

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023745.D
 Acq On : 30 Nov 2021 09:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 01:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 30 00:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	141999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47860	4.106	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	37564	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.108	63	93028	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.912	46	54088	38.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.200%
24) Chloroform-d	4.343	84	92072	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.027	65	43258	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.047	84	180139	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	49701	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	183019	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.622	79	21628	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.088	63	70409	50.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35772	4.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66504	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68206	5.062	ug/L	98
3) Chloromethane	1.240	50	57007	4.867	ug/L	98
5) Vinyl chloride	1.310	62	60330	4.905	ug/L	99
6) Bromomethane	1.523	94	36093	5.175	ug/L	96
8) Chloroethane	1.584	64	38161	4.896	ug/L	98
9) Trichlorofluoromethane	1.754	101	102980	5.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	54046	5.381	ug/L	99
12) 1,1-Dichloroethene	2.118	96	48889	5.139	ug/L	93
13) Acetone	2.201	43	46836	37.142	ug/L	76
14) Carbon disulfide	2.294	76	157683	4.931	ug/L	99
15) Methyl Acetate	2.439	43	12563	4.389	ug/L	99
16) Methylene chloride	2.507	84	56044	4.128	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	103313	5.299	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	54711	5.049	ug/L	98
19) 1,1-Dichloroethane	3.188	63	94367	5.179	ug/L	98
21) 2-Butanone	3.989	43	68910	43.176	ug/L	82
22) cis-1,2-Dichloroethene	3.908	96	55967	5.385	ug/L	95
23) Bromochloromethane	4.243	128	26156	5.363	ug/L	89
25) Chloroform	4.368	83	104214	5.134	ug/L	99

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Quant Time: Dec 01 01:17:02 2021
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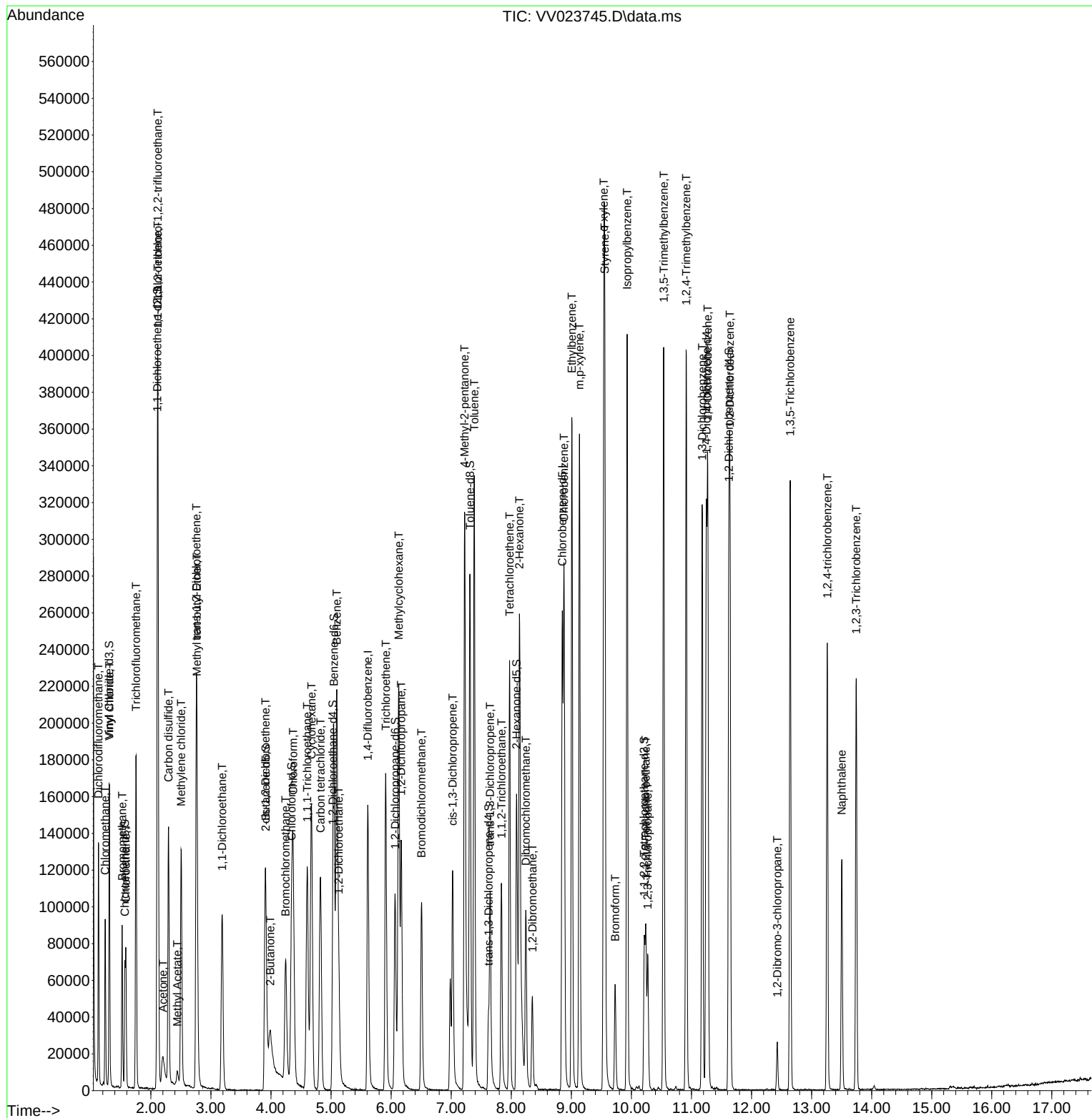
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55060	5.102	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	98889	5.533	ug/L	98
30) Cyclohexane	4.674	56	78905	5.291	ug/L	98
31) Carbon tetrachloride	4.825	117	90996	5.559	ug/L	97
33) Benzene	5.095	78	215778	5.534	ug/L	100
34) Trichloroethene	5.912	95	57442	5.500	ug/L	98
35) Methylcyclohexane	6.127	83	89933	5.523	ug/L	97
37) 1,2-Dichloropropane	6.169	63	50513	5.450	ug/L	99
38) Bromodichloromethane	6.506	83	68881	5.476	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	72564	5.502	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	250746	56.679	ug/L	96
42) Toluene	7.384	91	242400	5.733	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	64204	5.792	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	36636	5.709	ug/L	98
47) Tetrachloroethene	7.973	164	53391	5.616	ug/L	99
48) 2-Hexanone	8.137	43	189160	57.850	ug/L	99
49) Dibromochloromethane	8.243	129	50229	5.712	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35178	5.622	ug/L	97
51) Chlorobenzene	8.879	112	155148	5.535	ug/L	98
52) Ethylbenzene	9.008	91	250305	5.663	ug/L	99
53) m,p-xylene	9.137	106	99478	5.655	ug/L	97
54) o-xylene	9.542	106	94879	5.672	ug/L	99
55) Styrene	9.558	104	166714	5.915	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	39532	5.537	ug/L	99
59) Bromoform	9.731	173	27619	5.348	ug/L	98
60) Isopropylbenzene	9.931	105	261139	5.593	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27931	5.037	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	218560	5.626	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	218749	5.694	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133511	5.593	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	130121	5.423	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	120107	5.498	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6019	5.466	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	104040	5.582	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	77338	5.348	ug/L	98
71) Naphthalene	13.503	128	100319	5.155	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	67852	5.415	ug/L	100

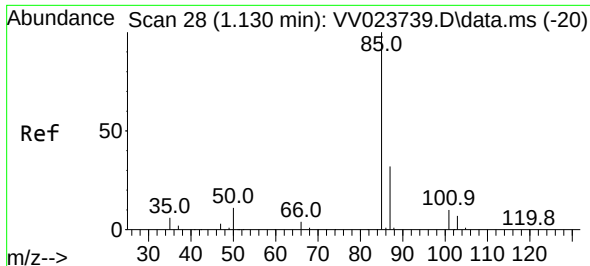
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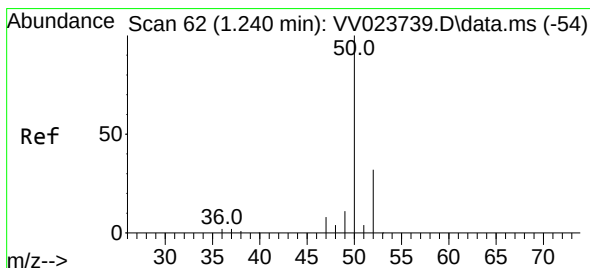
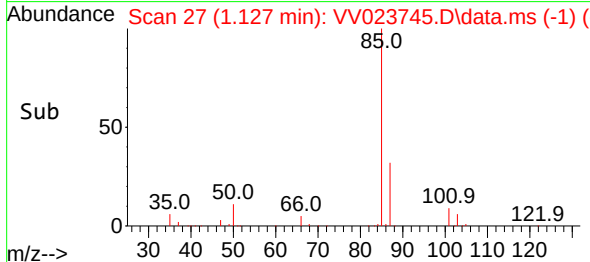
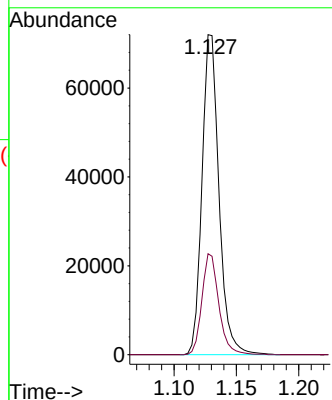
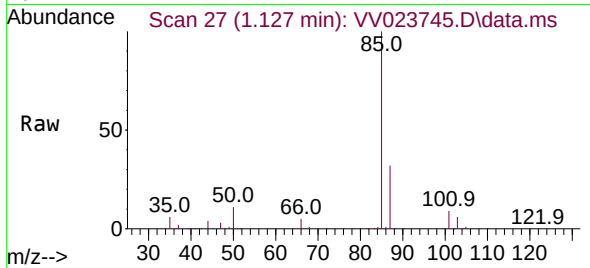




#2
 Dichlorodifluoromethane
 Concen: 5.062 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

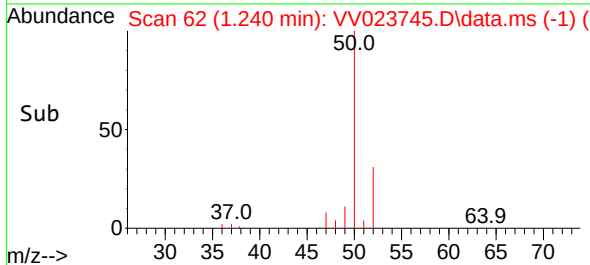
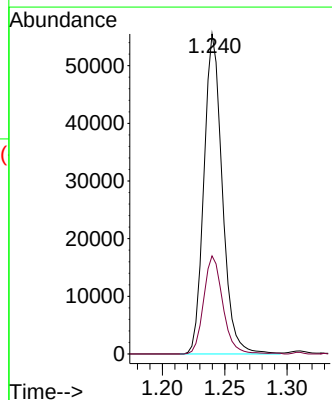
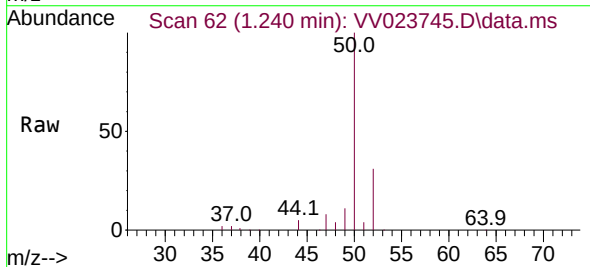
Instrument :
 MSVOA_V
 ClientSampleId :

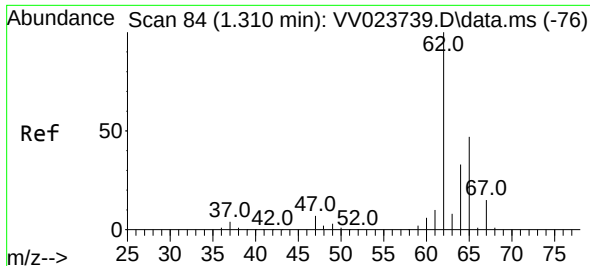
Tgt Ion: 85 Resp: 68206
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.867 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Tgt Ion: 50 Resp: 57007
 Ion Ratio Lower Upper
 50 100
 52 30.6 22.0 41.0

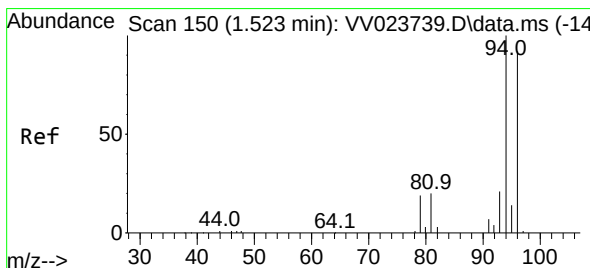
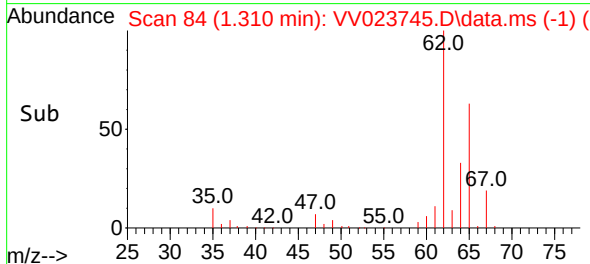
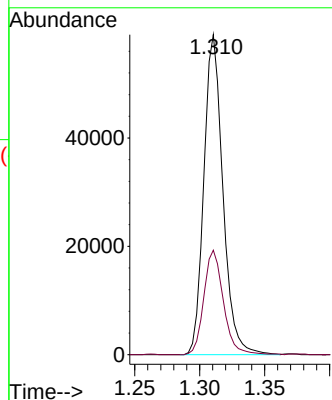
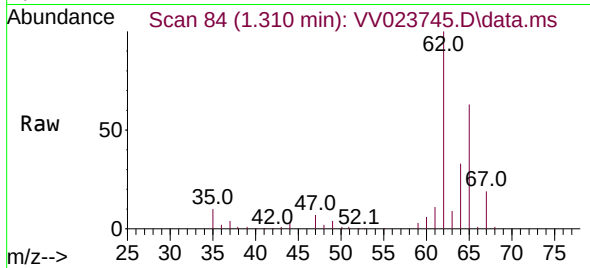




#5
 Vinyl chloride
 Concen: 4.905 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

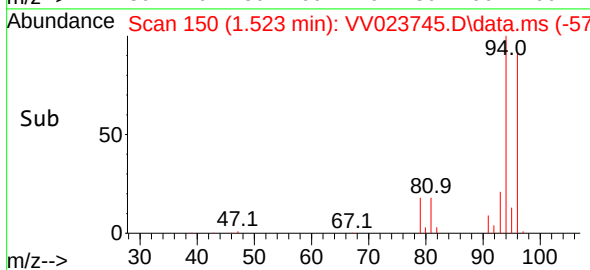
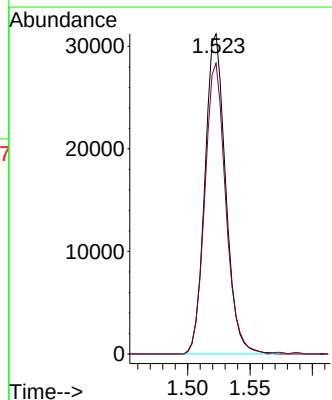
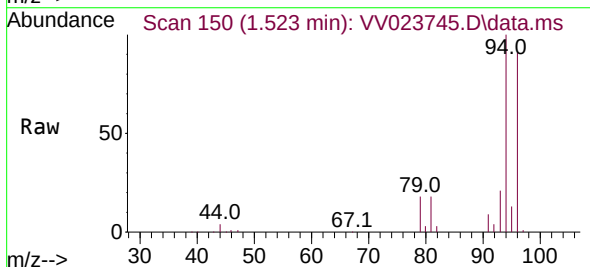
Instrument :
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 ClientSampleId :

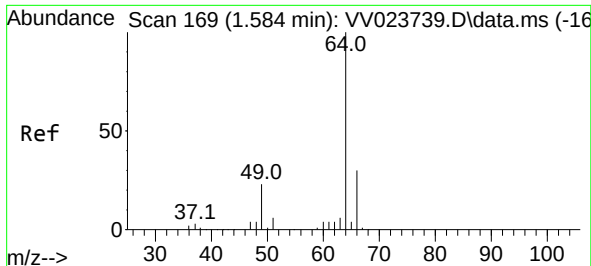
Tgt Ion: 62 Resp: 60330
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.4 41.6



#6
 Bromomethane
 Concen: 5.175 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Tgt Ion: 94 Resp: 36093
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.2 123.0

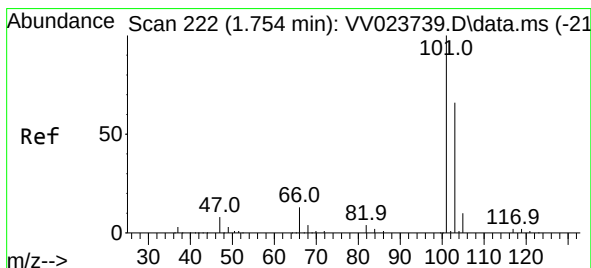
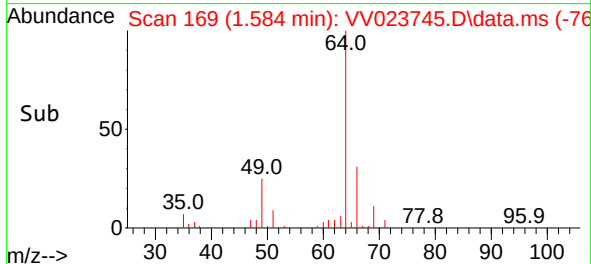
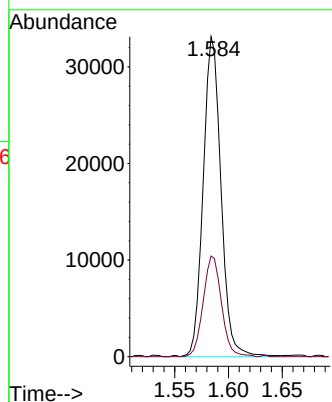
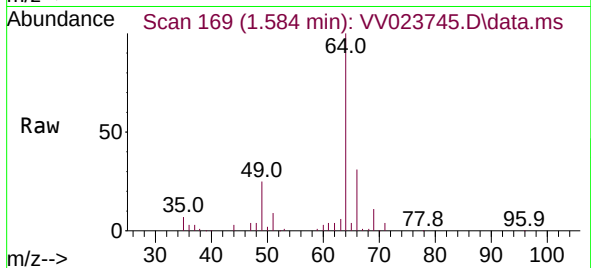




#8
Chloroethane
Concen: 4.896 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

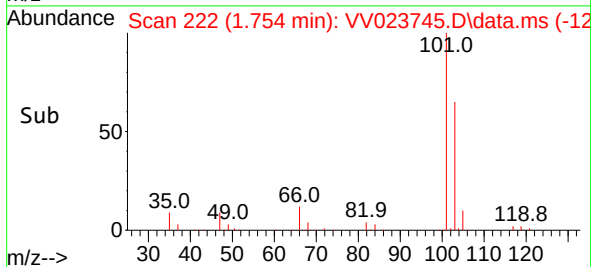
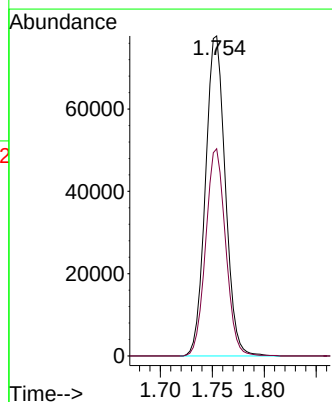
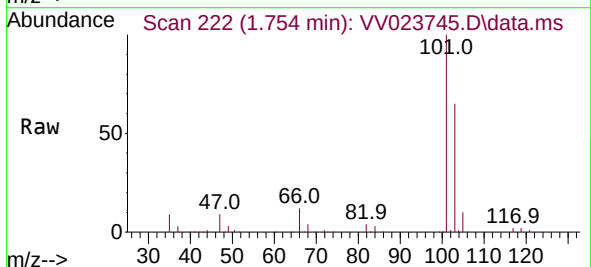
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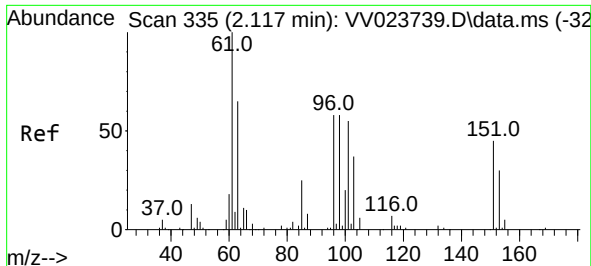
Tgt Ion: 64 Resp: 38161
Ion Ratio Lower Upper
64 100
66 31.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.138 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion:101 Resp: 102980
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

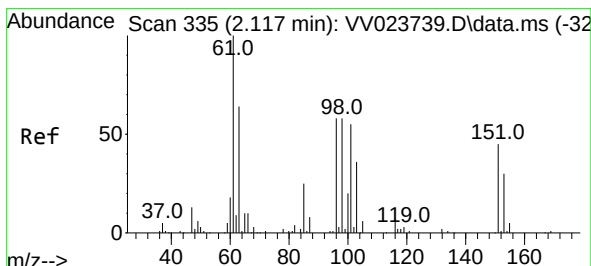
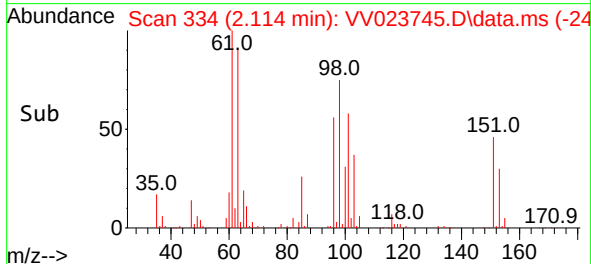
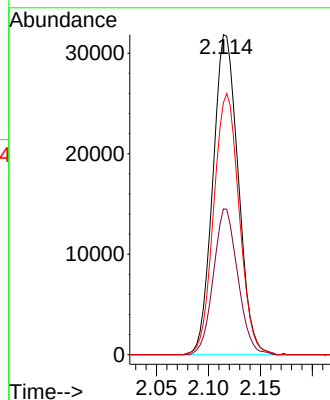
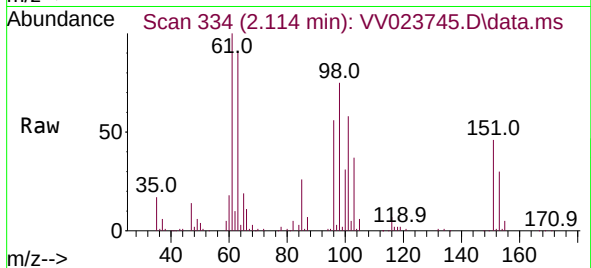




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.381 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

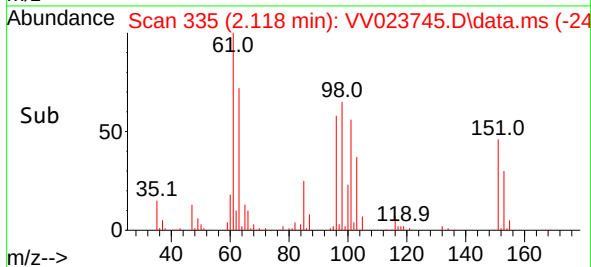
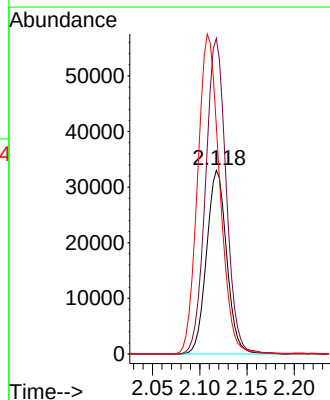
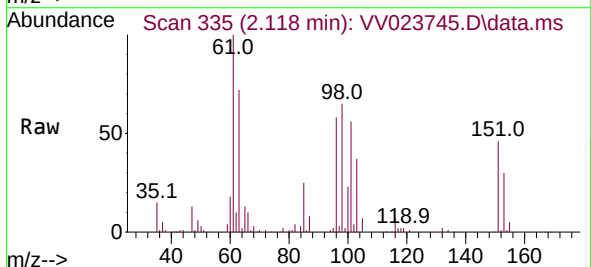
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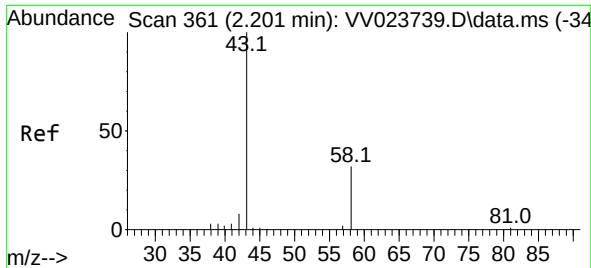
Tgt Ion:101 Resp: 54046
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.0 54.0
 151 82.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.139 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Tgt Ion: 96 Resp: 48889
 Ion Ratio Lower Upper
 96 100
 61 171.8 116.1 215.5
 63 124.0 79.4 147.4





#13

Acetone

Concen: 37.142 ug/L

RT: 2.201 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

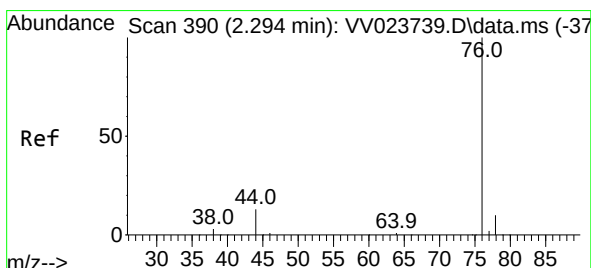
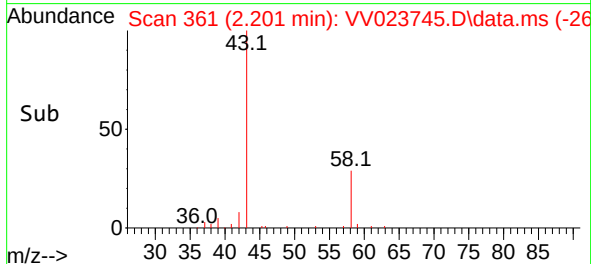
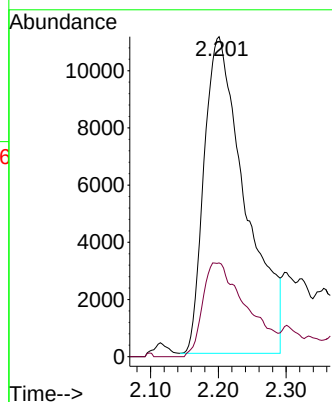
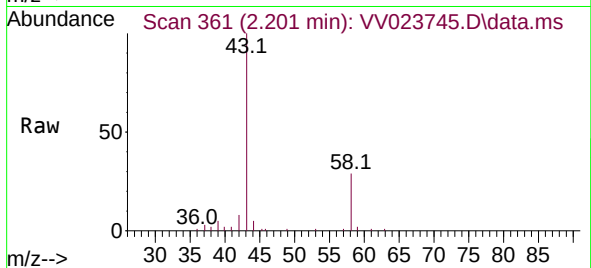
ClientSampleId :

Tgt Ion: 43 Resp: 46836

Ion Ratio Lower Upper

43 100

58 31.7 0.0 41.4



#14

Carbon disulfide

Concen: 4.931 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023745.D

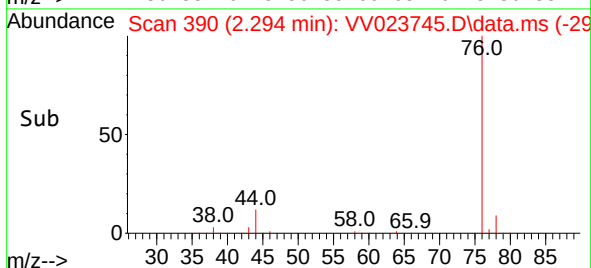
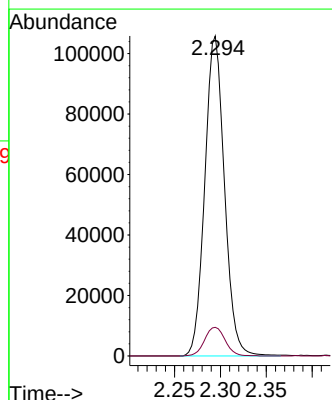
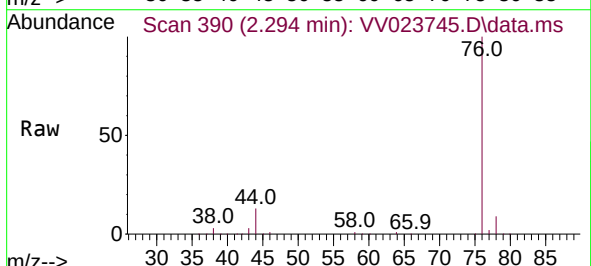
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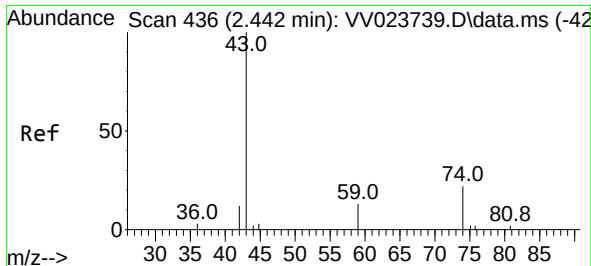
Tgt Ion: 76 Resp: 157683

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

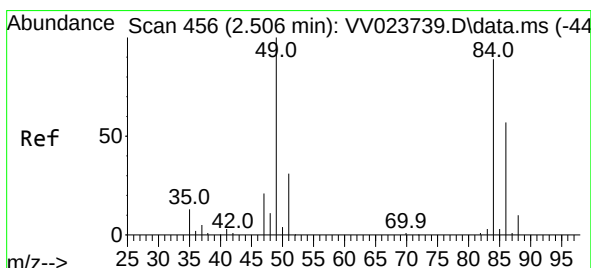
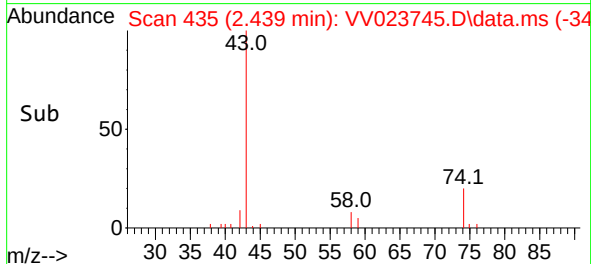
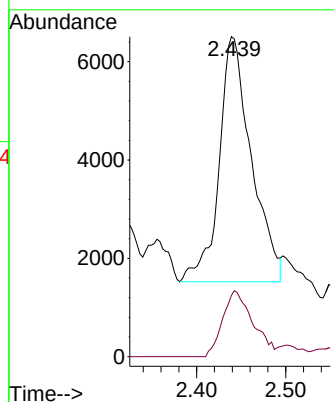
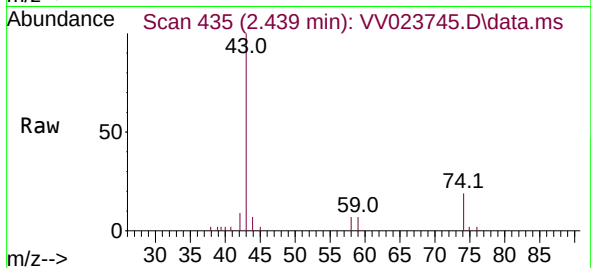




#15
Methyl Acetate
Concen: 4.389 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

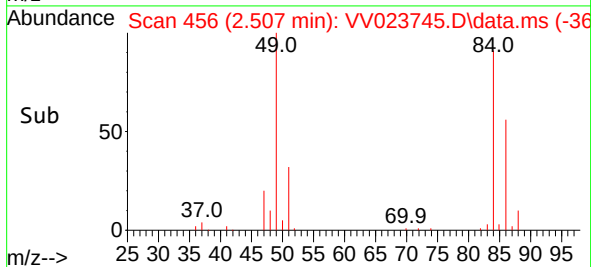
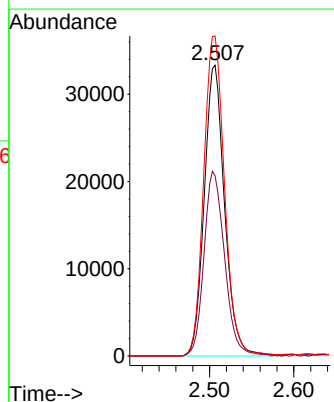
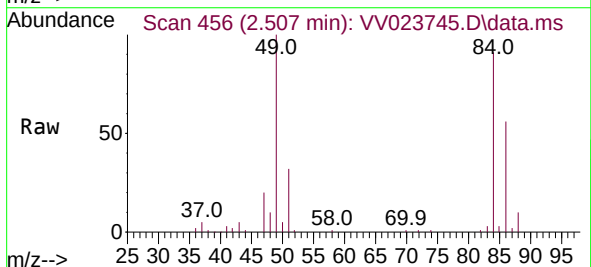
Instrument :
MSVOA_V
ClientSampleId :

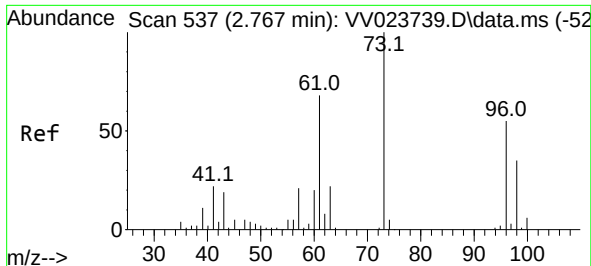
Tgt Ion: 43 Resp: 12563
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2



#16
Methylene chloride
Concen: 4.128 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 84 Resp: 56044
Ion Ratio Lower Upper
84 100
86 62.0 42.6 79.0
49 110.1 79.7 147.9

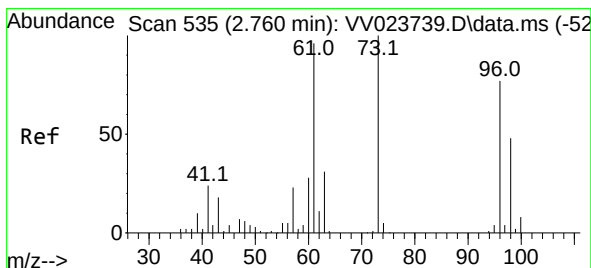
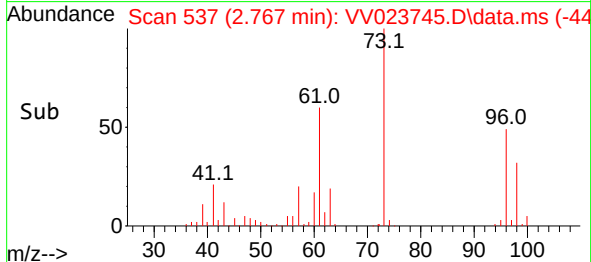
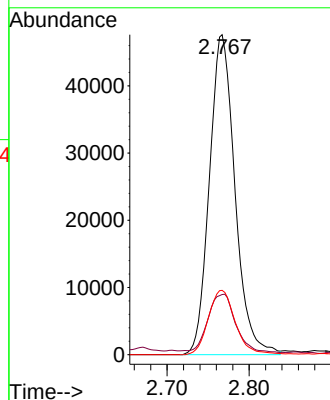
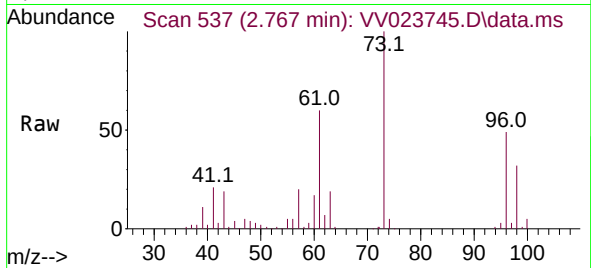




#17
Methyl tert-butyl Ether
Concen: 5.299 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

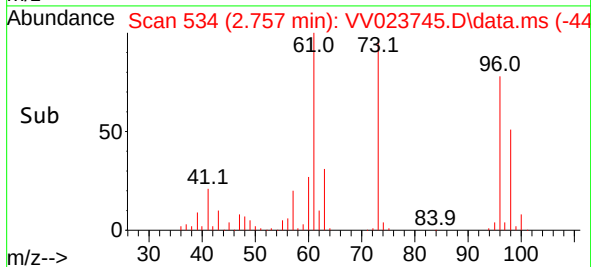
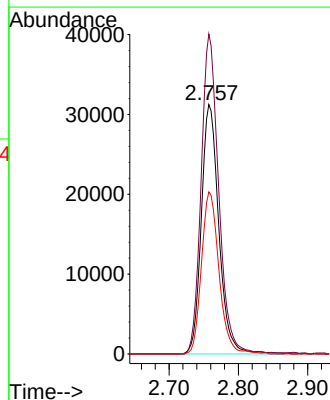
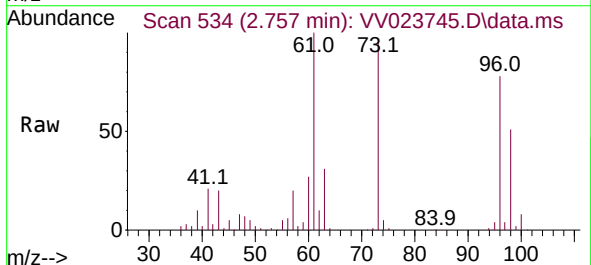
Instrument :
MSVOA_V
ClientSampleId :

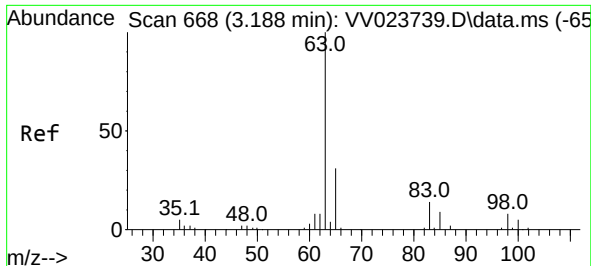
Tgt Ion: 73 Resp: 103313
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.049 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 96 Resp: 54711
Ion Ratio Lower Upper
96 100
61 128.3 88.2 163.8
98 65.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.179 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

ClientSampleId :

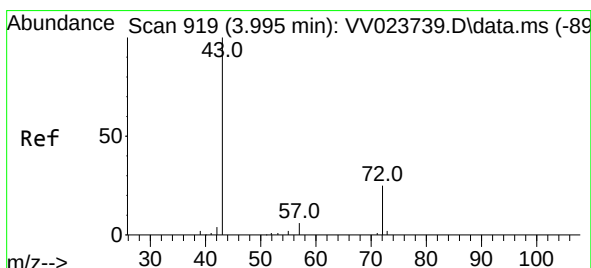
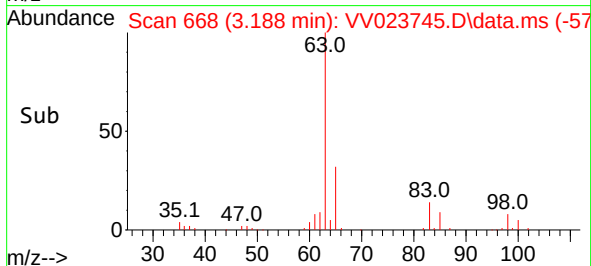
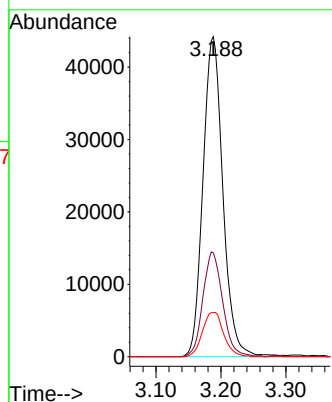
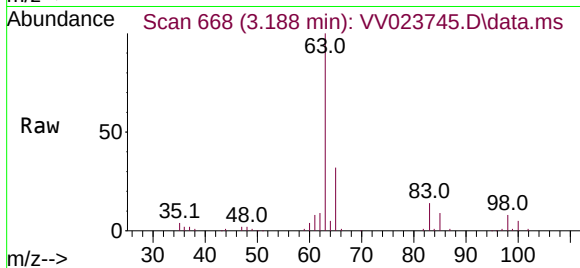
Tgt Ion: 63 Resp: 94367

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.3

83 13.8 10.7 19.9



#21

2-Butanone

Concen: 43.176 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.006 min

Lab File: VV023745.D

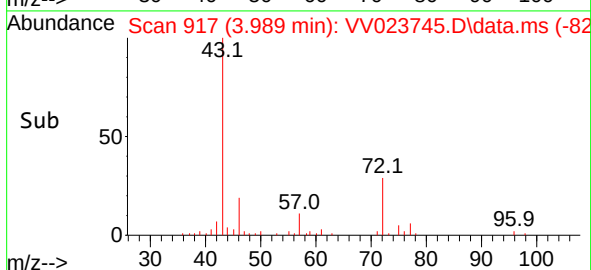
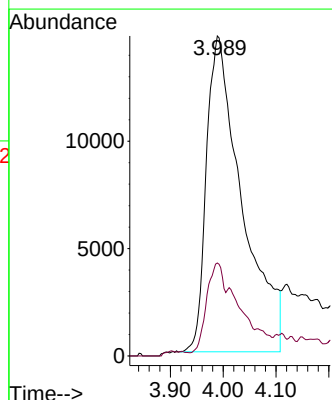
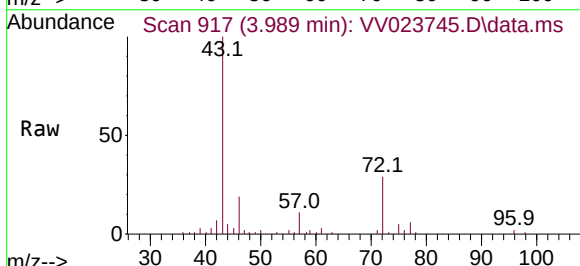
Acq: 30 Nov 2021 09:49

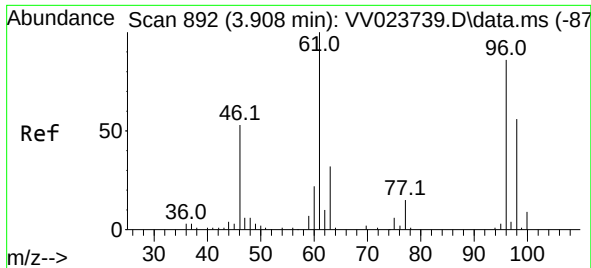
Tgt Ion: 43 Resp: 68910

Ion Ratio Lower Upper

43 100

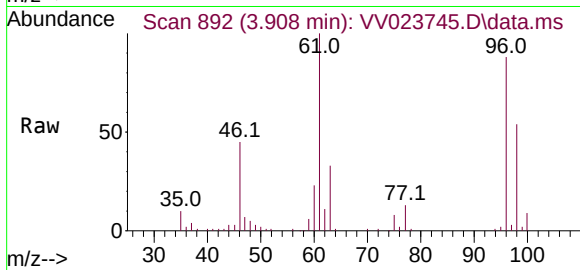
72 13.7 11.1 33.1





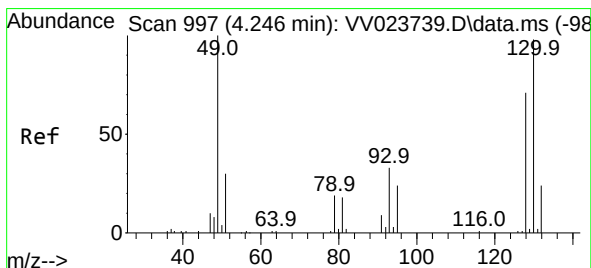
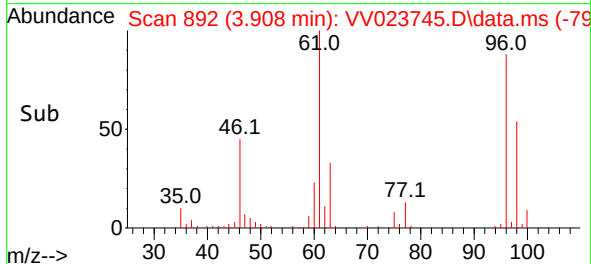
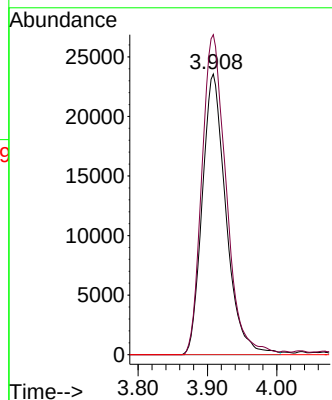
#22
 cis-1,2-Dichloroethene
 Concen: 5.385 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 55967

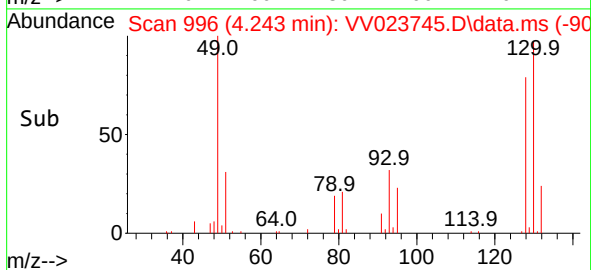
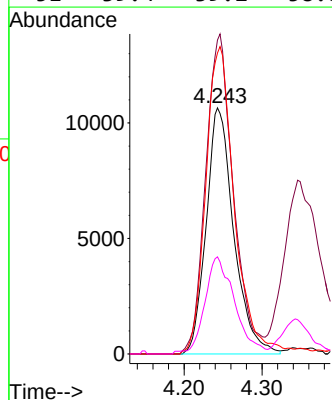
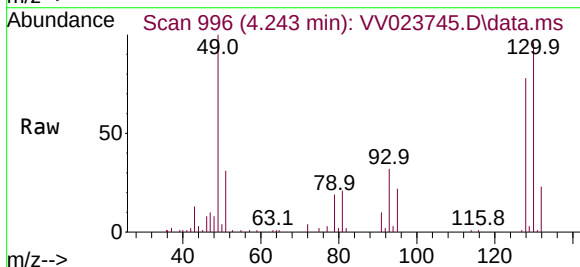
Ion	Ratio	Lower	Upper
96	100		
61	114.0	83.4	154.8
68	0.0	0.0	0.0

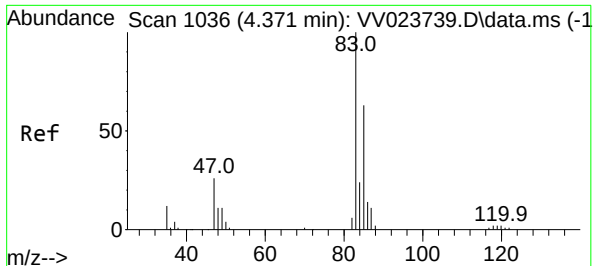


#23
 Bromochloromethane
 Concen: 5.363 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Tgt Ion: 128 Resp: 26156

Ion	Ratio	Lower	Upper
128	100		
49	127.6	100.2	186.2
130	122.3	92.5	171.7
51	39.4	39.2	58.8





#25

Chloroform

Concen: 5.134 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

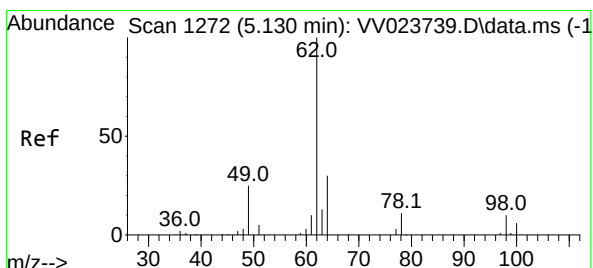
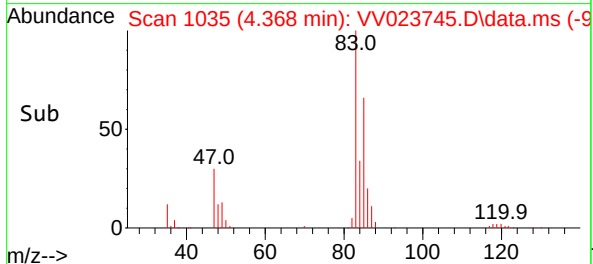
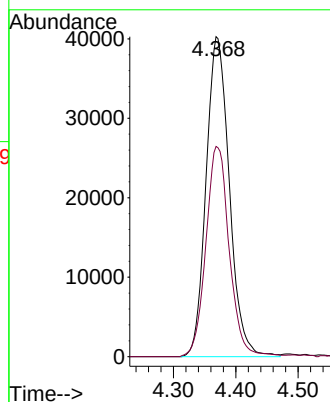
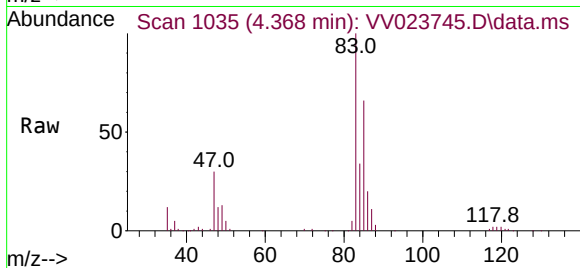
ClientSampleId :

Tgt Ion: 83 Resp: 104214

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.102 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV023745.D

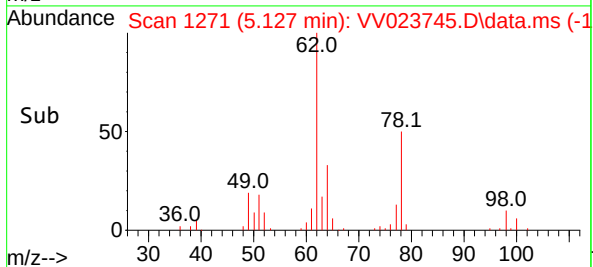
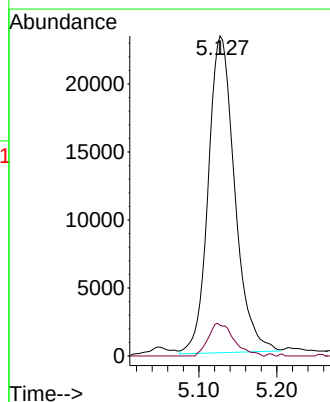
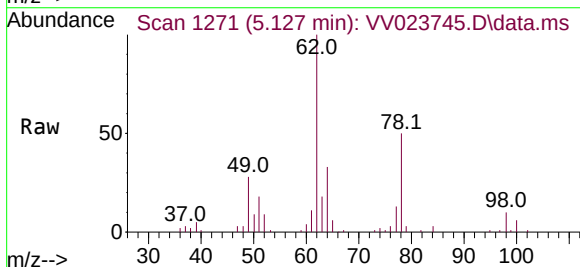
Acq: 30 Nov 2021 09:49

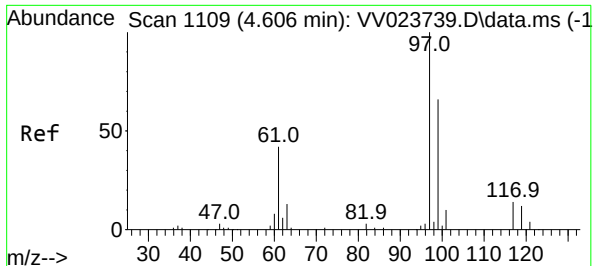
Tgt Ion: 62 Resp: 55060

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.533 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

ClientSampleId :

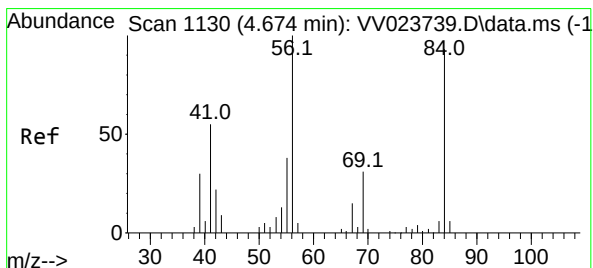
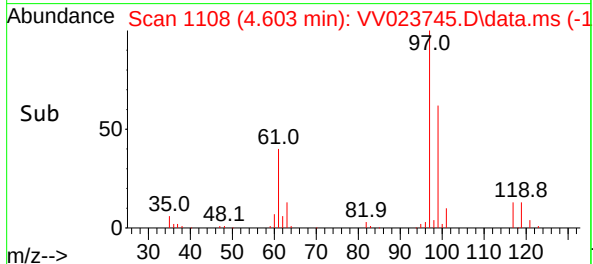
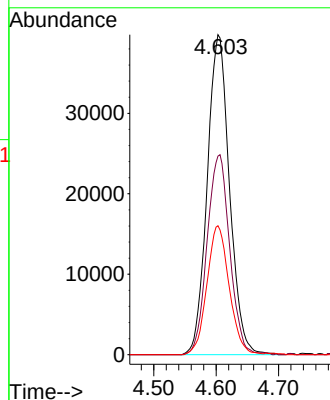
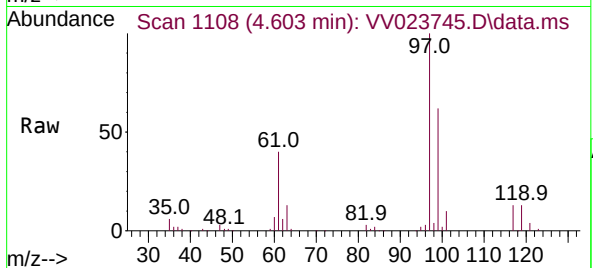
Tgt Ion: 97 Resp: 98889

Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 40.3 33.2 49.8



#30

Cyclohexane

Concen: 5.291 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

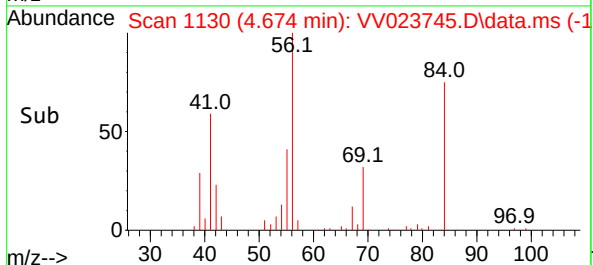
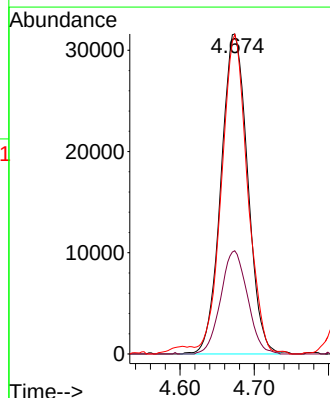
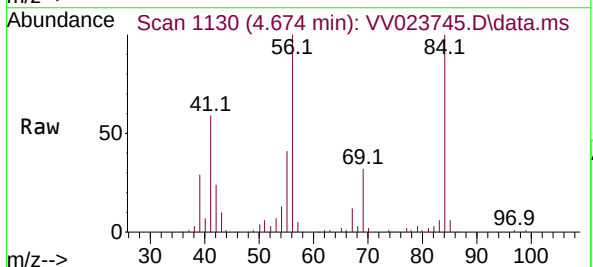
Tgt Ion: 56 Resp: 78905

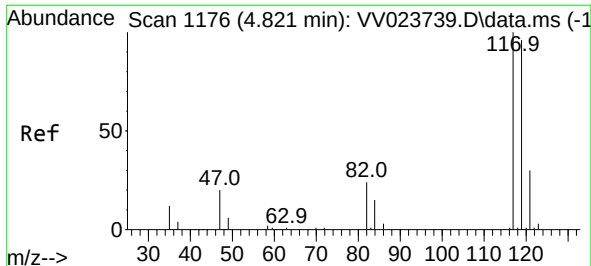
Ion Ratio Lower Upper

56 100

69 32.3 24.8 37.2

84 97.2 75.9 113.9

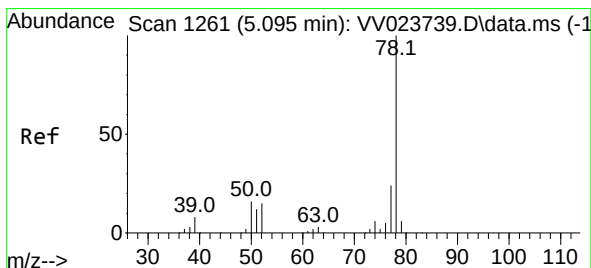
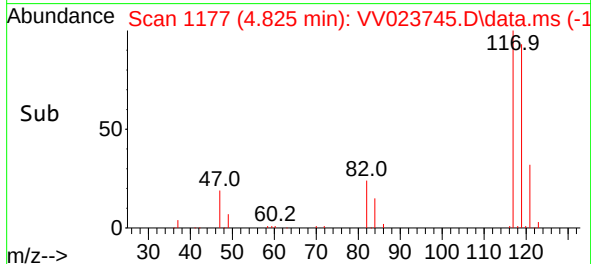
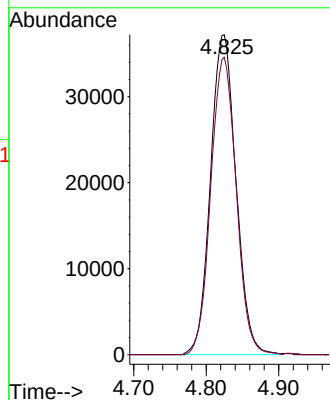
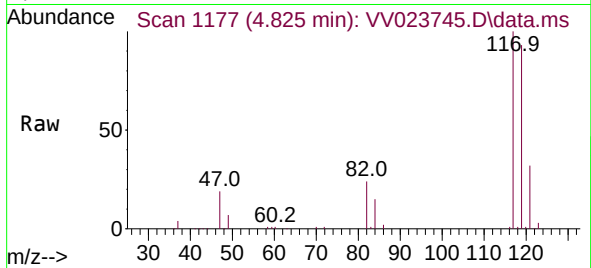




#31
Carbon tetrachloride
Concen: 5.559 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

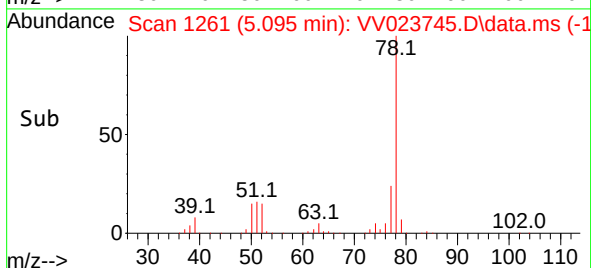
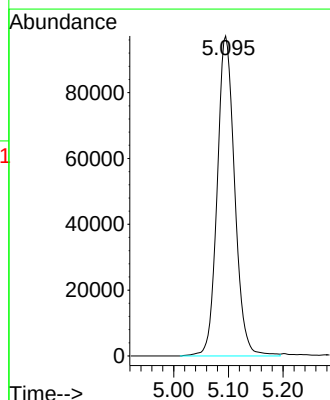
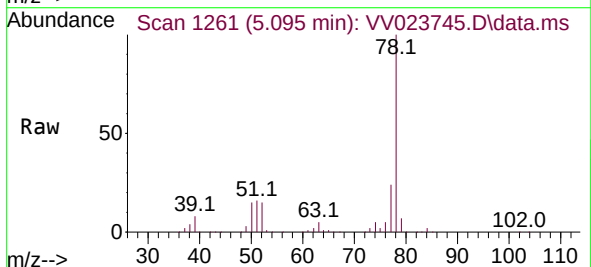
Instrument :
MSVOA_V
ClientSampleId :

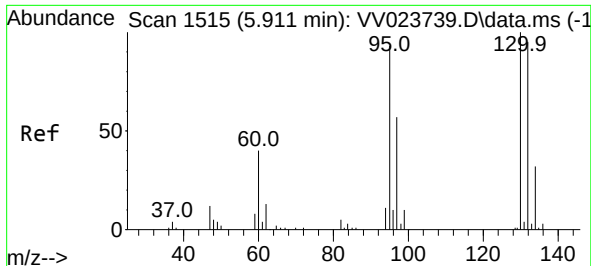
Tgt Ion:117 Resp: 90996
Ion Ratio Lower Upper
117 100
119 92.6 76.6 114.8



#33
Benzene
Concen: 5.534 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 78 Resp: 215778

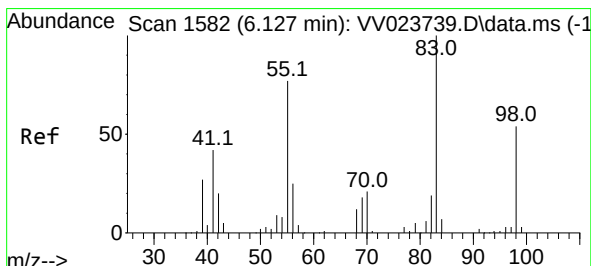
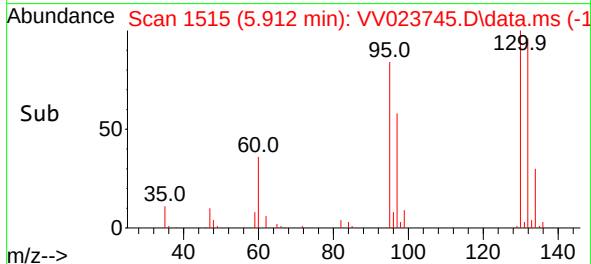
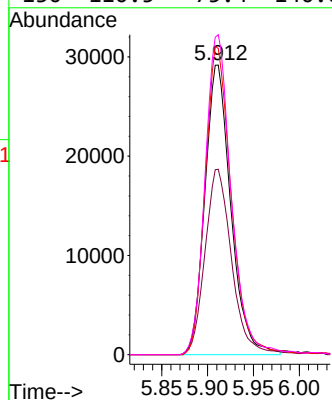
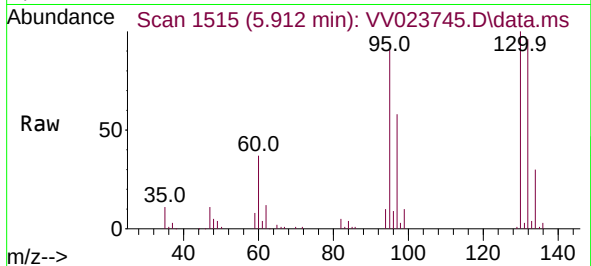




#34
Trichloroethene
Concen: 5.500 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

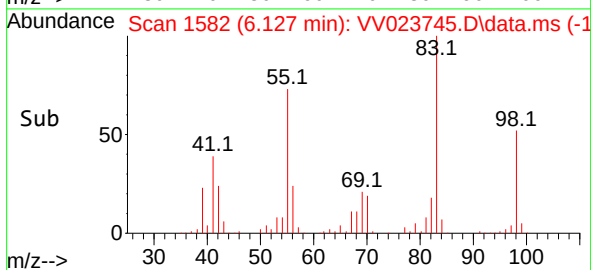
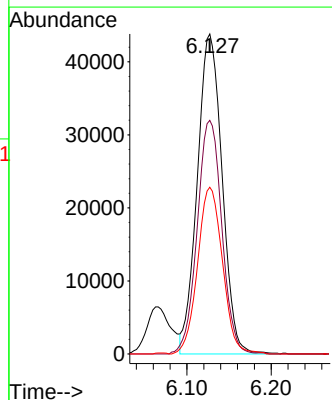
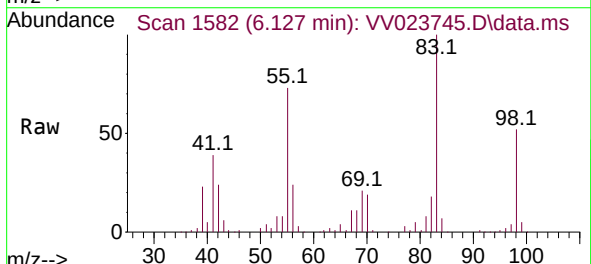
Instrument :
MSVOA_V
ClientSampleId :

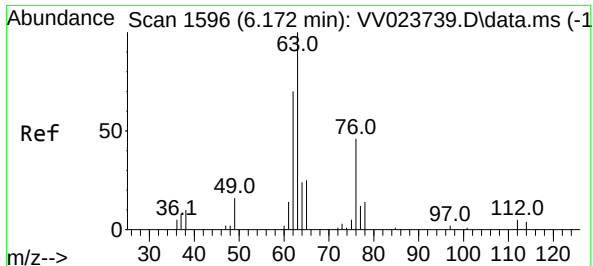
Tgt Ion: 95 Resp: 57442
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 105.7 76.1 141.3
130 110.5 75.4 140.0



#35
Methylcyclohexane
Concen: 5.523 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 83 Resp: 89933
Ion Ratio Lower Upper
83 100
55 72.3 60.2 90.2
98 52.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.450 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

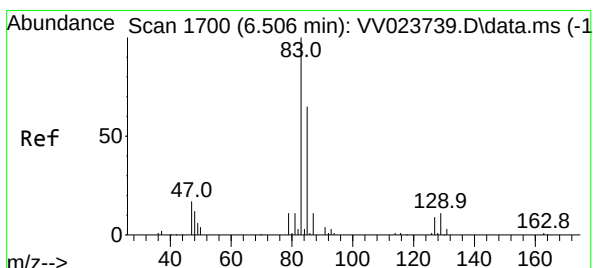
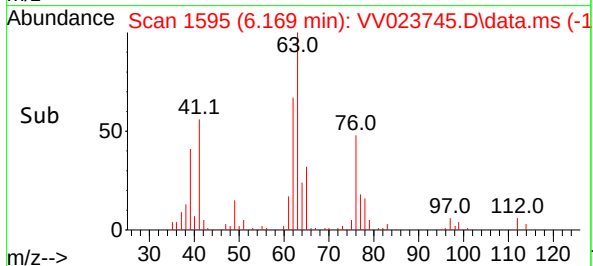
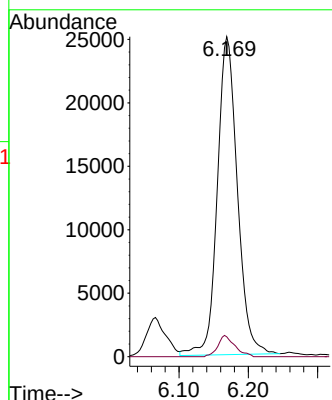
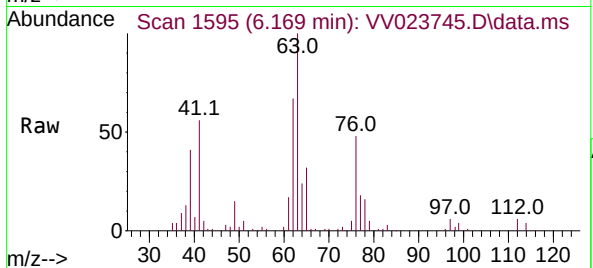
ClientSampleId :

Tgt Ion: 63 Resp: 50513

Ion Ratio Lower Upper

63 100

112 5.6 4.3 6.5



#38

Bromodichloromethane

Concen: 5.476 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

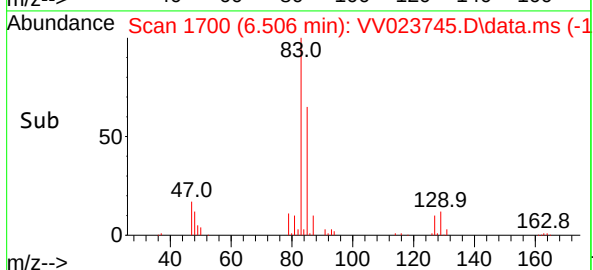
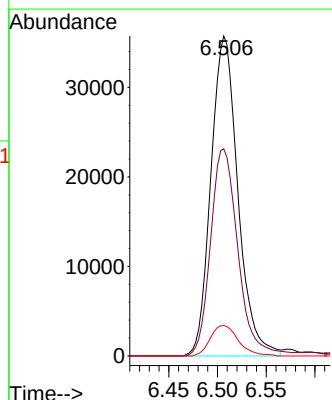
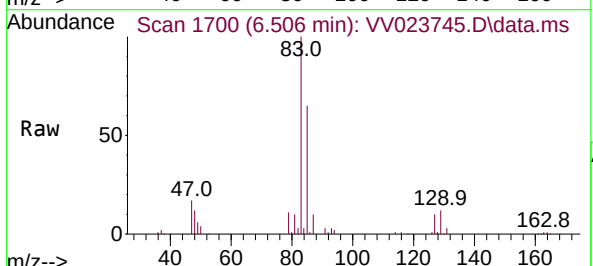
Tgt Ion: 83 Resp: 68881

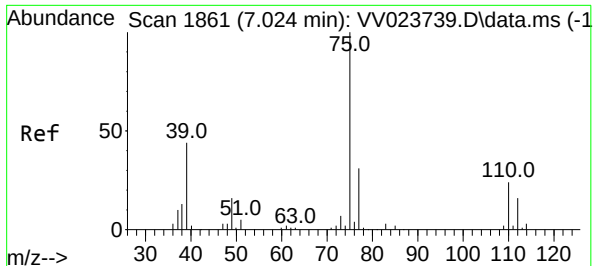
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.502 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

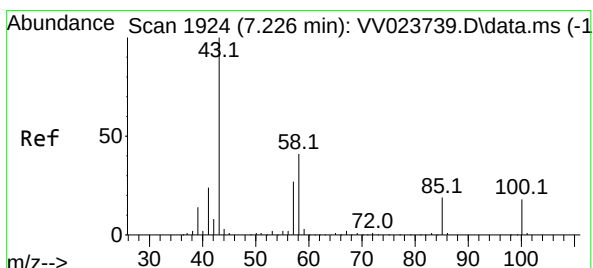
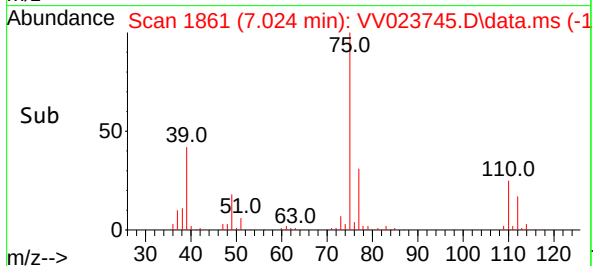
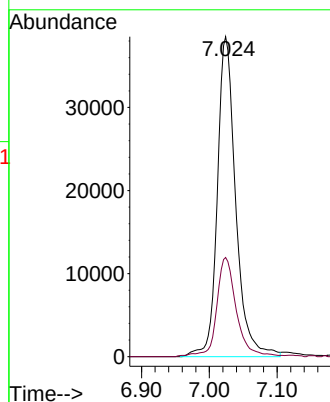
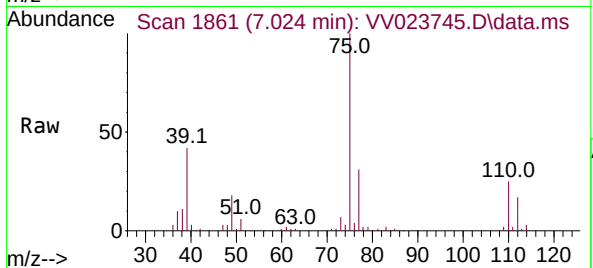
ClientSampleId :

Tgt Ion: 75 Resp: 72564

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.679 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

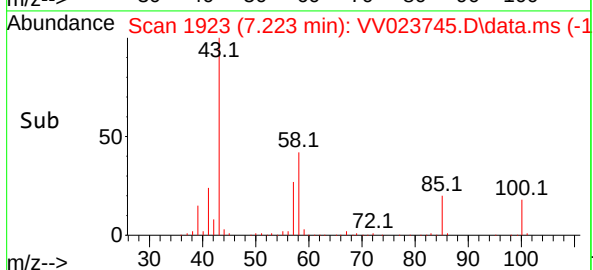
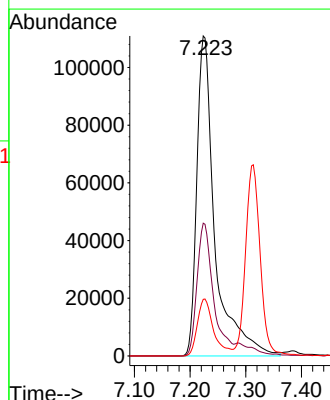
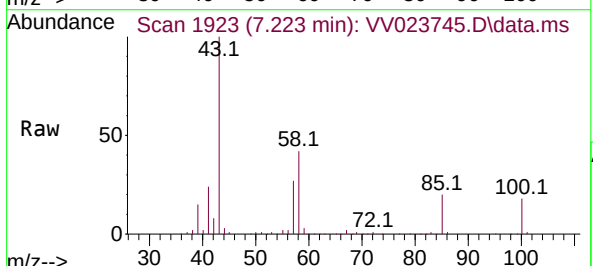
Tgt Ion: 43 Resp: 250746

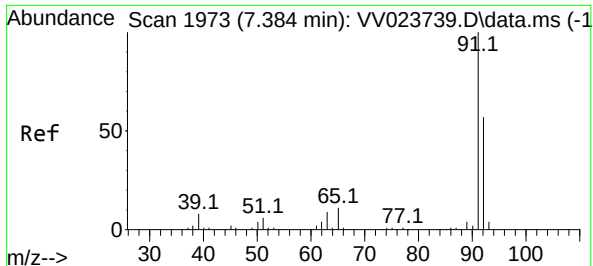
Ion Ratio Lower Upper

43 100

58 37.4 32.3 48.5

100 16.0 13.0 19.6





#42

Toluene

Concen: 5.733 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

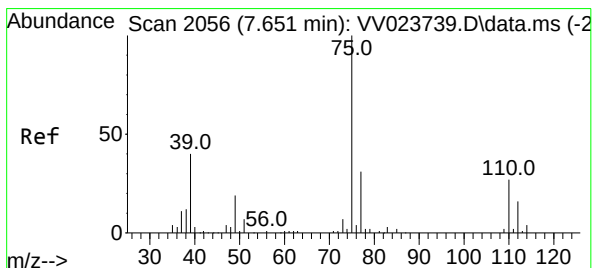
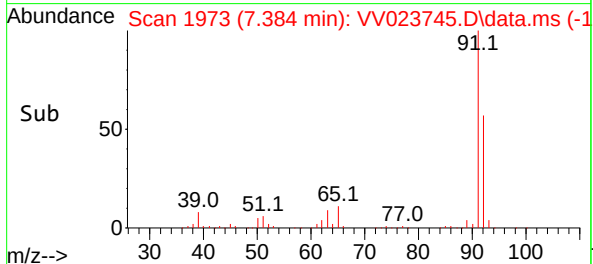
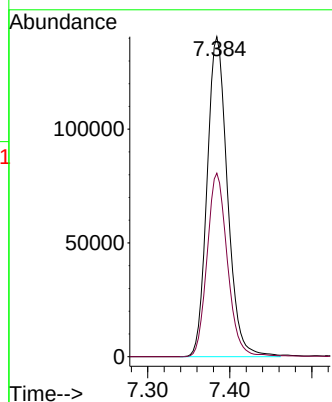
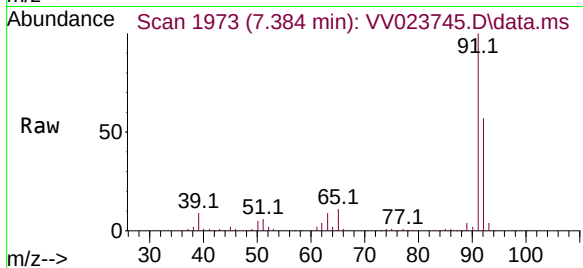
ClientSampleId :

Tgt Ion: 91 Resp: 242400

Ion Ratio Lower Upper

91 100

92 57.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.792 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023745.D

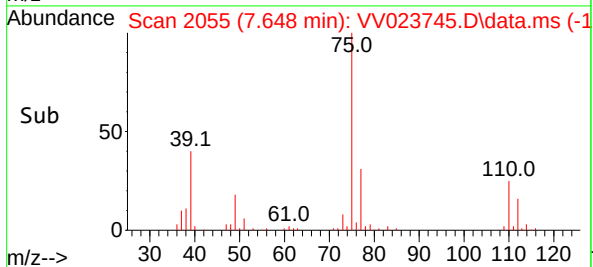
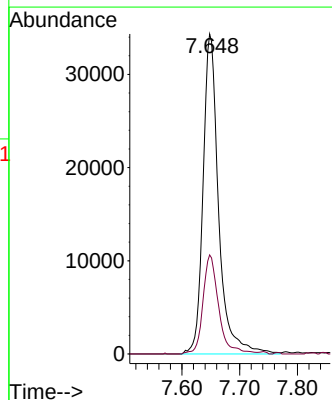
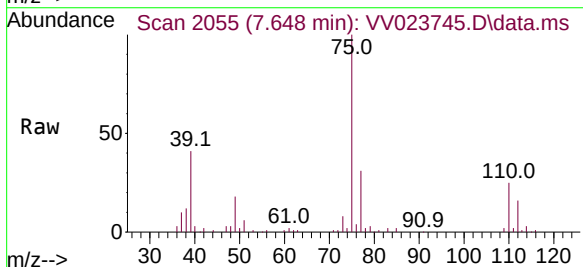
Acq: 30 Nov 2021 09:49

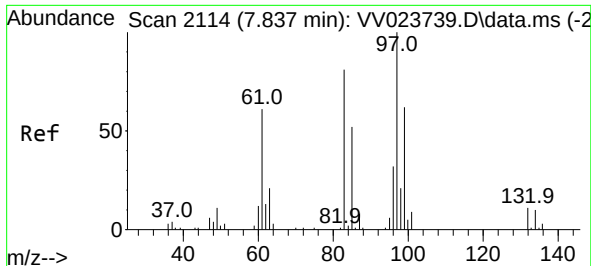
Tgt Ion: 75 Resp: 64204

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.709 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 36636

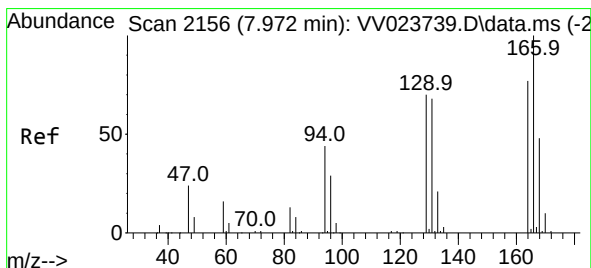
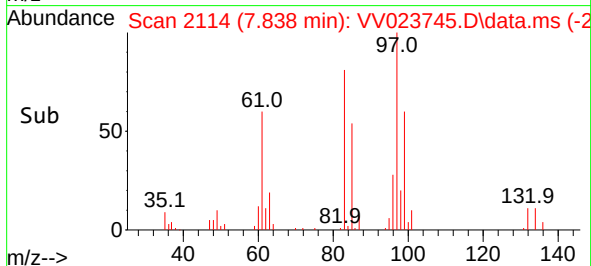
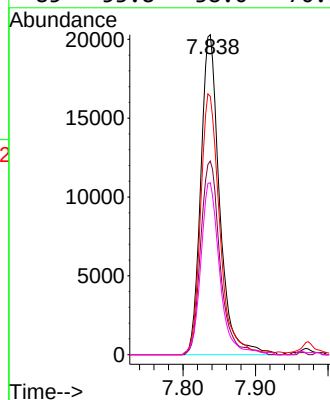
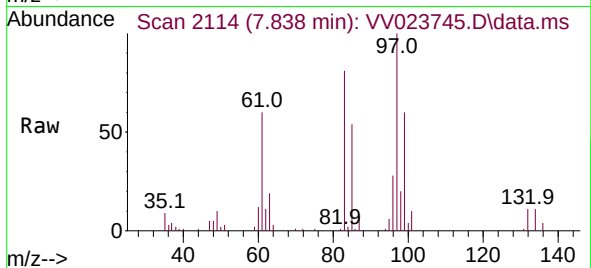
Ion Ratio Lower Upper

97 100

99 60.5 43.1 80.1

83 80.7 57.9 107.5

85 53.8 38.0 70.6



#47

Tetrachloroethene

Concen: 5.616 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Tgt Ion:164 Resp: 53391

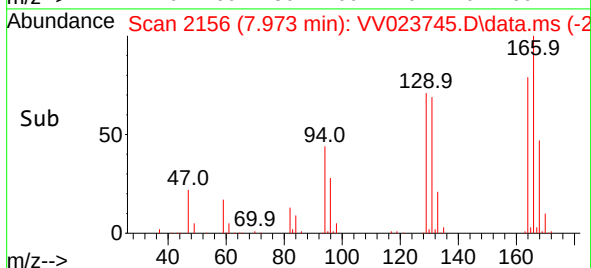
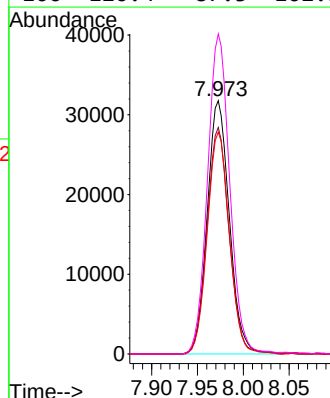
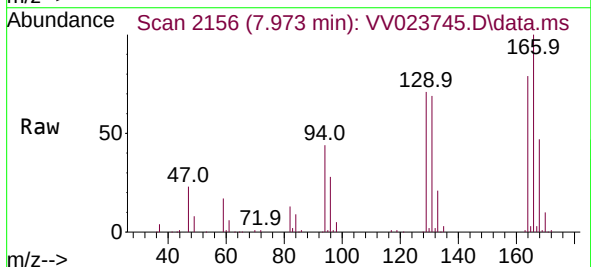
Ion Ratio Lower Upper

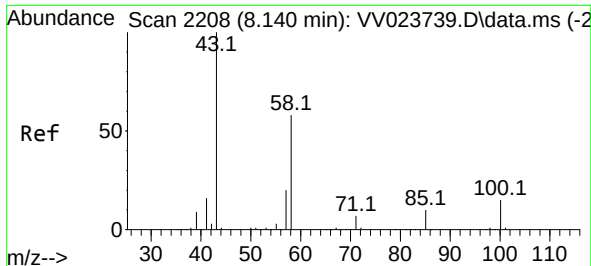
164 100

129 89.4 62.6 116.2

131 87.7 61.0 113.4

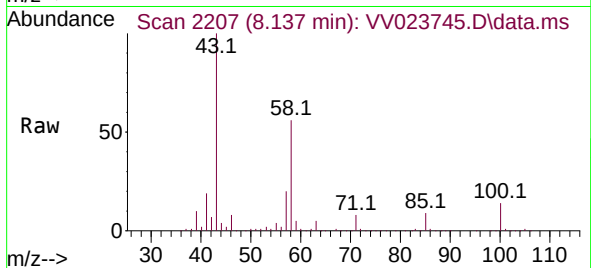
166 126.4 87.3 162.1



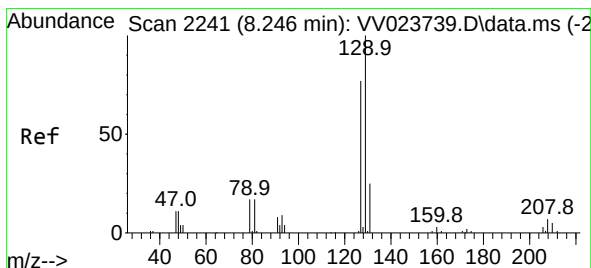
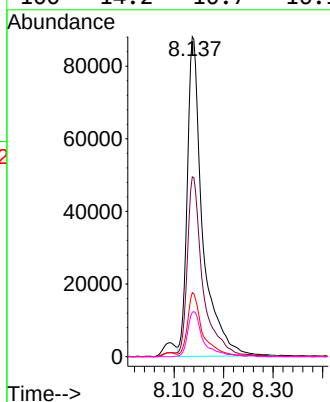
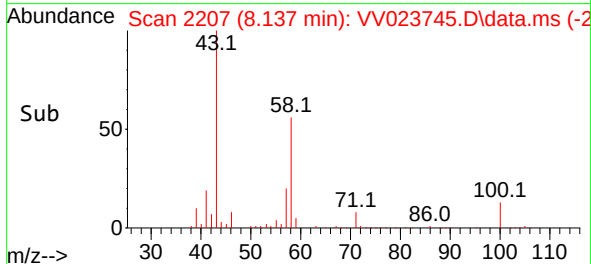


#48
2-Hexanone
Concen: 57.850 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Instrument :
MSVOA_V
ClientSampleId :

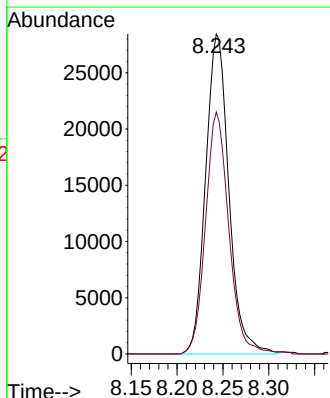
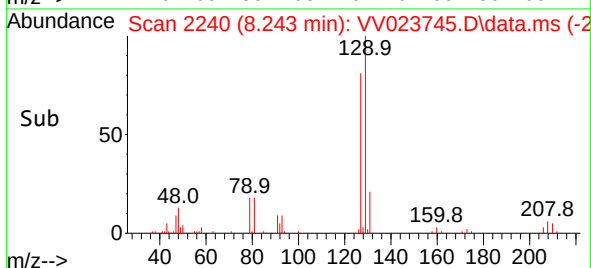
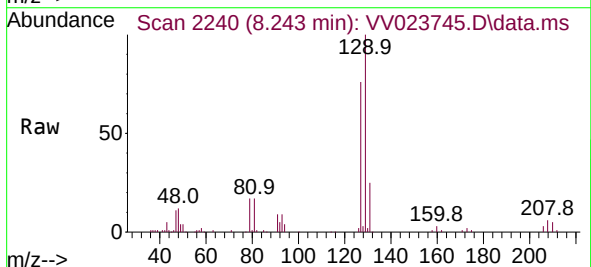


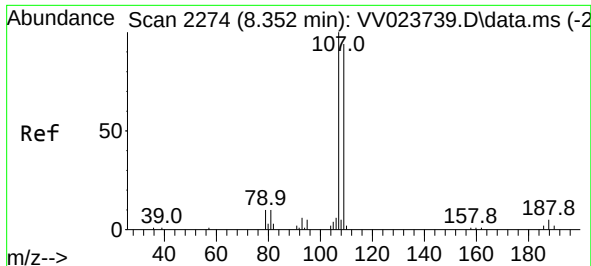
Tgt Ion: 43 Resp: 189160
Ion Ratio Lower Upper
43 100
58 56.4 44.5 66.7
57 19.0 15.1 22.7
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 5.712 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 129 Resp: 50229
Ion Ratio Lower Upper
129 100
127 75.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.622 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023745.D

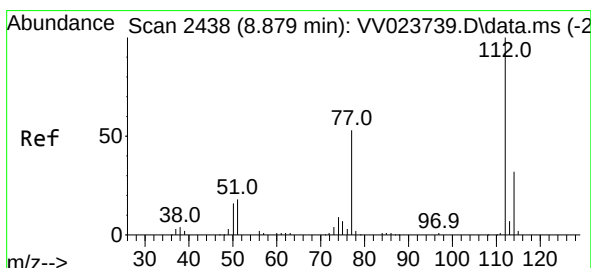
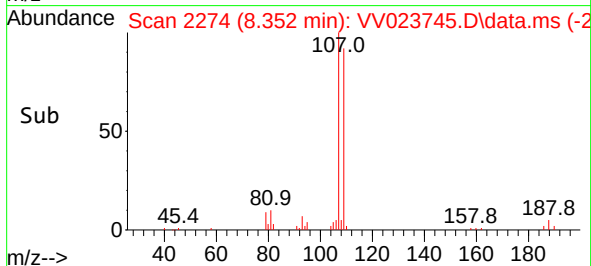
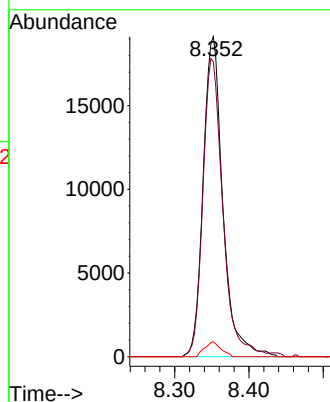
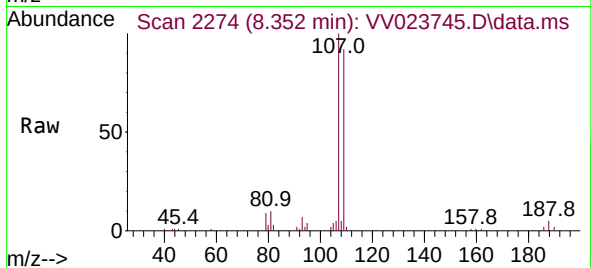
Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	35178
Ion Ratio	Lower	Upper
107	100	
109	92.2	62.5 116.1
188	4.7	3.4 5.2



#51

Chlorobenzene

Concen: 5.535 ug/L

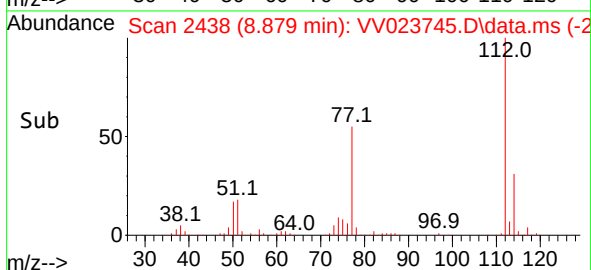
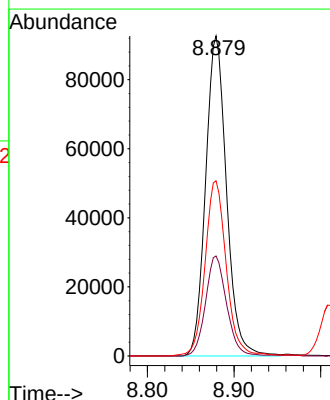
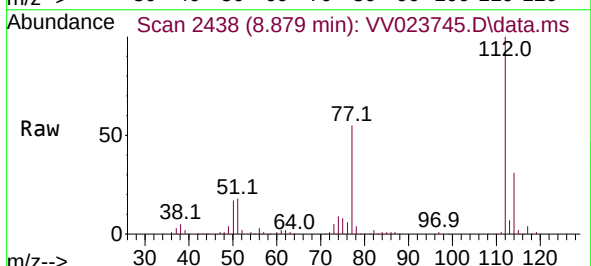
RT: 8.879 min Scan# 2438

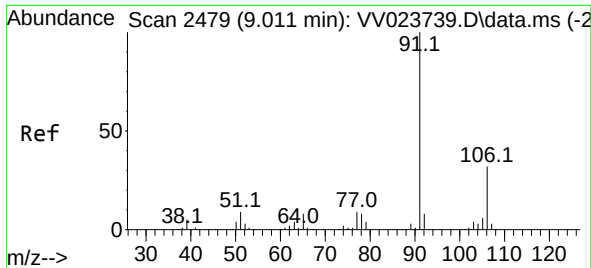
Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Tgt Ion:112	Resp:	155148
Ion Ratio	Lower	Upper
112	100	
114	31.2	23.3 43.3
77	54.8	43.3 64.9

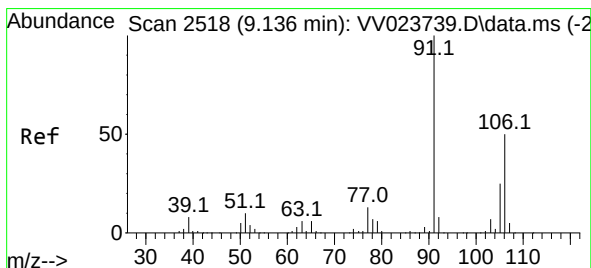
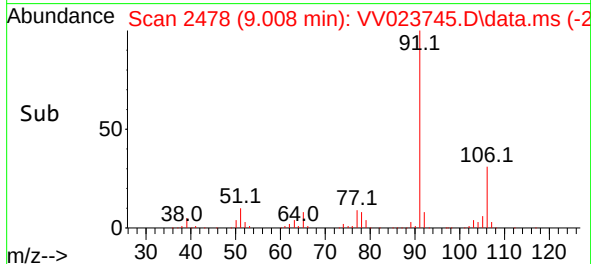
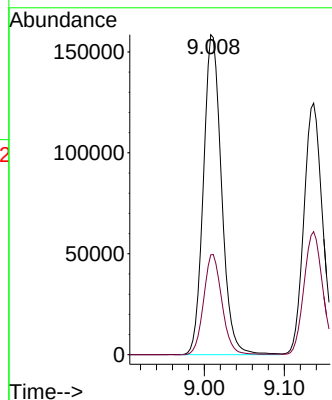
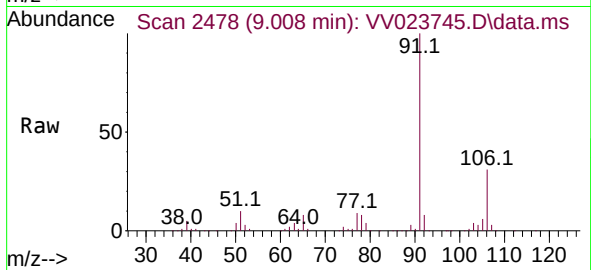




#52
Ethylbenzene
Concen: 5.663 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

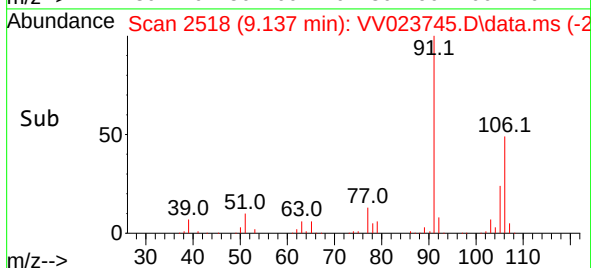
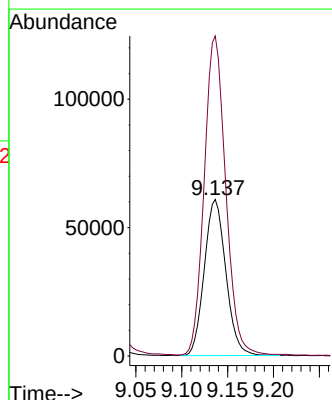
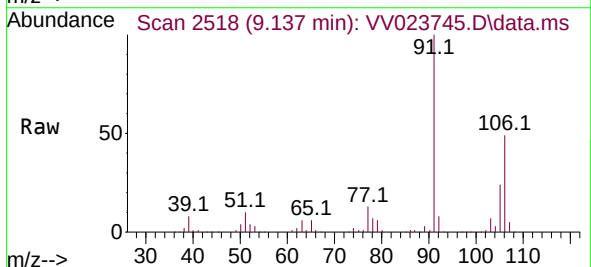
Instrument :
MSVOA_V
ClientSampleId :

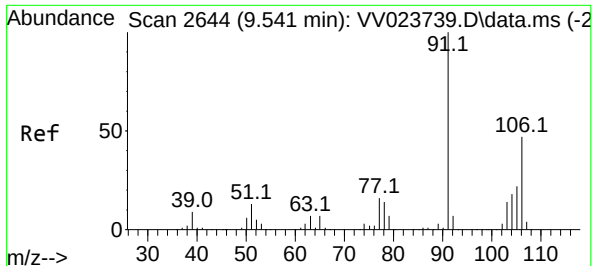
Tgt Ion: 91 Resp: 250305
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-xylene
Concen: 5.655 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion:106 Resp: 99478
Ion Ratio Lower Upper
106 100
91 204.6 139.5 259.1

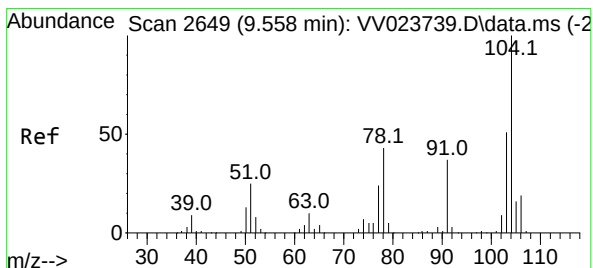
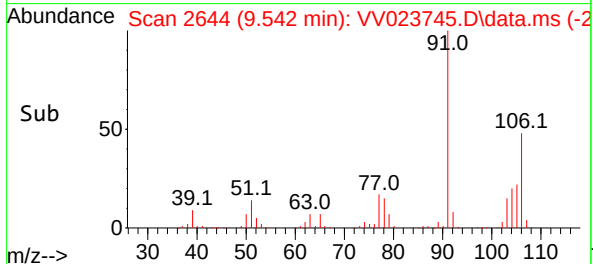
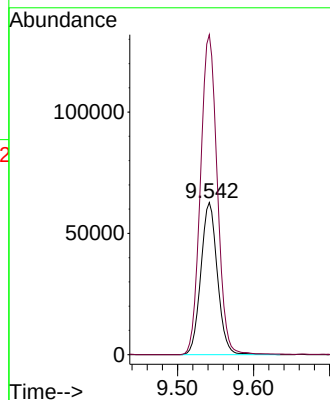
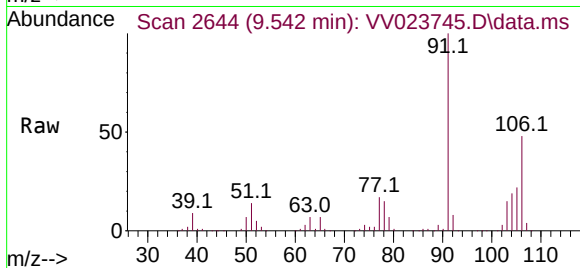




#54
o-xylene
Concen: 5.672 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

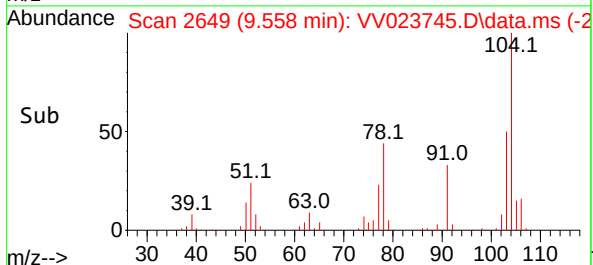
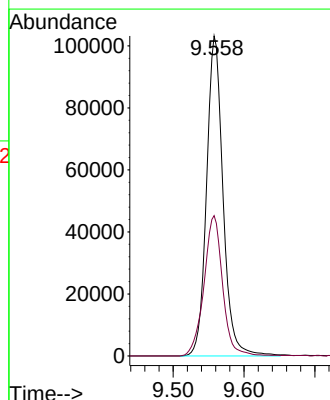
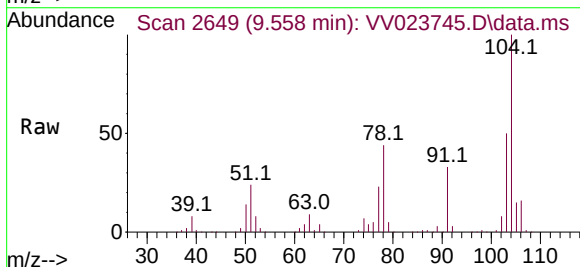
Instrument :
MSVOA_V
ClientSampleId :

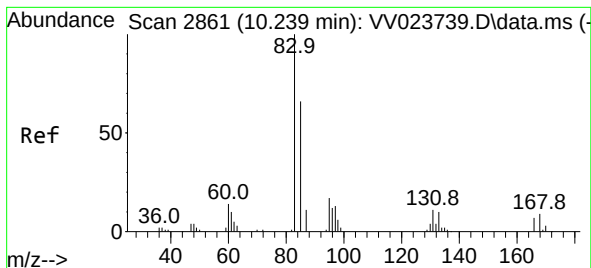
Tgt Ion:106 Resp: 94879
Ion Ratio Lower Upper
106 100
91 210.2 147.9 274.7



#55
Styrene
Concen: 5.915 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion:104 Resp: 166714
Ion Ratio Lower Upper
104 100
78 43.9 31.0 57.6

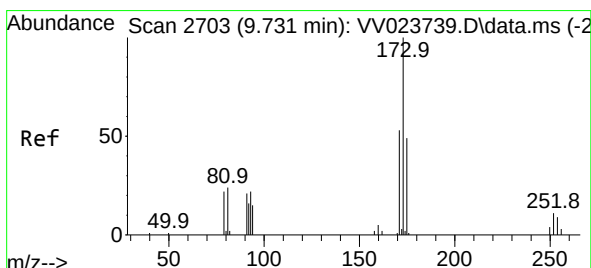
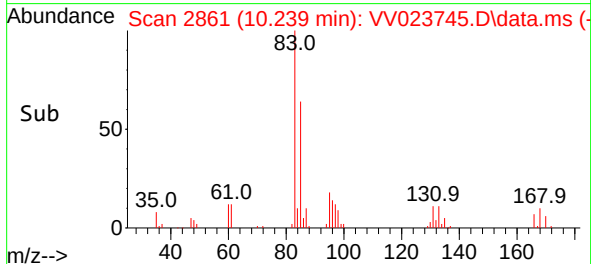
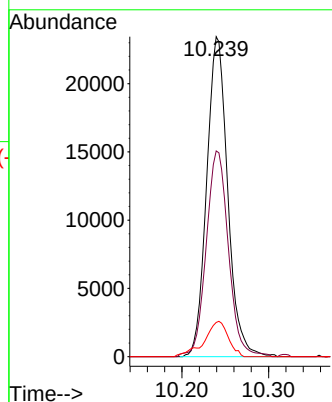
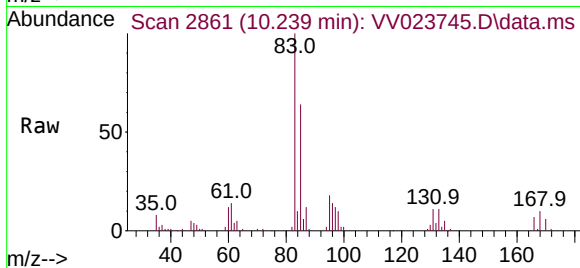




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.537 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

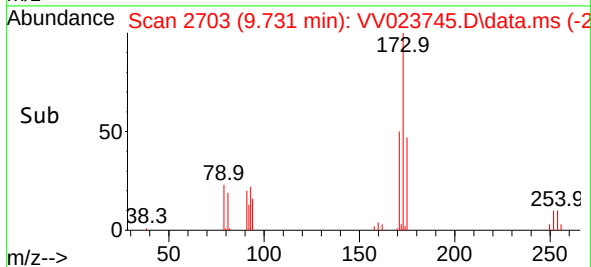
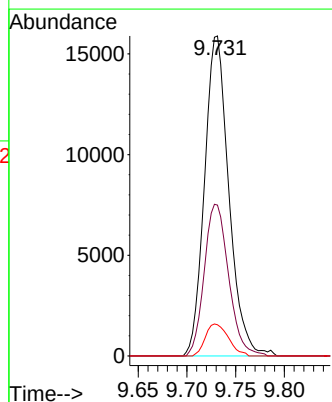
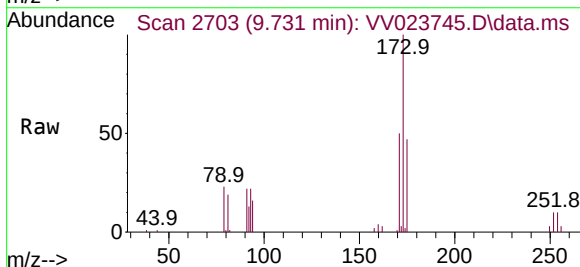
Instrument :
 MSVOA_V
 ClientSampleId :

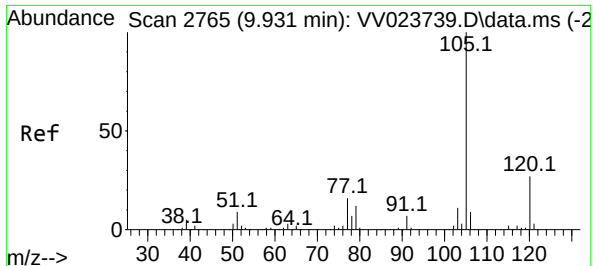
Tgt Ion: 83 Resp: 39532
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.6 82.8
 131 10.7 8.3 12.5



#59
 Bromoform
 Concen: 5.348 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

Tgt Ion: 173 Resp: 27619
 Ion Ratio Lower Upper
 173 100
 175 47.5 39.4 59.2
 254 9.5 7.4 11.0

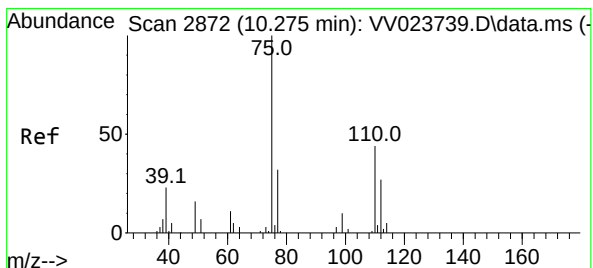
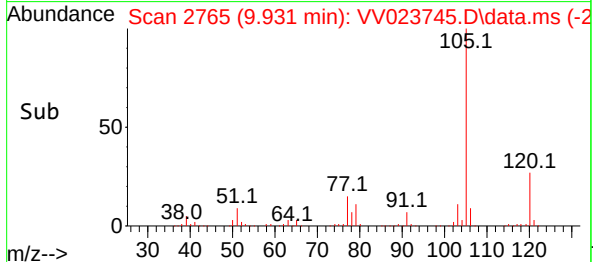
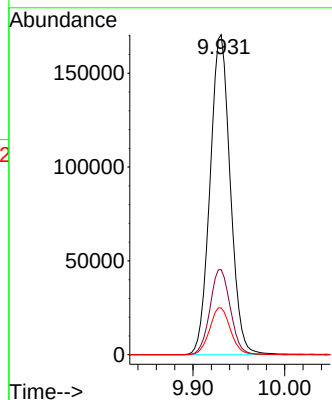
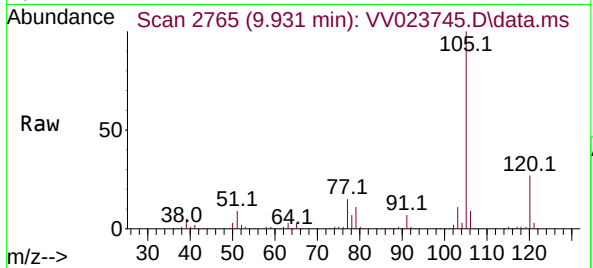




#60
Isopropylbenzene
Concen: 5.593 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

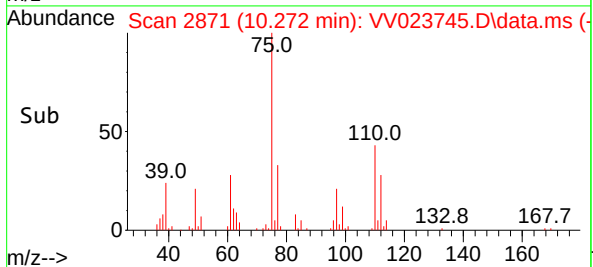
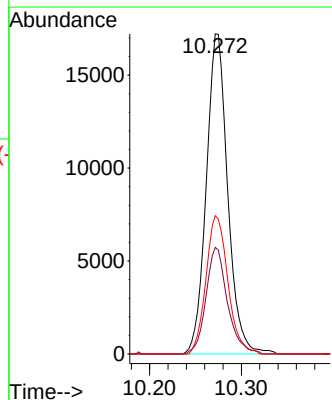
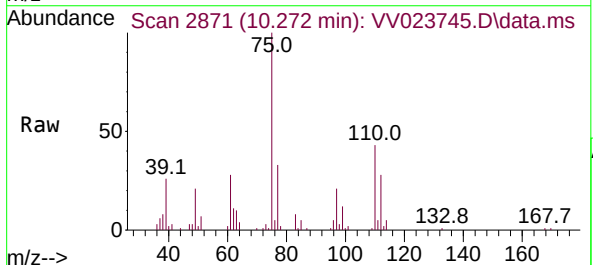
Instrument :
MSVOA_V
ClientSampleId :

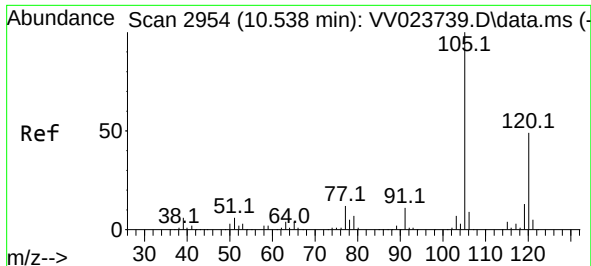
Tgt Ion:105 Resp: 261139
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion: 75 Resp: 27931
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 44.2 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.626 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023745.D

Acq: 30 Nov 2021 09:49

Instrument :

MSVOA_V

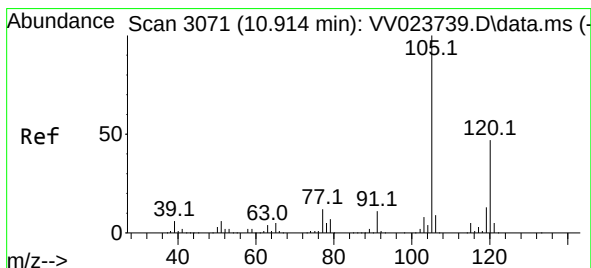
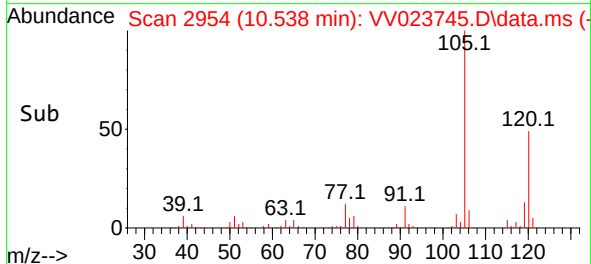
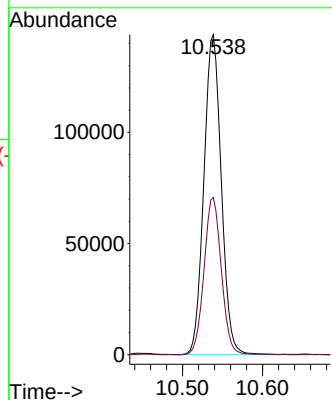
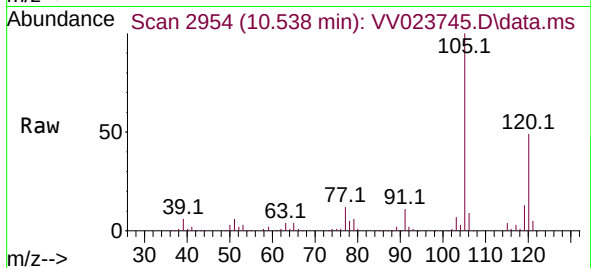
ClientSampleId :

Tgt Ion:105 Resp: 218560

Ion Ratio Lower Upper

105 100

120 48.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.694 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV023745.D

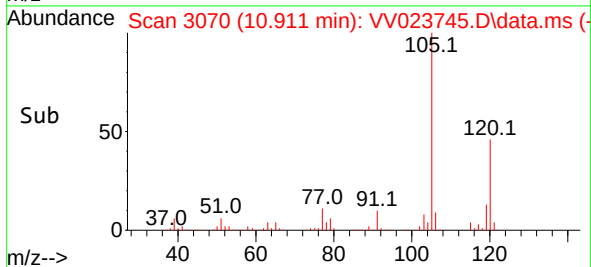
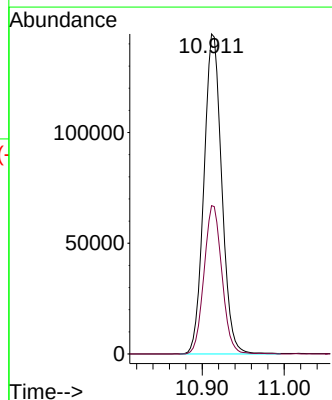
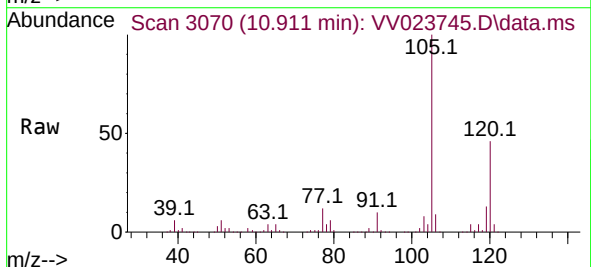
Acq: 30 Nov 2021 09:49

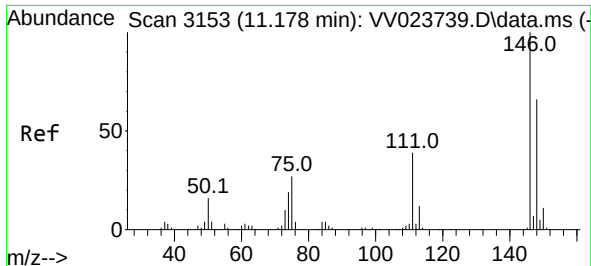
Tgt Ion:105 Resp: 218749

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1

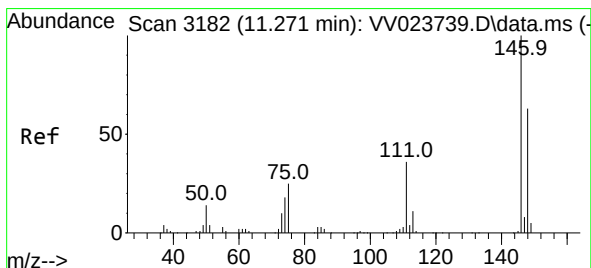
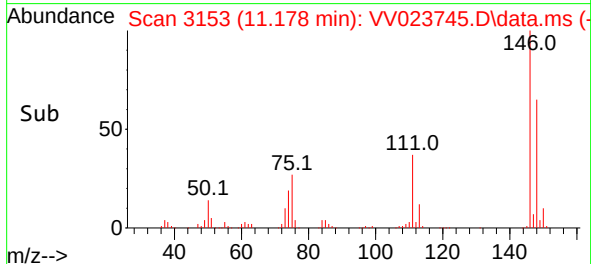
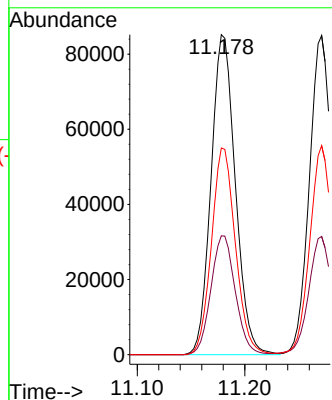
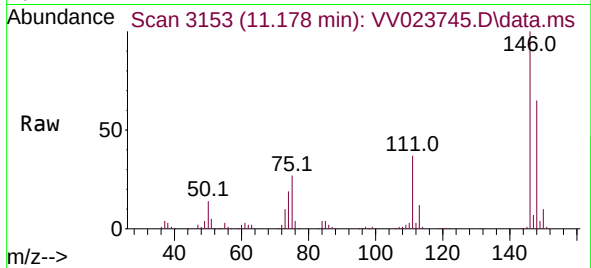




#64
1,3-Dichlorobenzene
Concen: 5.593 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

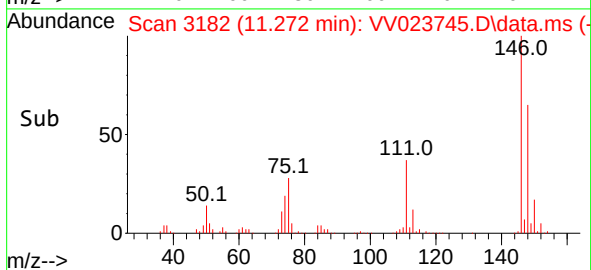
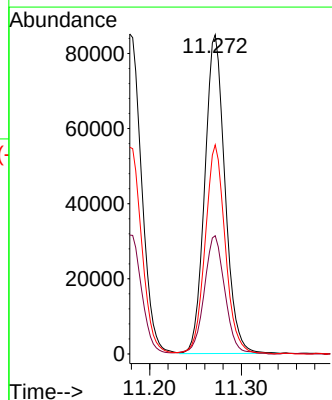
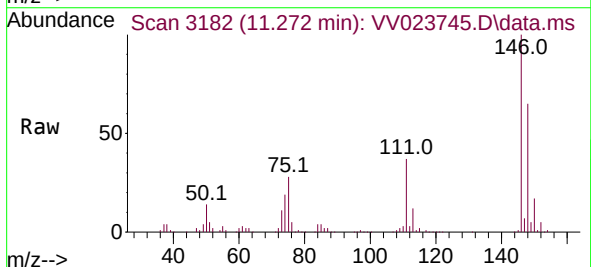
Instrument :
MSVOA_V
ClientSampleId :

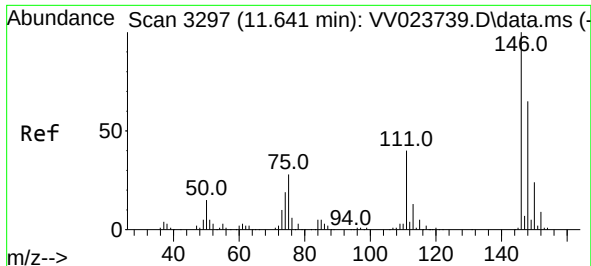
Tgt Ion:146 Resp: 133511
Ion Ratio Lower Upper
146 100
111 37.1 26.3 48.9
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.423 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion:146 Resp: 130121
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.6
148 65.5 44.8 83.2

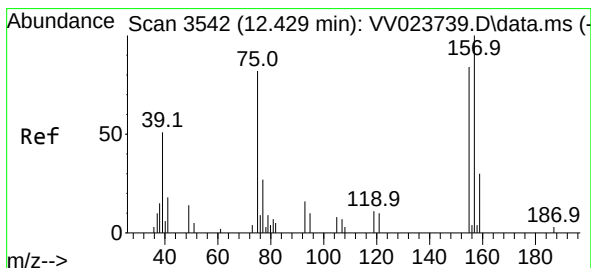
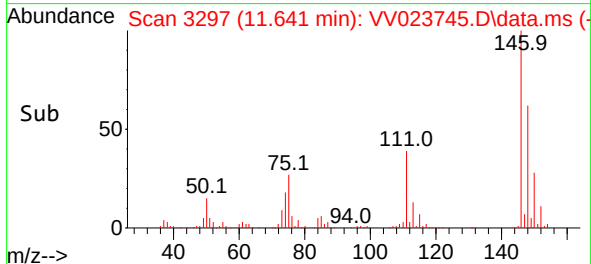
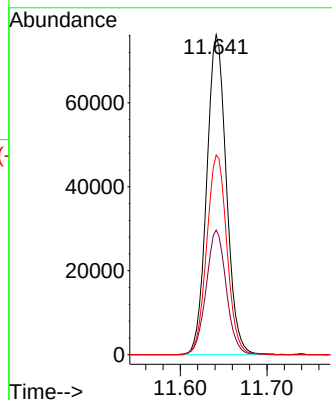
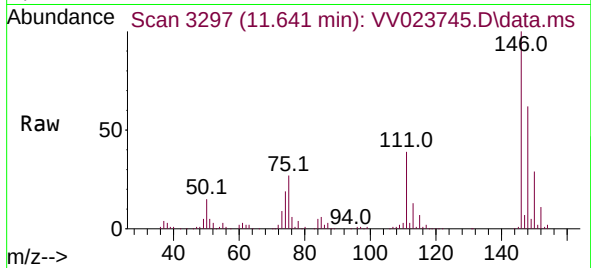




#67
1,2-Dichlorobenzene
Concen: 5.498 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

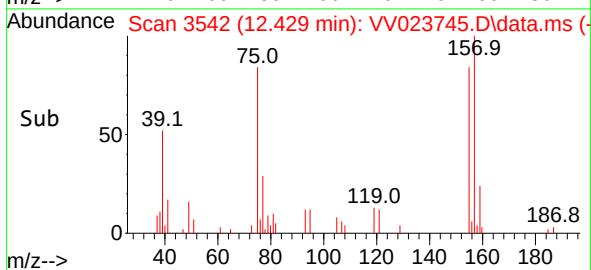
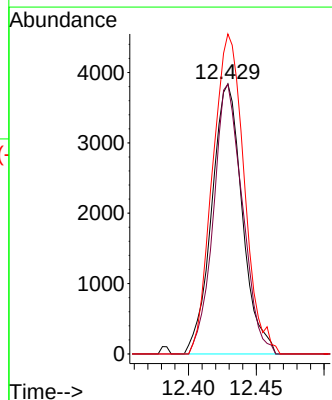
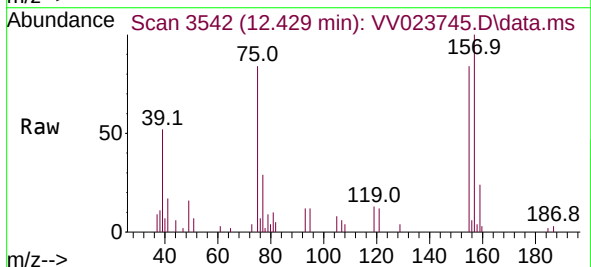
Instrument :
MSVOA_V
ClientSampleId :

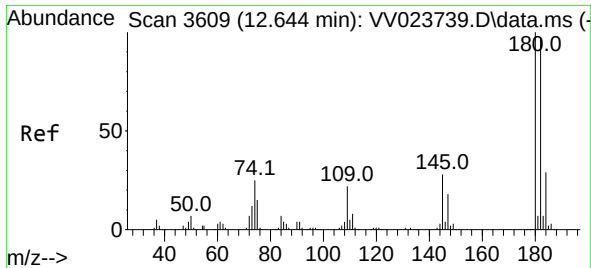
Tgt Ion:146 Resp: 120107
Ion Ratio Lower Upper
146 100
111 39.0 31.9 47.9
148 62.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.466 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

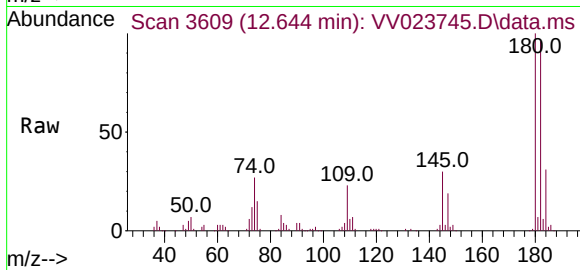
Tgt Ion: 75 Resp: 6019
Ion Ratio Lower Upper
75 100
155 99.9 71.7 107.5
157 118.5 103.3 154.9



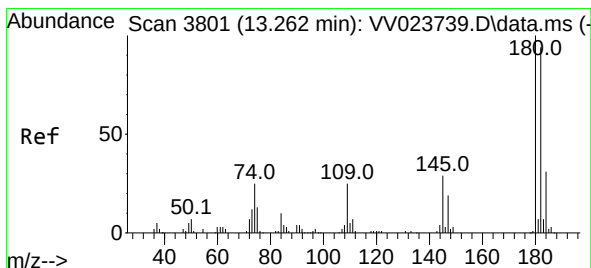
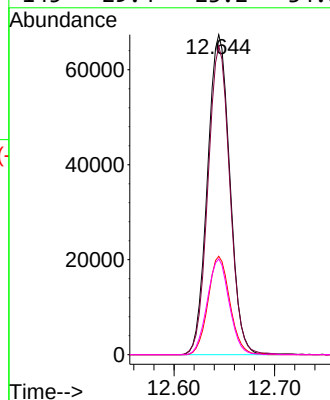
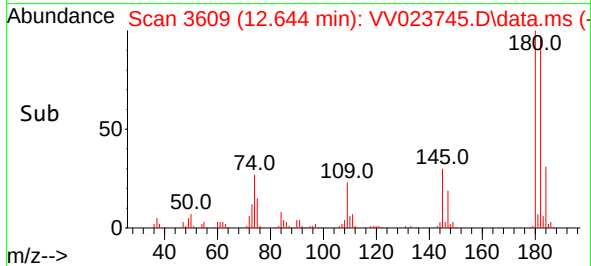


#69
 1,3,5-Trichlorobenzene
 Concen: 5.582 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49

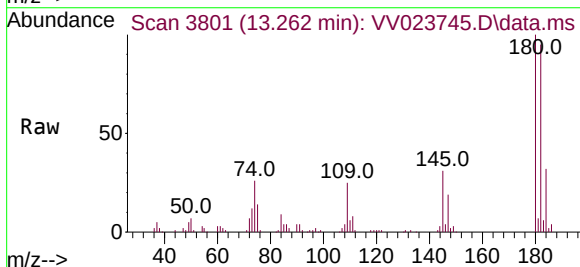
Instrument :
 MSVOA_V
 ClientSampleId :



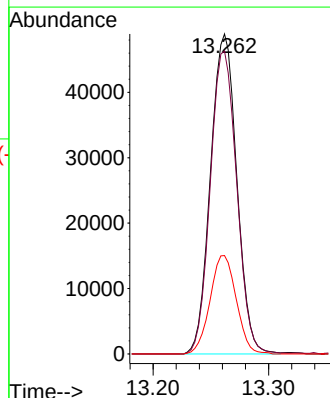
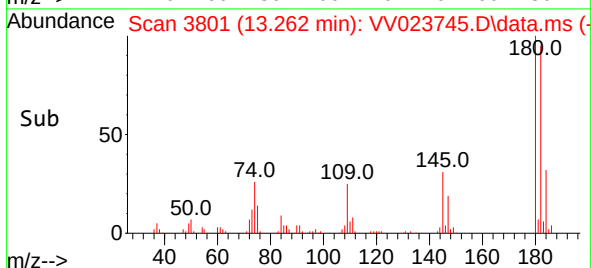
Tgt Ion:180 Resp: 104040
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 184 30.0 24.2 36.4
 145 29.4 23.2 34.8

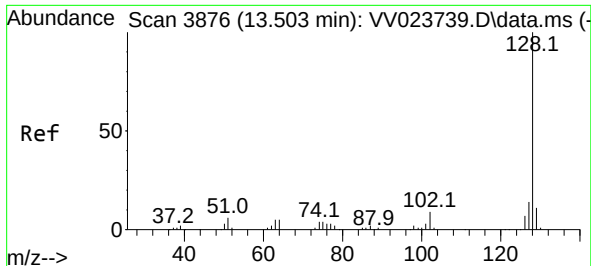


#70
 1,2,4-trichlorobenzene
 Concen: 5.348 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023745.D
 Acq: 30 Nov 2021 09:49



Tgt Ion:180 Resp: 77338
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.4 111.6
 145 30.7 23.3 34.9

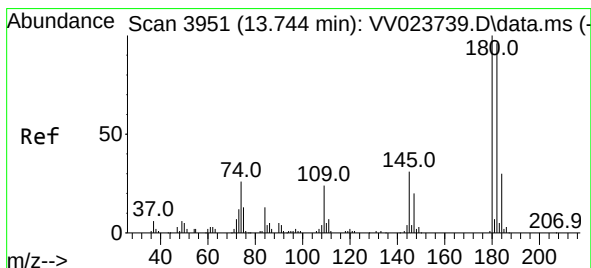
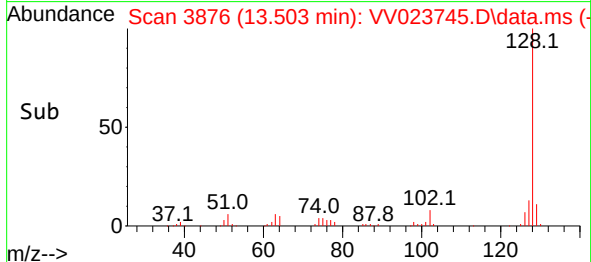
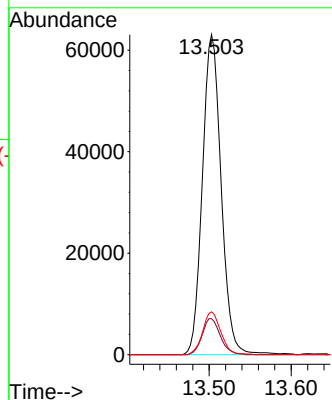
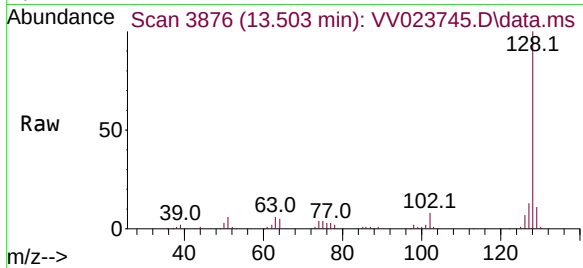




#71
Naphthalene
Concen: 5.155 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 100319
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.415 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023745.D
Acq: 30 Nov 2021 09:49

Tgt Ion:180 Resp: 67852
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.8 25.8 38.6

