

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023774.D
 Acq On : 02 Dec 2021 14:35
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 02:00:05 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	274362	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	264749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	147384	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72416	22.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
7) Chloroethane-d5	1.564	69	59895	22.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
11) 1,1-Dichloroethene-d2	2.101	63	110631	16.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.000%
21) 2-Butanone-d5	3.899	46	35105	37.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.260%
24) Chloroform-d	4.342	84	153911	21.484	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	5.027	65	85310	21.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.680%
32) Benzene-d6	5.043	84	302201	22.670	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	6.063	67	87867	22.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.960%
41) Toluene-d8	7.313	98	277728	22.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.619	79	38465	21.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.480%
47) 2-Hexanone-d5	8.088	63	30471	43.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	73630	21.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.280%
66) 1,2-Dichlorobenzene-d4	11.622	152	115307	22.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	6805	1.286	ug/L	95
3) Chloromethane	1.240	50	6073	1.291	ug/L	95
5) Vinyl chloride	1.307	62	5455	1.213	ug/L #	76
6) Bromomethane	1.519	94	3832	1.262	ug/L	96
9) Trichlorofluoromethane	1.748	101	8642	1.206	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5305	1.429	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4836	1.395	ug/L #	1
14) Carbon disulfide	2.288	76	14625	1.172	ug/L	99
15) Methyl Acetate	2.433	43	1515	0.971	ug/L	96
16) Methylene chloride	2.500	84	12043	2.274	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	4857	1.166	ug/L	83
18) Methyl tert-butyl Ether	2.764	73	9732	1.036	ug/L	99
19) 1,1-Dichloroethane	3.188	63	7486	1.099	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	4731	1.111	ug/L	86
23) Bromochloromethane	4.256	128	2236	1.038	ug/L	91
27) 1,2-Dichloroethane	5.137	62	4925	1.009	ug/L	97
29) Cyclohexane	4.670	56	6443	1.105	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	7787	1.166	ug/L	98
31) Carbon tetrachloride	4.822	117	4282	0.708	ug/L #	38

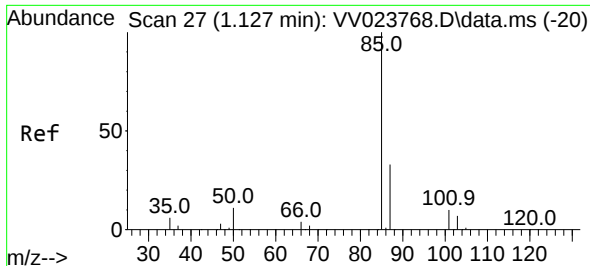
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 Data File : VV023774.D
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 Operator : SY/MD
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

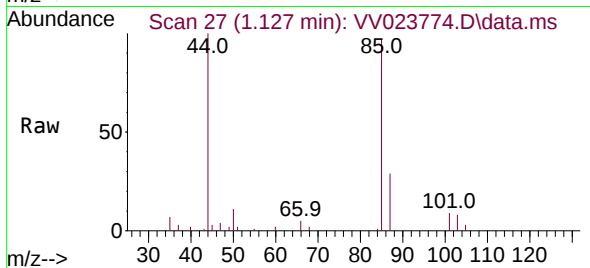
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.095	78	16779	1.084	ug/L	100
34) Trichloroethene	5.918	95	4541	1.067	ug/L	95
35) Methylcyclohexane	6.130	83	7352	1.101	ug/L	97
37) 1,2-Dichloropropane	6.175	63	3834	1.066	ug/L #	95
38) Bromodichloromethane	6.510	83	5121	0.977	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	5338	0.933	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	5765	2.610	ug/L	99
42) Toluene	7.387	91	22587	1.333	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	6088	1.160	ug/L	90
45) 1,1,2-Trichloroethane	7.841	97	3292	1.051	ug/L	85
46) Tetrachloroethene	7.973	164	4361	1.153	ug/L	95
49) Dibromochloromethane	8.243	129	4387	1.086	ug/L	96
50) 1,2-Dibromoethane	8.358	107	3187	1.039	ug/L #	86
51) Chlorobenzene	8.882	112	13222	1.139	ug/L	97
52) Ethylbenzene	9.011	91	19034	1.042	ug/L	95
53) m,p-Xylene	9.140	106	7671	1.062	ug/L	99
54) o-Xylene	9.545	106	7035	1.022	ug/L	85
55) Styrene	9.564	104	10218	0.859	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	3757	1.071	ug/L #	89
59) Bromoform	9.731	173	2818	1.167	ug/L #	100
60) Isopropylbenzene	9.931	105	17731	0.986	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2931	1.128	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	15633	0.997	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	16569	1.066	ug/L	96
64) 1,3-Dichlorobenzene	11.181	146	10352	1.084	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	11111	1.139	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	10175	1.163	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.252	75	1526	2.419	ug/L #	20
69) 1,3,5-Trichlorobenzene	12.648	180	8644	1.146	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6668	1.088	ug/L	96
71) Naphthalene	13.506	128	11469	1.054	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	5714	1.033	ug/L	96

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

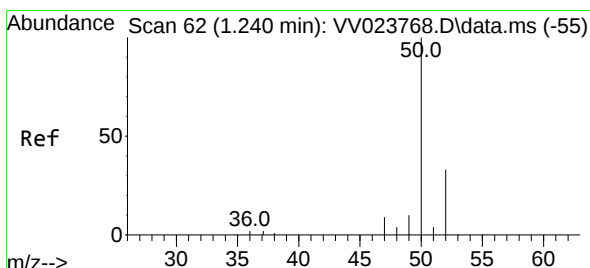
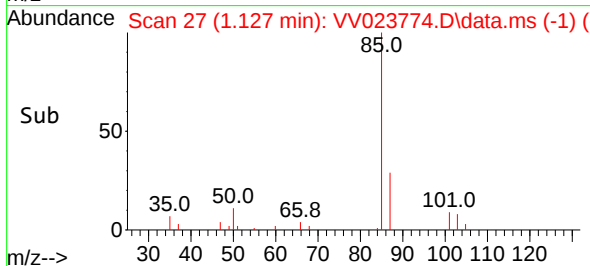
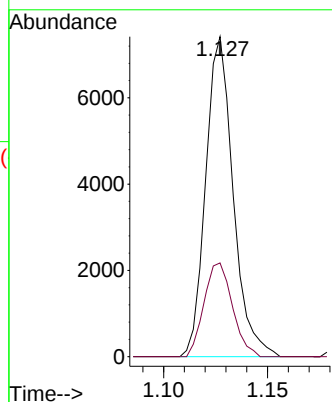


#2
 Dichlorodifluoromethane
 Concen: 1.286 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Instrument :
 MSVOA_V
 ClientSampleId :

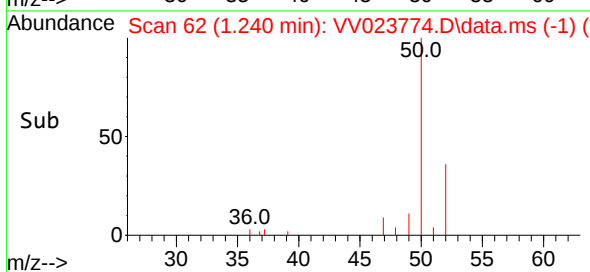
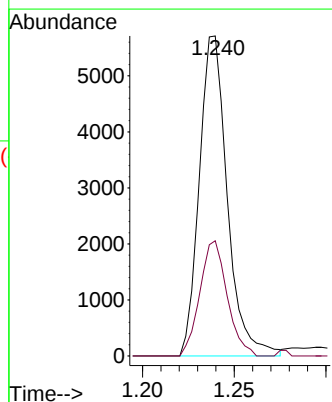
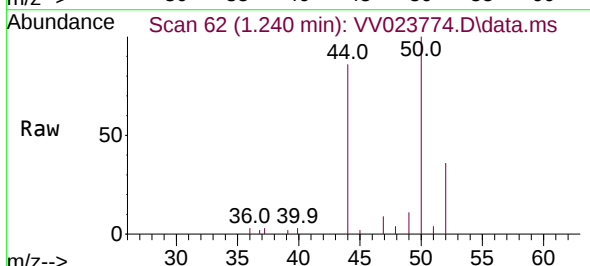


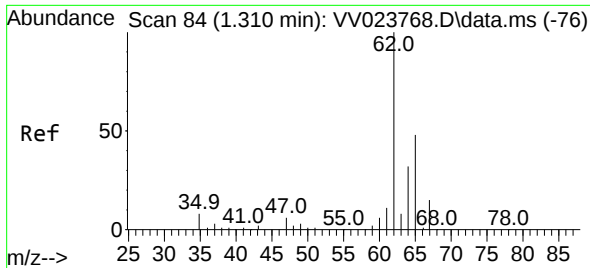
Tgt Ion: 85 Resp: 6805
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.6 40.0



#3
 Chloromethane
 Concen: 1.291 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Tgt Ion: 50 Resp: 6073
 Ion Ratio Lower Upper
 50 100
 52 36.0 23.3 43.3

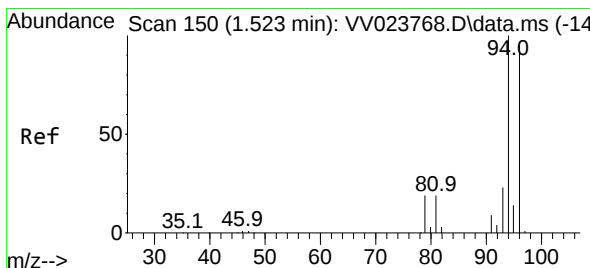
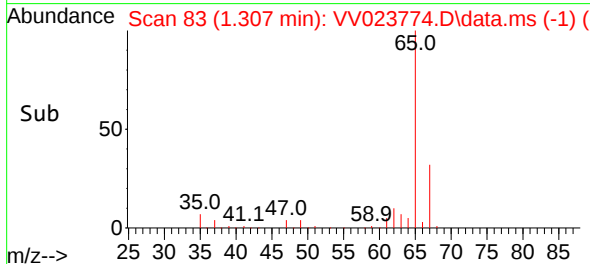
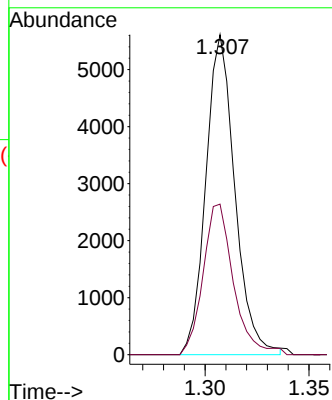
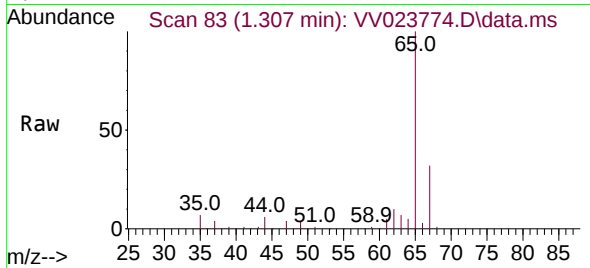




#5
 Vinyl chloride
 Concen: 1.213 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

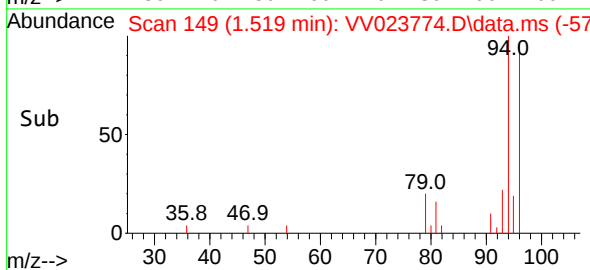
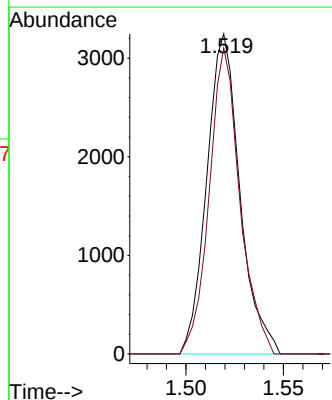
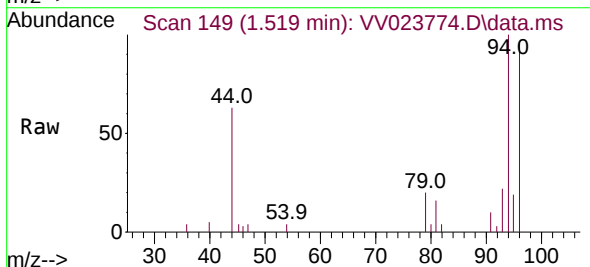
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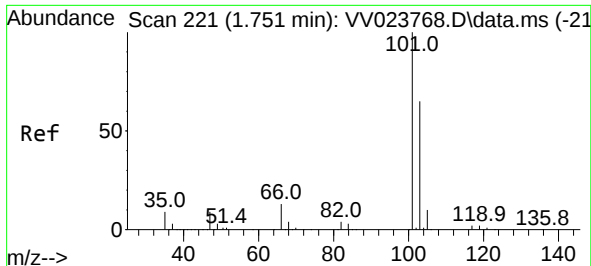
Tgt Ion: 62 Resp: 5455
 Ion Ratio Lower Upper
 62 100
 64 47.1 23.5 43.7#



#6
 Bromomethane
 Concen: 1.262 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Tgt Ion: 94 Resp: 3832
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.1 119.1

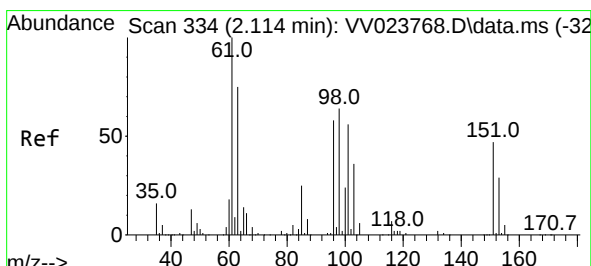
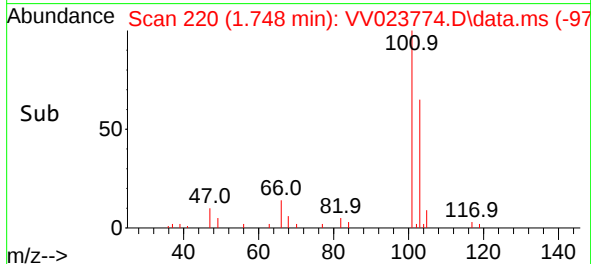
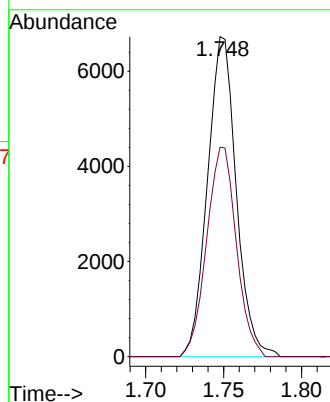
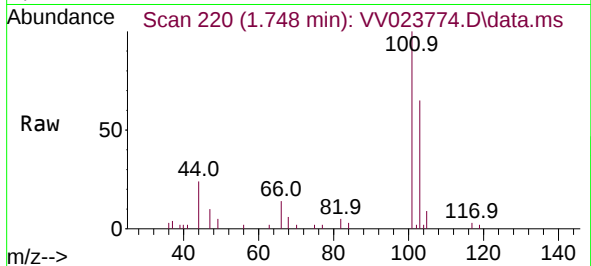




#9
 Trichlorofluoromethane
 Concen: 1.206 ug/L
 RT: 1.748 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

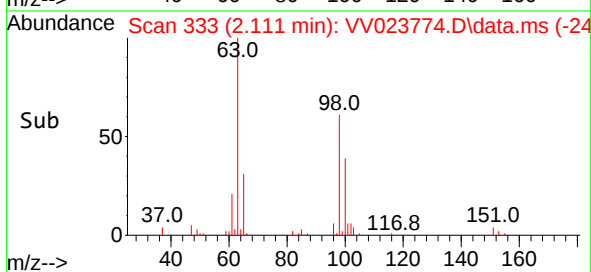
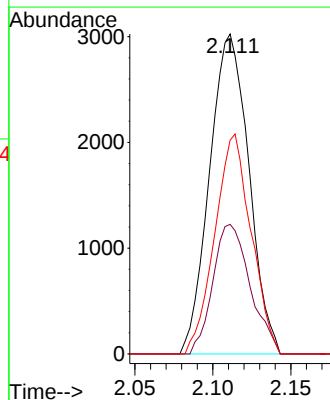
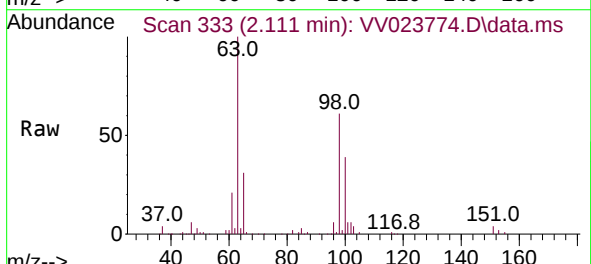
Instrument :
 MSVOA_V
 ClientSampleId :

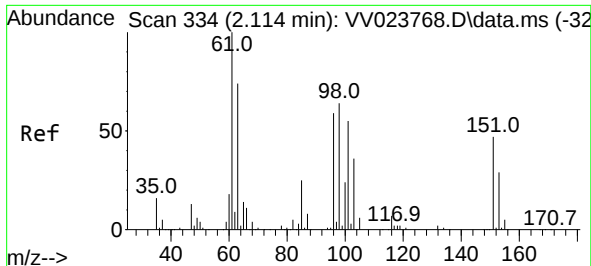
Tgt Ion:101 Resp: 8642
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.429 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Tgt Ion:101 Resp: 5305
 Ion Ratio Lower Upper
 101 100
 85 38.4 35.1 52.7
 151 63.6 65.6 98.4#





#12

1,1-Dichloroethene

Concen: 1.395 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

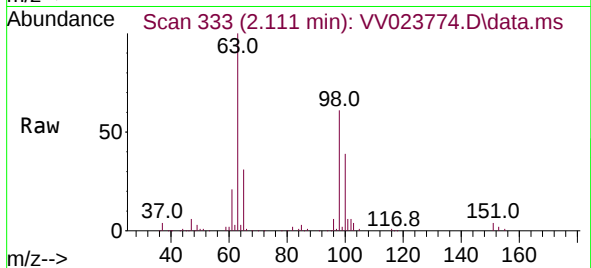
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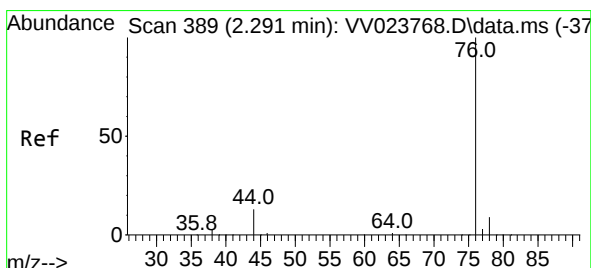
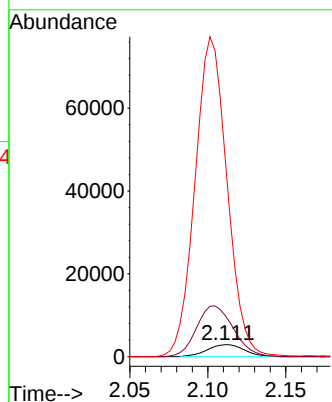
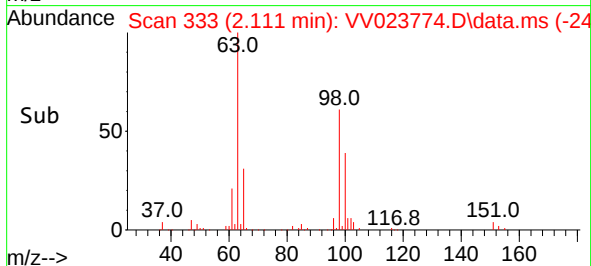
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	4836
Ion	Ratio	Lower	Upper
96	100		
61	344.3	119.4	221.8#
63	1668.3	95.4	177.2#



#14

Carbon disulfide

Concen: 1.172 ug/L

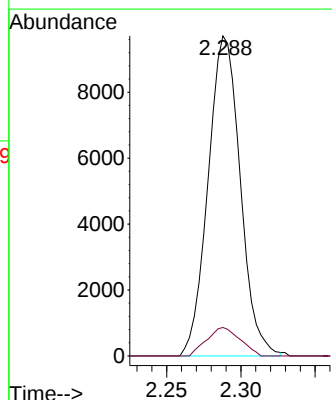
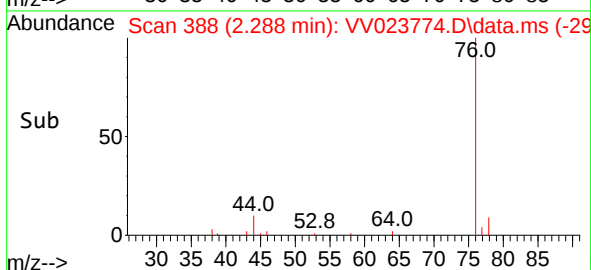
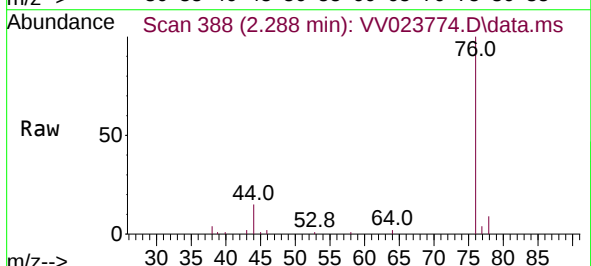
RT: 2.288 min Scan# 388

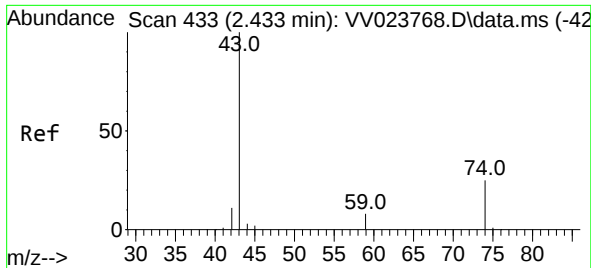
Delta R.T. -0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Tgt Ion:	76	Resp:	14625
Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

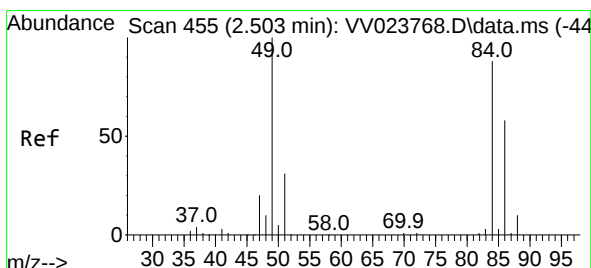
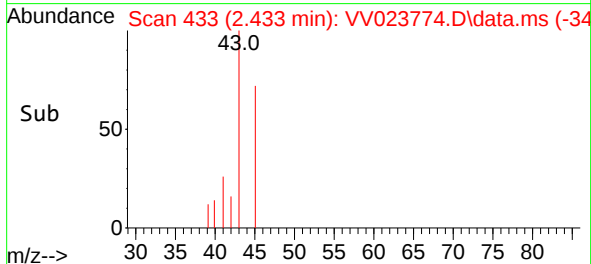
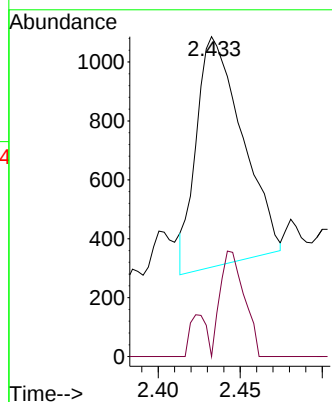
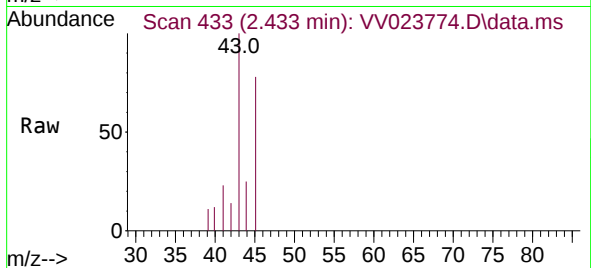




#15
Methyl Acetate
Concen: 0.971 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

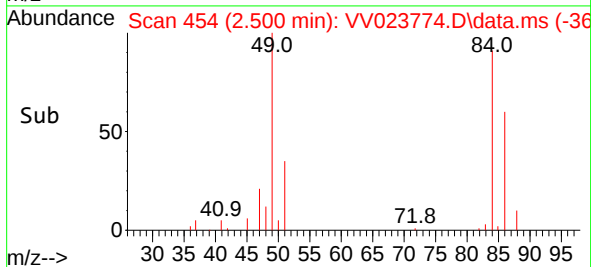
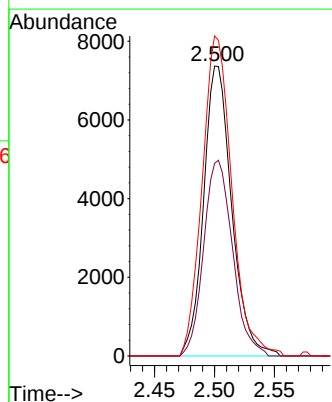
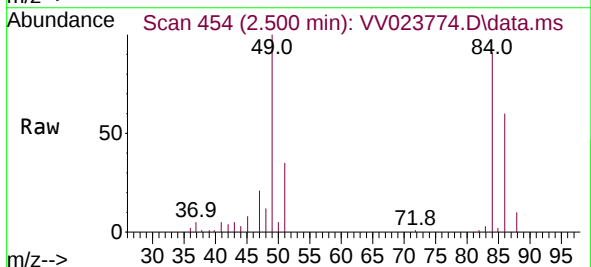
Instrument :
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ClientSampleId :

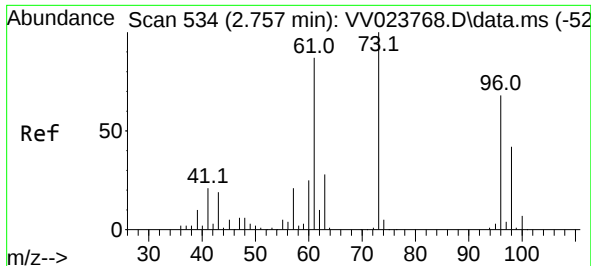
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
74 24.1 17.6 26.4



#16
Methylene chloride
Concen: 2.274 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 84 Resp: 12043
Ion Ratio Lower Upper
84 100
86 66.5 45.3 84.1
49 110.4 81.8 152.0





#17

trans-1,2-Dichloroethene

Concen: 1.166 ug/L

RT: 2.761 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

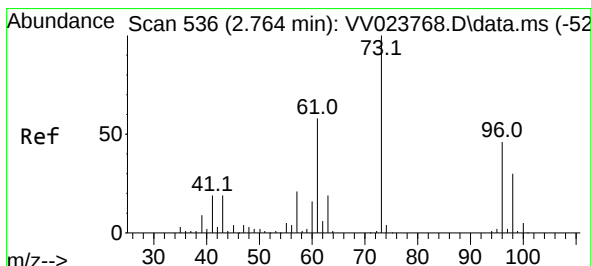
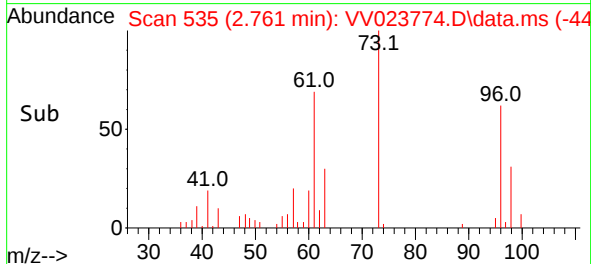
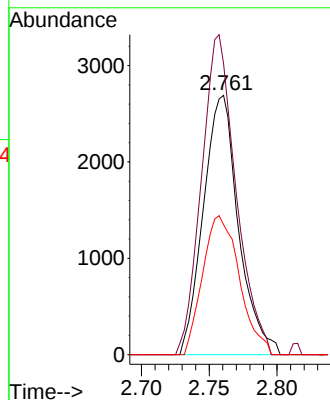
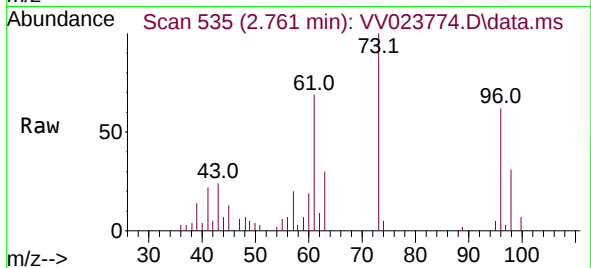
Tgt Ion: 96 Resp: 4857

Ion Ratio Lower Upper

96 100

61 112.3 91.0 169.0

98 50.1 45.9 85.3



#18

Methyl tert-butyl Ether

Concen: 1.036 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

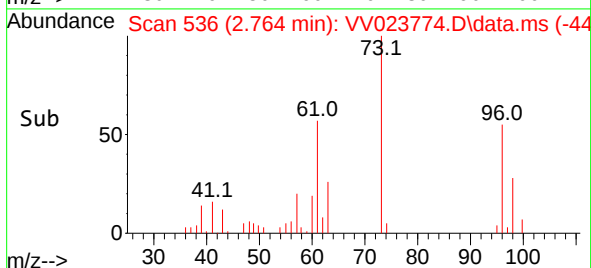
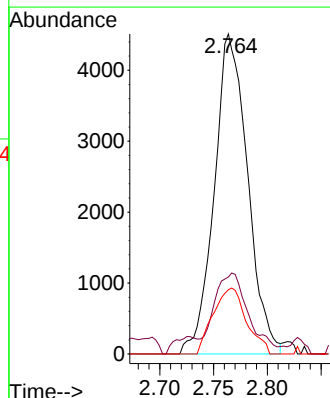
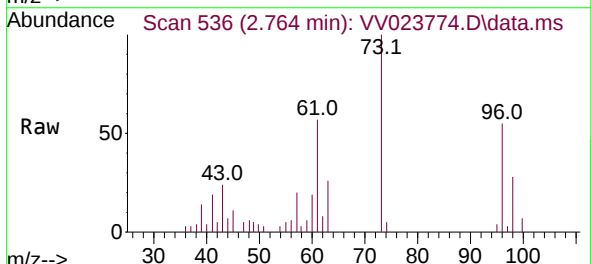
Tgt Ion: 73 Resp: 9732

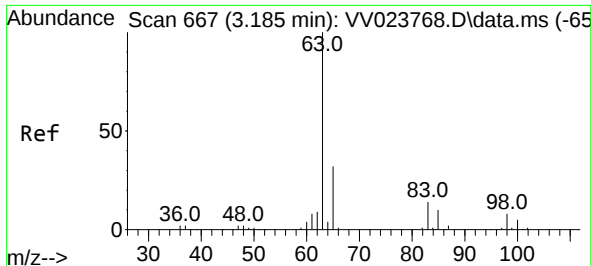
Ion Ratio Lower Upper

73 100

43 18.9 15.0 22.4

57 20.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 1.099 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

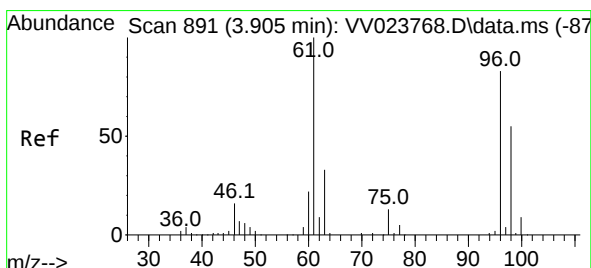
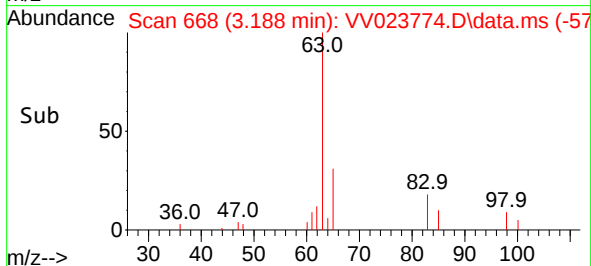
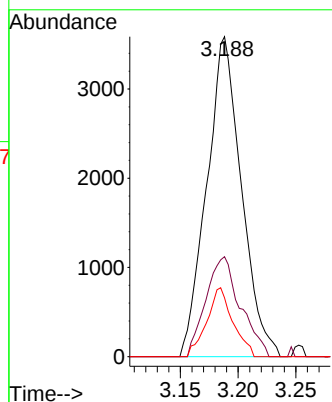
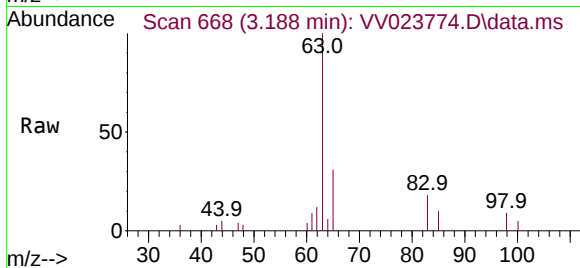
Tgt Ion: 63 Resp: 7486

Ion Ratio Lower Upper

63 100

65 31.3 21.3 39.5

83 18.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 1.111 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

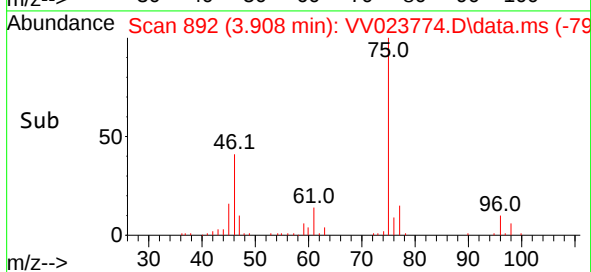
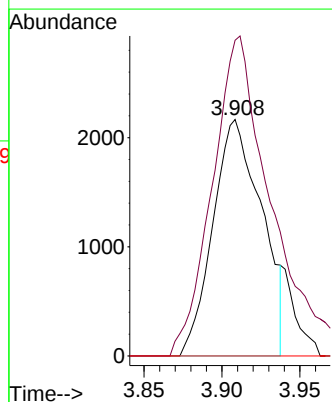
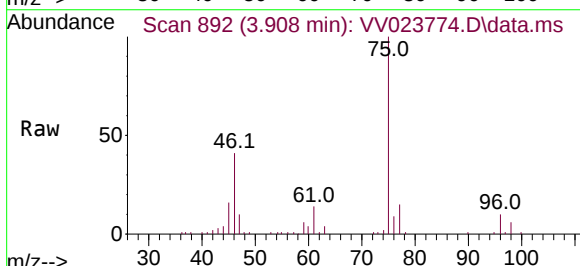
Tgt Ion: 96 Resp: 4731

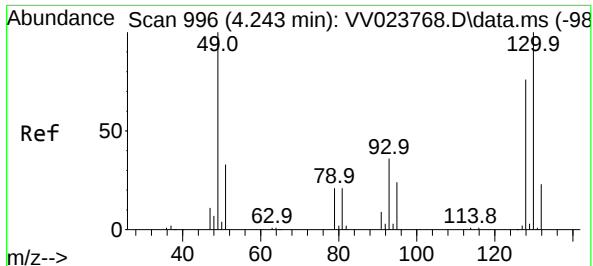
Ion Ratio Lower Upper

96 100

61 133.5 82.5 153.3

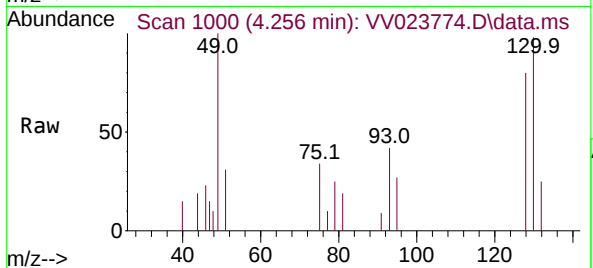
68 0.0 0.0 0.0



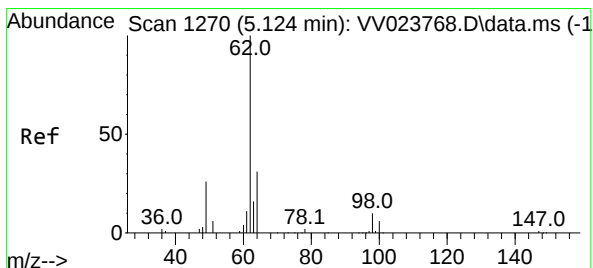
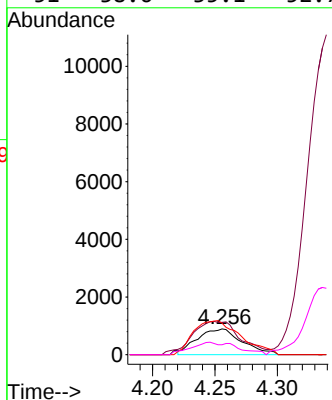
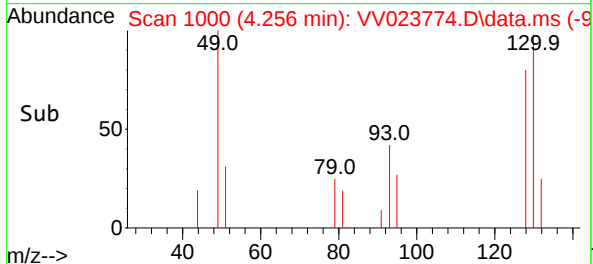


#23
Bromochloromethane
Concen: 1.038 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :

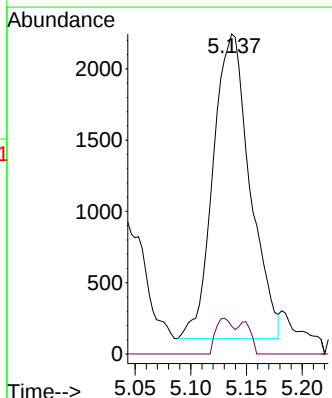
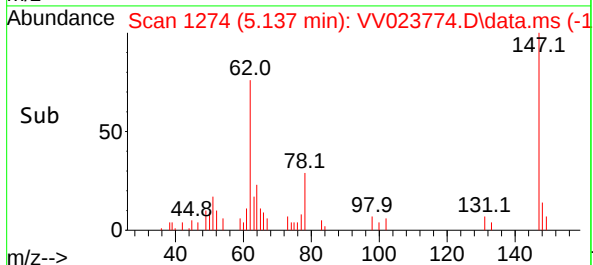
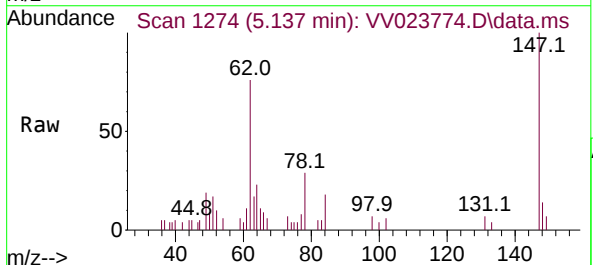


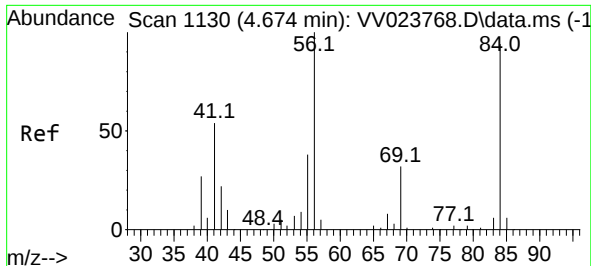
Tgt Ion:128 Resp: 2236
Ion Ratio Lower Upper
128 100
49 125.2 95.7 177.7
130 122.3 92.4 171.6
51 38.6 35.1 52.7



#27
1,2-Dichloroethane
Concen: 1.009 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 62 Resp: 4925
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.6





#29

Cyclohexane

Concen: 1.105 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

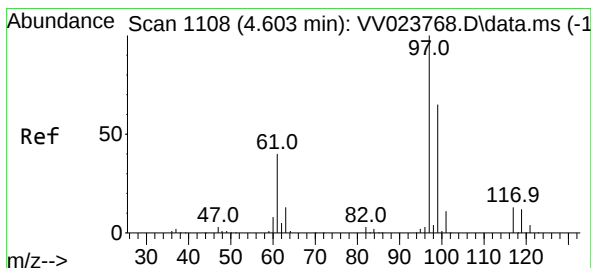
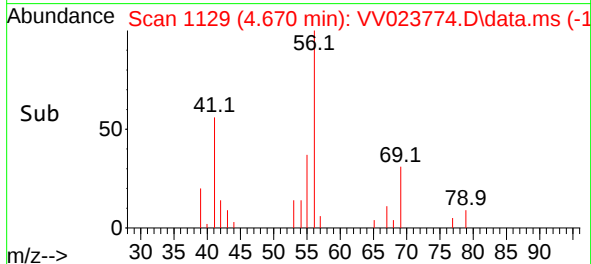
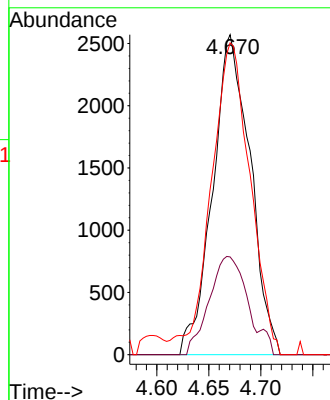
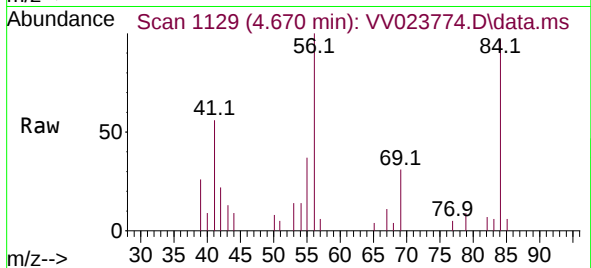
Tgt Ion: 56 Resp: 6443

Ion Ratio Lower Upper

56 100

69 29.6 25.2 37.8

84 99.1 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 1.166 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

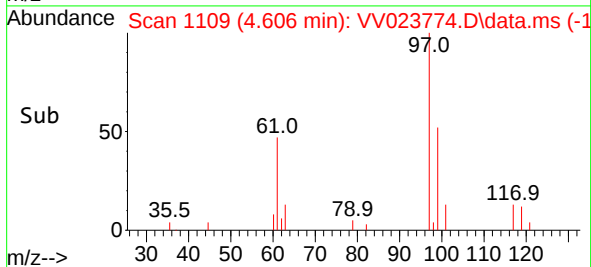
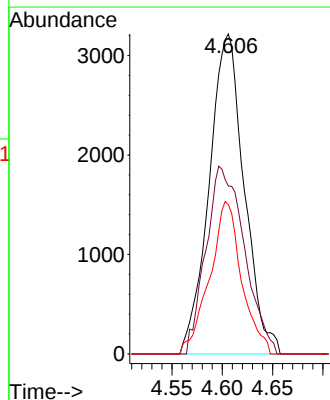
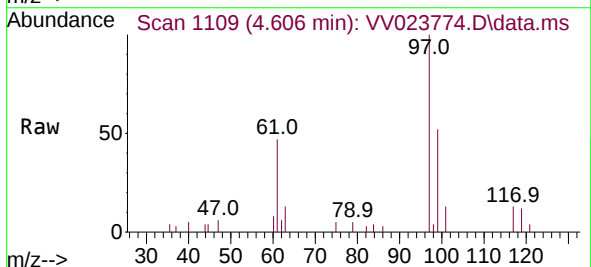
Tgt Ion: 97 Resp: 7787

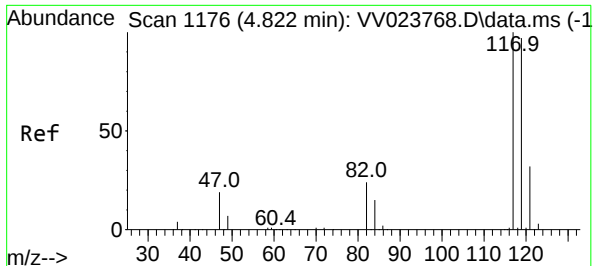
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 43.5 33.3 49.9

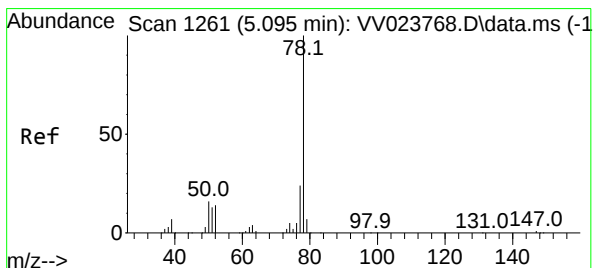
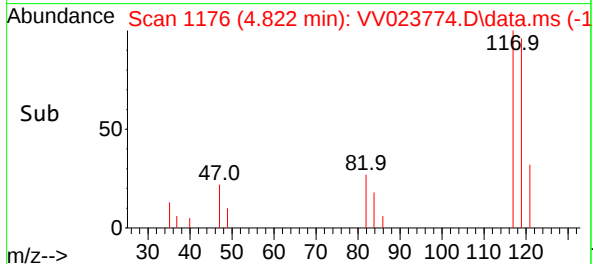
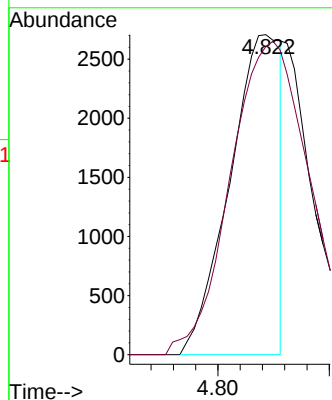
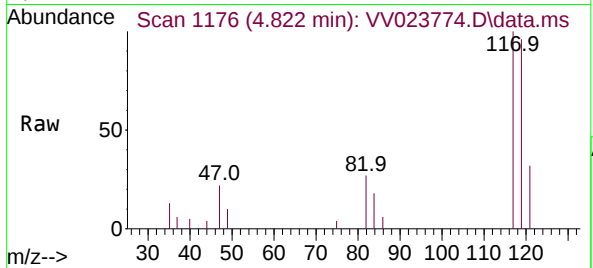




#31
Carbon tetrachloride
Concen: 0.708 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

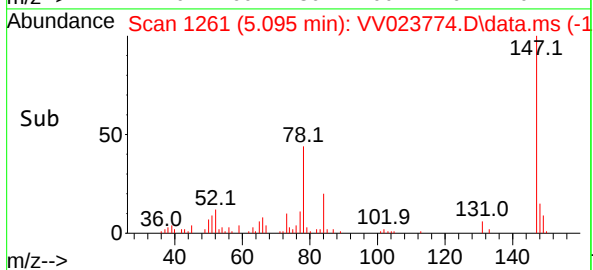
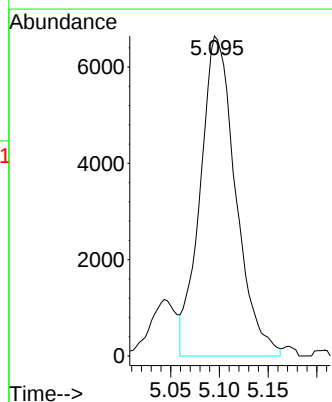
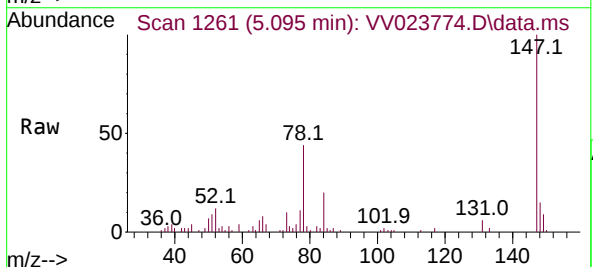
Instrument :
MSVOA_V
ClientSampleId :

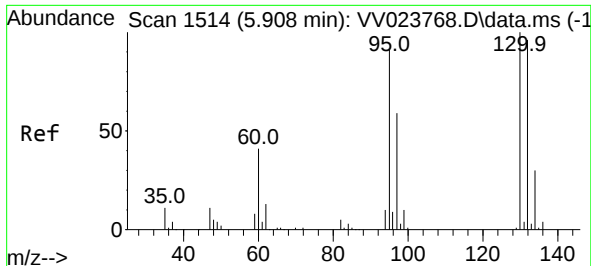
Tgt Ion:117 Resp: 4282
Ion Ratio Lower Upper
117 100
119 155.3 76.0 114.0#



#33
Benzene
Concen: 1.084 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 78 Resp: 16779





#34

Trichloroethene

Concen: 1.067 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4541

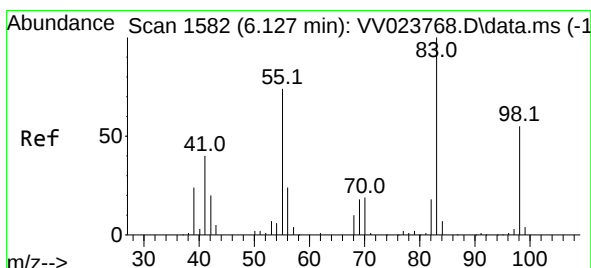
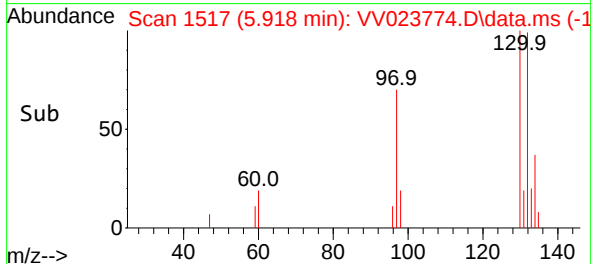
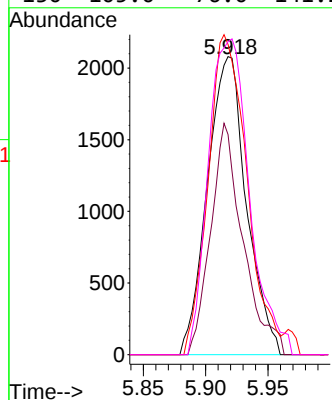
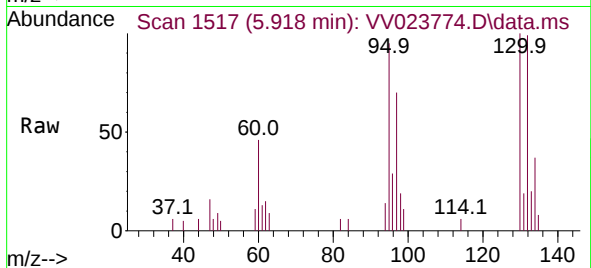
Ion Ratio Lower Upper

95 100

97 73.8 44.5 82.7

132 104.1 71.7 133.1

130 105.0 76.0 141.2



#35

Methylcyclohexane

Concen: 1.101 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

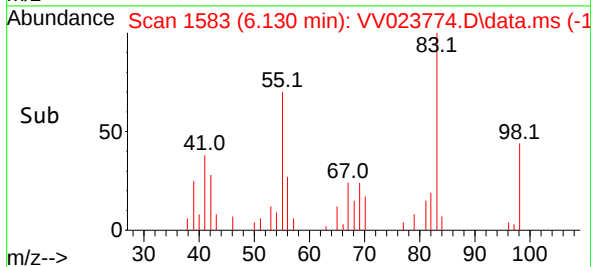
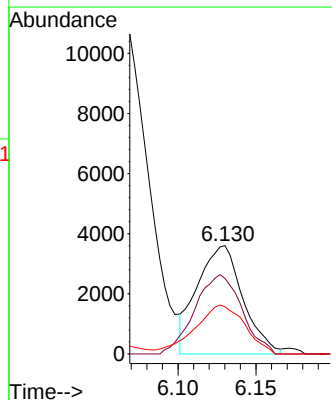
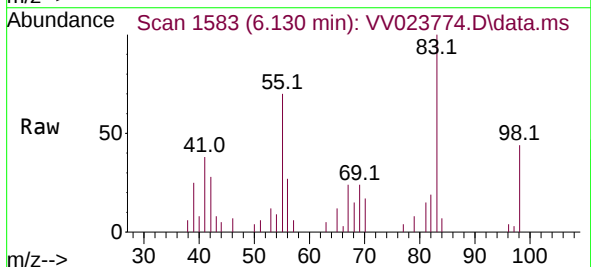
Tgt Ion: 83 Resp: 7352

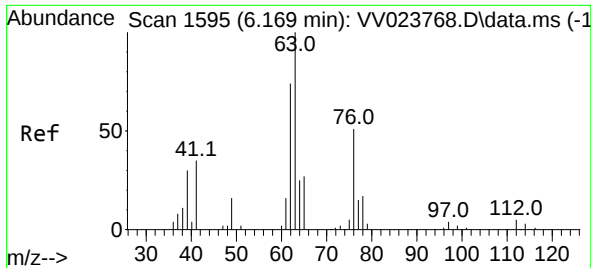
Ion Ratio Lower Upper

83 100

55 75.1 57.4 86.2

98 49.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 1.066 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

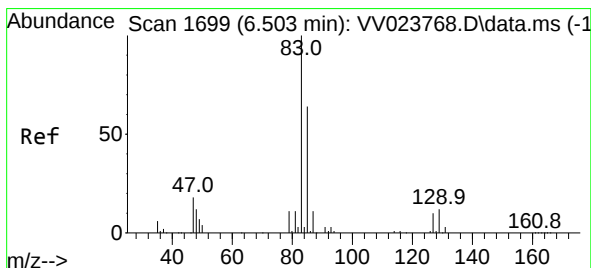
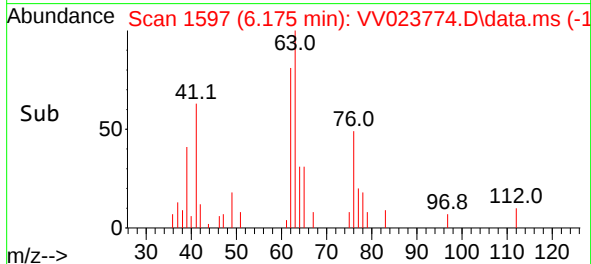
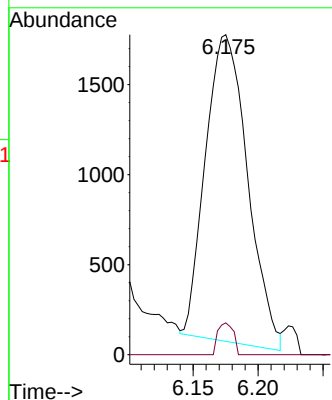
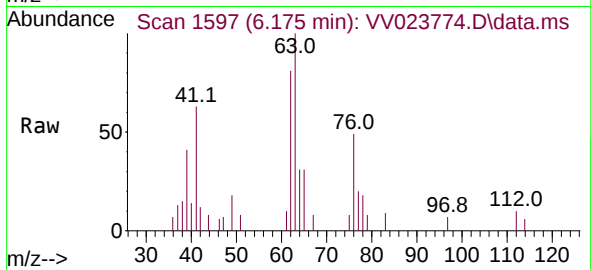
ClientSampleId :

Tgt Ion: 63 Resp: 3834

Ion Ratio Lower Upper

63 100

112 3.8 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.977 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

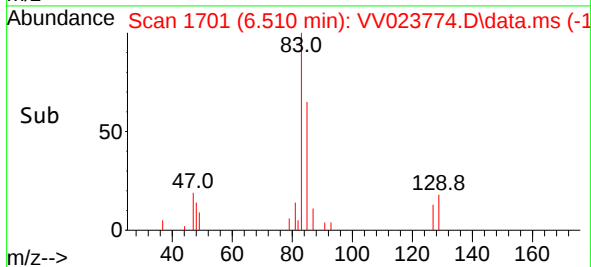
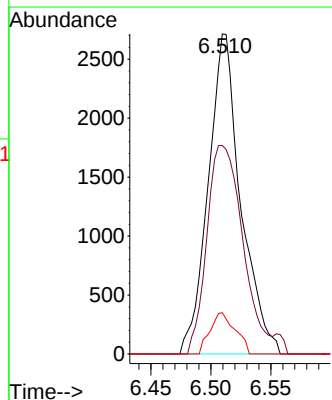
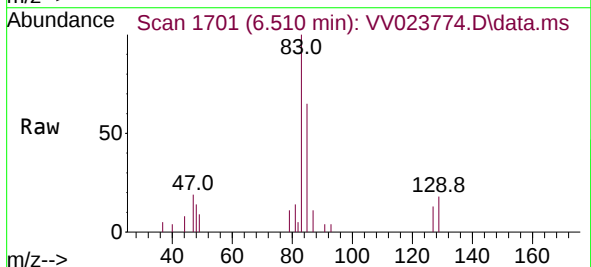
Tgt Ion: 83 Resp: 5121

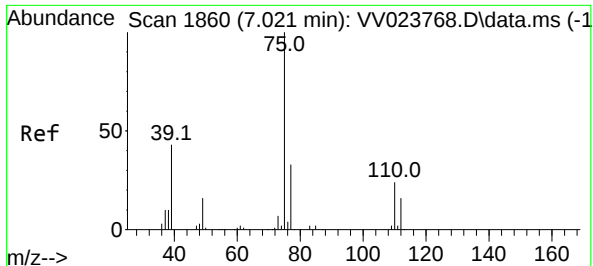
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 12.9 7.5 11.3#





#39

cis-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

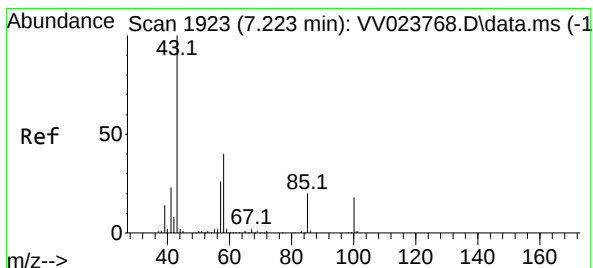
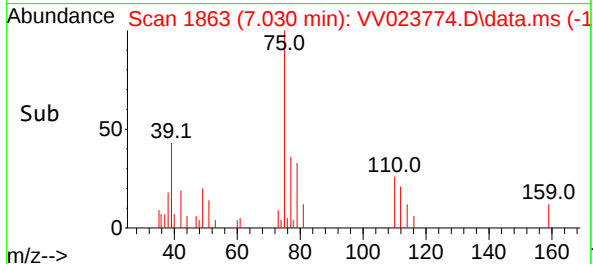
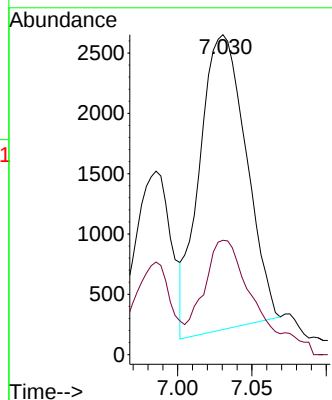
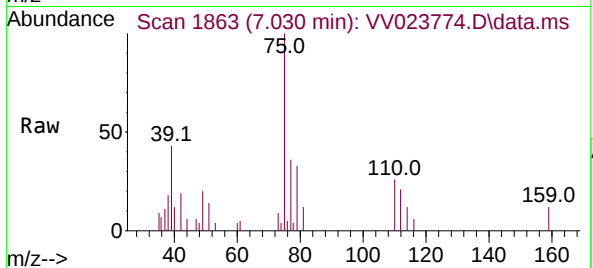
ClientSampleId :

Tgt Ion: 75 Resp: 5338

Ion Ratio Lower Upper

75 100

77 35.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.610 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

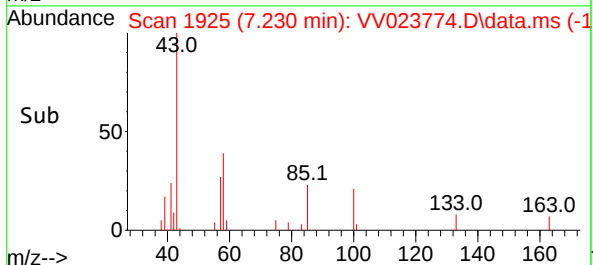
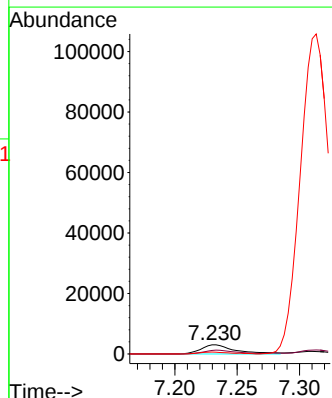
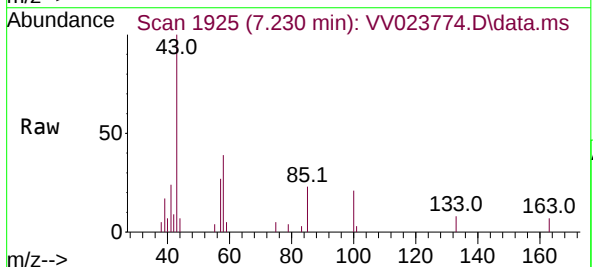
Tgt Ion: 43 Resp: 5765

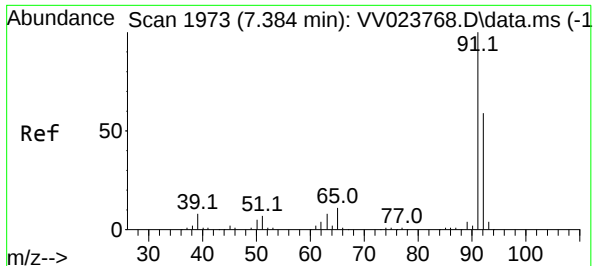
Ion Ratio Lower Upper

43 100

58 39.1 31.6 47.4

100 16.0 13.8 20.6





#42

Toluene

Concen: 1.333 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

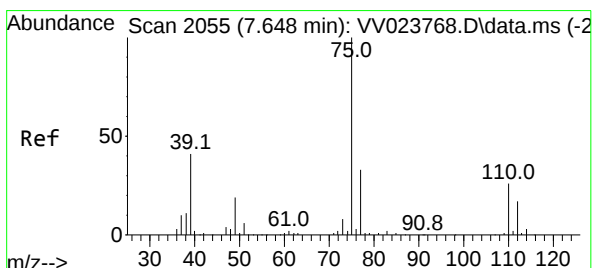
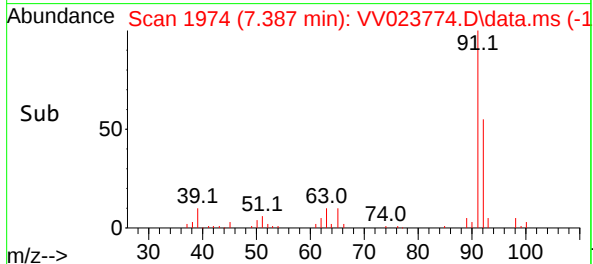
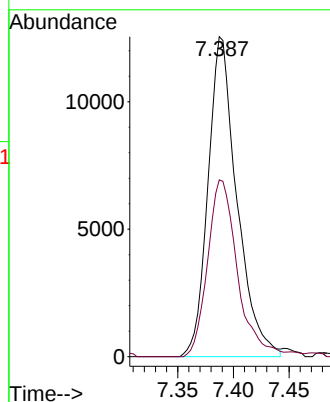
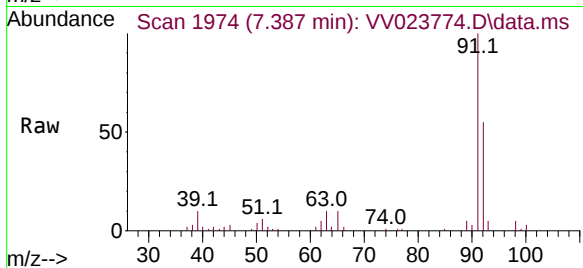
ClientSampleId :

Tgt Ion: 91 Resp: 22587

Ion Ratio Lower Upper

91 100

92 55.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 1.160 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.010 min

Lab File: VV023774.D

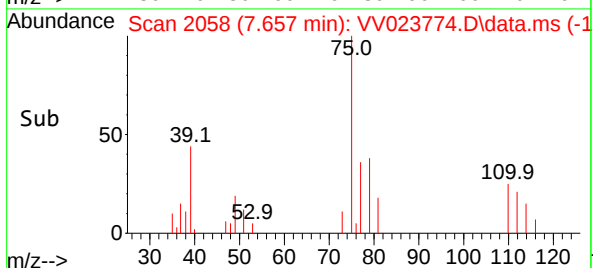
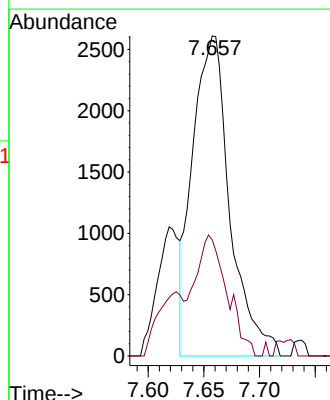
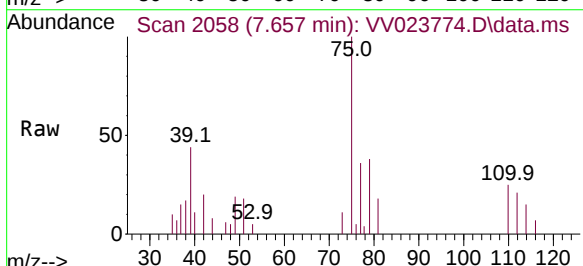
Acq: 02 Dec 2021 14:35

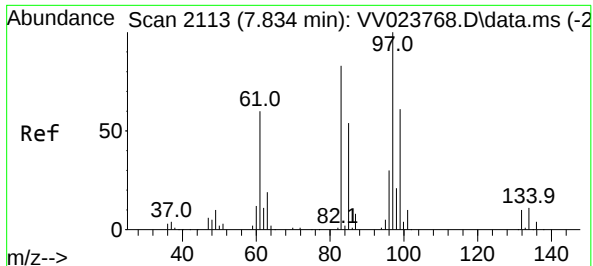
Tgt Ion: 75 Resp: 6088

Ion Ratio Lower Upper

75 100

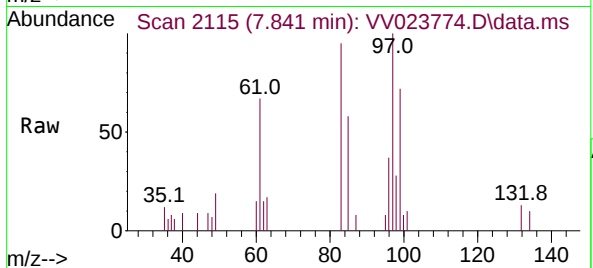
77 36.3 21.5 39.9



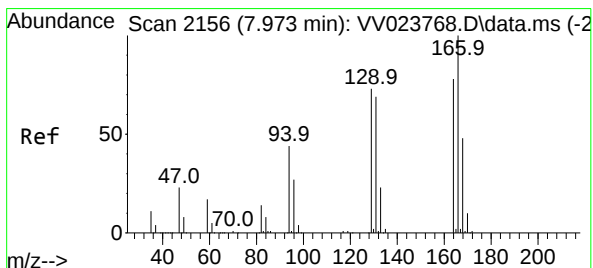
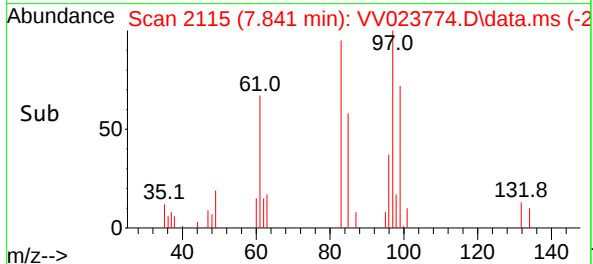
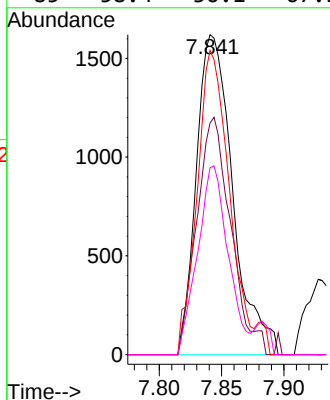


#45
1,1,2-Trichloroethane
Concen: 1.051 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :

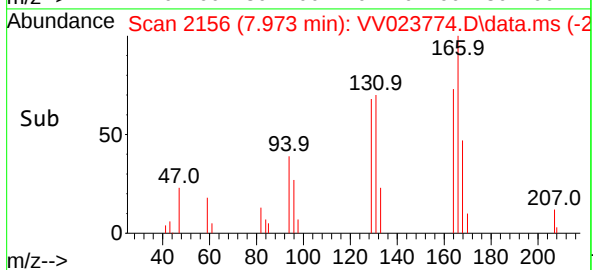
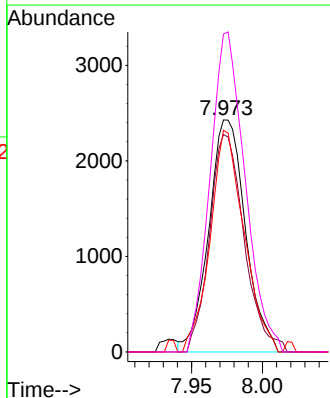
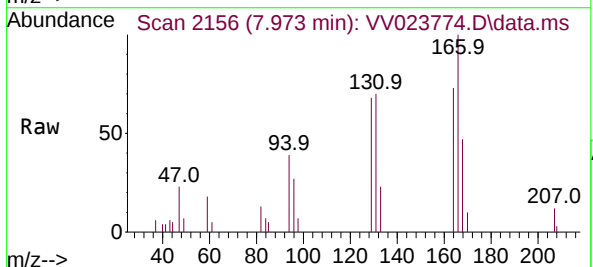


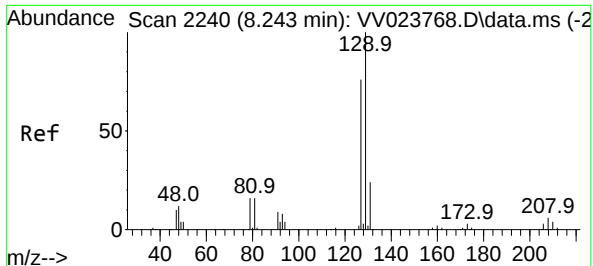
Tgt Ion: 97	Resp: 3292
Ion Ratio	Lower Upper
97 100	
99 72.4	41.8 77.6
83 95.1	55.8 103.6
85 58.4	36.1 67.1



#46
Tetrachloroethene
Concen: 1.153 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt	Ion:164	Resp:	4361
Ion	Ratio	Lower	Upper
164	100		
129	93.8	63.3	117.5
131	95.5	61.8	114.8
166	137.1	92.2	171.2





#49

Dibromochloromethane

Concen: 1.086 ug/L

RT: 8.243 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

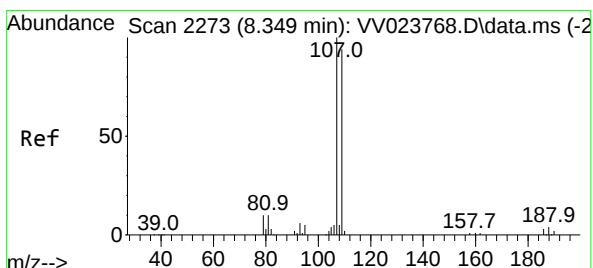
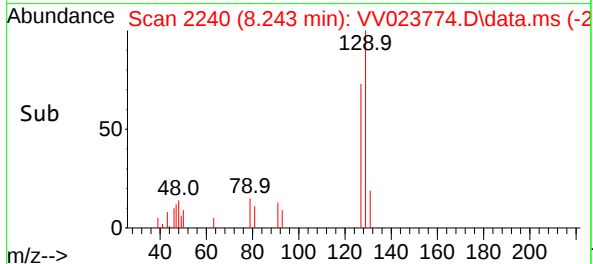
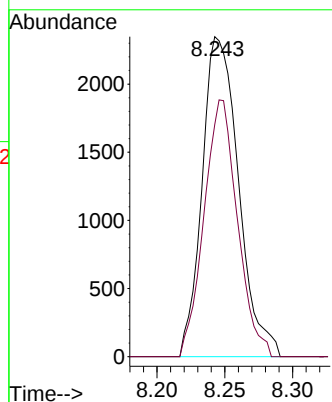
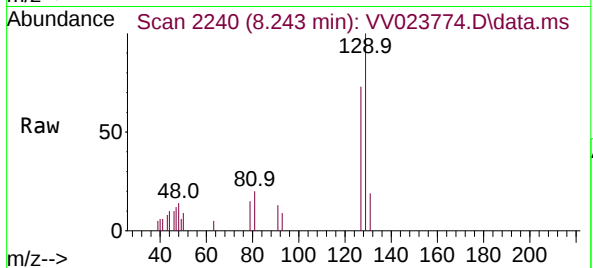
ClientSampleId :

Tgt Ion:129 Resp: 4387

Ion Ratio Lower Upper

129 100

127 72.6 53.1 98.7



#50

1,2-Dibromoethane

Concen: 1.039 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.010 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

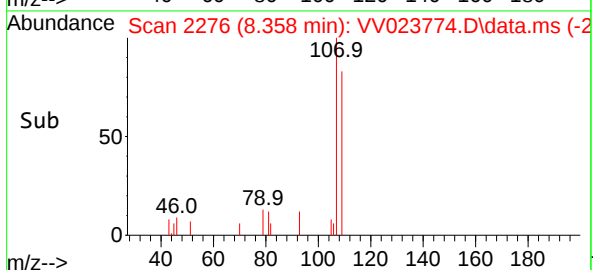
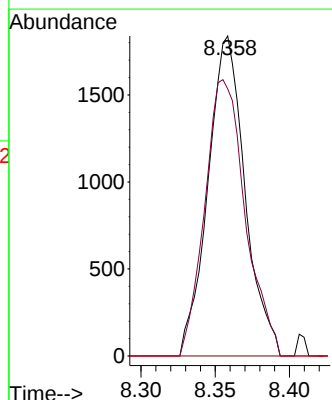
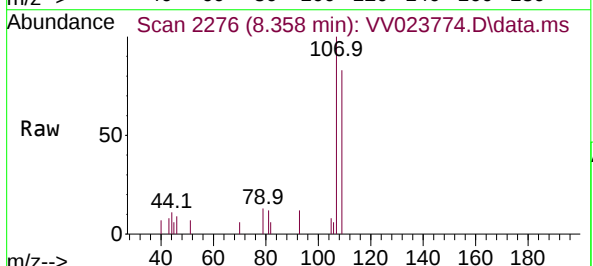
Tgt Ion:107 Resp: 3187

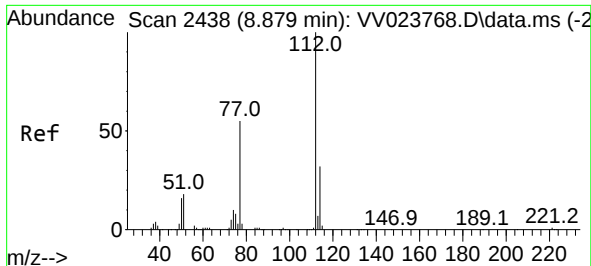
Ion Ratio Lower Upper

107 100

109 83.5 67.8 125.8

188 0.0 3.6 5.4#

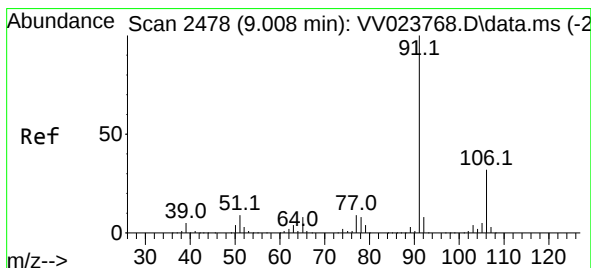
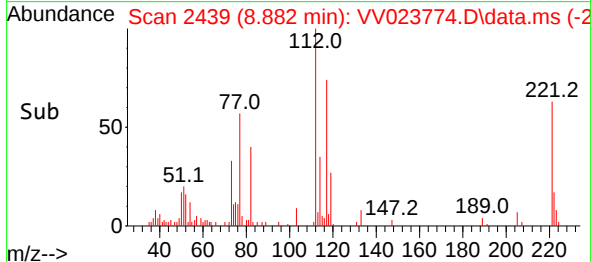
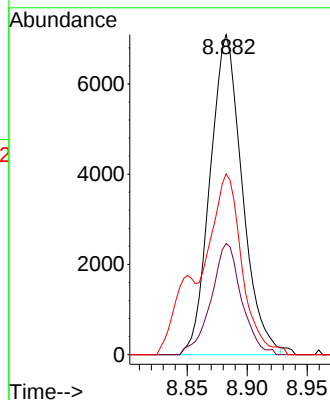
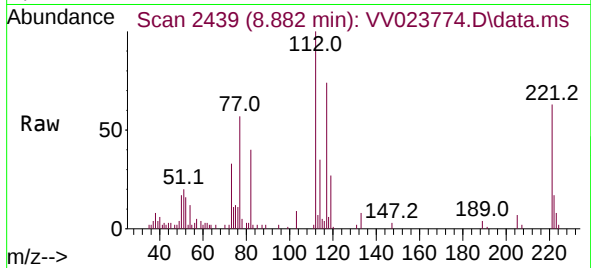




#51
Chlorobenzene
Concen: 1.139 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

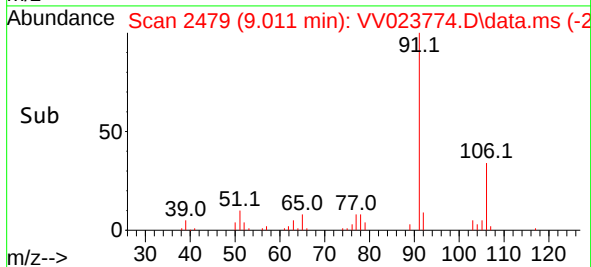
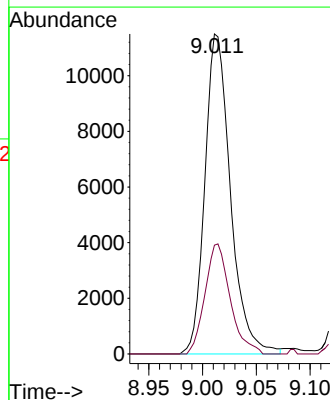
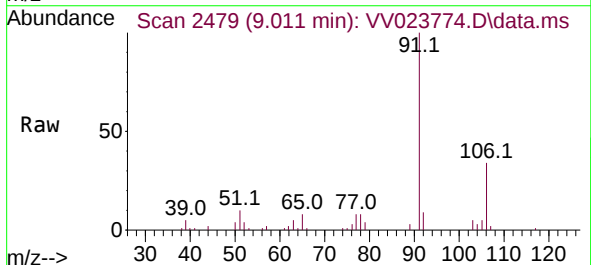
Instrument :
MSVOA_V
ClientSampleId :

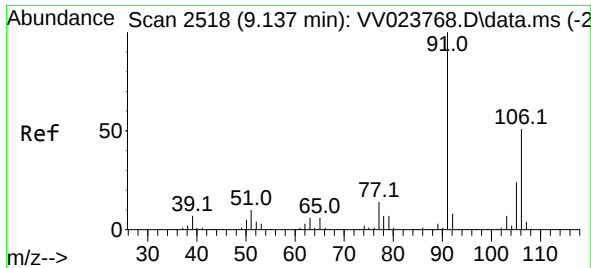
Tgt Ion:112 Resp: 13222
Ion Ratio Lower Upper
112 100
114 34.7 22.6 42.0
77 56.5 43.5 65.3



#52
Ethylbenzene
Concen: 1.042 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 91 Resp: 19034
Ion Ratio Lower Upper
91 100
106 34.0 22.0 40.8

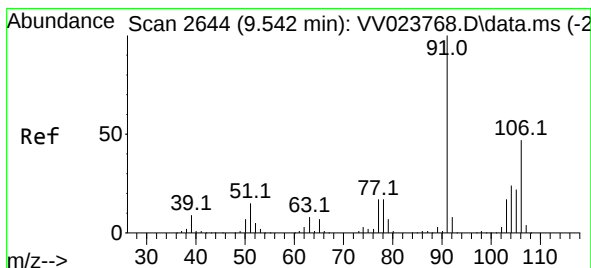
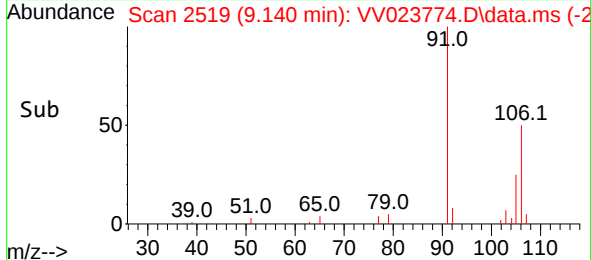
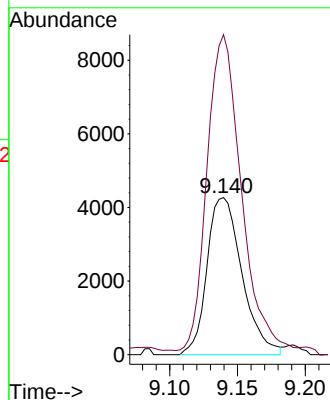
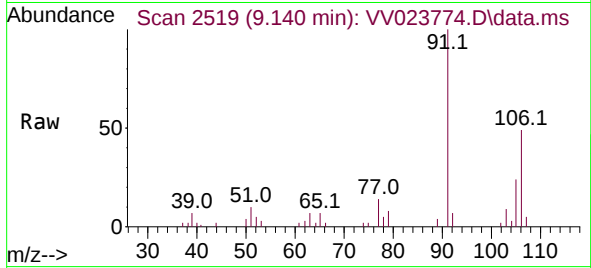




#53
m,p-Xylene
Concen: 1.062 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

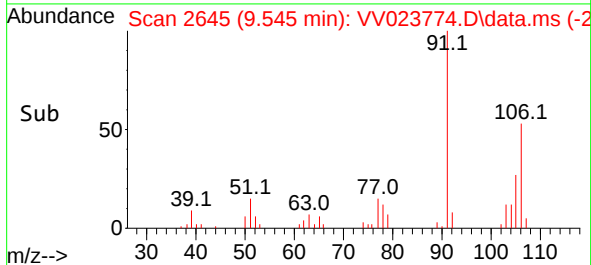
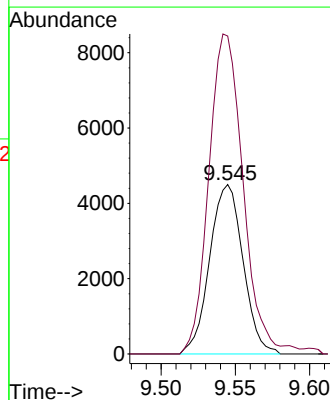
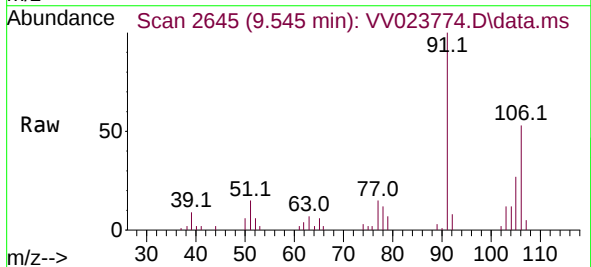
Instrument :
MSVOA_V
ClientSampleId :

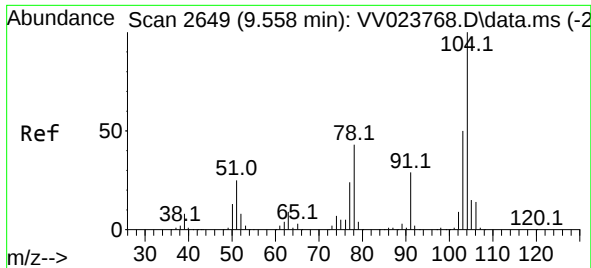
Tgt Ion:106 Resp: 7671
Ion Ratio Lower Upper
106 100
91 203.7 141.7 263.3



#54
o-Xylene
Concen: 1.022 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion:106 Resp: 7035
Ion Ratio Lower Upper
106 100
91 187.7 147.8 274.6

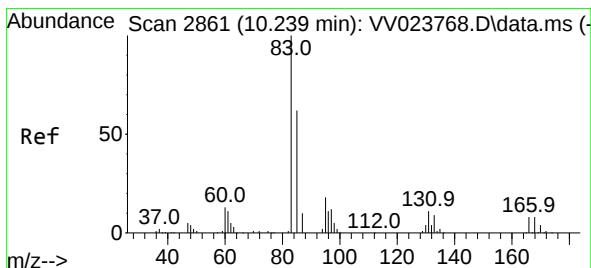
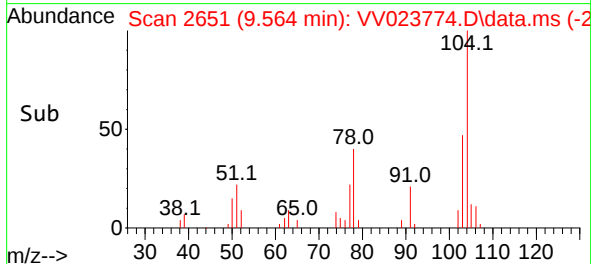
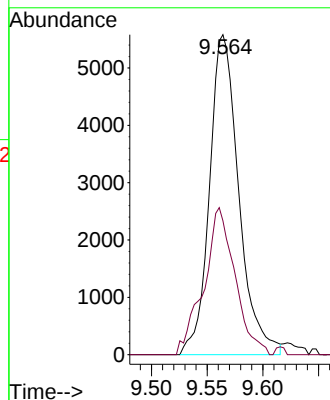
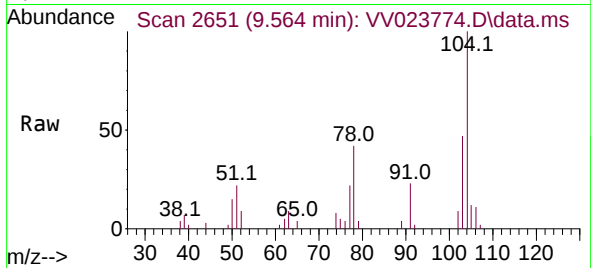




#55
Styrene
Concen: 0.859 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

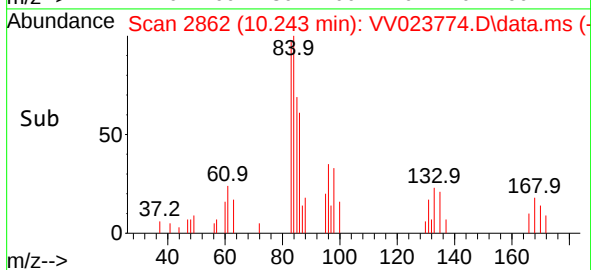
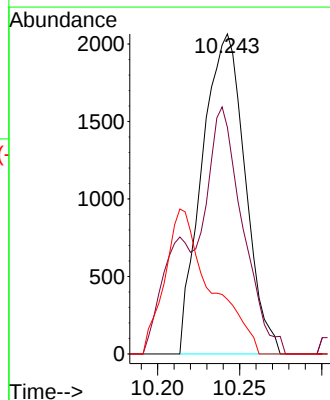
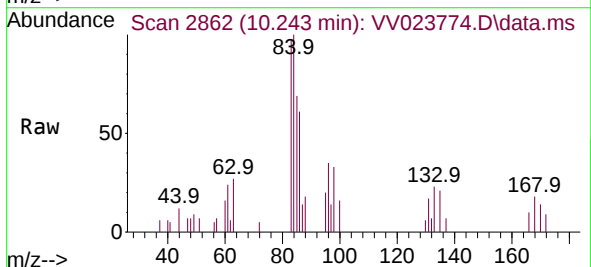
Instrument :
MSVOA_V
ClientSampleId :

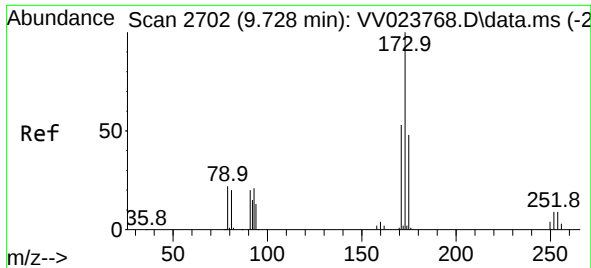
Tgt Ion:104 Resp: 10218
Ion Ratio Lower Upper
104 100
78 41.8 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 1.071 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 83 Resp: 3757
Ion Ratio Lower Upper
83 100
85 70.8 44.4 82.5
131 17.0 8.4 12.6#

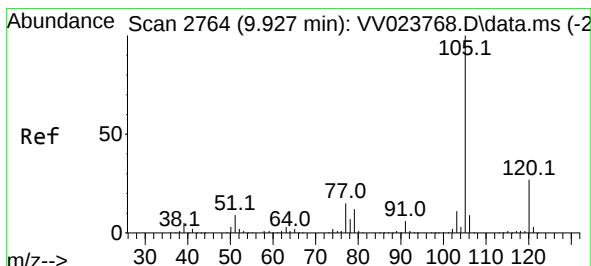
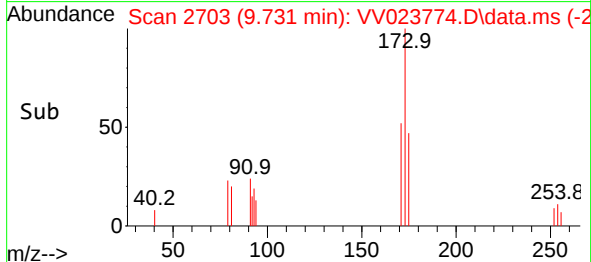
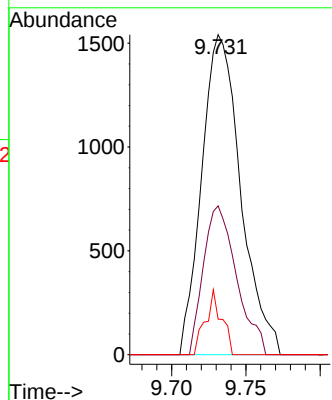
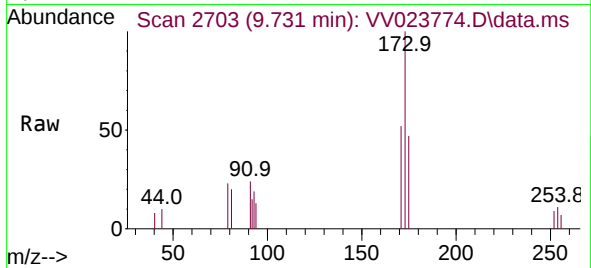




#59
Bromoform
Concen: 1.167 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

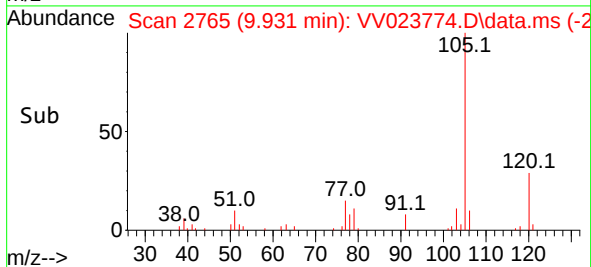
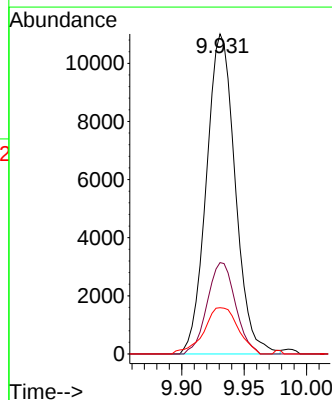
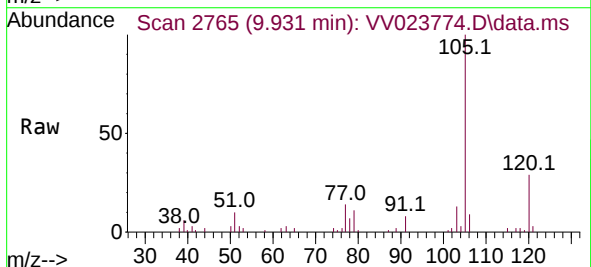
Instrument :
MSVOA_V
ClientSampleId :

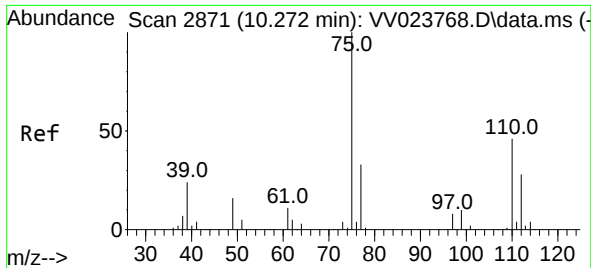
Tgt Ion:173 Resp: 2818
Ion Ratio Lower Upper
173 100
175 39.5 0.0 0.0#
254 7.5 0.0 0.0#



#60
Isopropylbenzene
Concen: 0.986 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion:105 Resp: 17731
Ion Ratio Lower Upper
105 100
120 28.0 21.6 32.4
77 17.2 11.9 17.9

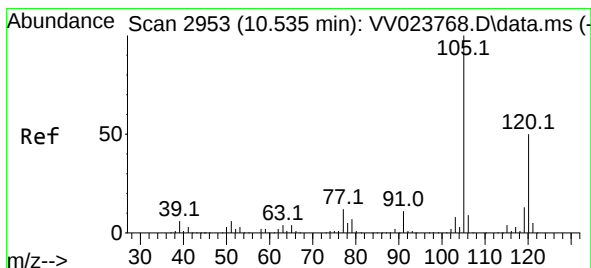
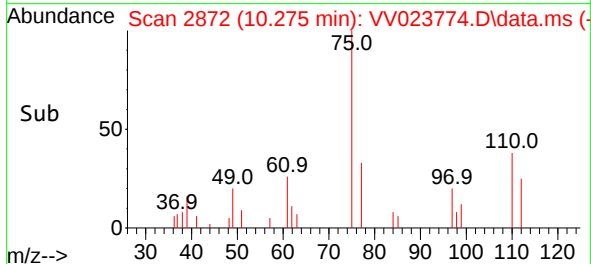
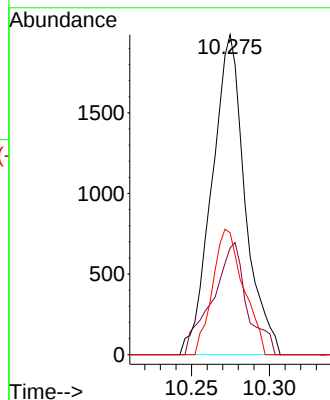
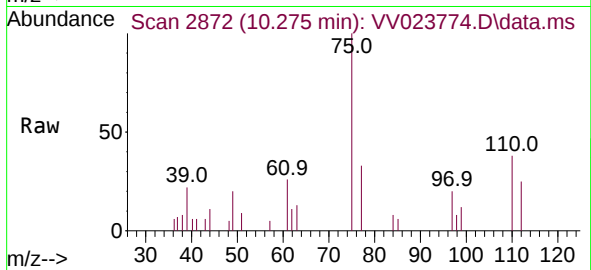




#61
1,2,3-Trichloropropane
Concen: 1.128 ug/L
RT: 10.275 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

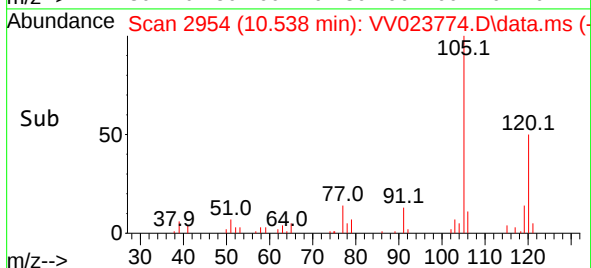
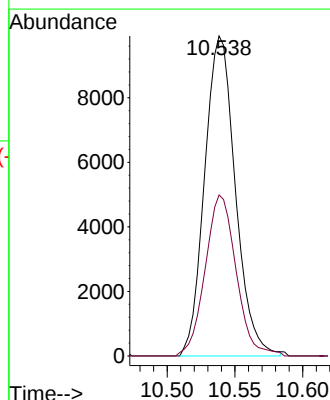
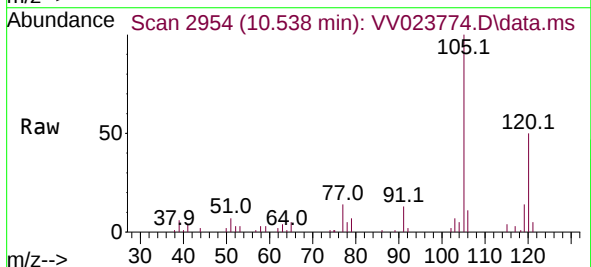
Instrument :
MSVOA_V
ClientSampleId :

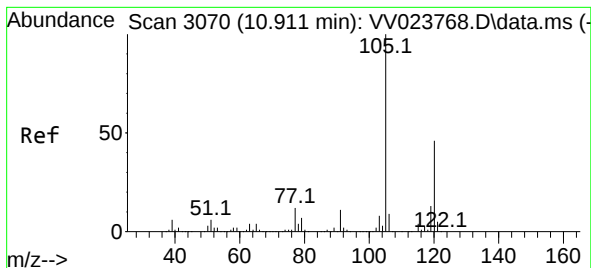
Tgt Ion: 75 Resp: 2931
Ion Ratio Lower Upper
75 100
77 36.5 27.0 40.6
110 36.6 33.7 50.5



#62
1,3,5-Trimethylbenzene
Concen: 0.997 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

Tgt Ion: 105 Resp: 15633
Ion Ratio Lower Upper
105 100
120 50.6 40.0 60.0





#63

1,2,4-Trimethylbenzene

Concen: 1.066 ug/L

RT: 10.915 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

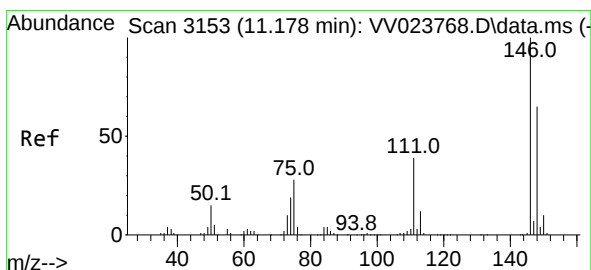
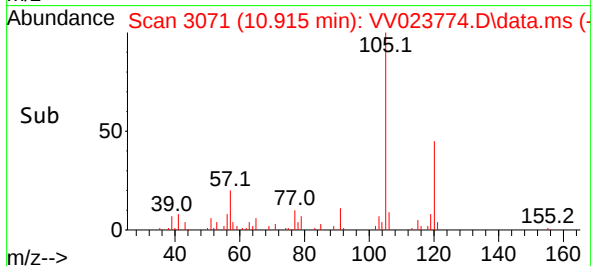
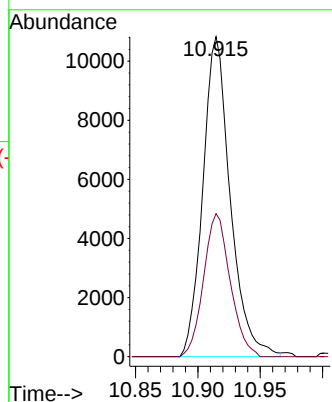
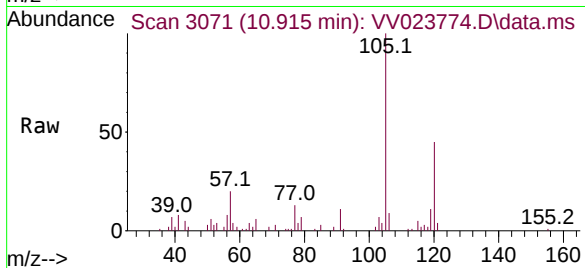
ClientSampleId :

Tgt Ion:105 Resp: 16569

Ion Ratio Lower Upper

105 100

120 43.4 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 1.084 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

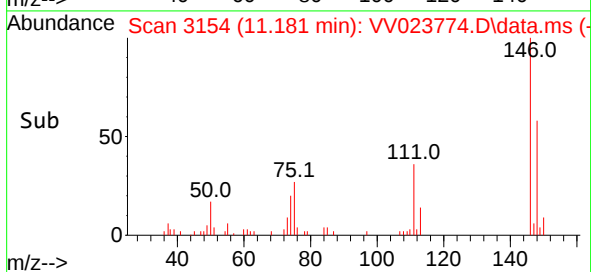
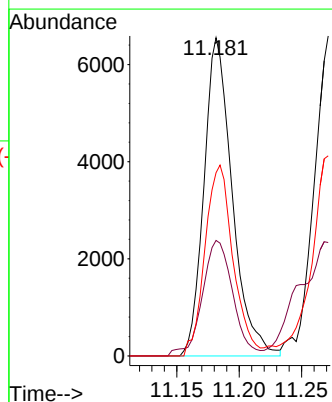
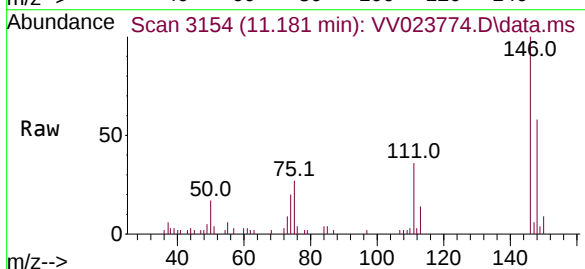
Tgt Ion:146 Resp: 10352

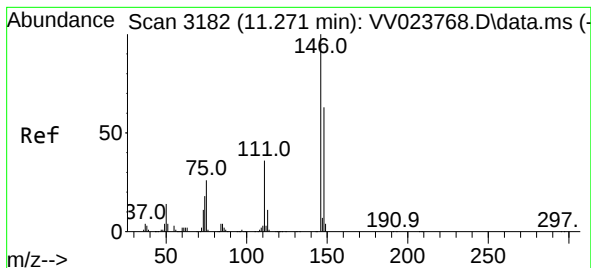
Ion Ratio Lower Upper

146 100

111 36.3 26.2 48.8

148 57.6 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 1.139 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV023774.D

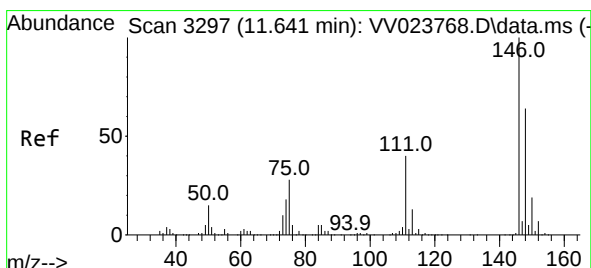
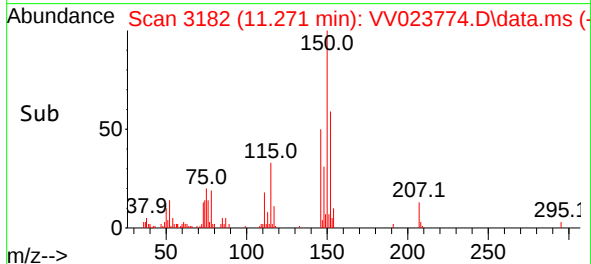
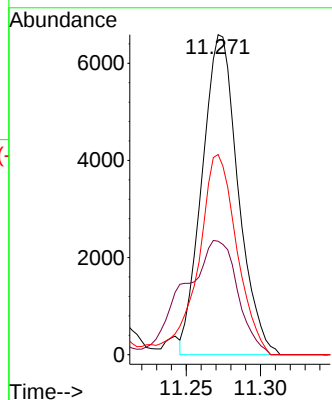
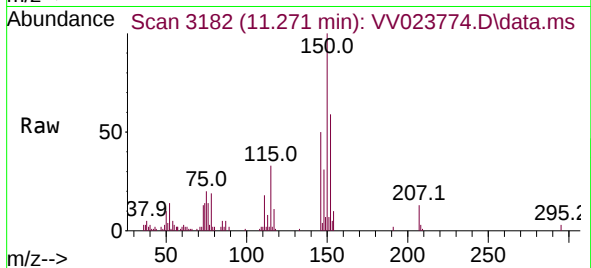
Acq: 02 Dec 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	11111
Ion Ratio	Lower	Upper
146	100	
111	35.5	25.4 47.2
148	62.5	43.8 81.4



#67

1,2-Dichlorobenzene

Concen: 1.163 ug/L

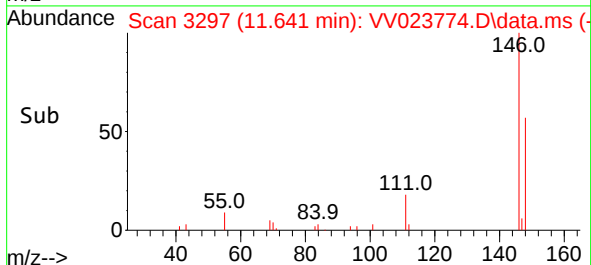
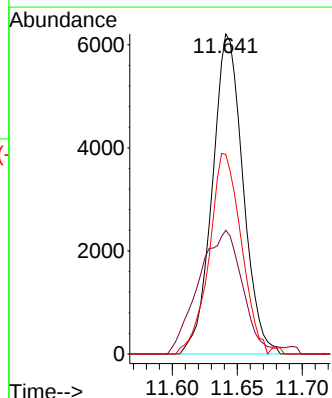
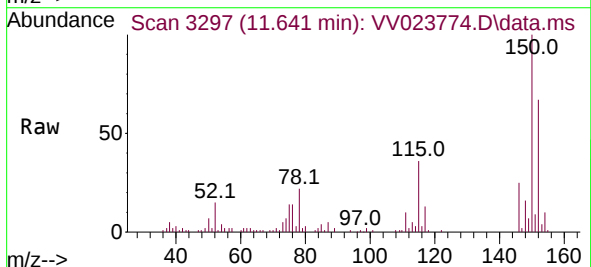
RT: 11.641 min Scan# 3297

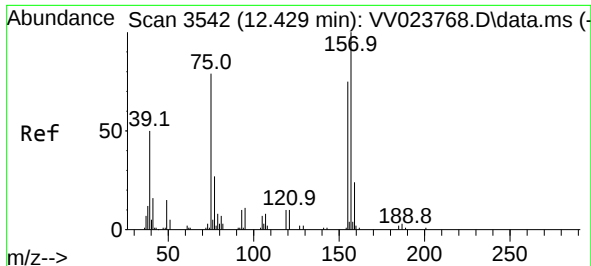
Delta R.T. -0.000 min

Lab File: VV023774.D

Acq: 02 Dec 2021 14:35

Tgt Ion:146	Resp:	10175
Ion Ratio	Lower	Upper
146	100	
111	38.6	31.4 47.0
148	62.4	51.1 76.7

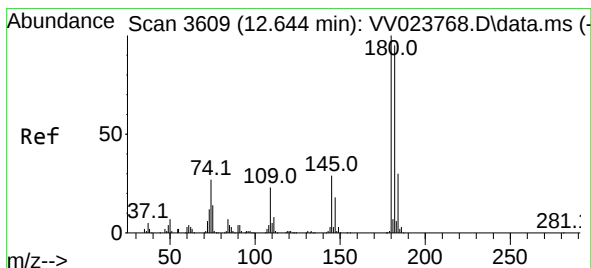
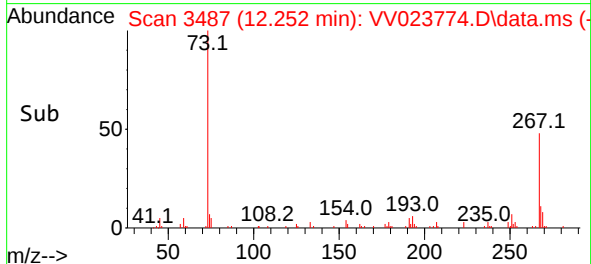
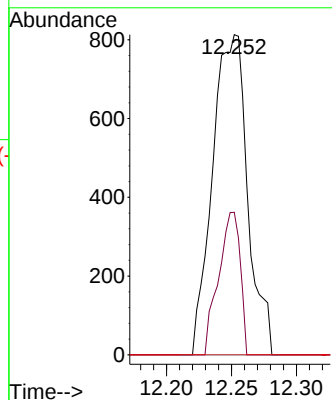
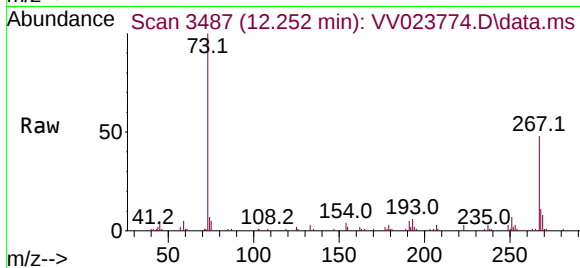




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.419 ug/L
 RT: 12.252 min Scan# 341
 Delta R.T. -0.177 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

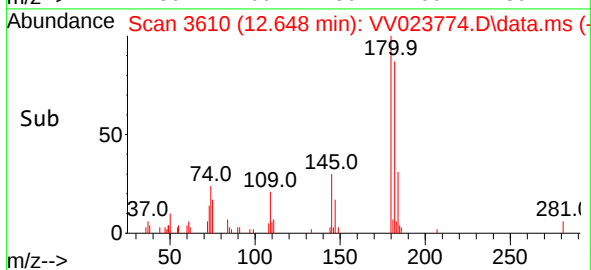
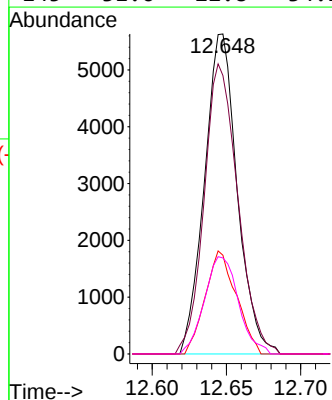
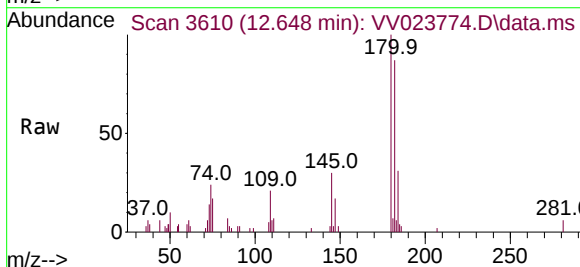
Instrument :
 MSVOA_V
 ClientSampleId :

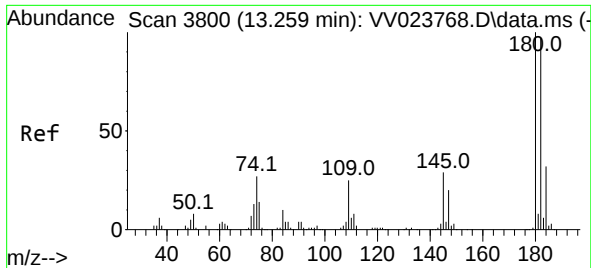
Tgt Ion: 75 Resp: 1526
 Ion Ratio Lower Upper
 75 100
 155 44.5 71.0 106.4#
 157 0.0 90.1 135.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 1.146 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Tgt Ion: 180 Resp: 8644
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.8 113.8
 184 30.6 23.8 35.8
 145 31.6 22.8 34.2

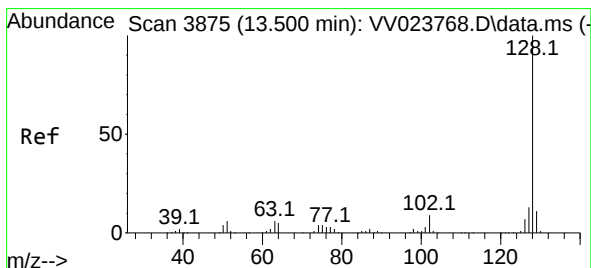
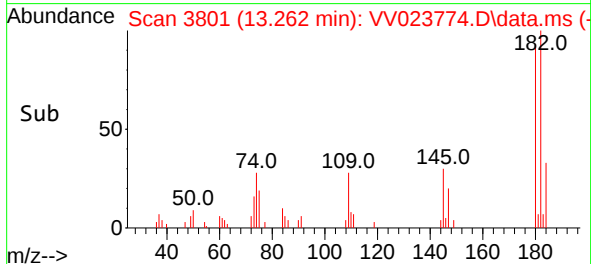
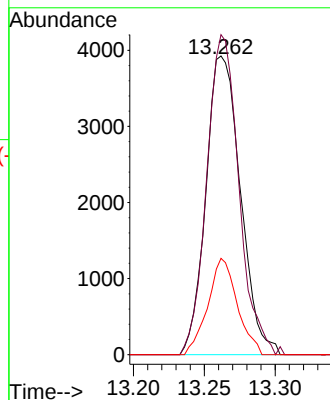
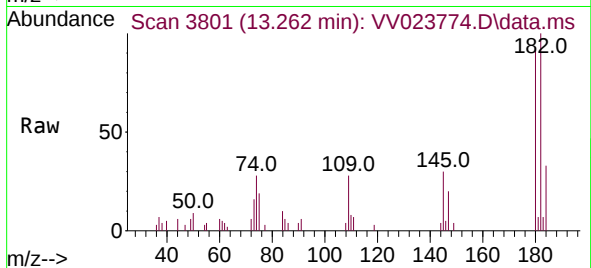




#70
1,2,4-trichlorobenzene
Concen: 1.088 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

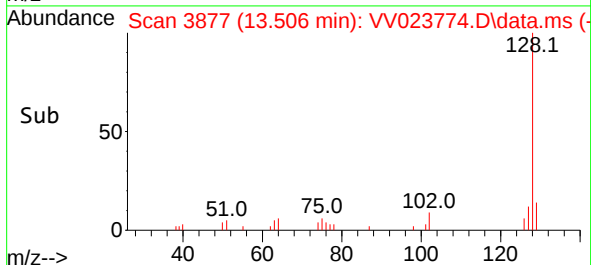
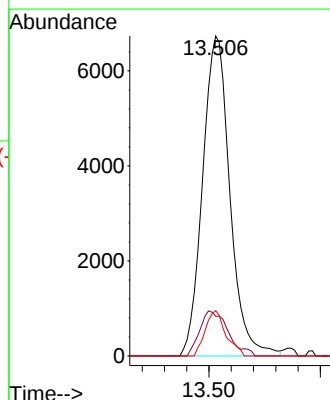
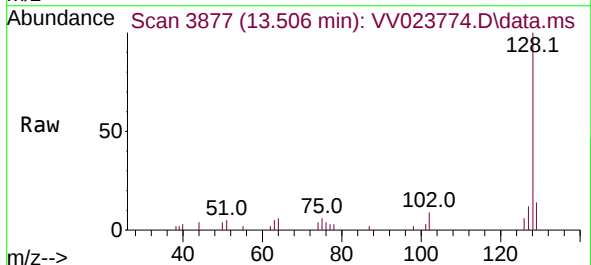
Instrument :
MSVOA_V
ClientSampleId :

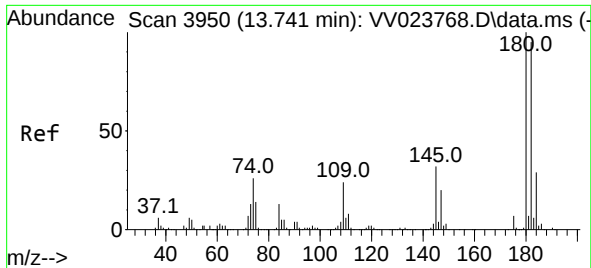
Tgt Ion:180 Resp: 6668
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.4
145 27.5 24.3 36.5



#71
Naphthalene
Concen: 1.054 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV023774.D
Acq: 02 Dec 2021 14:35

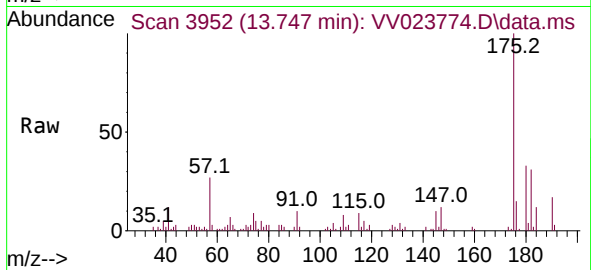
Tgt Ion:128 Resp: 11469
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 10.6 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.033 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV023774.D
 Acq: 02 Dec 2021 14:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5714
Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.2	114.2
145	36.3	25.6	38.4

