

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023762.D
 Acq On : 01 Dec 2021 19:49
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 00:49:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	285468	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	281882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	159840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17172	4.386	ug/L	0.00
7) Chloroethane-d5	1.567	69	14180	4.293	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	35406	5.113	ug/L	0.00
21) 2-Butanone-d5	3.928	46	2615	1.957	ug/L	0.02
24) Chloroform-d	4.352	84	37925	5.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	21580	5.068	ug/L	0.00
32) Benzene-d6	5.050	84	72470	4.795	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	20836	4.448	ug/L	0.00
41) Toluene-d8	7.316	98	68864	4.980	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	9189	4.616	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	7319	7.603	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19486	4.516	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	30683	5.144	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	30220	9.127	ug/L	98
3) Chloromethane	1.243	50	25861	6.563	ug/L	98
5) Vinyl chloride	1.310	62	24209	6.013	ug/L	100
6) Bromomethane	1.522	94	15477	5.875	ug/L	93
8) Chloroethane	1.584	64	14941	5.802	ug/L	93
9) Trichlorofluoromethane	1.754	101	37990	6.682	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	18893	5.394	ug/L	97
12) 1,1-Dichloroethene	2.117	96	18367	5.588	ug/L	91
13) Acetone	2.198	43	11178	7.869	ug/L	81
14) Carbon disulfide	2.291	76	63827	6.126	ug/L	99
15) Methyl Acetate	2.442	43	8388	3.774	ug/L #	81
16) Methylene chloride	2.506	84	30408	6.459	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	21148	5.436	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	47472	4.956	ug/L	99
19) 1,1-Dichloroethane	3.188	63	34415	4.920	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	20704	4.838	ug/L	97
23) Bromochloromethane	4.252	128	10932	5.168	ug/L	96
25) Chloroform	4.378	83	38208	5.181	ug/L	96
27) 1,2-Dichloroethane	5.133	62	23877	4.737	ug/L	98
29) Cyclohexane	4.677	56	30392	4.971	ug/L	96
30) 1,1,1-Trichloroethane	4.606	97	35126	5.909	ug/L	98
31) Carbon tetrachloride	4.828	117	31205	5.797	ug/L	98
33) Benzene	5.101	78	79693	4.966	ug/L	100
34) Trichloroethene	5.918	95	22273	5.103	ug/L	97
35) Methylcyclohexane	6.130	83	33583	4.903	ug/L	97
37) 1,2-Dichloropropane	6.175	63	18368	4.530	ug/L	100
38) Bromodichloromethane	6.513	83	26032	4.829	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	27499	4.501	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	22009	7.049	ug/L	96
42) Toluene	7.387	91	85611	4.983	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	25557	4.951	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	16329	4.735	ug/L	94

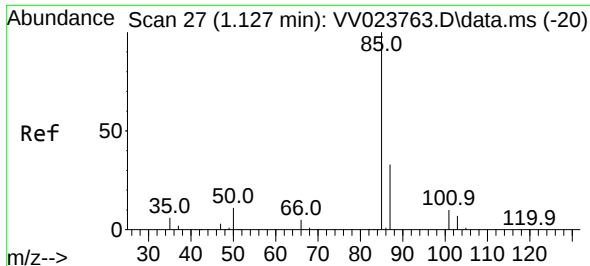
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 Data File : VV023762.D
 Acq On : 01 Dec 2021 19:49
 Operator : SY/MD
 Sample : VSTD00502
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
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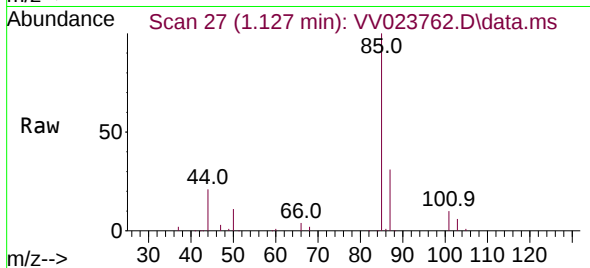
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.976	164	20190	5.548	ug/L	94
48) 2-Hexanone	8.146	43	14136	6.280	ug/L	97
49) Dibromochloromethane	8.246	129	20665	5.148	ug/L	98
50) 1,2-Dibromoethane	8.355	107	16173	4.772	ug/L	95
51) Chlorobenzene	8.882	112	60271	5.172	ug/L	98
52) Ethylbenzene	9.011	91	91393	4.865	ug/L	99
53) m,p-Xylene	9.140	106	35862	4.978	ug/L	93
54) o-Xylene	9.545	106	33407	4.835	ug/L	96
55) Styrene	9.561	104	59087	4.890	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	18788	4.541	ug/L #	95
59) Bromoform	9.731	173	12841	4.764	ug/L #	100
60) Isopropylbenzene	9.931	105	93436	4.899	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	13918	4.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	76595	4.926	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	75757	4.861	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	52112	5.192	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	52993	5.020	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	47529	4.979	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	3434	4.473	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	41057	5.089	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	32208	4.698	ug/L	98
71) Naphthalene	13.503	128	52567	4.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	29752	4.536	ug/L	99

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

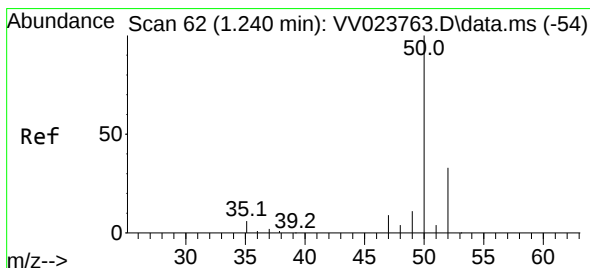
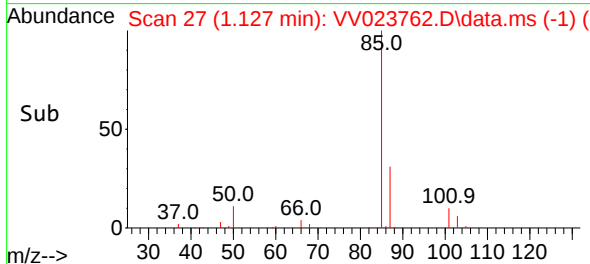
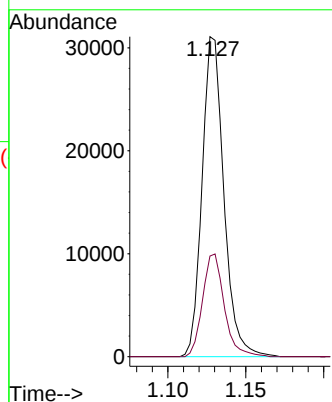


#2
 Dichlorodifluoromethane
 Concen: 9.127 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Instrument :
 MSVOA_V
 ClientSampleId :

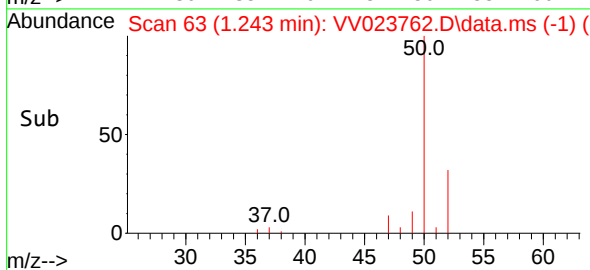
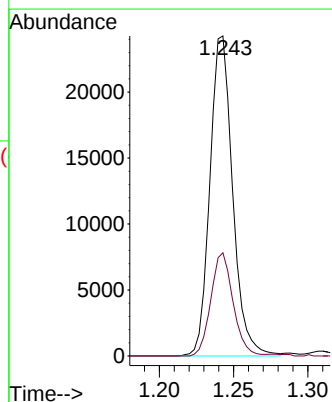
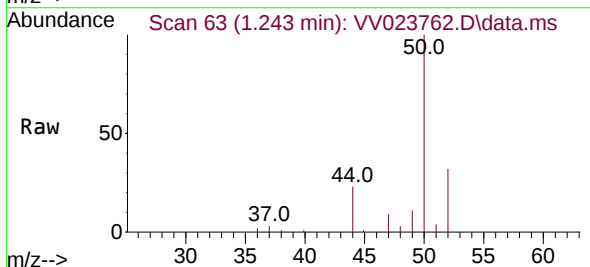


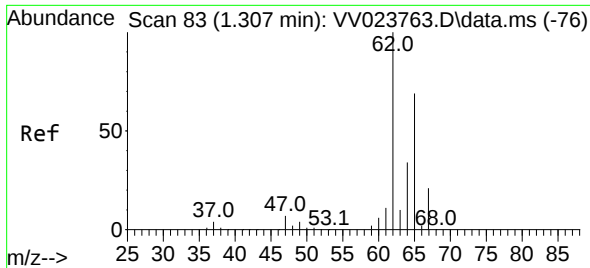
Tgt Ion: 85 Resp: 30220
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0



#3
 Chloromethane
 Concen: 6.563 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Tgt Ion: 50 Resp: 25861
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.3 43.3

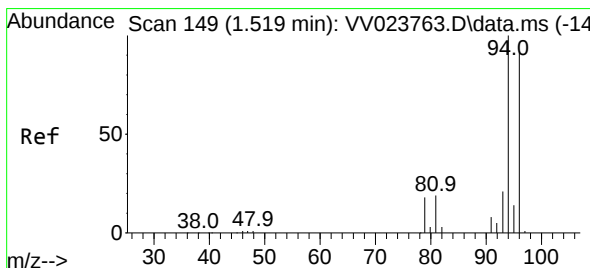
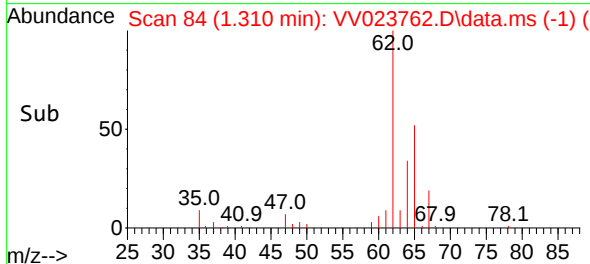
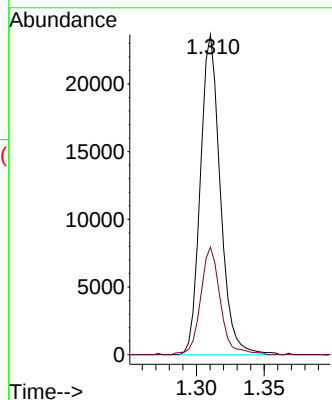
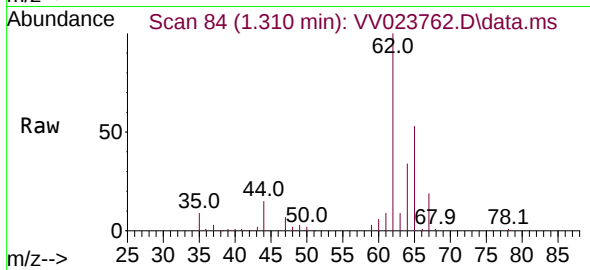




#5
 Vinyl chloride
 Concen: 6.013 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

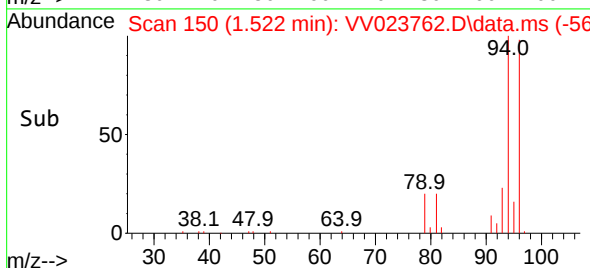
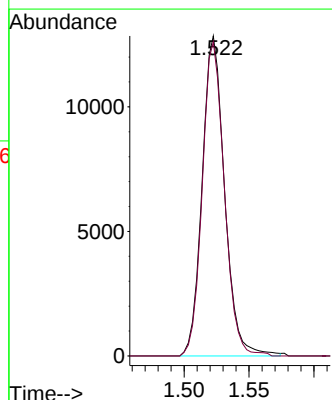
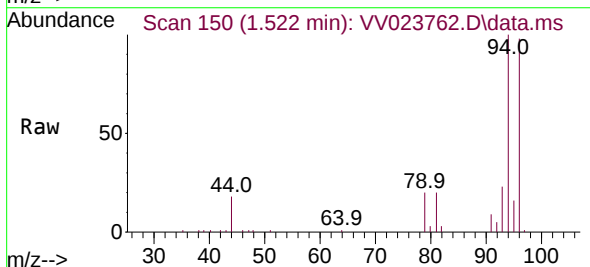
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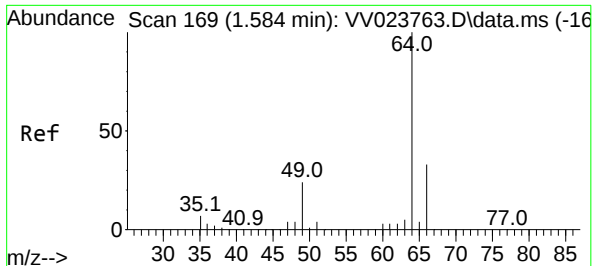
Tgt Ion: 62 Resp: 24209
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 5.875 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Tgt Ion: 94 Resp: 15477
 Ion Ratio Lower Upper
 94 100
 96 98.1 64.1 119.1

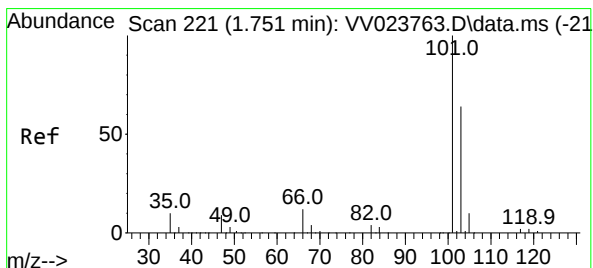
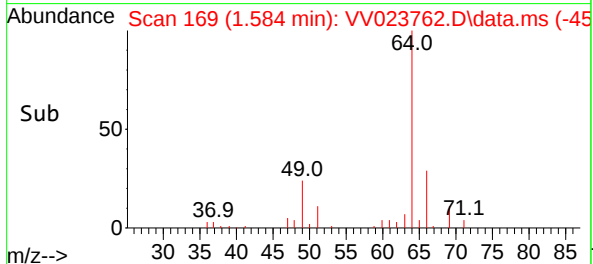
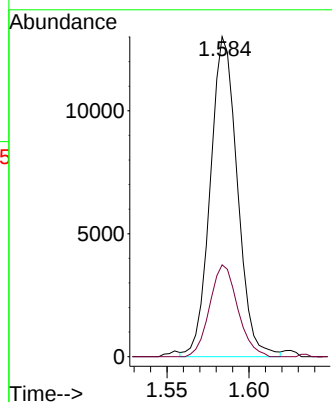
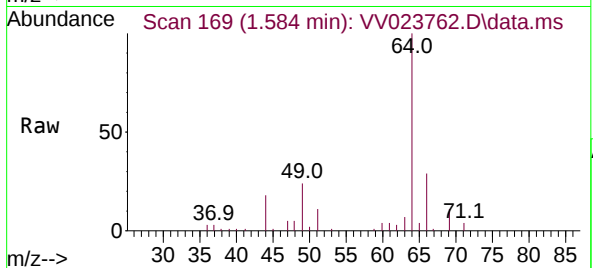




#8
Chloroethane
Concen: 5.802 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

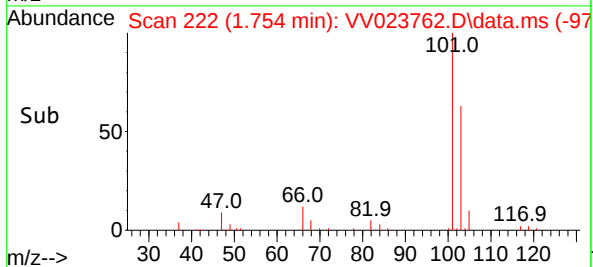
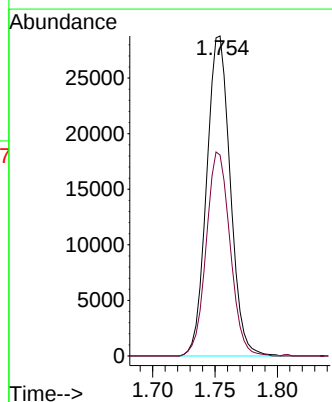
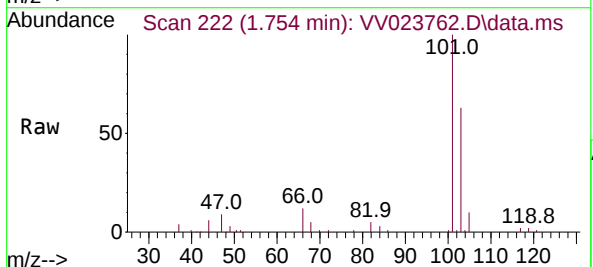
Instrument :
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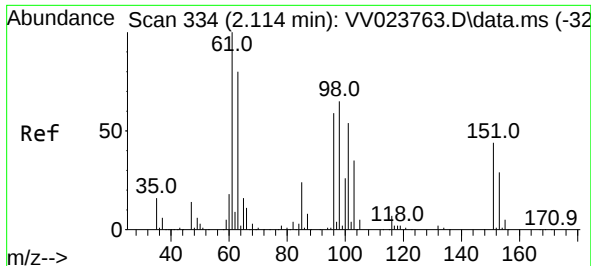
Tgt Ion: 64 Resp: 14941
Ion Ratio Lower Upper
64 100
66 28.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 6.682 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion:101 Resp: 37990
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

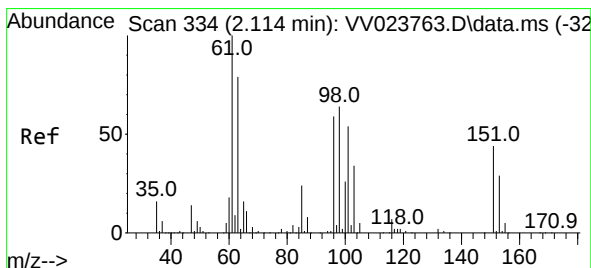
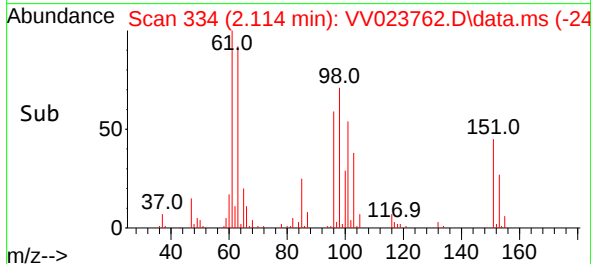
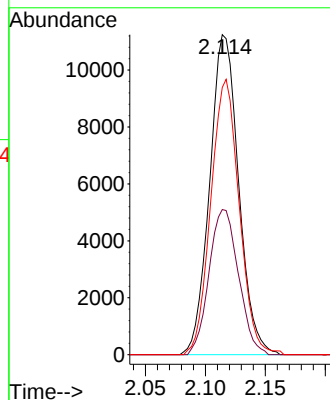
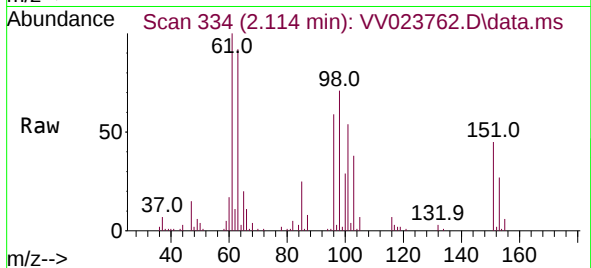




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.394 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

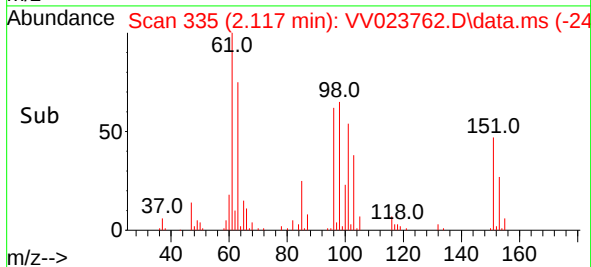
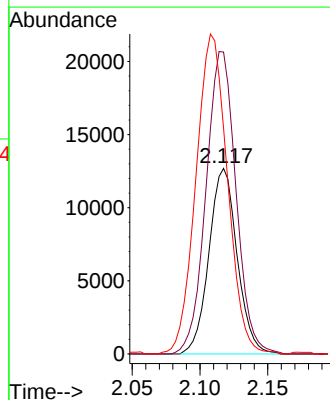
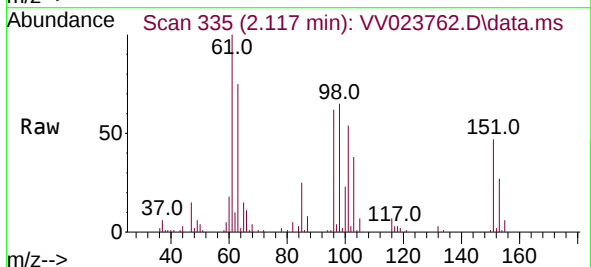
Instrument :
 MSVOA_V
 ClientSampleId :

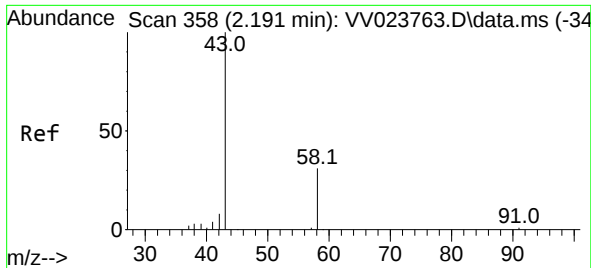
Tgt Ion:101 Resp: 18893
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.1 52.7
 151 84.0 65.6 98.4



#12
 1,1-Dichloroethene
 Concen: 5.588 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Tgt Ion: 96 Resp: 18367
 Ion Ratio Lower Upper
 96 100
 61 162.6 119.4 221.8
 63 121.7 95.4 177.2





#13

Acetone

Concen: 7.869 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

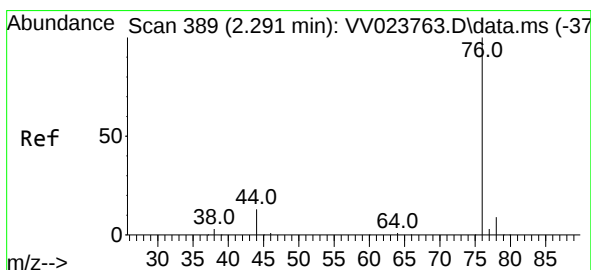
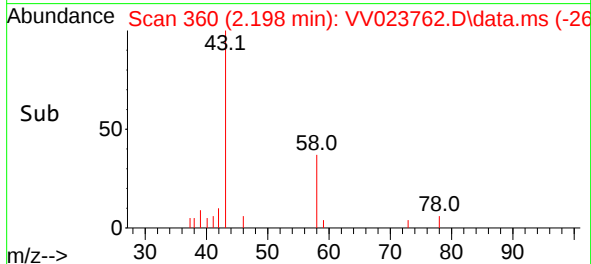
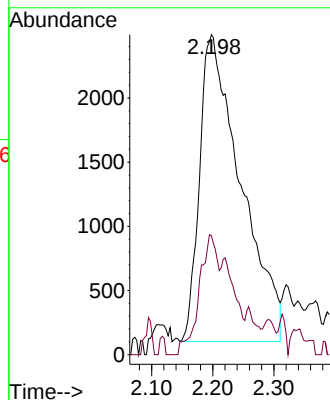
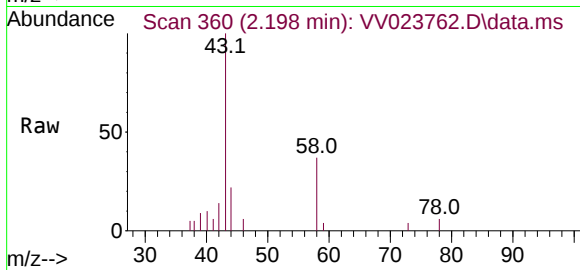
ClientSampleId :

Tgt Ion: 43 Resp: 11178

Ion Ratio Lower Upper

43 100

58 2.0 0.0 17.8



#14

Carbon disulfide

Concen: 6.126 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV023762.D

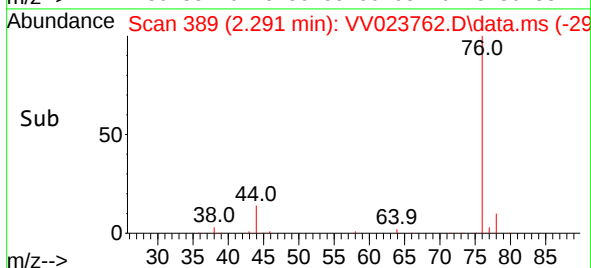
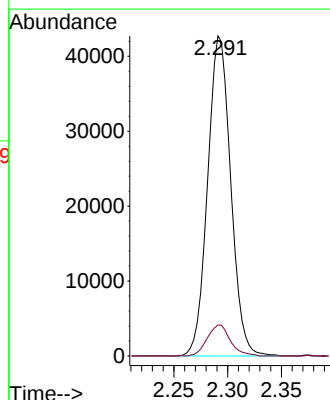
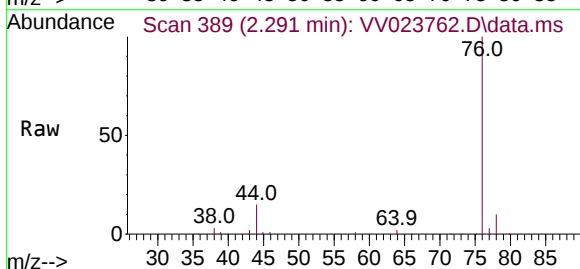
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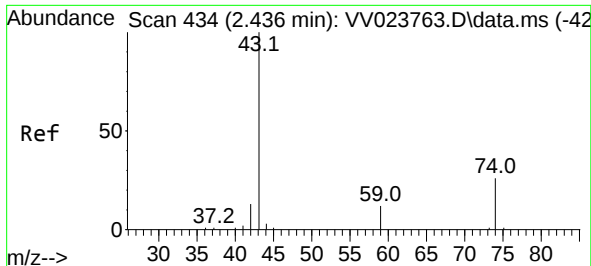
Tgt Ion: 76 Resp: 63827

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

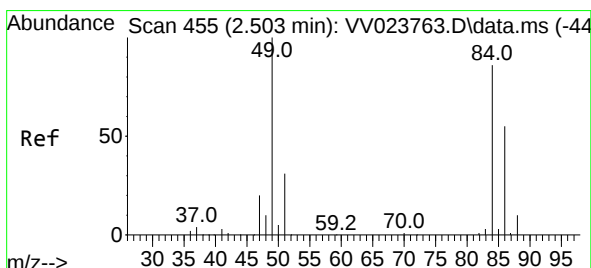
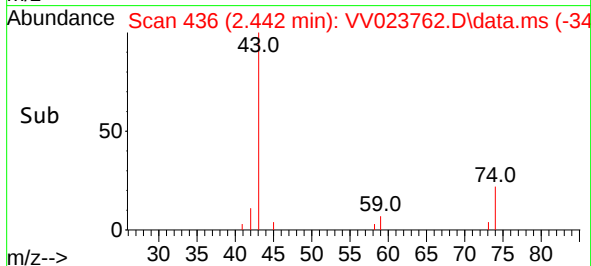
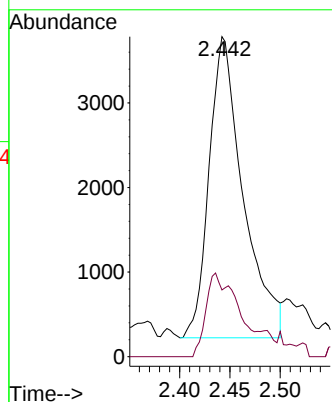
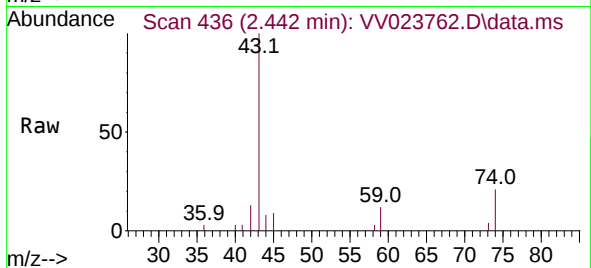




#15
Methyl Acetate
Concen: 3.774 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

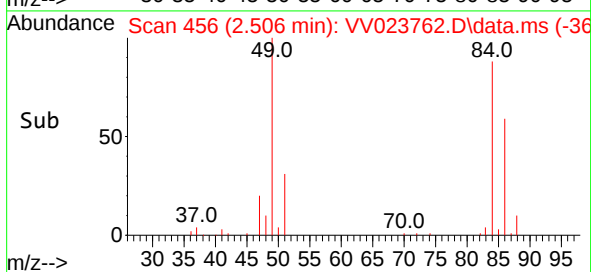
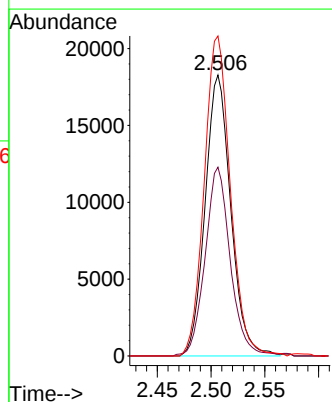
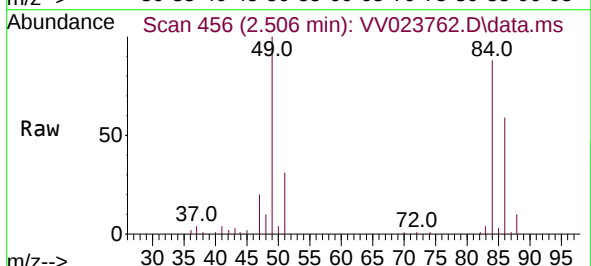
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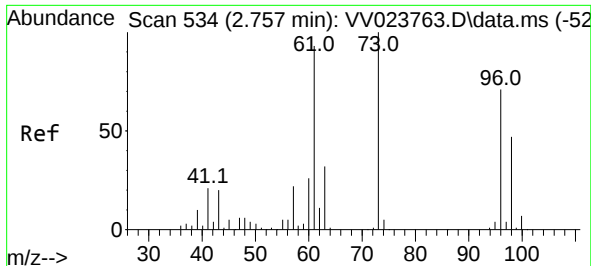
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Ion Ratio Lower Upper
43 100
74 12.7 17.6 26.4#



#16
Methylene chloride
Concen: 6.459 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 84 Resp: 30408
Ion Ratio Lower Upper
84 100
86 67.2 45.3 84.1
49 113.9 81.8 152.0

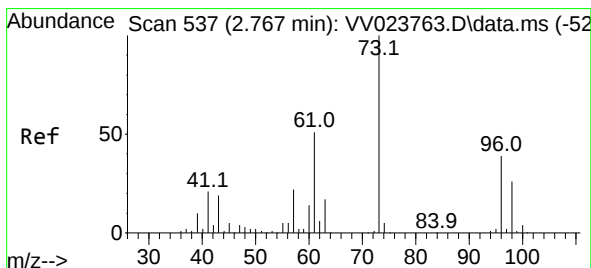
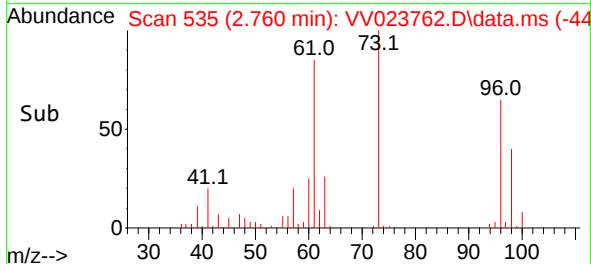
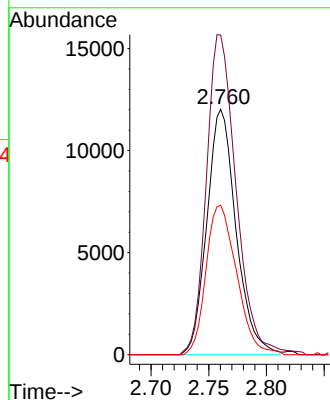
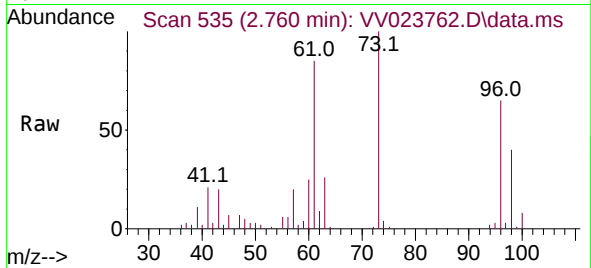




#17
trans-1,2-Dichloroethene
Concen: 5.436 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

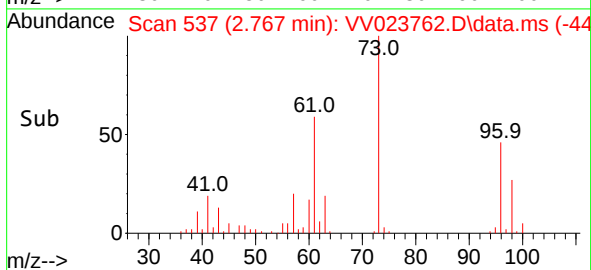
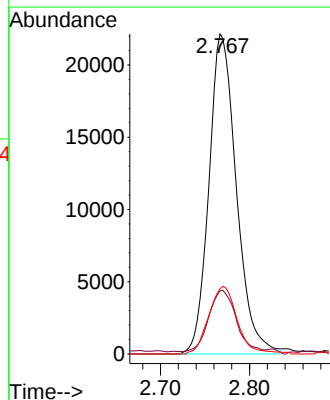
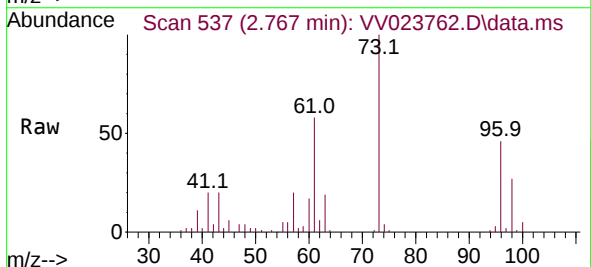
Instrument :
MSVOA_V
ClientSampleId :

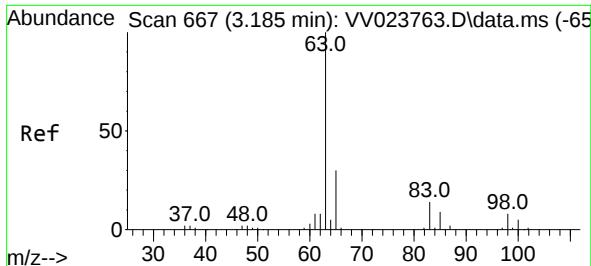
Tgt Ion: 96 Resp: 21148
Ion Ratio Lower Upper
96 100
61 130.2 91.0 169.0
98 60.9 45.9 85.3



#18
Methyl tert-butyl Ether
Concen: 4.956 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 73 Resp: 47472
Ion Ratio Lower Upper
73 100
43 18.9 15.0 22.4
57 21.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 4.920 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

ClientSampleId :

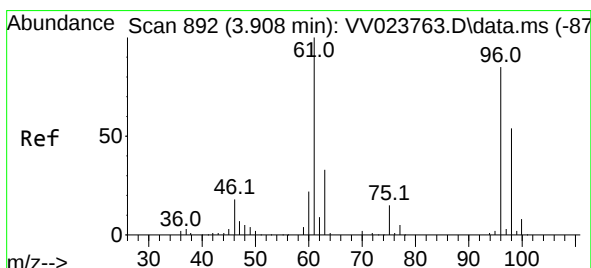
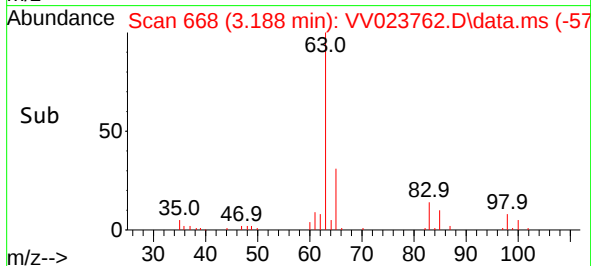
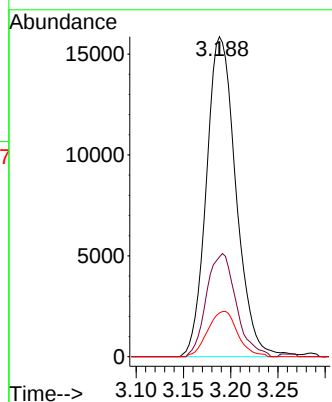
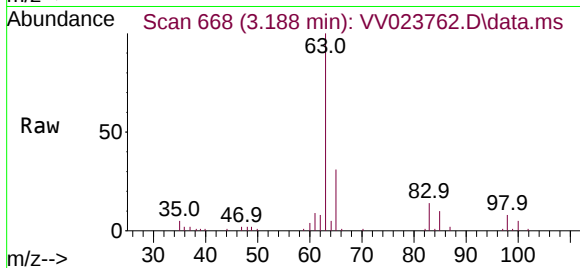
Tgt Ion: 63 Resp: 34415

Ion Ratio Lower Upper

63 100

65 31.2 21.3 39.5

83 13.7 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 4.838 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

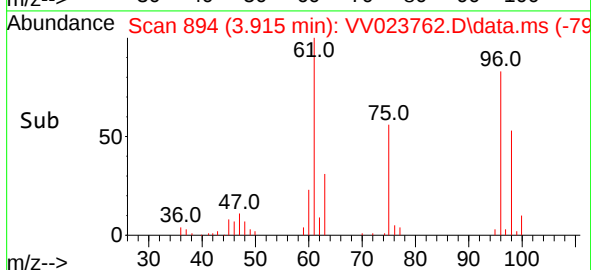
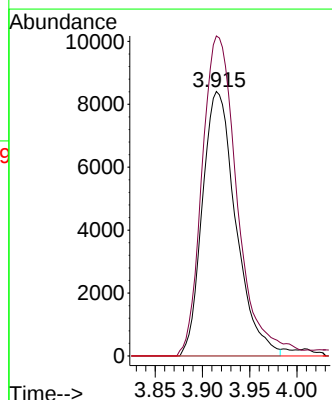
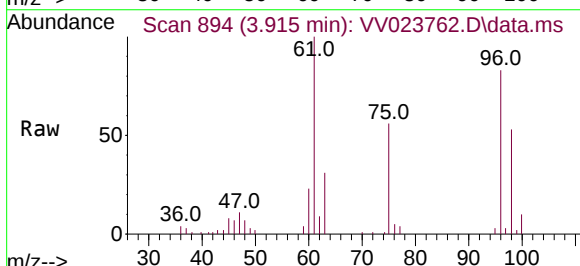
Tgt Ion: 96 Resp: 20704

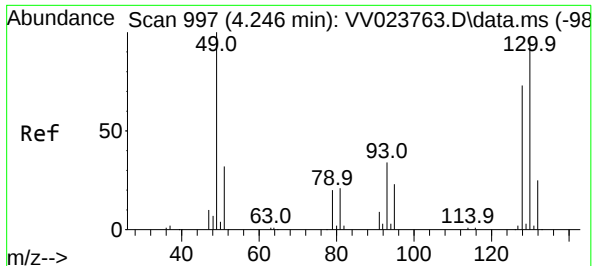
Ion Ratio Lower Upper

96 100

61 121.0 82.5 153.3

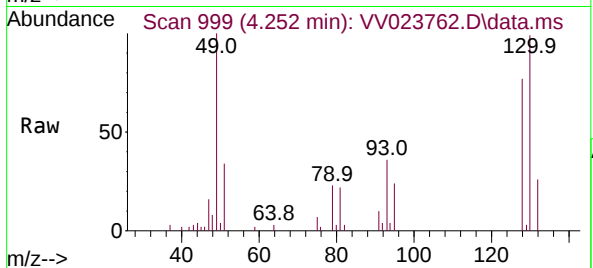
68 0.0 0.0 0.0



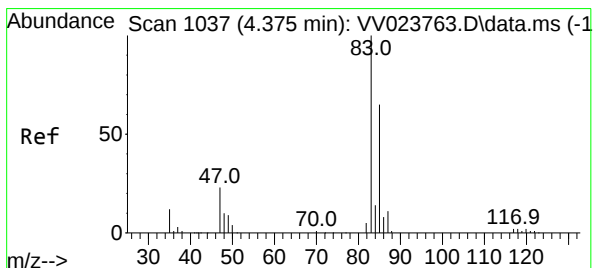
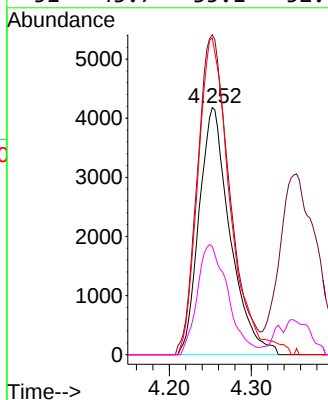
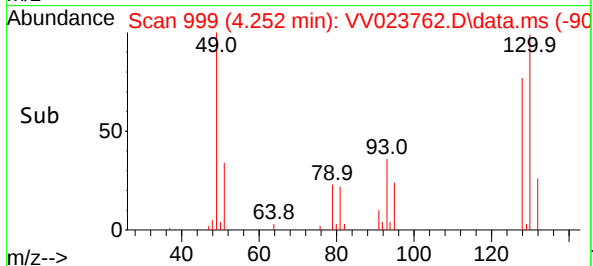


#23
Bromochloromethane
Concen: 5.168 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Instrument :
MSVOA_V
ClientSampleId :

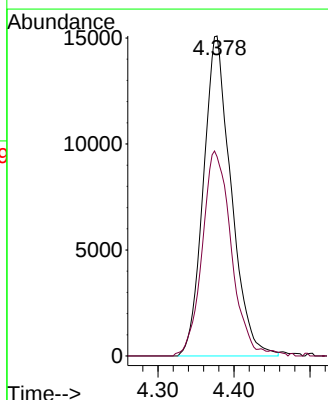
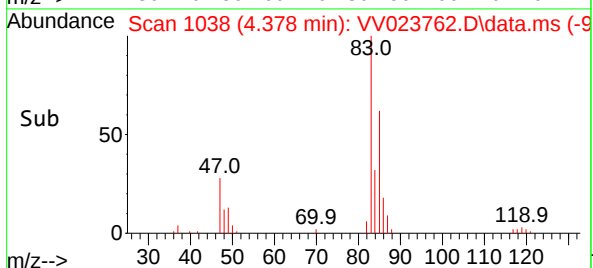
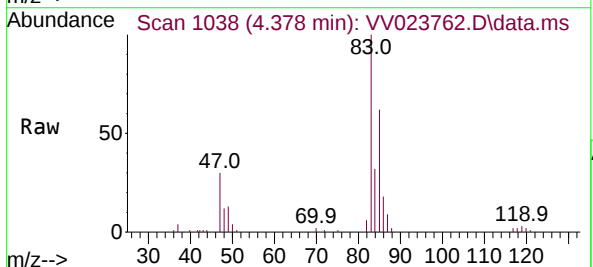


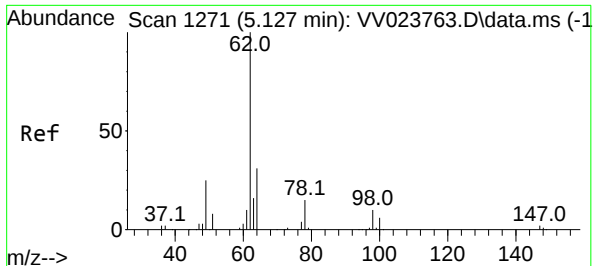
Tgt Ion:	128	Resp:	10932
Ion	Ratio	Lower	Upper
128	100		
49	129.6	95.7	177.7
130	128.2	92.4	171.6
51	43.7	35.1	52.7



#25
Chloroform
Concen: 5.181 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion:	83	Resp:	38208
Ion	Ratio	Lower	Upper
83	100		
85	62.3	46.0	85.4





#27

1,2-Dichloroethane

Concen: 4.737 ug/L

RT: 5.133 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

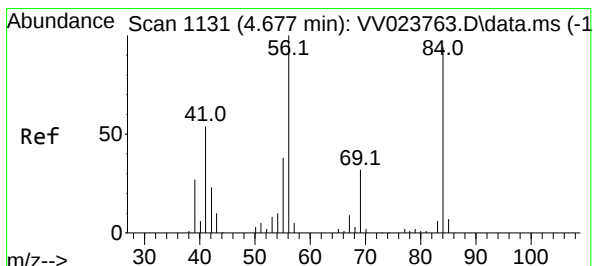
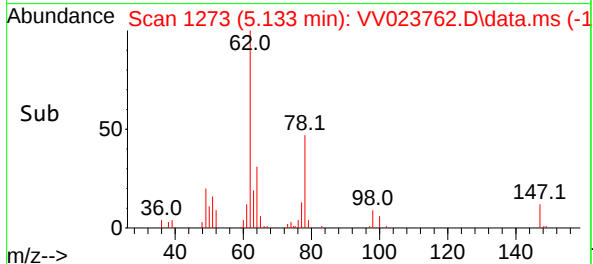
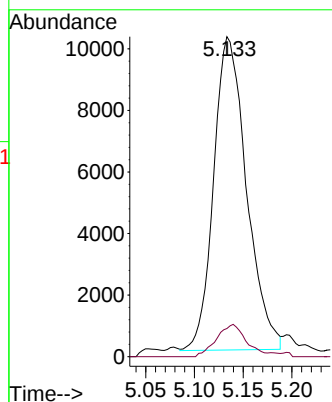
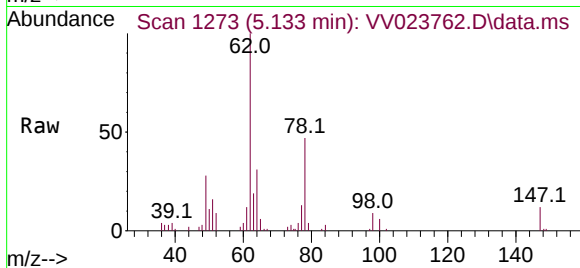
ClientSampleId :

Tgt Ion: 62 Resp: 23877

Ion Ratio Lower Upper

62 100

98 8.8 7.8 11.6



#29

Cyclohexane

Concen: 4.971 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

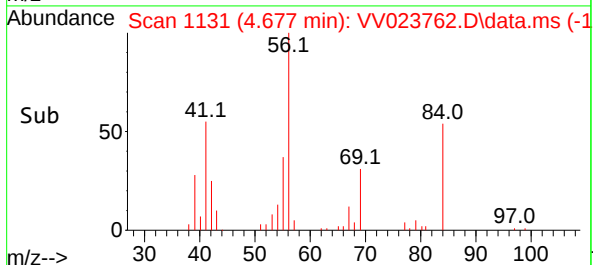
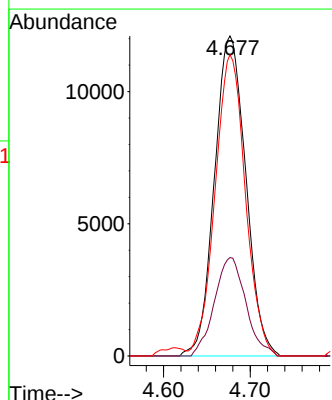
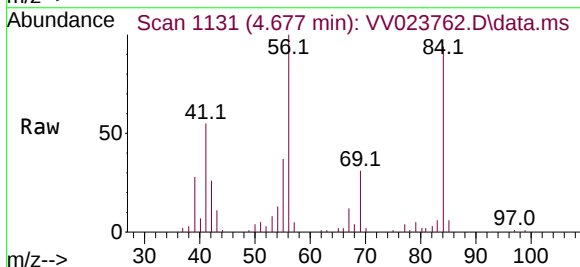
Tgt Ion: 56 Resp: 30392

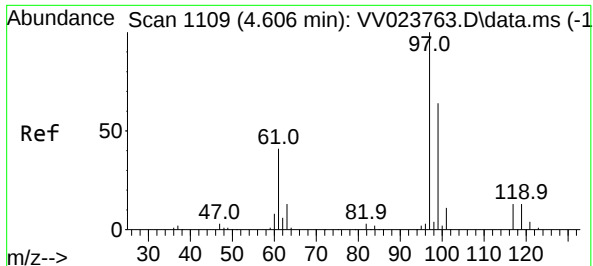
Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 91.1 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 5.909 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

ClientSampleId :

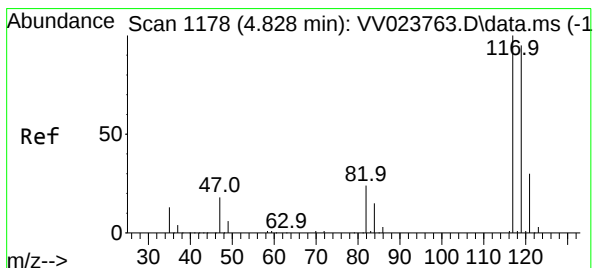
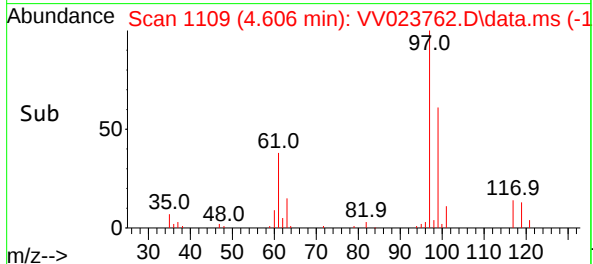
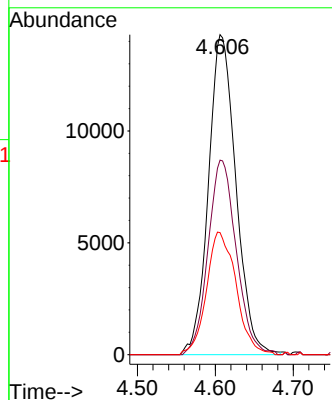
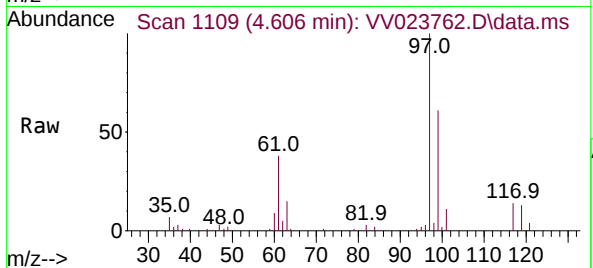
Tgt Ion: 97 Resp: 35126

Ion Ratio Lower Upper

97 100

99 62.2 52.0 78.0

61 41.2 33.3 49.9



#31

Carbon tetrachloride

Concen: 5.797 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VV023762.D

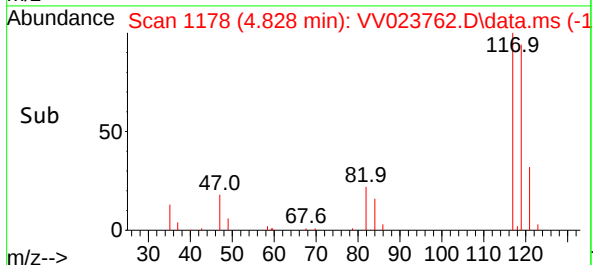
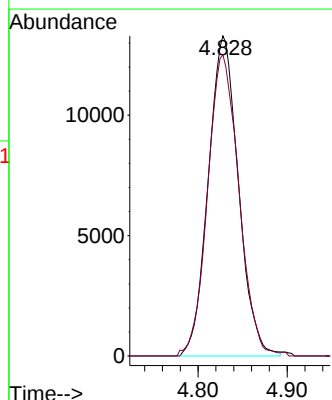
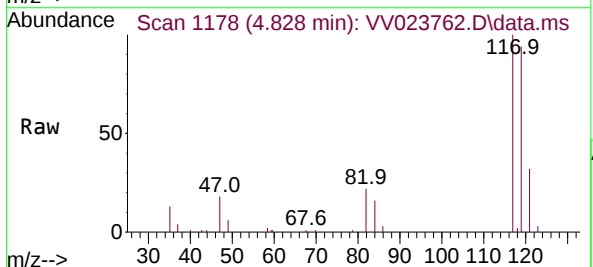
Acq: 01 Dec 2021 19:49

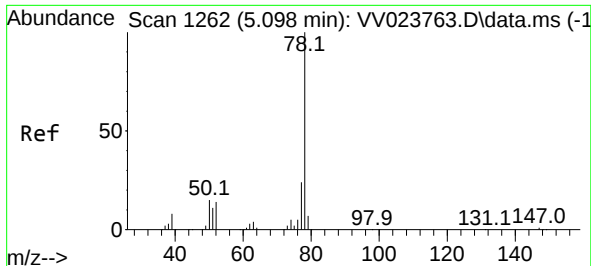
Tgt Ion: 117 Resp: 31205

Ion Ratio Lower Upper

117 100

119 97.3 76.0 114.0

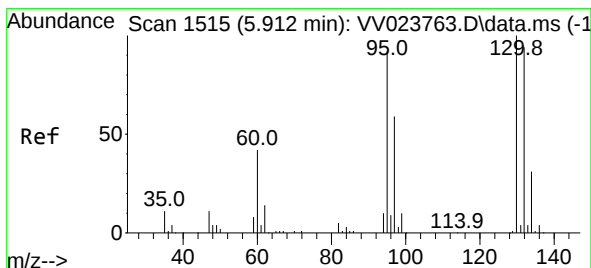
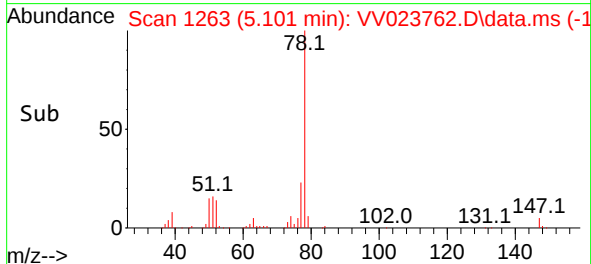
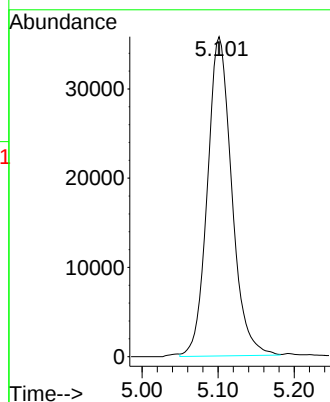
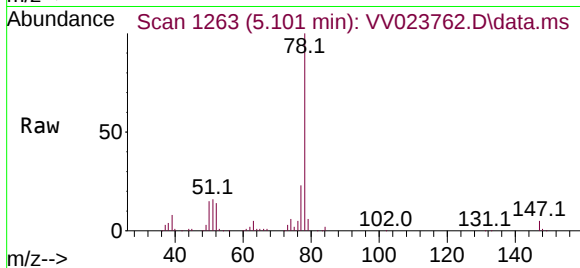




#33
Benzene
Concen: 4.966 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Instrument :
MSVOA_V
ClientSampleId :

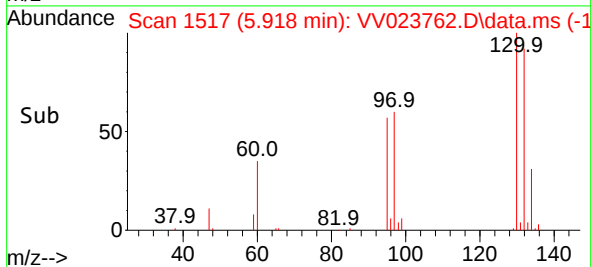
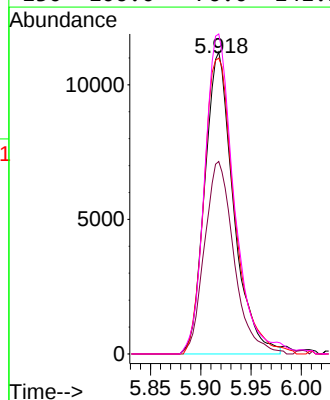
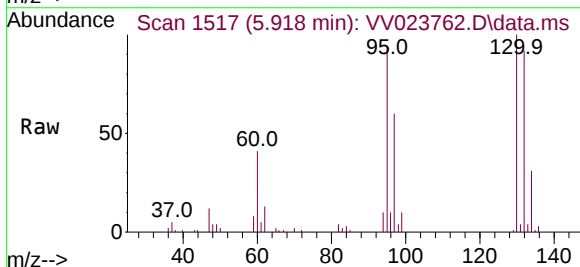
Tgt Ion: 78 Resp: 79693

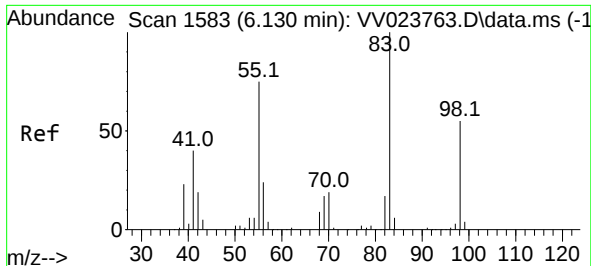


#34
Trichloroethene
Concen: 5.103 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 95 Resp: 22273

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.5	82.7
132	98.0	71.7	133.1
130	106.0	76.0	141.2

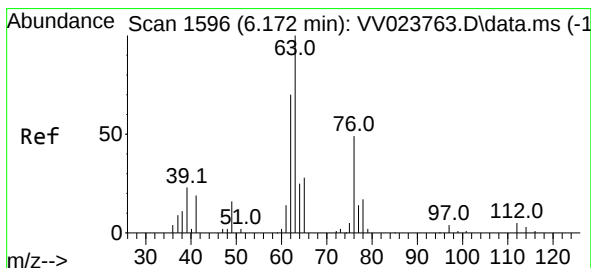
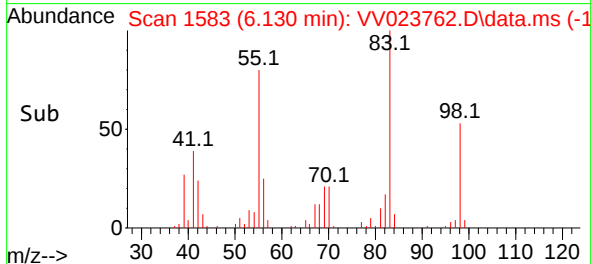
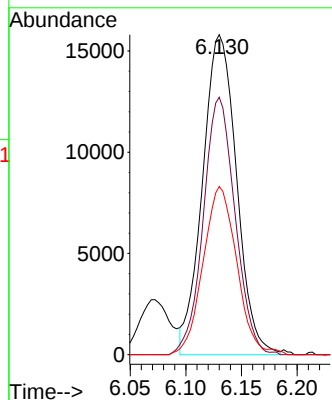
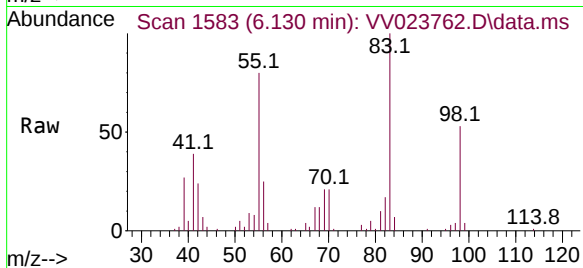




#35
Methylcyclohexane
Concen: 4.903 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

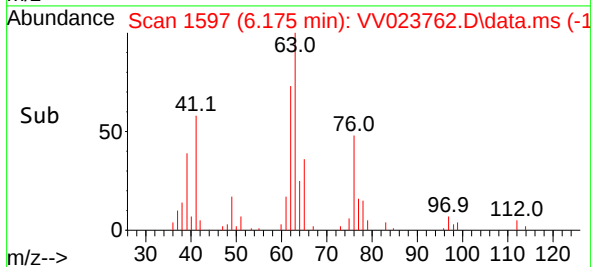
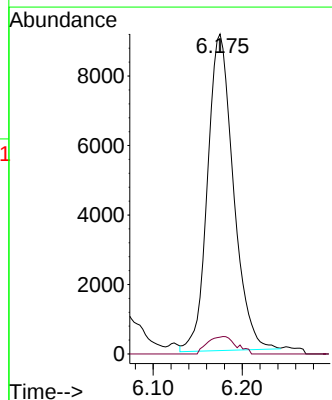
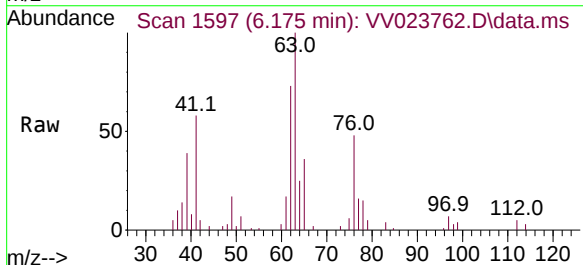
Instrument :
MSVOA_V
ClientSampleId :

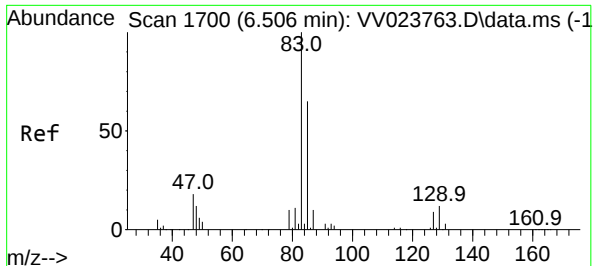
Tgt Ion: 83 Resp: 33583
Ion Ratio Lower Upper
83 100
55 75.2 57.4 86.2
98 51.4 40.4 60.6



#37
1,2-Dichloropropane
Concen: 4.530 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 63 Resp: 18368
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5

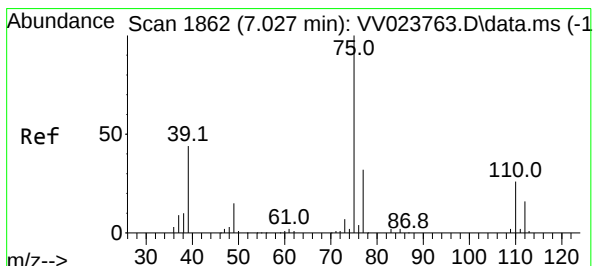
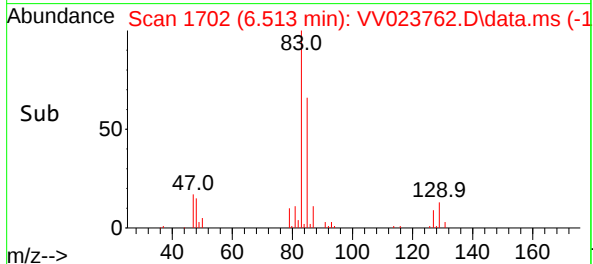
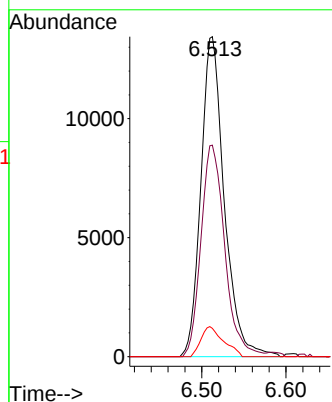
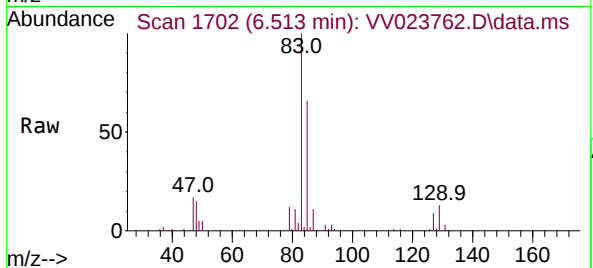




#38
Bromodichloromethane
Concen: 4.829 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

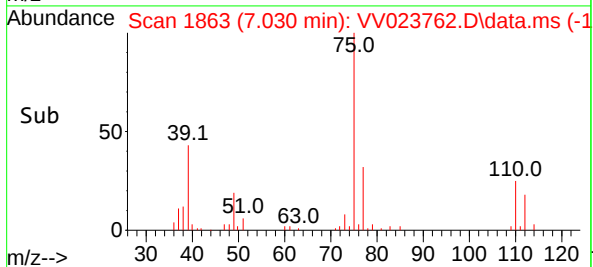
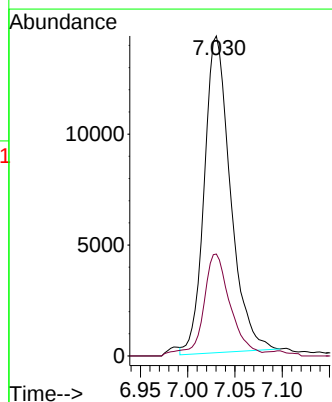
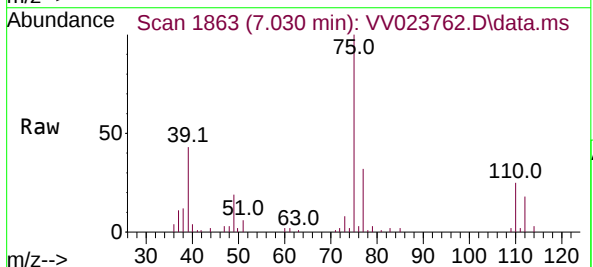
Instrument :
MSVOA_V
ClientSampleId :

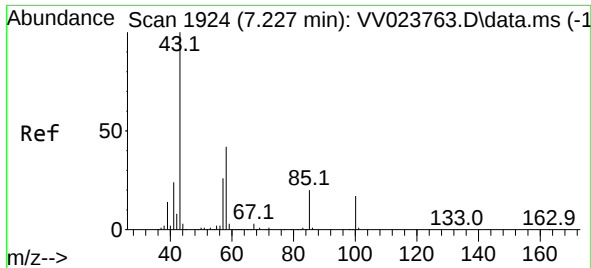
Tgt Ion: 83 Resp: 26032
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.2
127 8.9 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 4.501 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 75 Resp: 27499
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6

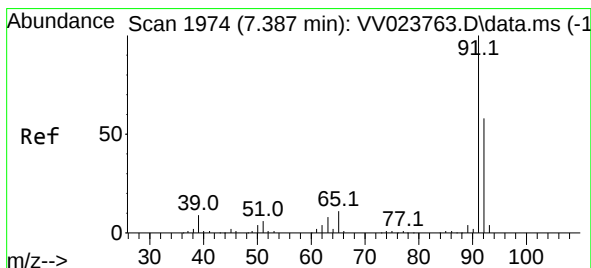
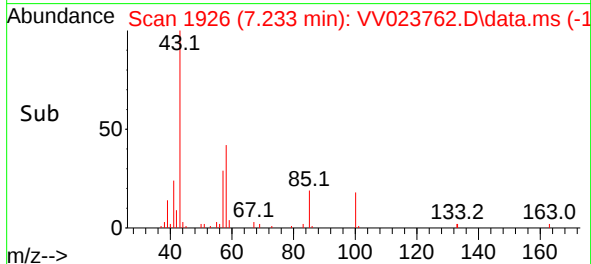
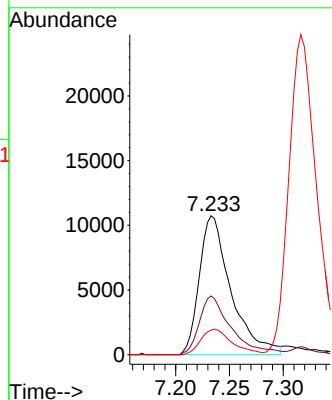
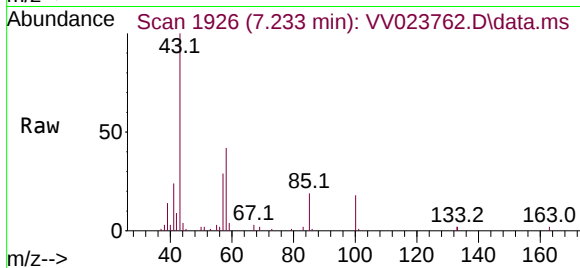




#40
4-Methyl-2-pentanone
Concen: 7.049 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

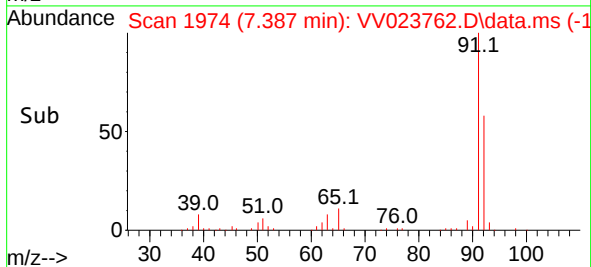
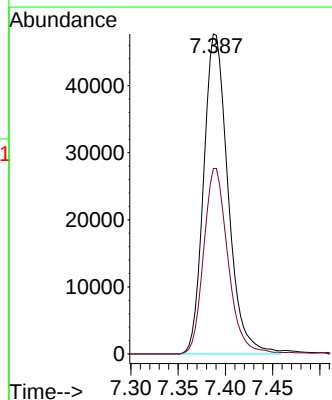
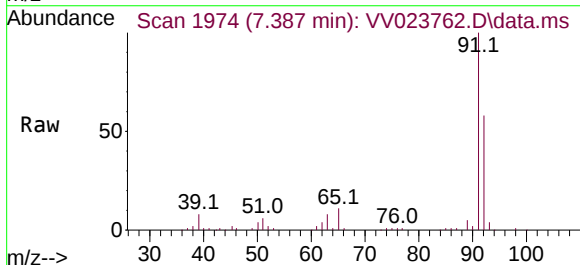
Instrument :
MSVOA_V
ClientSampleId :

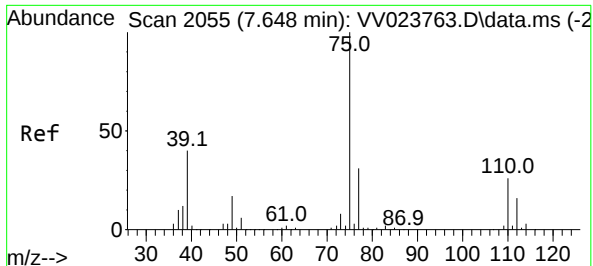
Tgt Ion: 43 Resp: 22009
Ion Ratio Lower Upper
43 100
58 42.3 31.6 47.4
100 18.1 13.8 20.6



#42
Toluene
Concen: 4.983 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 91 Resp: 85611
Ion Ratio Lower Upper
91 100
92 58.0 40.4 75.0

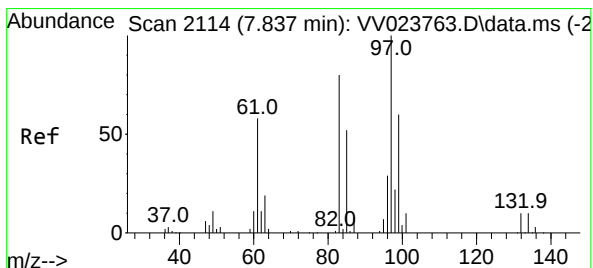
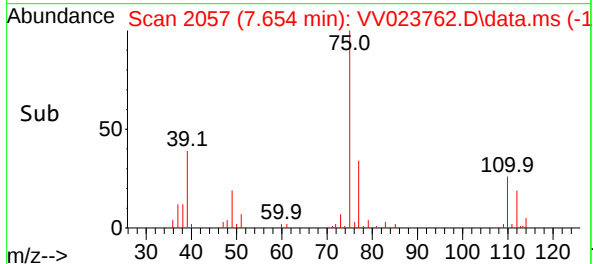
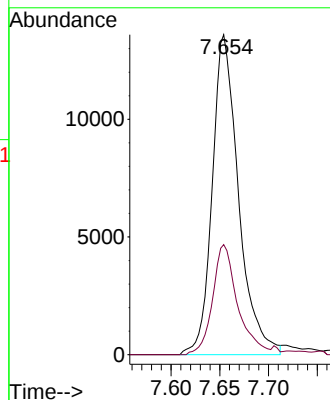
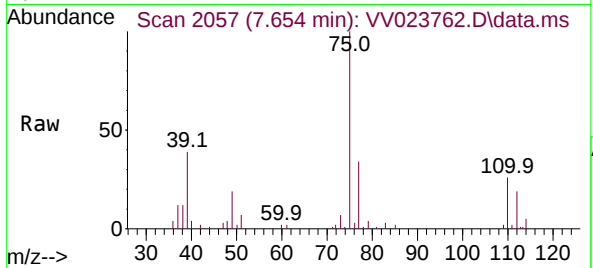




#44
trans-1,3-Dichloropropene
Concen: 4.951 ug/L
RT: 7.654 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

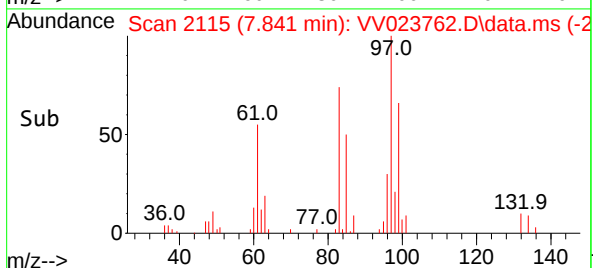
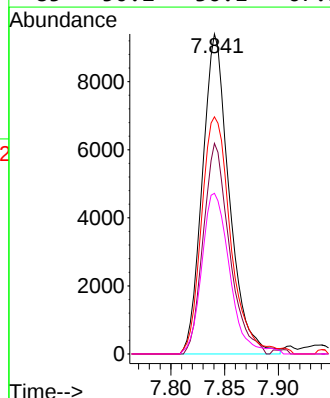
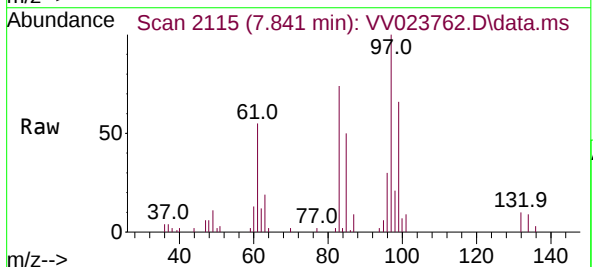
Instrument :
MSVOA_V
ClientSampleId :

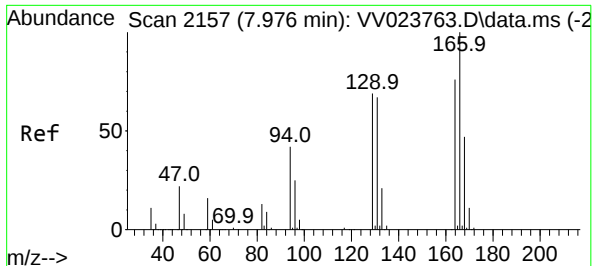
Tgt Ion: 75 Resp: 25557
Ion Ratio Lower Upper
75 100
77 34.4 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 4.735 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

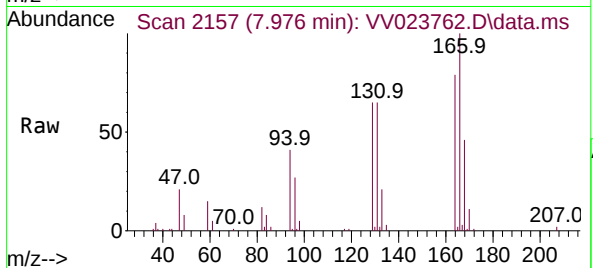
Tgt Ion: 97 Resp: 16329
Ion Ratio Lower Upper
97 100
99 65.8 41.8 77.6
83 74.1 55.8 103.6
85 50.2 36.1 67.1



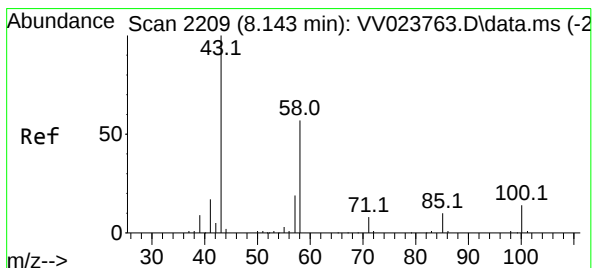
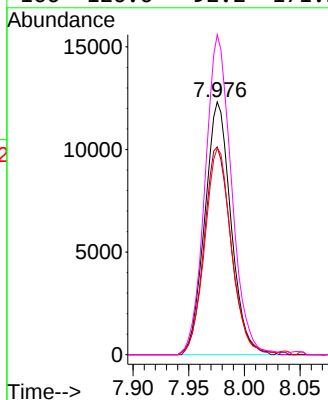
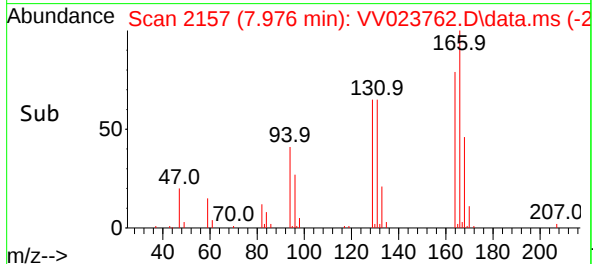


#46
Tetrachloroethene
Concen: 5.548 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

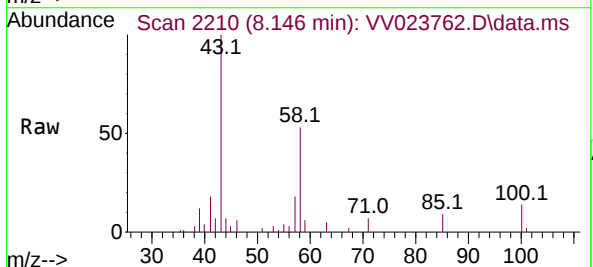
Instrument :
MSVOA_V
ClientSampleId :



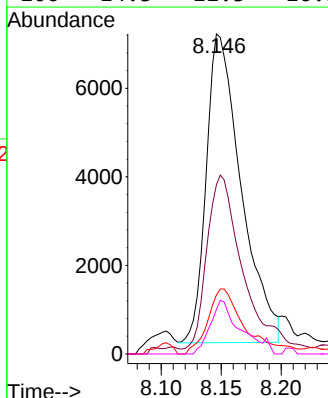
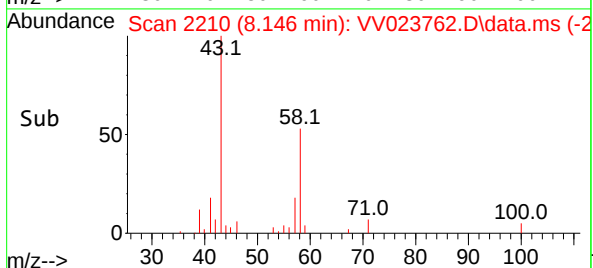
Tgt Ion:	164	Resp:	20190
Ion	Ratio	Lower	Upper
164	100		
129	82.2	63.3	117.5
131	81.7	61.8	114.8
166	126.6	92.2	171.2

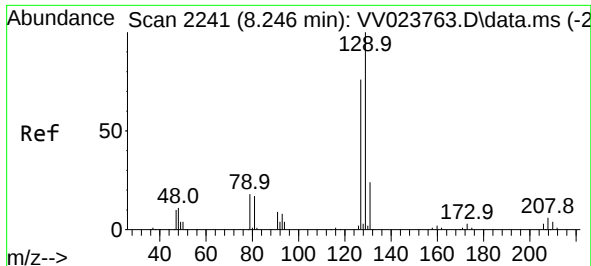


#48
2-Hexanone
Concen: 6.280 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49



Tgt Ion:	43	Resp:	14136
Ion	Ratio	Lower	Upper
43	100		
58	54.0	45.8	68.8
57	18.9	15.6	23.4
100	14.3	11.3	16.9





#49

Dibromochloromethane

Concen: 5.148 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

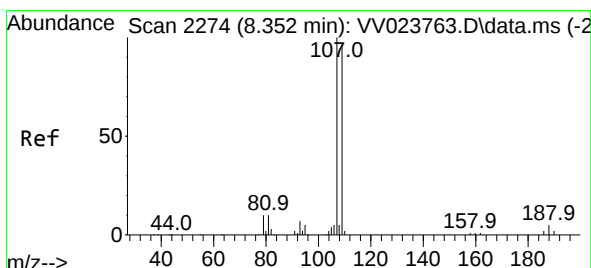
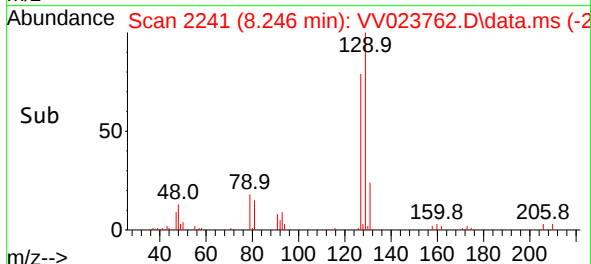
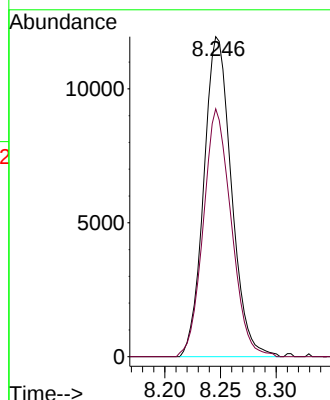
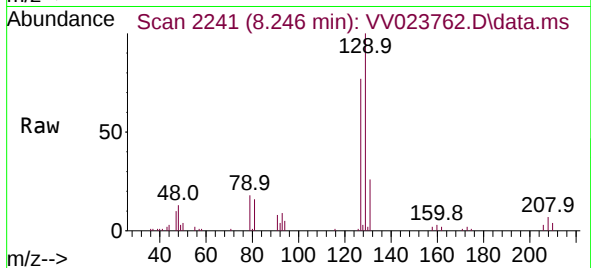
ClientSampleId :

Tgt Ion:129 Resp: 20665

Ion Ratio Lower Upper

129 100

127 77.5 53.1 98.7



#50

1,2-Dibromoethane

Concen: 4.772 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

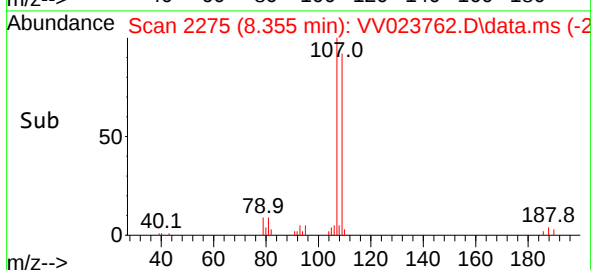
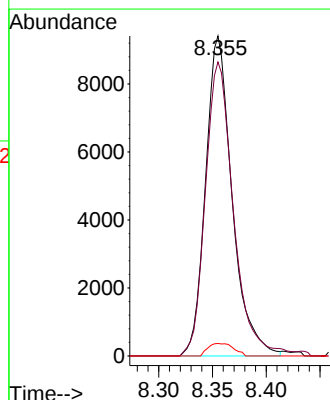
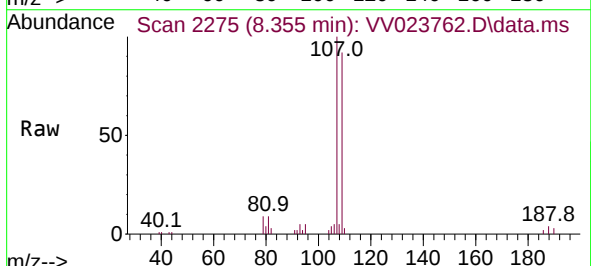
Tgt Ion:107 Resp: 16173

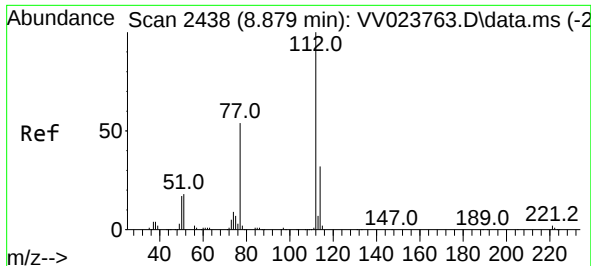
Ion Ratio Lower Upper

107 100

109 91.9 67.8 125.8

188 3.9 3.6 5.4

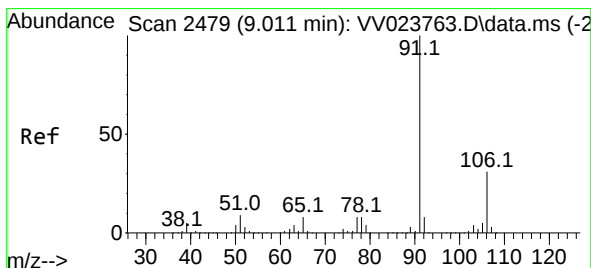
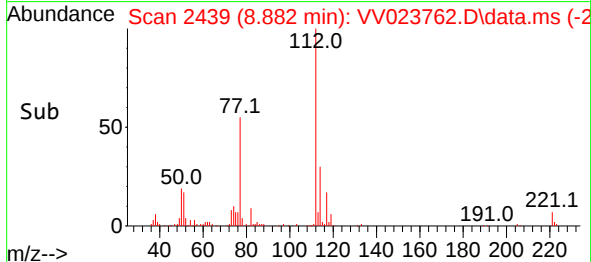
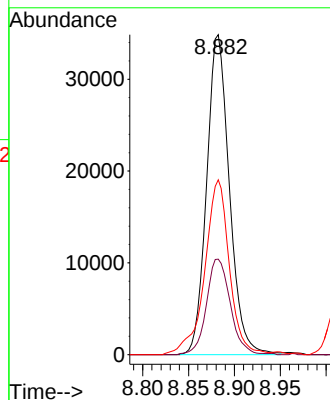
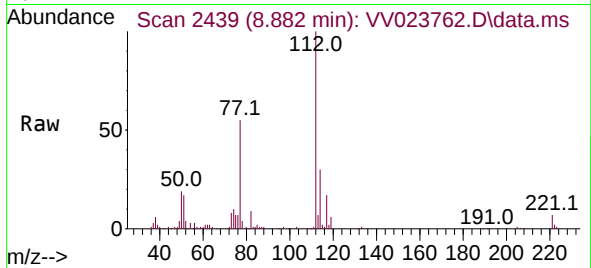




#51
Chlorobenzene
Concen: 5.172 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

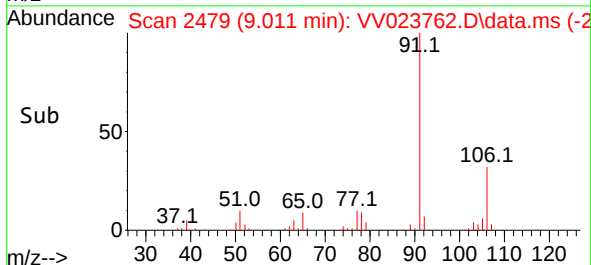
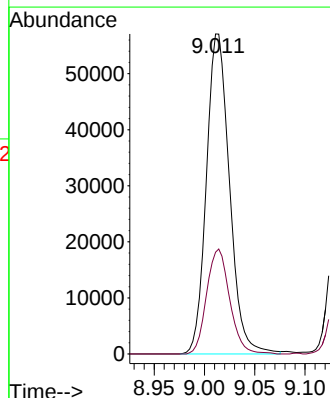
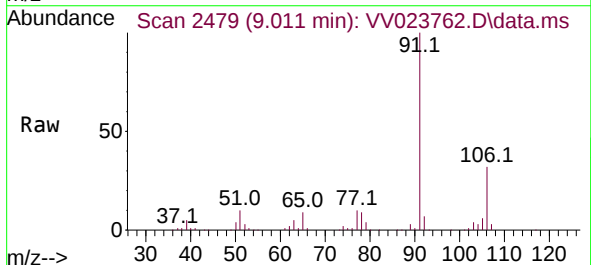
Instrument :
MSVOA_V
ClientSampleId :

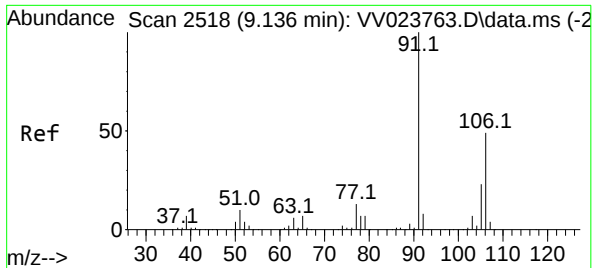
Tgt Ion:112 Resp: 60271
Ion Ratio Lower Upper
112 100
114 29.9 22.6 42.0
77 54.7 43.5 65.3



#52
Ethylbenzene
Concen: 4.865 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 91 Resp: 91393
Ion Ratio Lower Upper
91 100
106 31.8 22.0 40.8

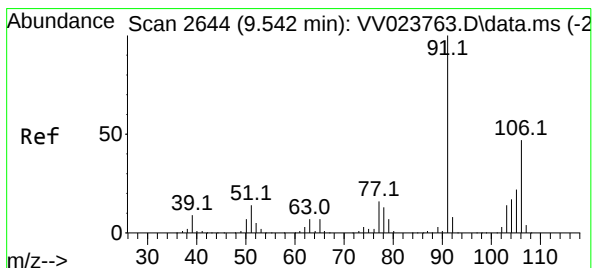
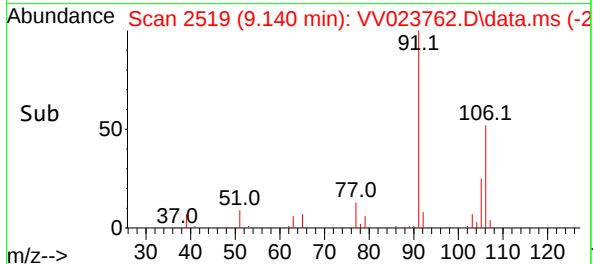
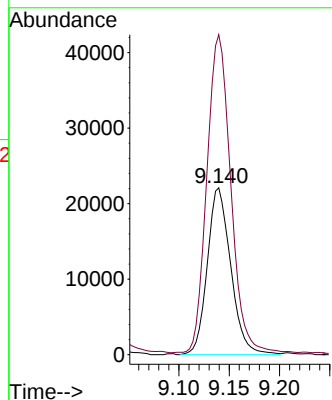
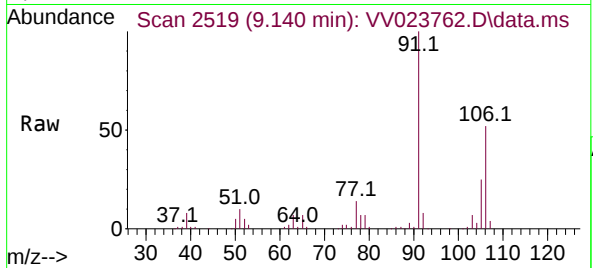




#53
m,p-Xylene
Concen: 4.978 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

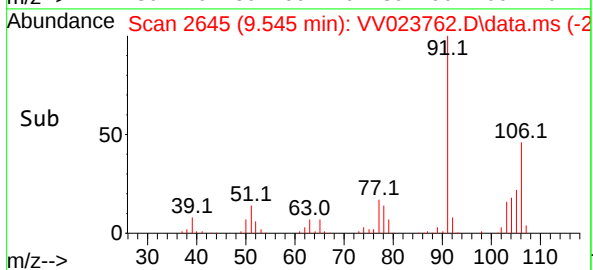
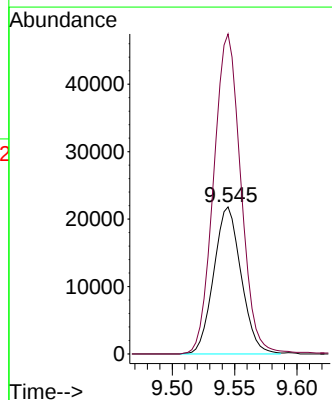
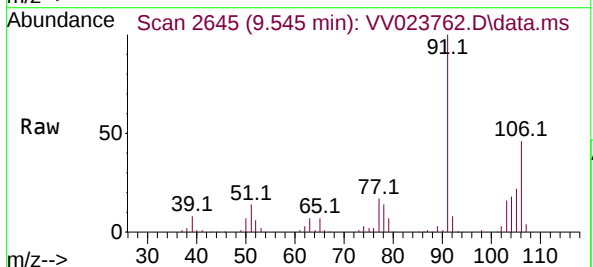
Instrument :
MSVOA_V
ClientSampleId :

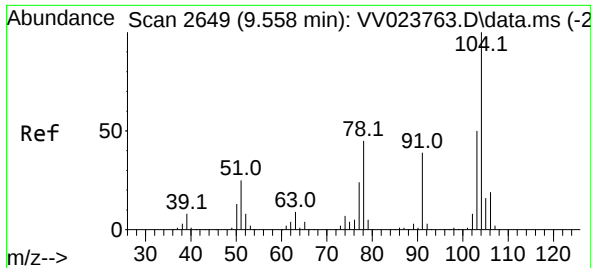
Tgt Ion:106 Resp: 35862
Ion Ratio Lower Upper
106 100
91 191.7 141.7 263.3



#54
o-Xylene
Concen: 4.835 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion:106 Resp: 33407
Ion Ratio Lower Upper
106 100
91 217.7 147.8 274.6

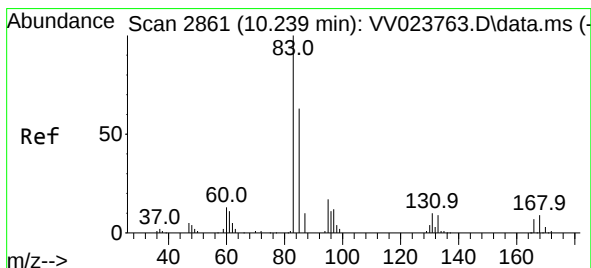
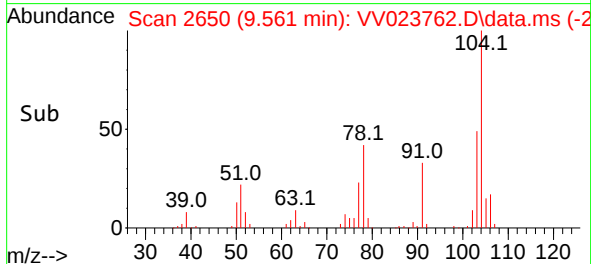
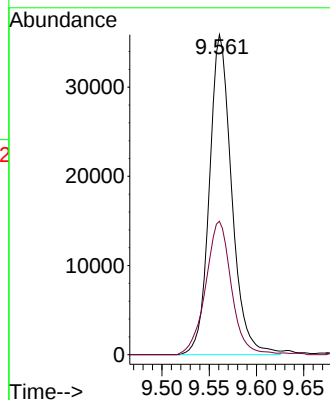
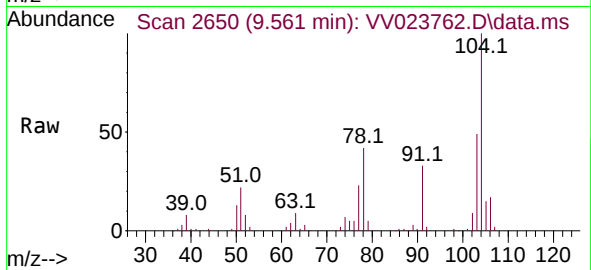




#55
Styrene
Concen: 4.890 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

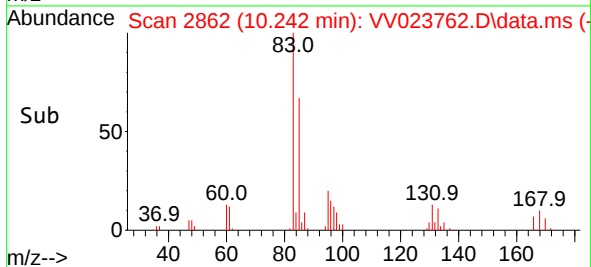
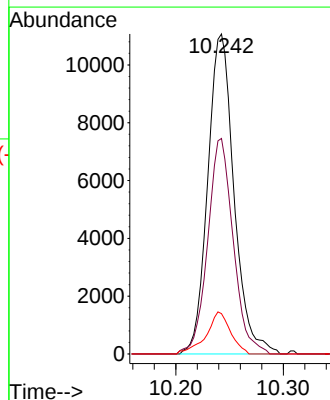
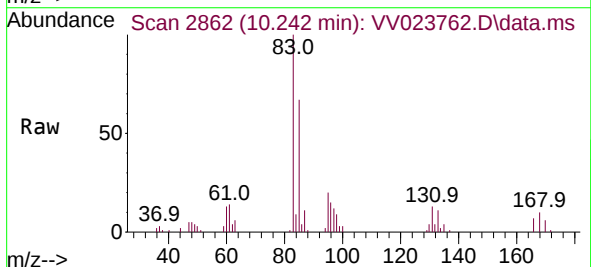
Instrument :
MSVOA_V
ClientSampleId :

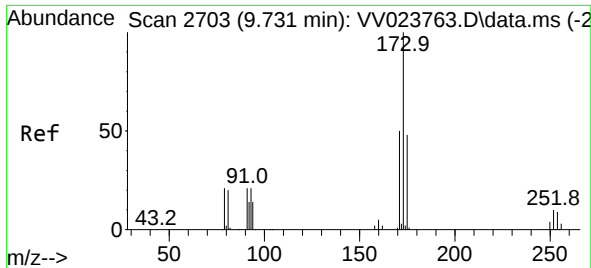
Tgt Ion:104 Resp: 59087
Ion Ratio Lower Upper
104 100
78 41.7 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 4.541 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion: 83 Resp: 18788
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.5
131 12.6 8.4 12.6#

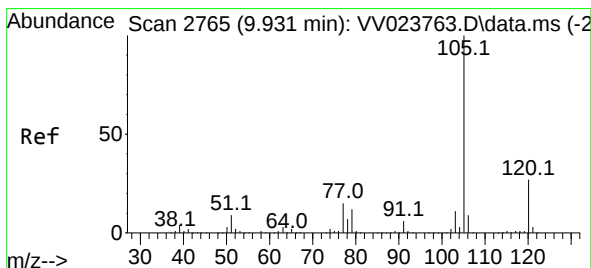
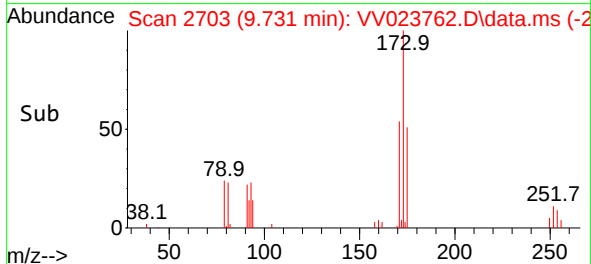
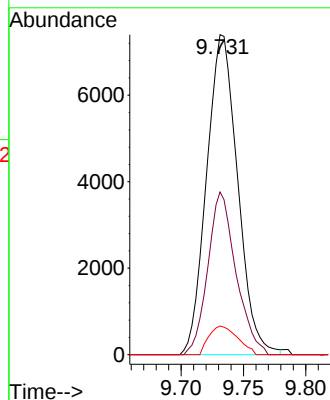
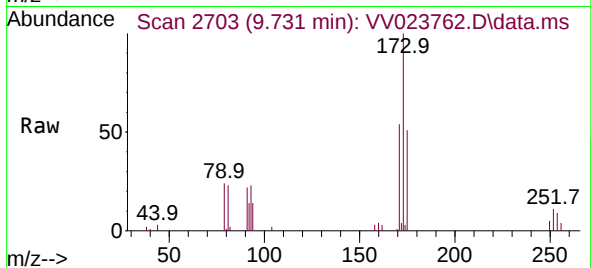




#59
Bromoform
Concen: 4.764 ug/L
RT: 9.731 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

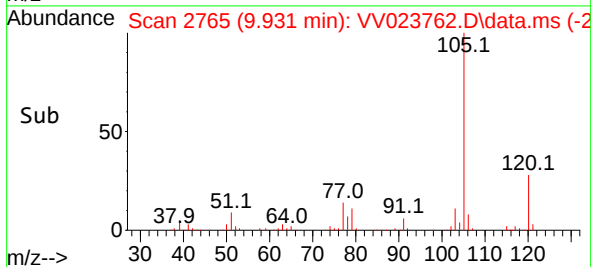
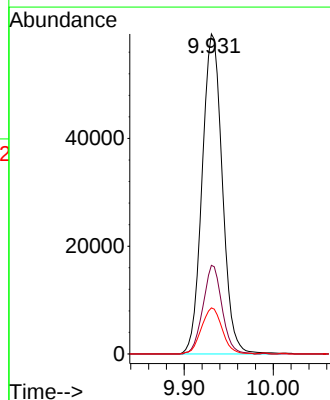
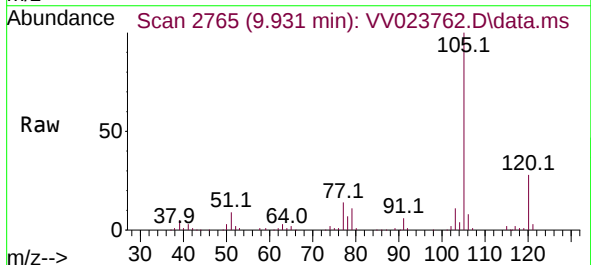
Instrument :
MSVOA_V
ClientSampleId :

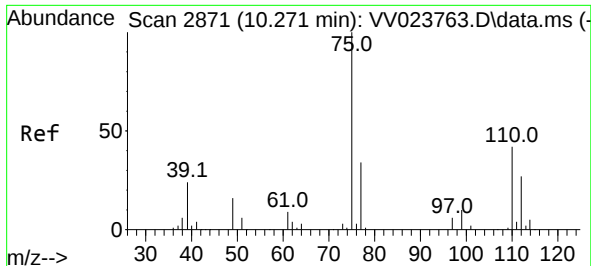
Tgt Ion:173 Resp: 12841
Ion Ratio Lower Upper
173 100
175 45.9 0.0 0.0#
254 8.2 0.0 0.0#



#60
Isopropylbenzene
Concen: 4.899 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion:105 Resp: 93436
Ion Ratio Lower Upper
105 100
120 26.2 21.6 32.4
77 14.8 11.9 17.9

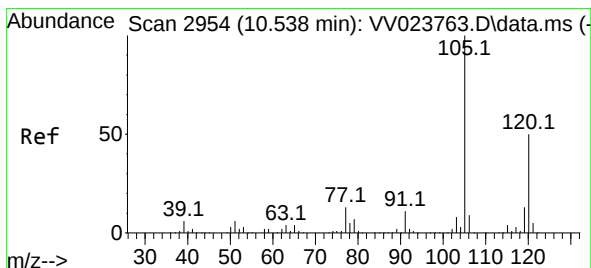
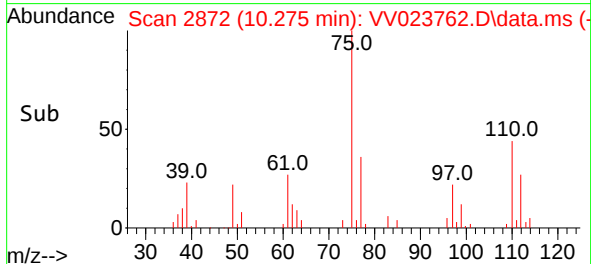
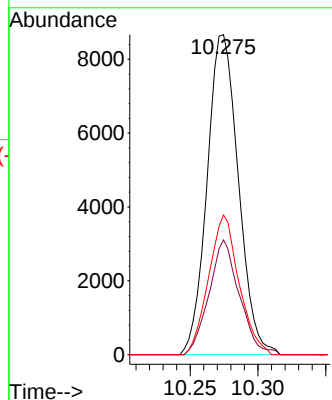
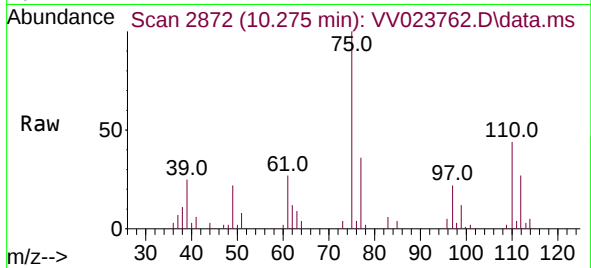




#61
 1,2,3-Trichloropropane
 Concen: 4.016 ug/L
 RT: 10.275 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

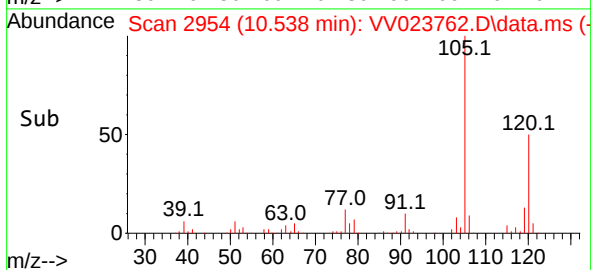
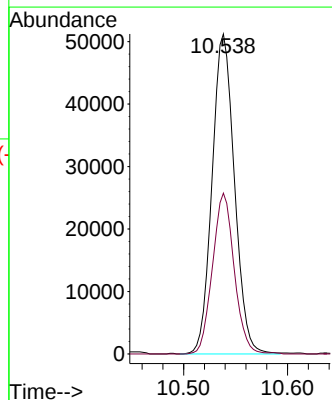
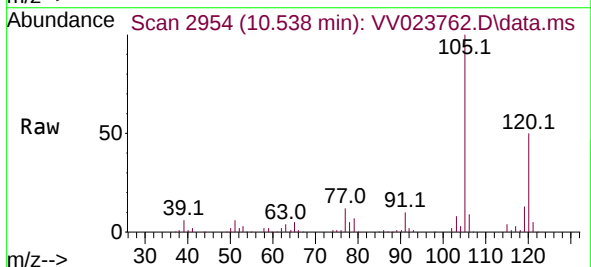
Instrument :
 MSVOA_V
 ClientSampleId :

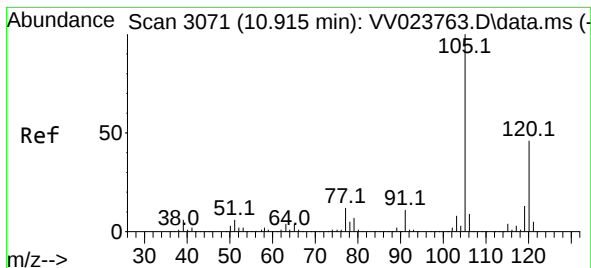
Tgt Ion: 75 Resp: 13918
 Ion Ratio Lower Upper
 75 100
 77 34.7 27.0 40.6
 110 42.3 33.7 50.5



#62
 1,3,5-Trimethylbenzene
 Concen: 4.926 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Tgt Ion: 105 Resp: 76595
 Ion Ratio Lower Upper
 105 100
 120 48.7 40.0 60.0





#63

1,2,4-Trimethylbenzene

Concen: 4.861 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

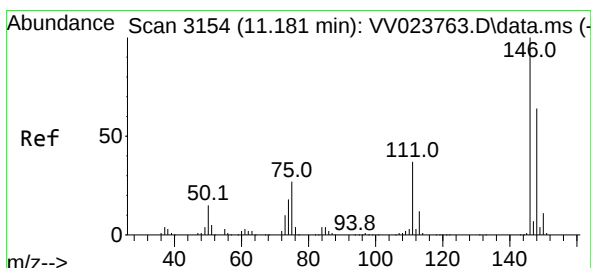
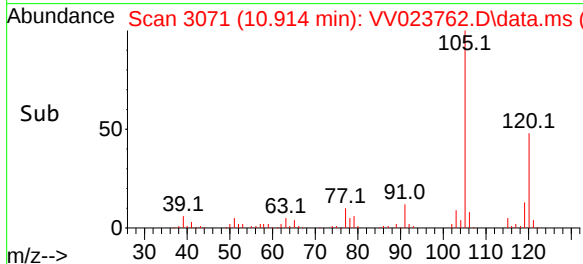
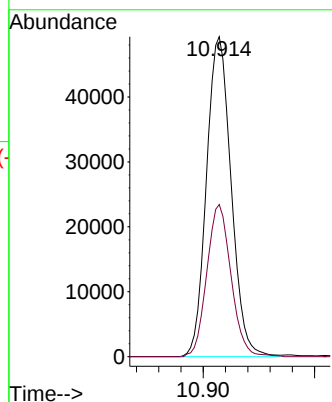
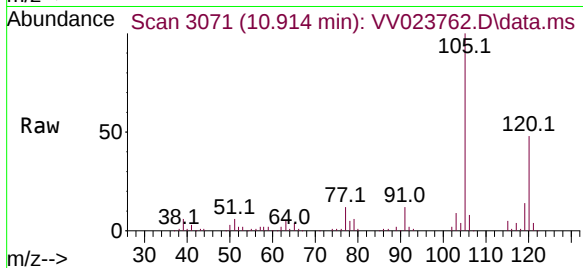
ClientSampleId :

Tgt Ion:105 Resp: 75757

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 5.192 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

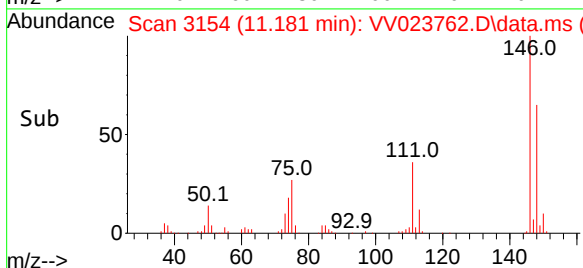
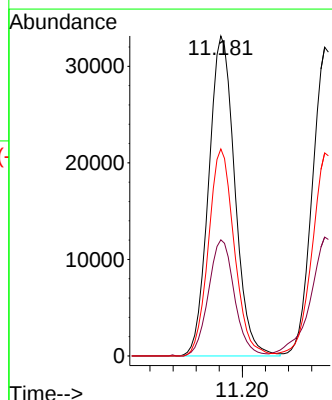
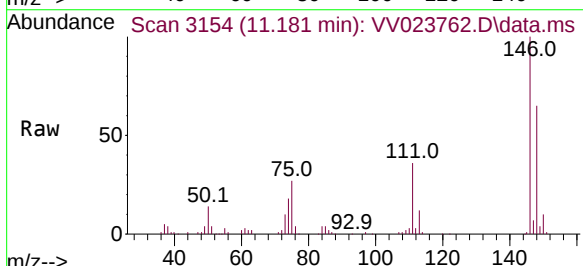
Tgt Ion:146 Resp: 52112

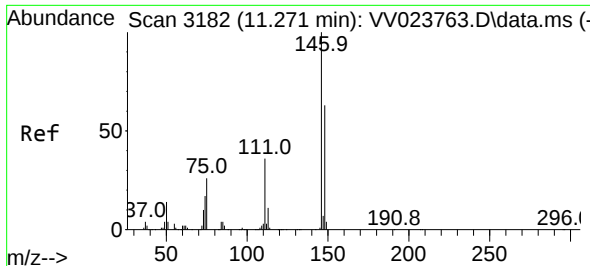
Ion Ratio Lower Upper

146 100

111 36.3 26.2 48.8

148 64.7 44.7 83.1

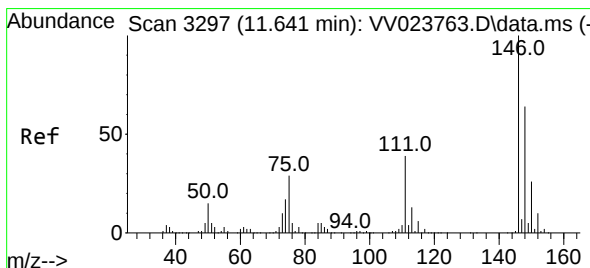
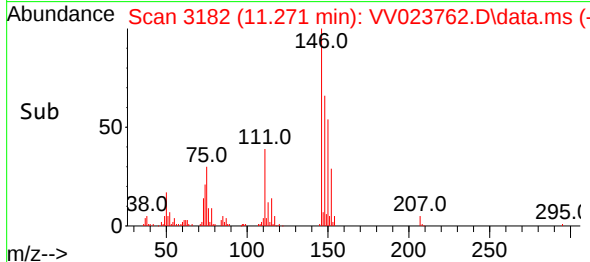
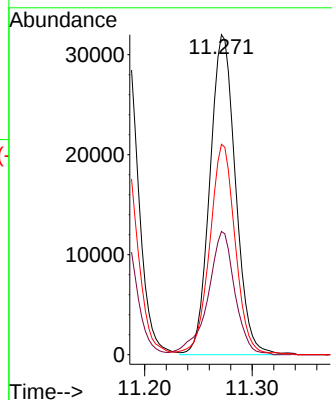
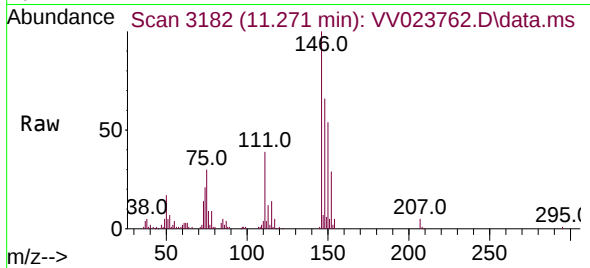




#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

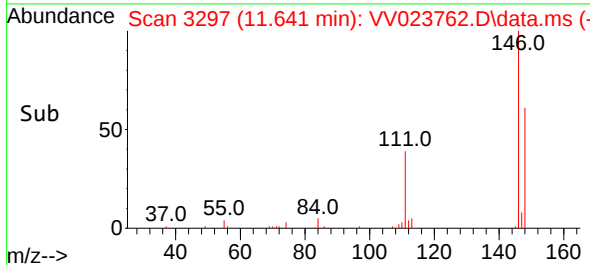
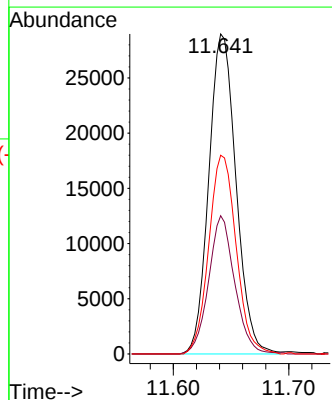
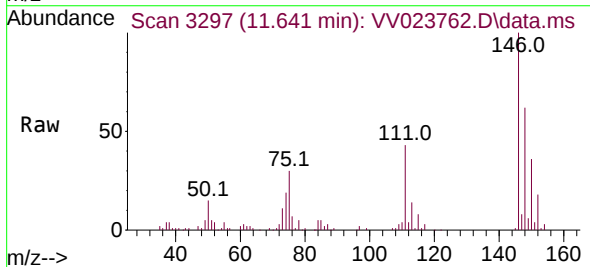
Instrument :
MSVOA_V
ClientSampleId :

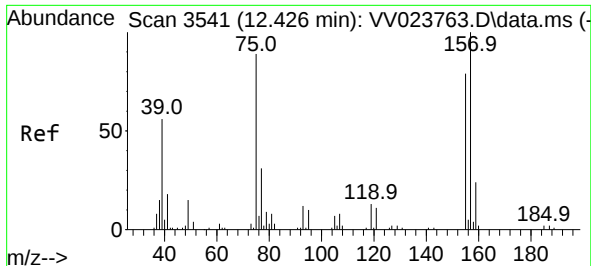
Tgt Ion:146 Resp: 52993
Ion Ratio Lower Upper
146 100
111 38.5 25.4 47.2
148 65.7 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 4.979 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV023762.D
Acq: 01 Dec 2021 19:49

Tgt Ion:146 Resp: 47529
Ion Ratio Lower Upper
146 100
111 43.2 31.4 47.0
148 62.1 51.1 76.7





#68

1,2-Dibromo-3-chloropropane

Concen: 4.473 ug/L

RT: 12.429 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

ClientSampleId :

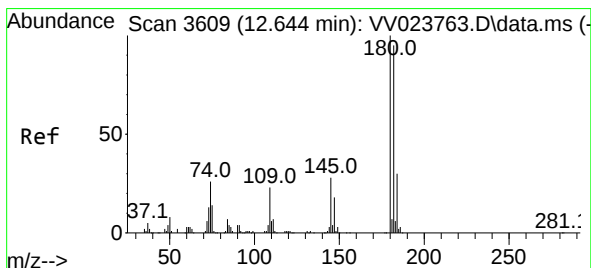
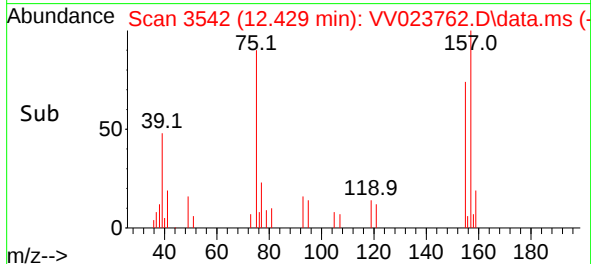
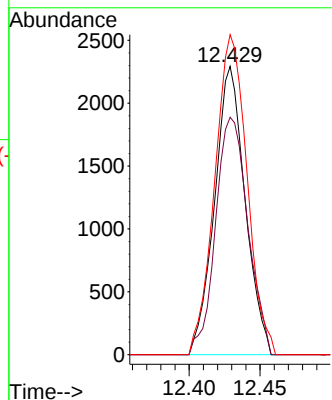
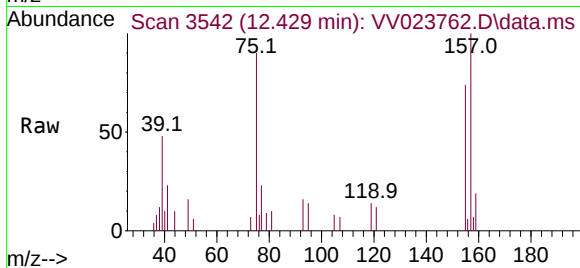
Tgt Ion: 75 Resp: 3434

Ion Ratio Lower Upper

75 100

155 82.4 71.0 106.4

157 111.0 90.1 135.1



#69

1,3,5-Trichlorobenzene

Concen: 5.089 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Tgt Ion: 180 Resp: 41057

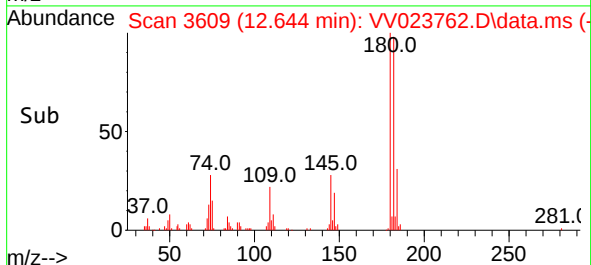
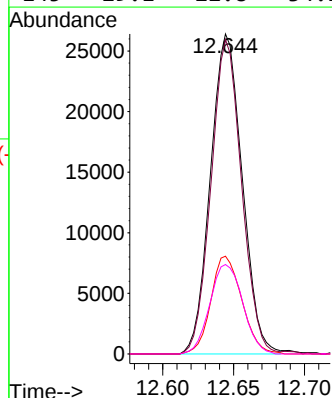
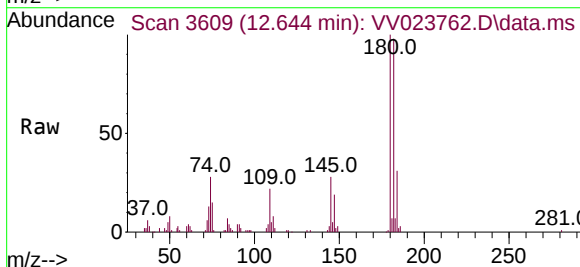
Ion Ratio Lower Upper

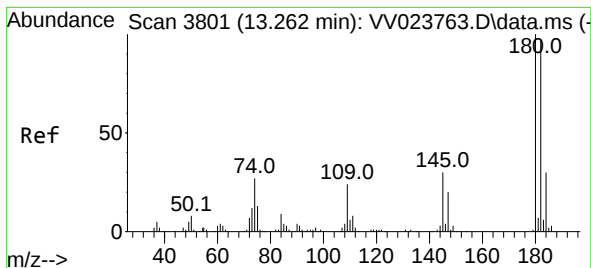
180 100

182 94.3 75.8 113.8

184 29.9 23.8 35.8

145 29.1 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 4.698 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

Instrument :

MSVOA_V

ClientSampleId :

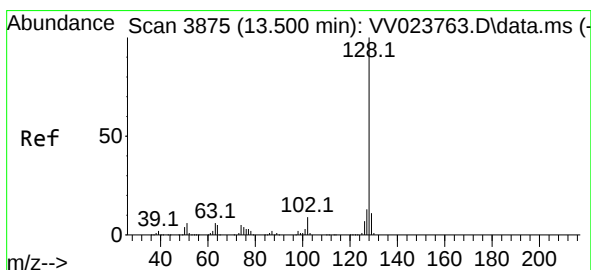
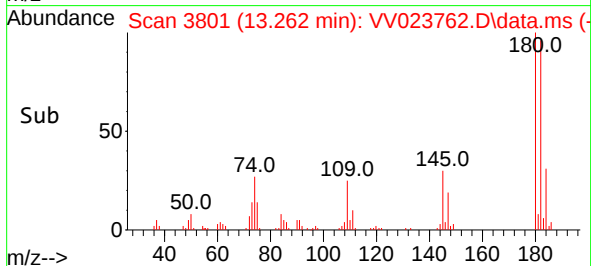
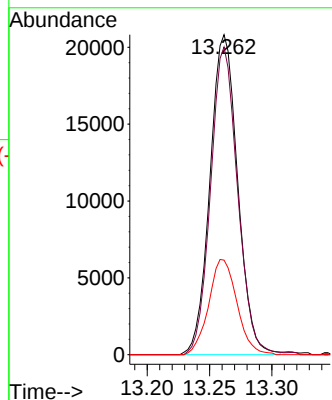
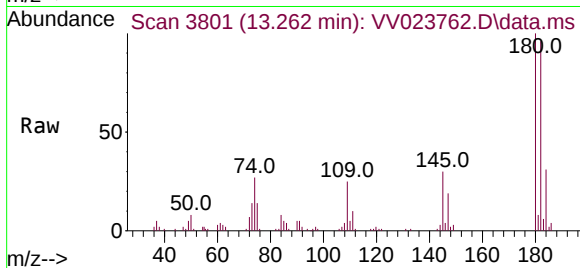
Tgt Ion:180 Resp: 32208

Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.4

145 30.4 24.3 36.5



#71

Naphthalene

Concen: 4.009 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV023762.D

Acq: 01 Dec 2021 19:49

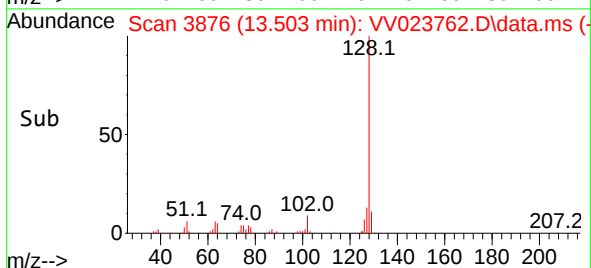
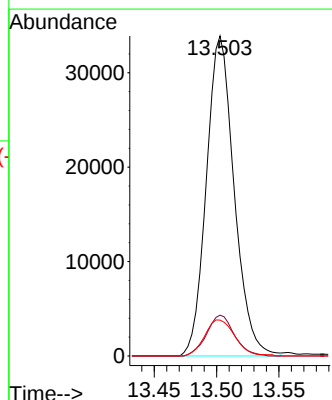
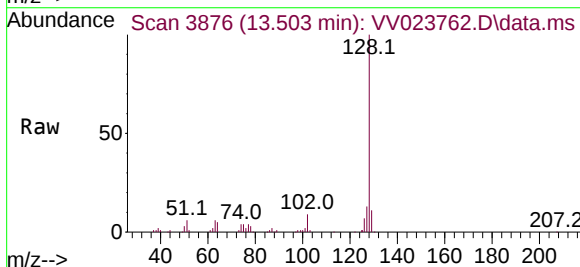
Tgt Ion:128 Resp: 52567

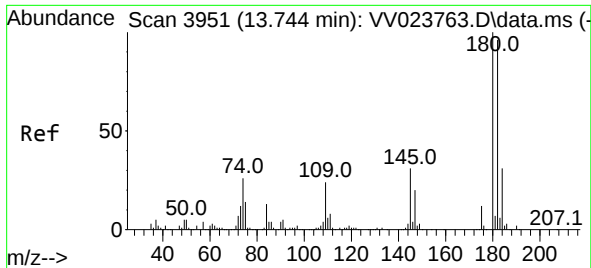
Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

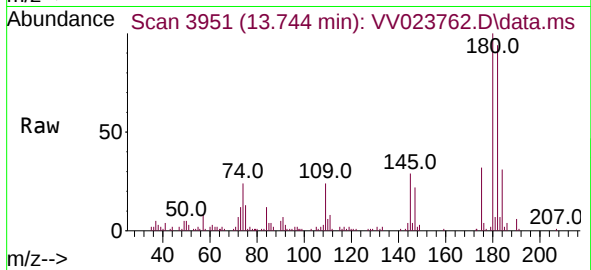
129 12.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 4.536 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV023762.D
 Acq: 01 Dec 2021 19:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	29752
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.2	114.2
145	29.9	25.6	38.4

