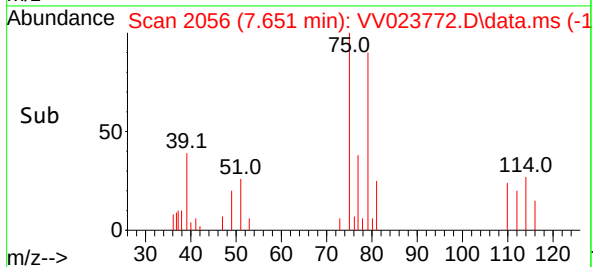
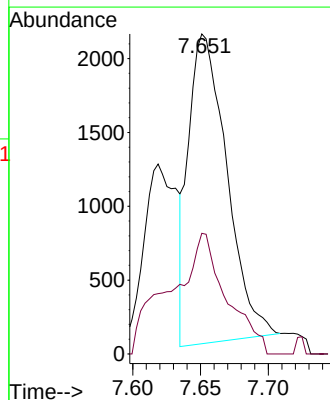
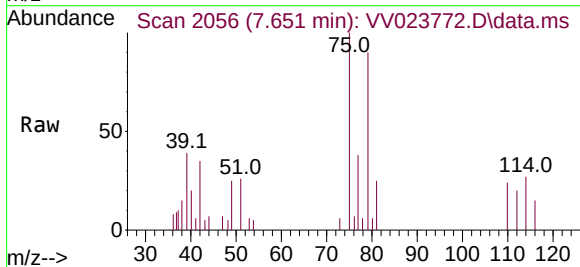
Acq: 02 Dec 2021 12:45

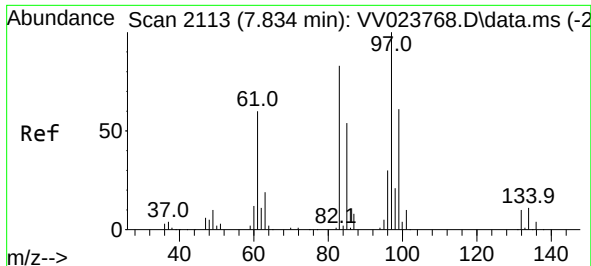
Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

77 37.7 21.5 39.9

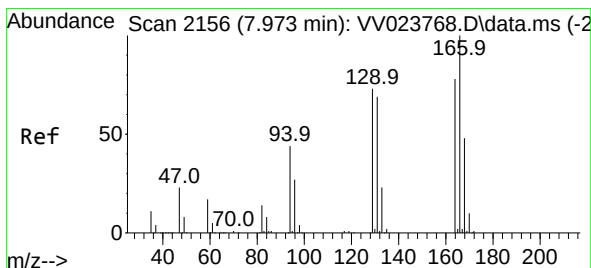
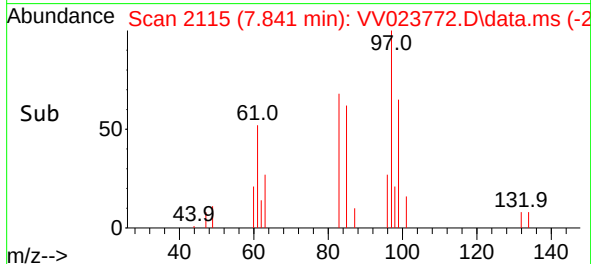
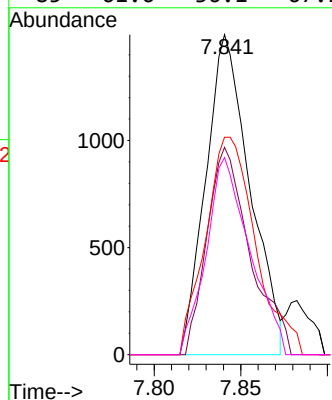
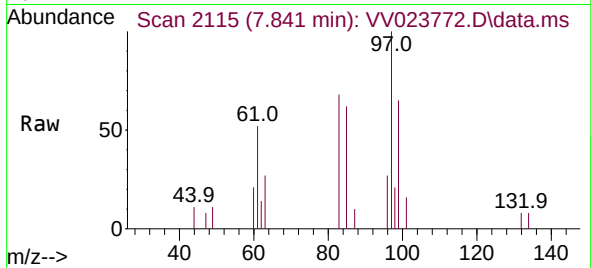




#45
1,1,2-Trichloroethane
Concen: 0.895 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

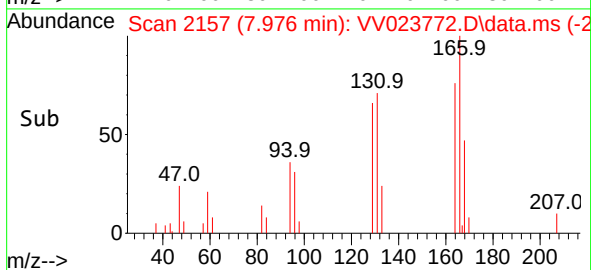
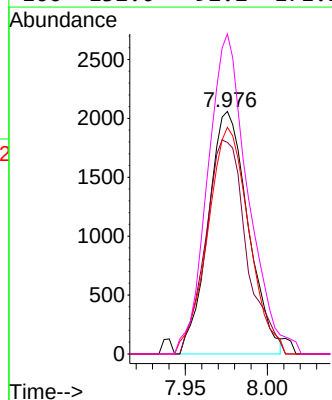
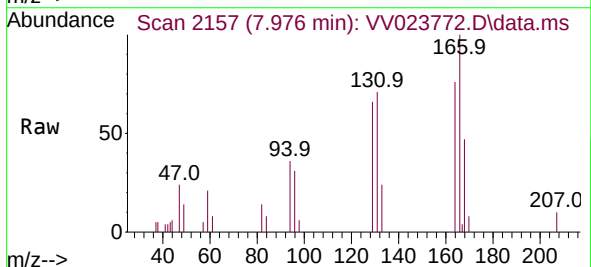
Instrument :
MSVOA_V
ClientSampleId :

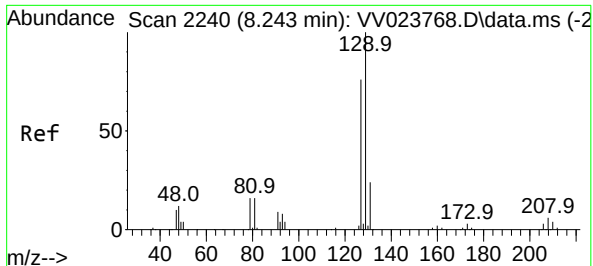
Tgt Ion: 97	Resp: 2644
Ion Ratio	Lower Upper
97 100	
99 64.8	41.8 77.6
83 67.9	55.8 103.6
85 61.6	36.1 67.1



#46
Tetrachloroethene
Concen: 0.974 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion:164	Resp: 3476
Ion Ratio	Lower Upper
164 100	
129 87.2	63.3 117.5
131 93.5	61.8 114.8
166 132.0	92.2 171.2





#49

Dibromochloromethane

Concen: 0.863 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

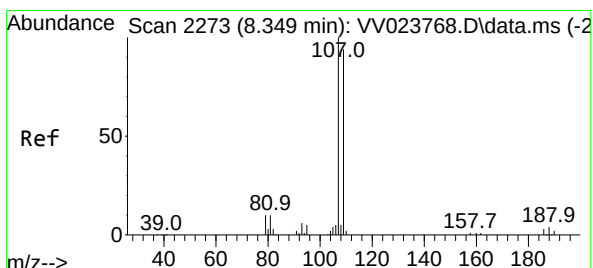
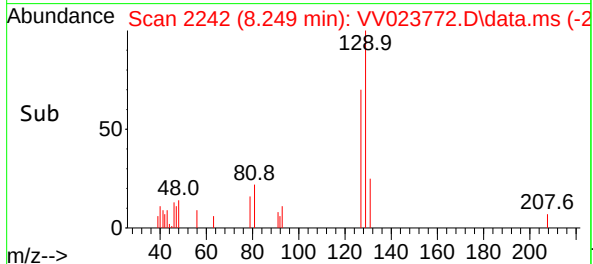
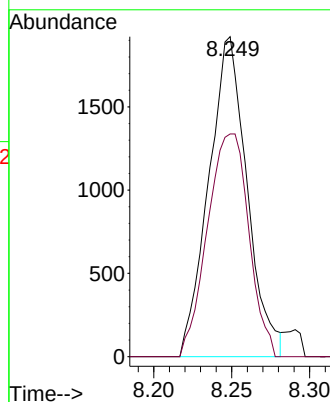
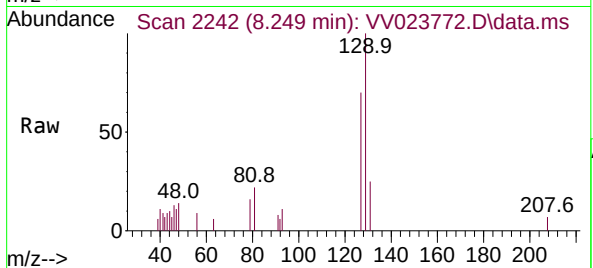
ClientSampleId :

Tgt Ion:129 Resp: 3287

Ion Ratio Lower Upper

129 100

127 69.6 53.1 98.7



#50

1,2-Dibromoethane

Concen: 0.959 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.009 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

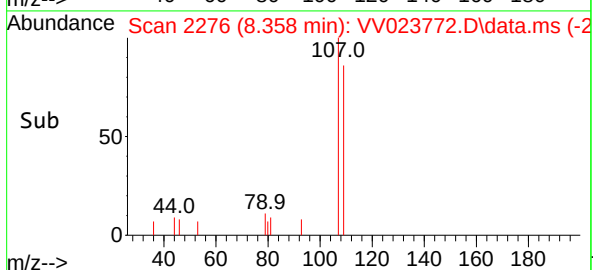
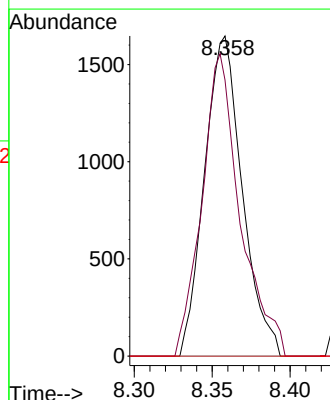
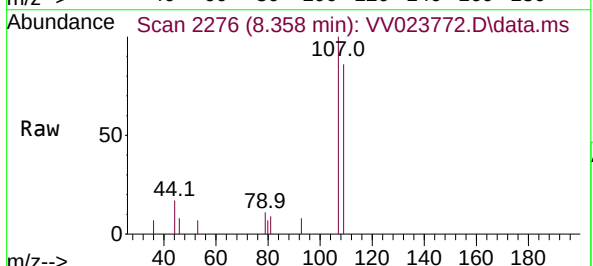
Tgt Ion:107 Resp: 2773

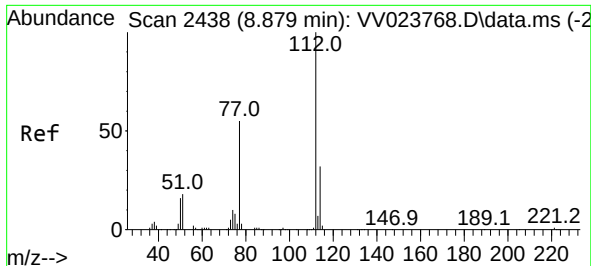
Ion Ratio Lower Upper

107 100

109 86.3 67.8 125.8

188 0.0 3.6 5.4#

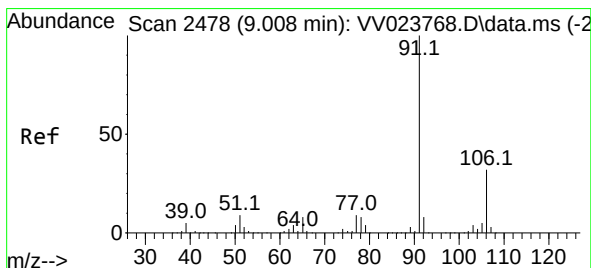
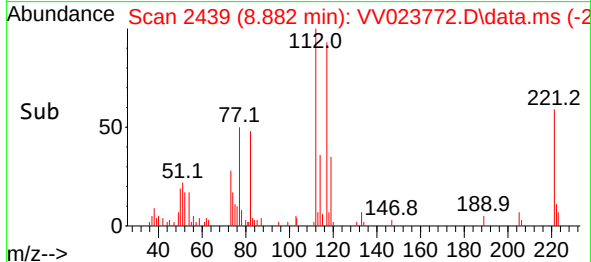
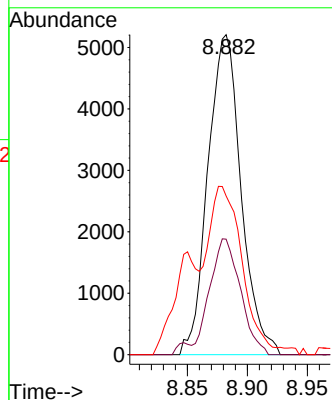
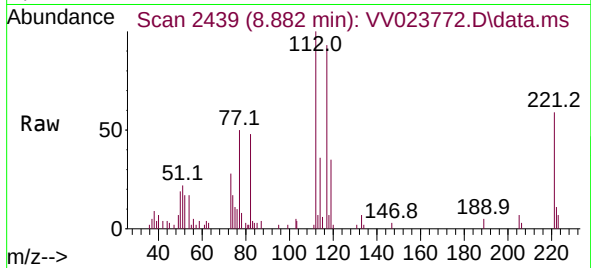




#51
Chlorobenzene
Concen: 0.918 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

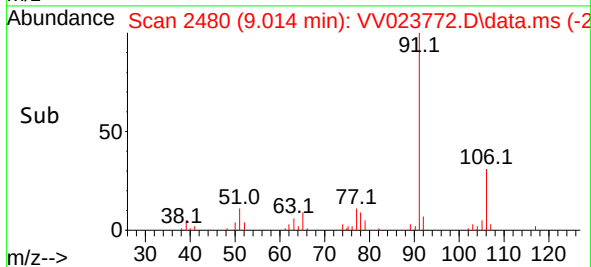
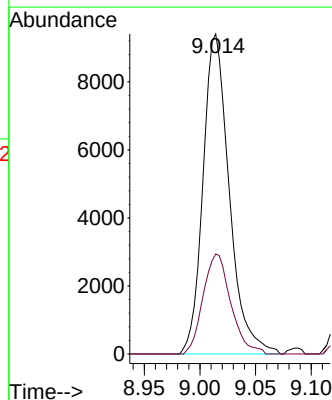
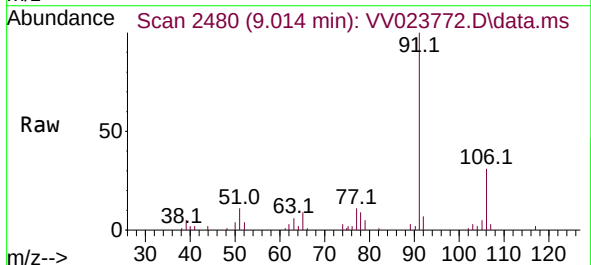
Instrument :
MSVOA_V
ClientSampleId :

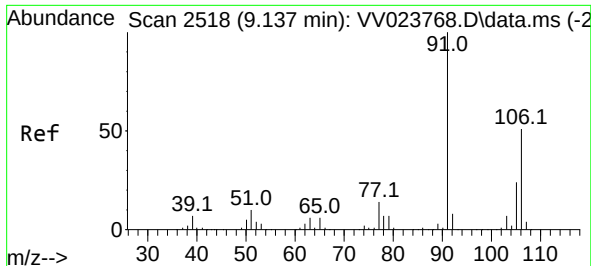
Tgt Ion:112 Resp: 10047
Ion Ratio Lower Upper
112 100
114 36.1 22.6 42.0
77 49.6 43.5 65.3



#52
Ethylbenzene
Concen: 0.896 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 91 Resp: 15443
Ion Ratio Lower Upper
91 100
106 31.3 22.0 40.8

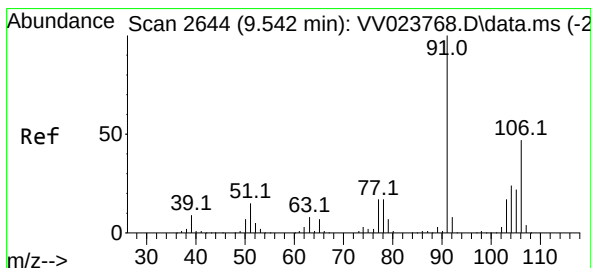
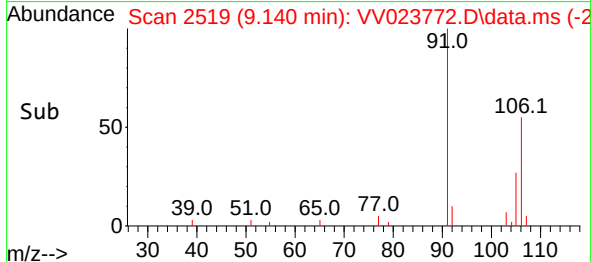
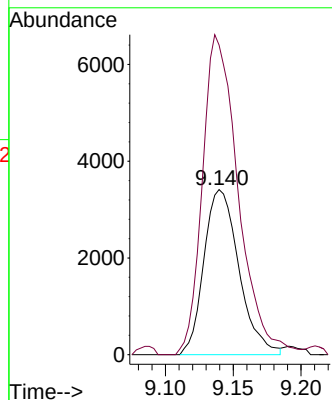
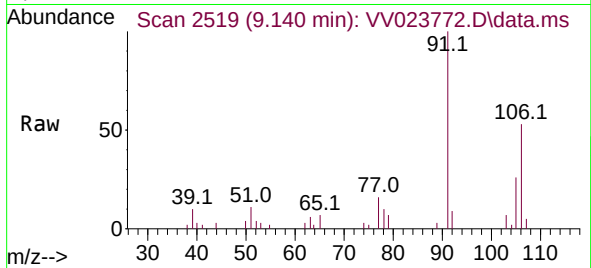




#53
m,p-Xylene
Concen: 0.901 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

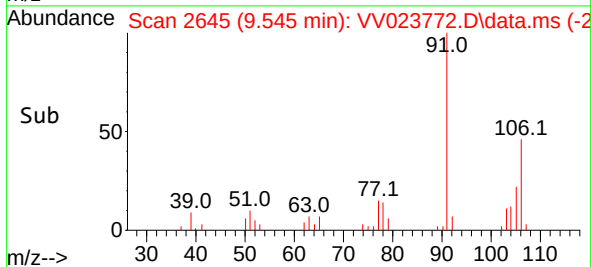
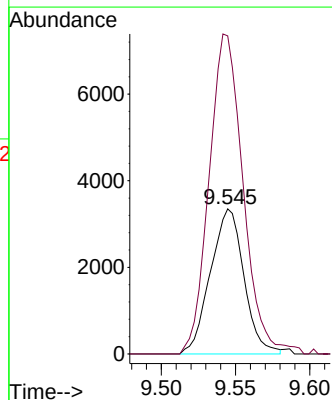
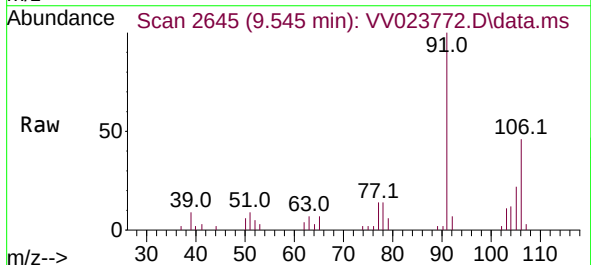
Instrument :
MSVOA_V
ClientSampleId :

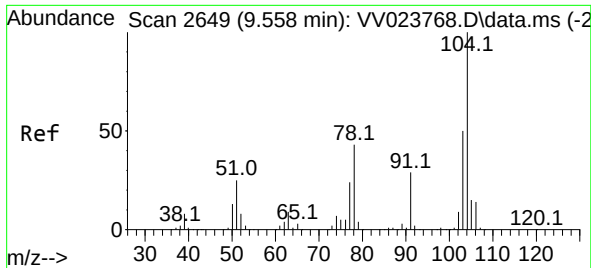
Tgt Ion:106 Resp: 6142
Ion Ratio Lower Upper
106 100
91 187.5 141.7 263.3



#54
o-Xylene
Concen: 0.810 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion:106 Resp: 5261
Ion Ratio Lower Upper
106 100
91 219.3 147.8 274.6

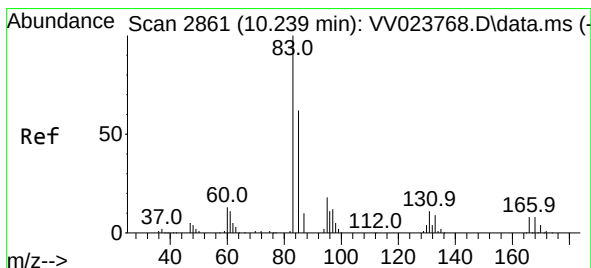
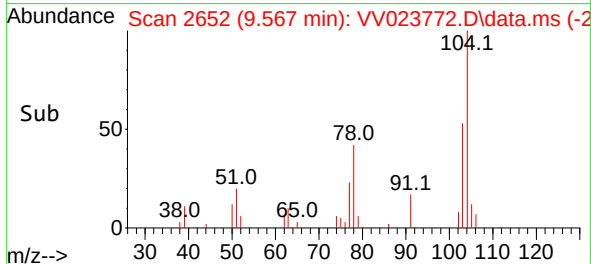
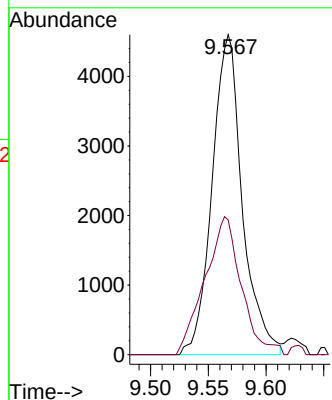
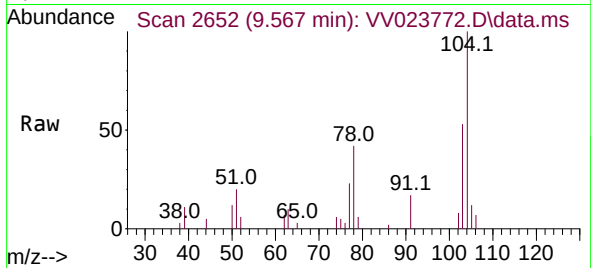




#55
Styrene
Concen: 0.745 ug/L
RT: 9.567 min Scan# 20
Delta R.T. 0.009 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

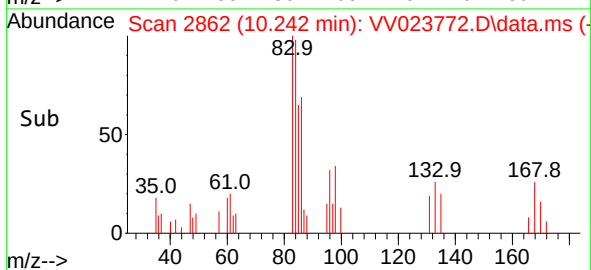
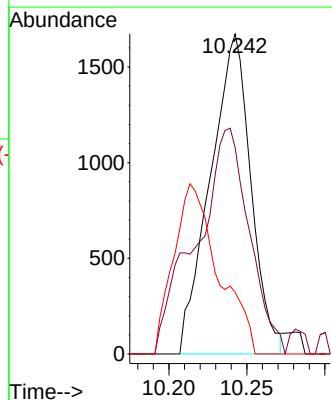
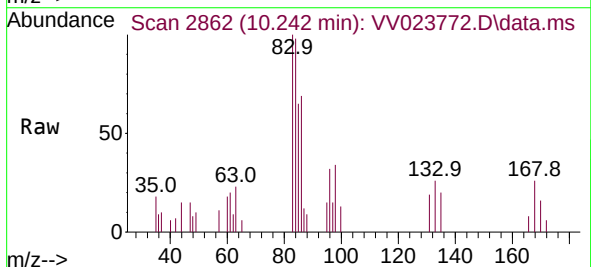
Instrument :
MSVOA_V
ClientSampleId :

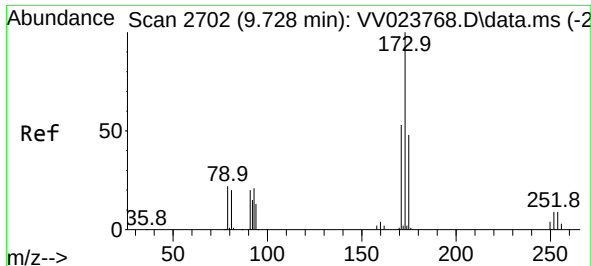
Tgt Ion:104 Resp: 8363
Ion Ratio Lower Upper
104 100
78 42.1 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.914 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

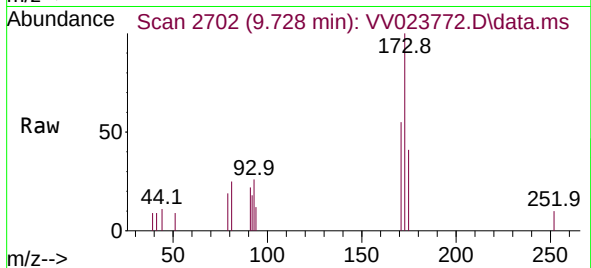
Tgt Ion: 83 Resp: 3026
Ion Ratio Lower Upper
83 100
85 64.6 44.4 82.5
131 19.3 8.4 12.6#



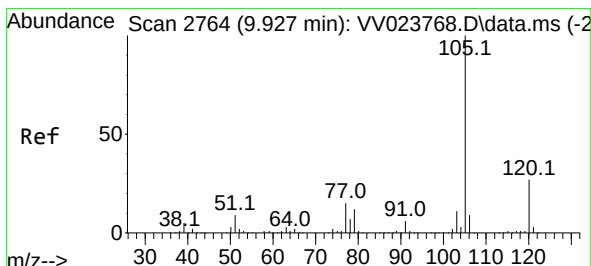
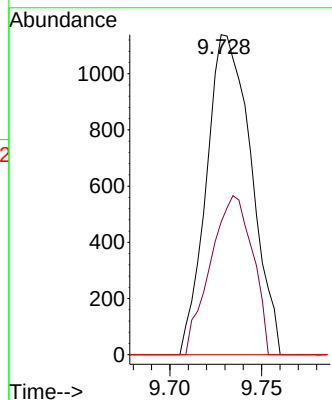
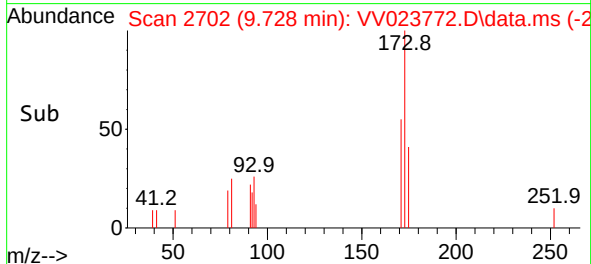


#59
Bromoform
Concen: 0.851 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

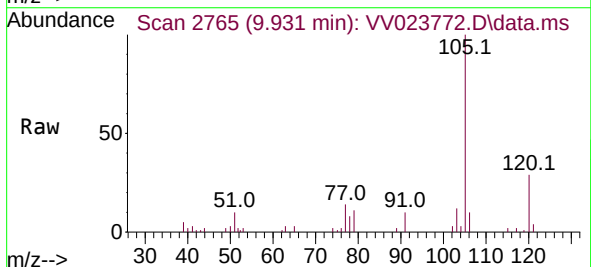
Instrument :
MSVOA_V
ClientSampleId :



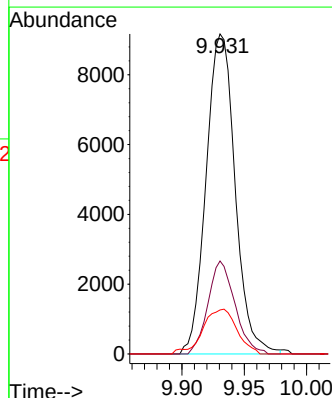
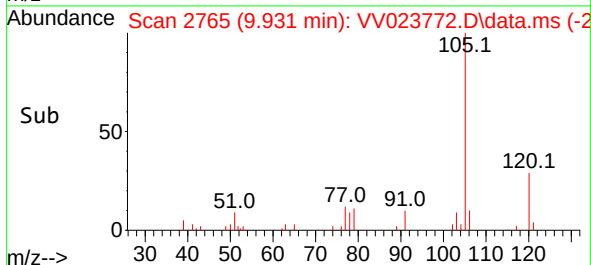
Tgt Ion:173 Resp: 1931
Ion Ratio Lower Upper
173 100
175 46.8 0.0 0.0#
254 0.0 0.0 0.0

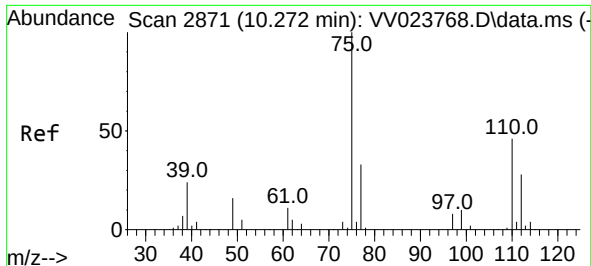


#60
Isopropylbenzene
Concen: 0.879 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45



Tgt Ion:105 Resp: 14861
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 15.9 11.9 17.9

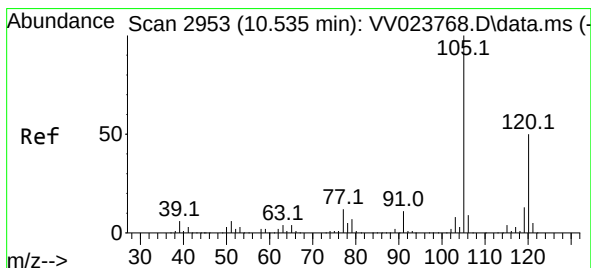
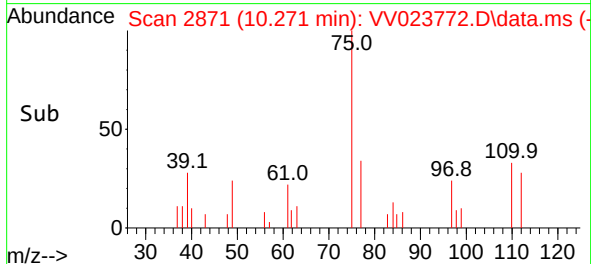
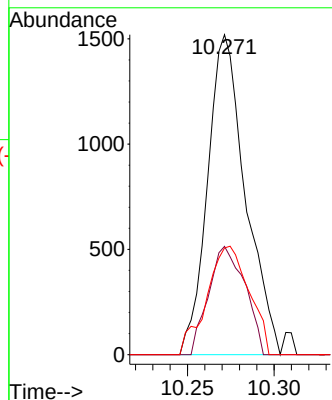
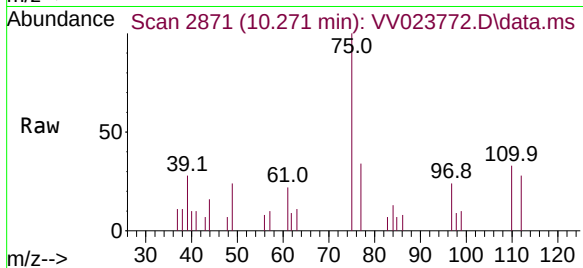




#61
 1,2,3-Trichloropropane
 Concen: 0.945 ug/L
 RT: 10.271 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

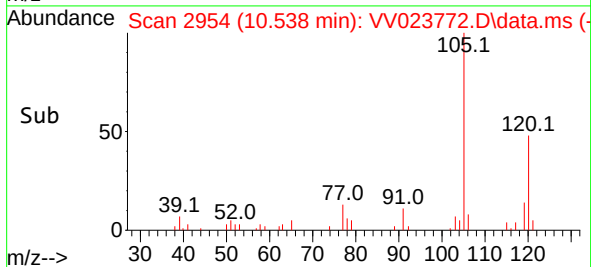
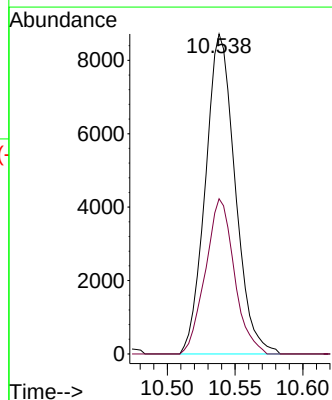
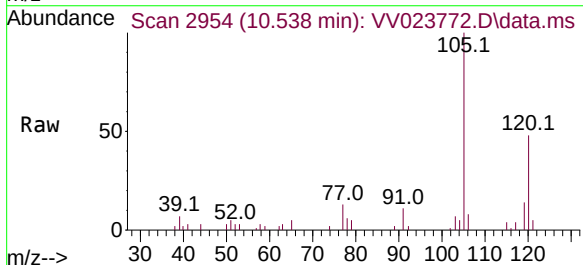
Instrument :
 MSVOA_V
 ClientSampleId :

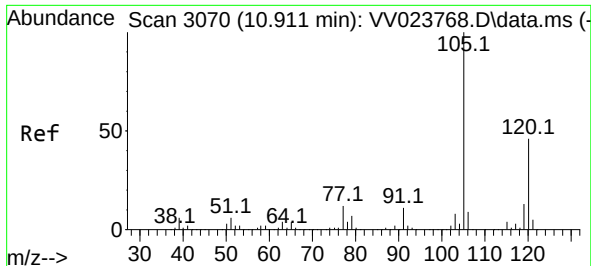
Tgt Ion:	75	Resp:	2307
Ion	Ratio	Lower	Upper
75	100		
77	32.5	27.0	40.6
110	37.8	33.7	50.5



#62
 1,3,5-Trimethylbenzene
 Concen: 0.901 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion:	105	Resp:	13280
Ion	Ratio	Lower	Upper
105	100		
120	47.1	40.0	60.0

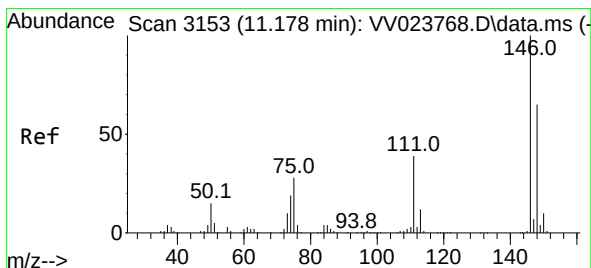
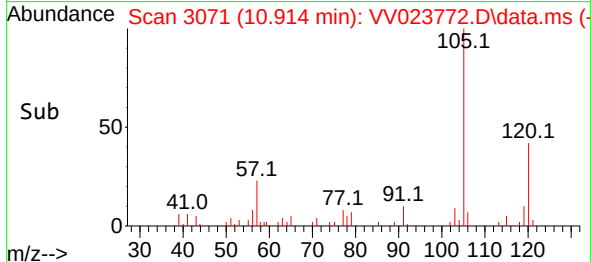
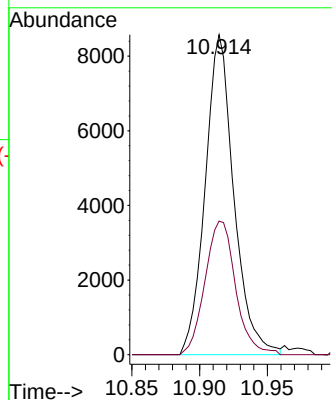
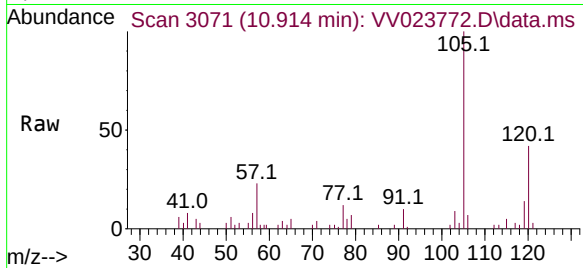




#63
 1,2,4-Trimethylbenzene
 Concen: 0.864 ug/L
 RT: 10.914 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

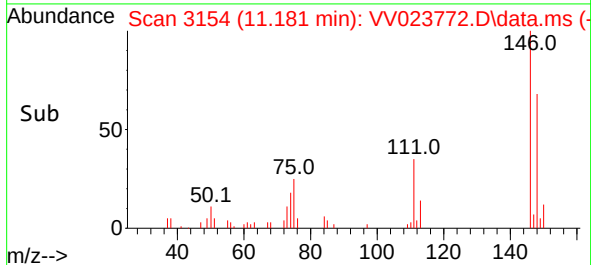
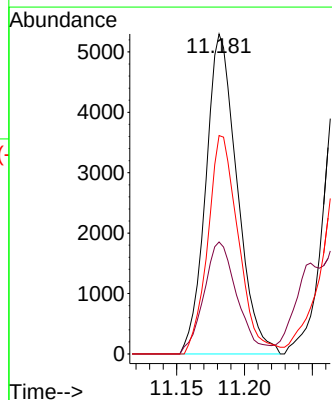
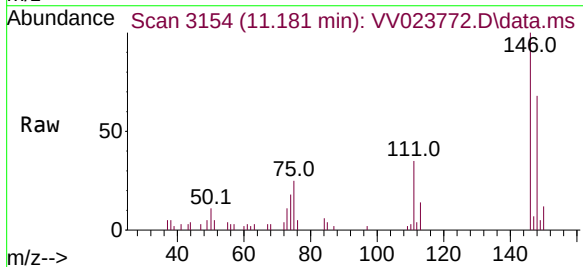
Instrument :
 MSVOA_V
 ClientSampleId :

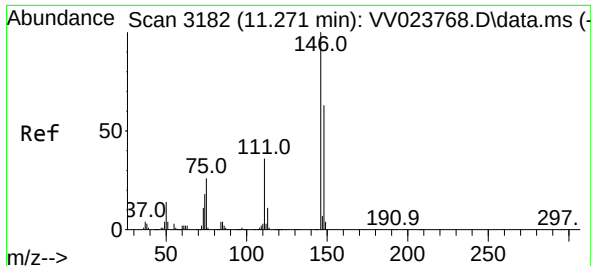
Tgt Ion:105 Resp: 12620
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.7 55.1



#64
 1,3-Dichlorobenzene
 Concen: 0.948 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Tgt Ion:146 Resp: 8509
 Ion Ratio Lower Upper
 146 100
 111 35.0 26.2 48.8
 148 68.2 44.7 83.1

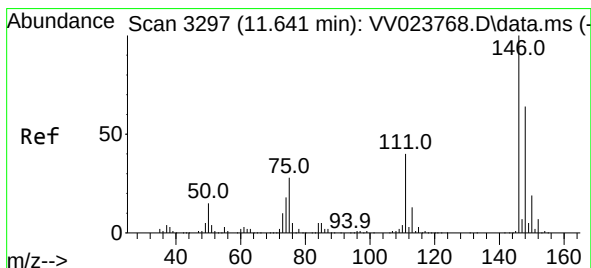
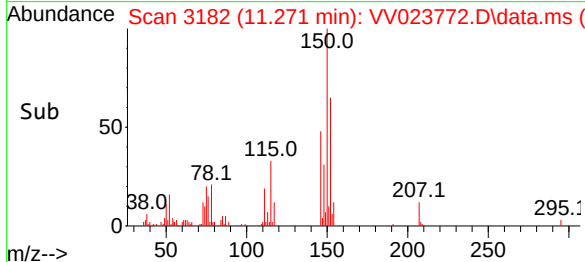
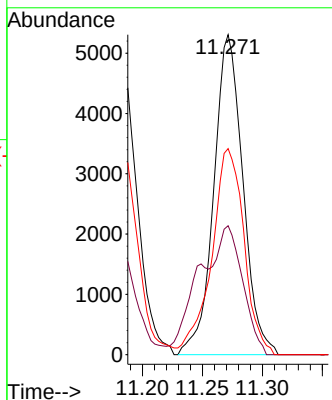
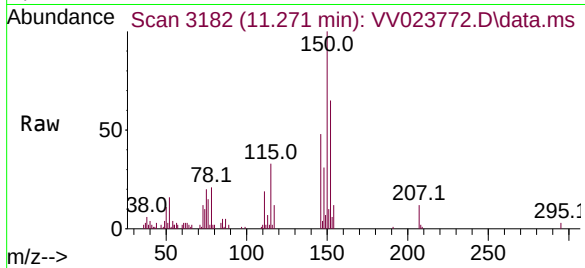




#65
1,4-Dichlorobenzene
Concen: 0.975 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

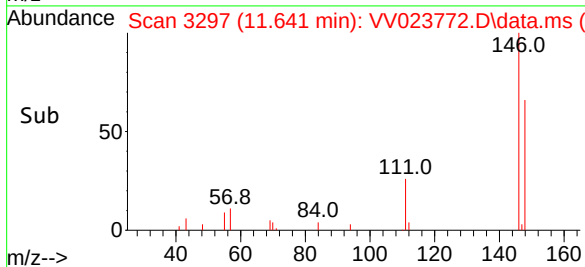
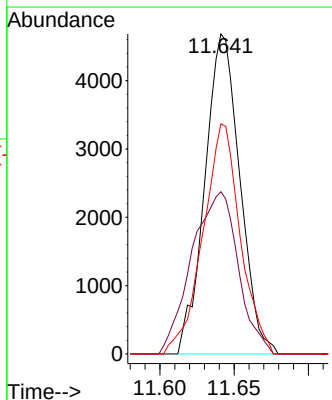
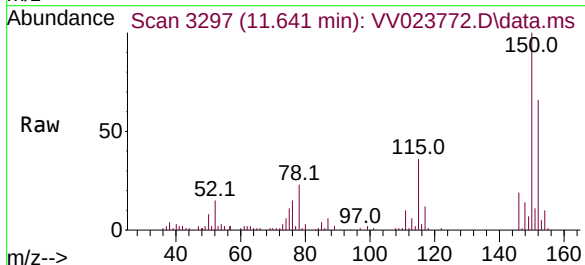
Instrument :
MSVOA_V
ClientSampleId :

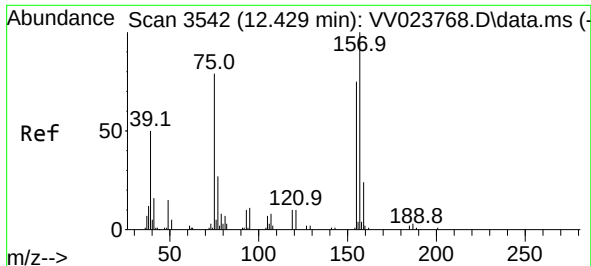
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	25.4	47.2
148	64.4	43.8	81.4



#67
1,2-Dichlorobenzene
Concen: 0.933 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.7	31.4	47.0#
148	71.9	51.1	76.7

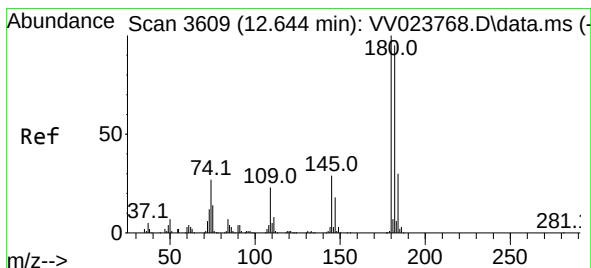
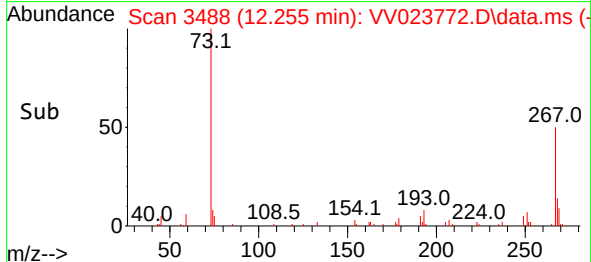
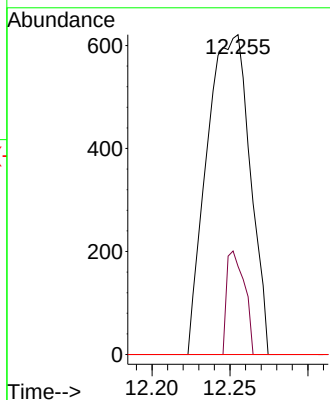
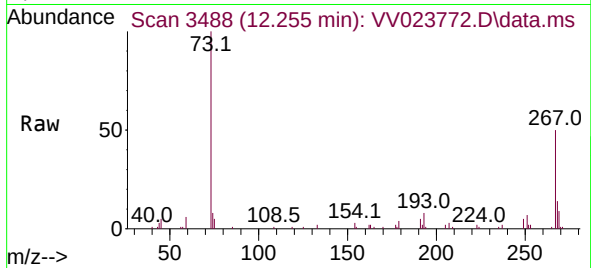




#68
1,2-Dibromo-3-chloropropane
Concen: 2.006 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

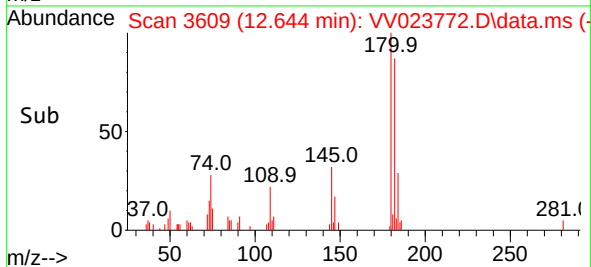
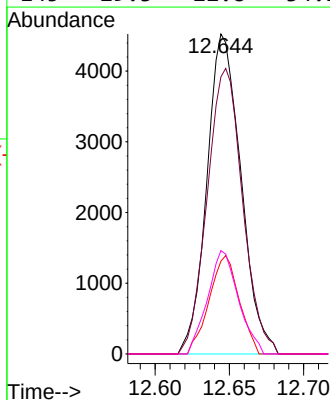
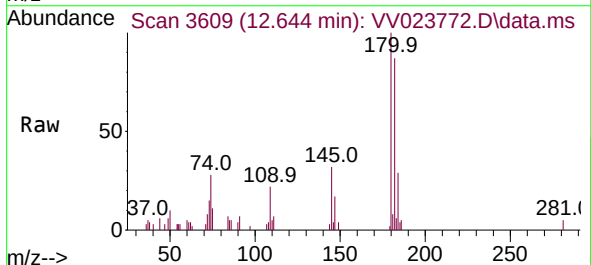
Instrument :
MSVOA_V
ClientSampleId :

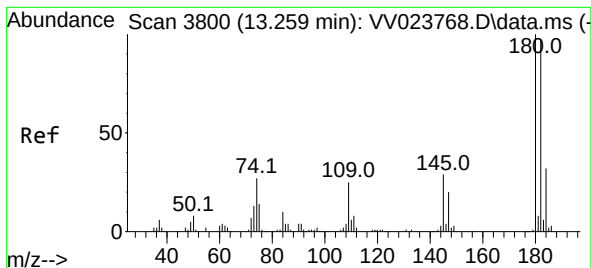
Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
155 27.5 71.0 106.4#
157 0.0 90.1 135.1#



#69
1,3,5-Trichlorobenzene
Concen: 1.017 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023772.D
Acq: 02 Dec 2021 12:45

Tgt Ion: 180 Resp: 7205
Ion Ratio Lower Upper
180 100
182 92.6 75.8 113.8
184 27.1 23.8 35.8
145 29.3 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 1.008 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

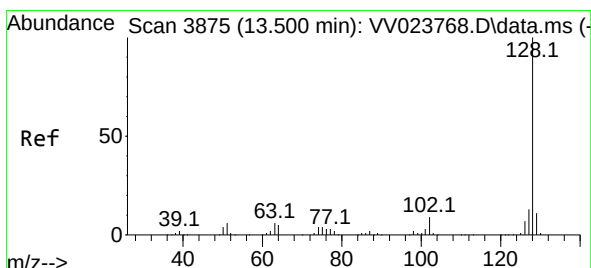
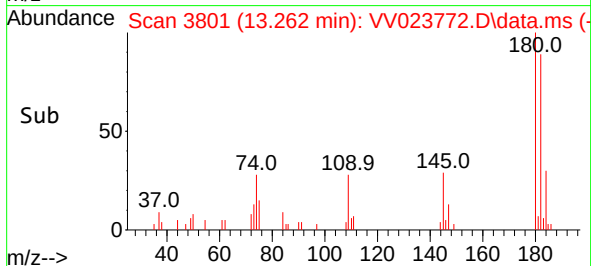
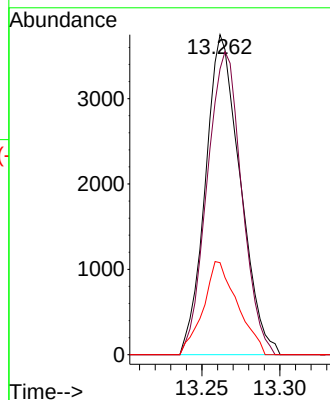
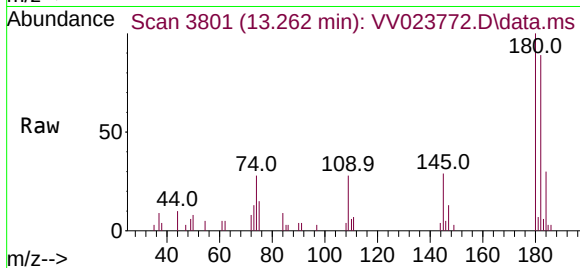
Tgt Ion:180 Resp: 5808

Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

145 28.7 24.3 36.5



#71

Naphthalene

Concen: 0.949 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV023772.D

Acq: 02 Dec 2021 12:45

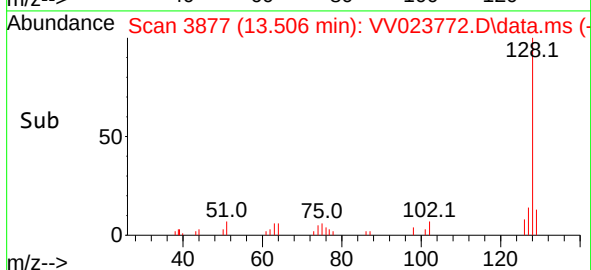
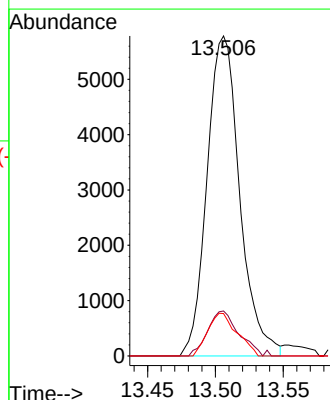
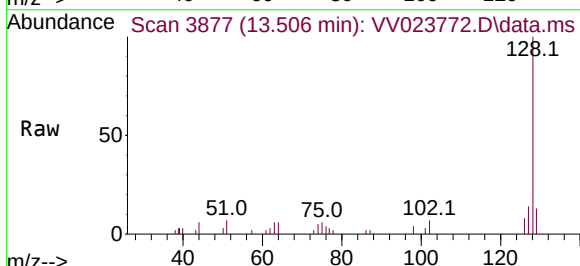
Tgt Ion:128 Resp: 9709

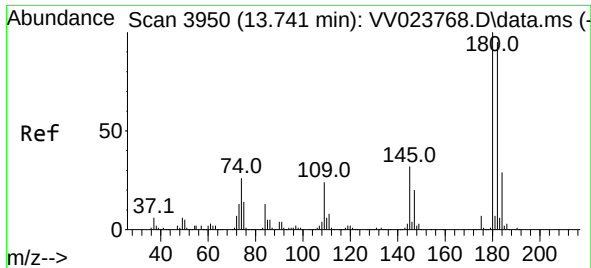
Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

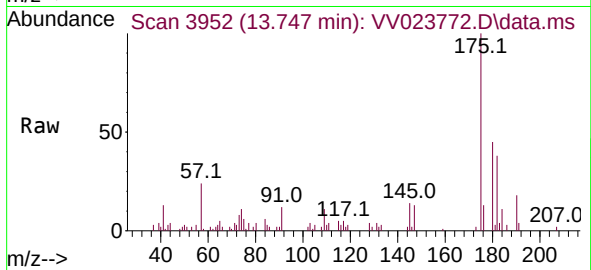
129 11.9 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.986 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV023772.D
 Acq: 02 Dec 2021 12:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5128
Ion Ratio	Lower	Upper	
180	100		
182	89.3	76.2	114.2
145	36.1	25.6	38.4

