

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024249.D
 Acq On : 30 Dec 2021 22:39
 Operator : SY/MD
 Sample : VW1231MBL01
 Misc : 5.0G/5.0mL/100uL//5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 06:17:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

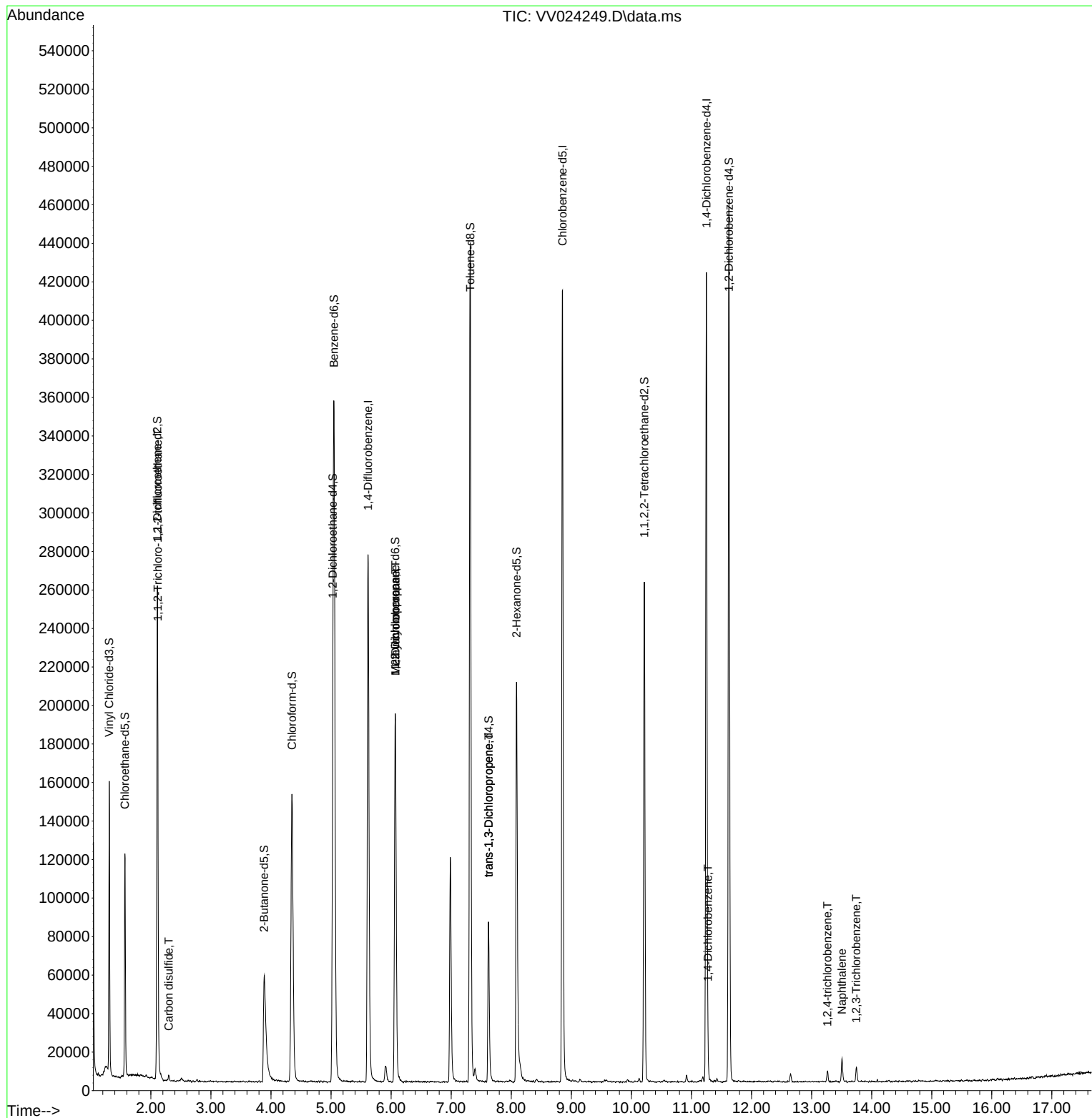
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	244562	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	113530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88482	50.271	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 100.540%		
7) Chloroethane-d5	1.568	69	67077	50.168	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 100.340%		
11) 1,1-Dichloroethene-d2	2.108	63	127600	38.790	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 77.580%		
21) 2-Butanone-d5	3.886	46	96146	98.046	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 98.050%		
24) Chloroform-d	4.349	84	153847	47.826	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 95.660%		
26) 1,2-Dichloroethane-d4	5.031	65	107300	49.820	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 99.640%		
32) Benzene-d6	5.050	84	305319	51.228	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.460%		
36) 1,2-Dichloropropane-d6	6.069	67	83920	50.242	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 100.480%		
41) Toluene-d8	7.317	98	286930	49.723	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 99.440%		
43) trans-1,3-Dichloroprop...	7.622	79	46028	47.855	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 95.720%		
47) 2-Hexanone-d5	8.088	63	69389	95.619	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 95.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	110115	46.131	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 92.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	120041	53.047	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1377	0.894	ug/L #	23
14) Carbon disulfide	2.297	76	2772	0.641	ug/L #	90
35) Methylcyclohexane	6.072	83	23767	10.007	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	10943	8.011	ug/L #	82
44) trans-1,3-Dichloropropene	7.622	75	2433	1.045	ug/L	90
65) 1,4-Dichlorobenzene	11.275	146	1737	0.520	ug/L	95
70) 1,2,4-trichlorobenzene	13.265	180	2168	1.017	ug/L	98
71) Naphthalene	13.506	128	10554	1.712	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	2718	1.234	ug/L	98

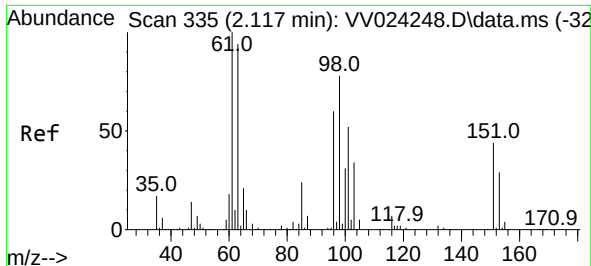
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.894 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024249.D

Acq: 30 Dec 2021 22:39

Instrument :

MSVOA_V

ClientSampleId :

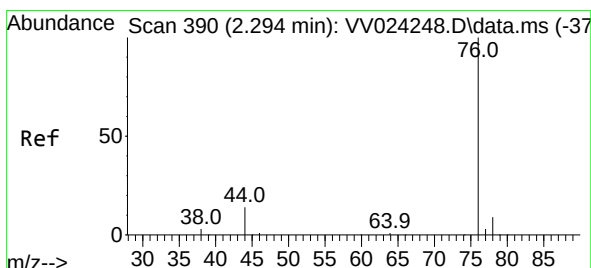
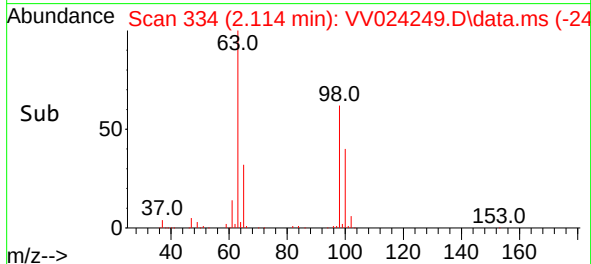
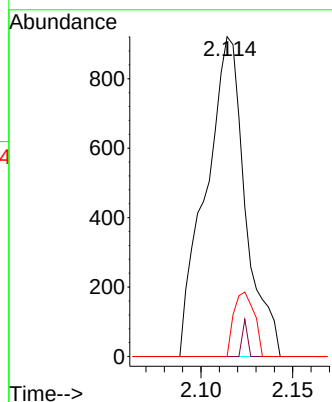
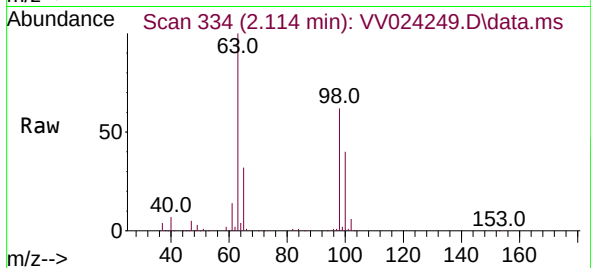
Tgt Ion:101 Resp: 1377

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 10.4 67.1 100.7#



#14

Carbon disulfide

Concen: 0.641 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024249.D

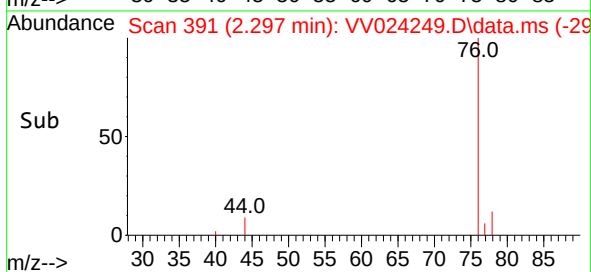
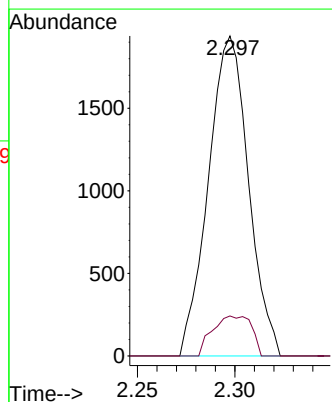
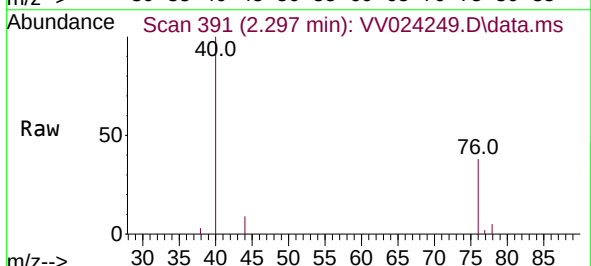
Acq: 30 Dec 2021 22:39

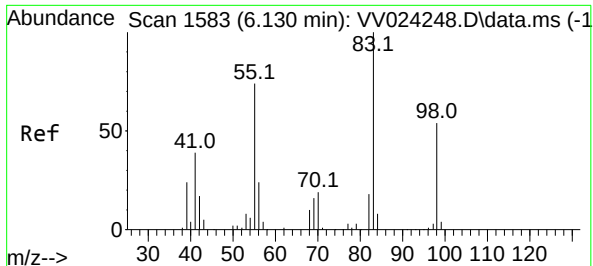
Tgt Ion: 76 Resp: 2772

Ion Ratio Lower Upper

76 100

78 12.5 7.2 10.8#

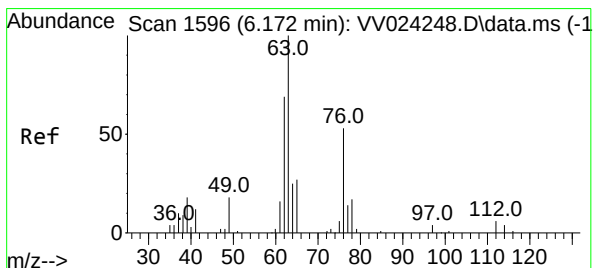
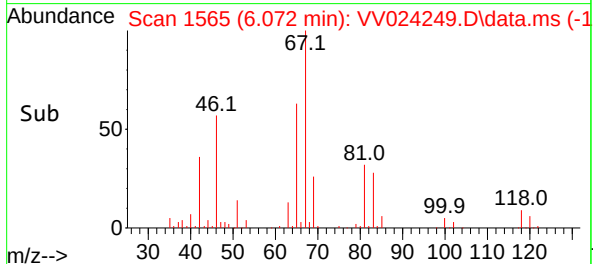
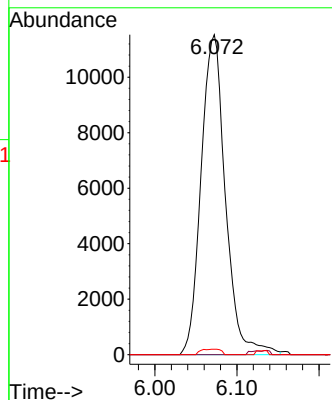
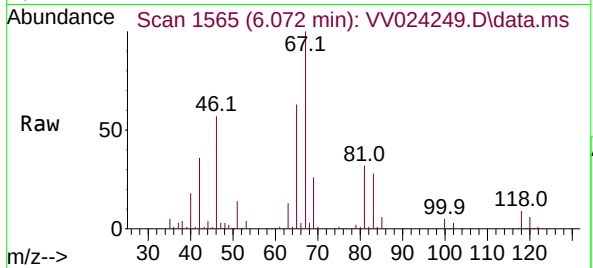




#35
Methylcyclohexane
Concen: 10.007 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

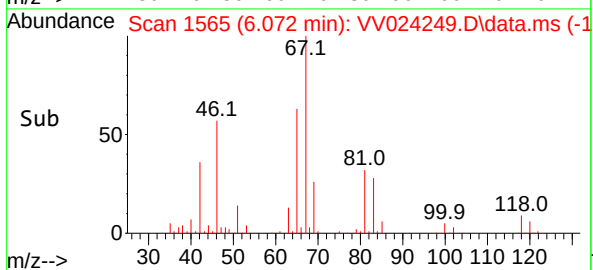
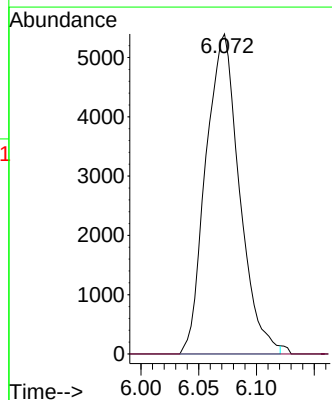
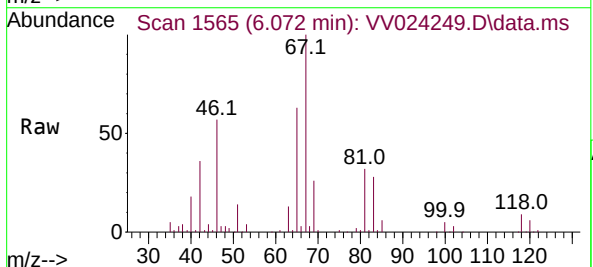
Instrument :
MSVOA_V
ClientSampleId :

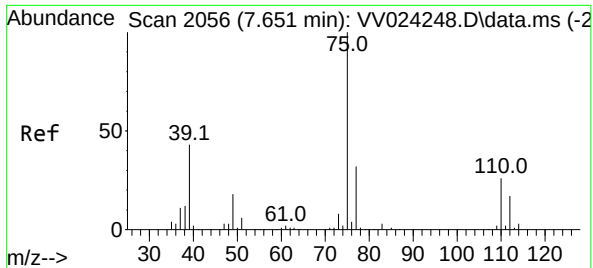
Tgt Ion: 83 Resp: 23767
Ion Ratio Lower Upper
83 100
55 0.2 55.6 83.4#
98 0.5 41.3 61.9#



#37
1,2-Dichloropropane
Concen: 8.011 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

Tgt Ion: 63 Resp: 10943
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#

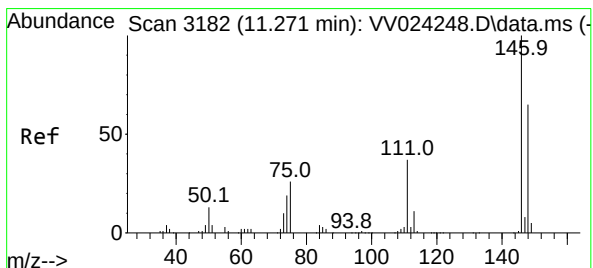
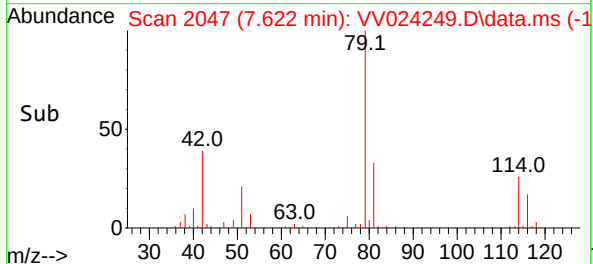
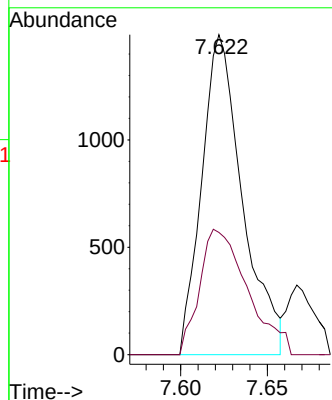
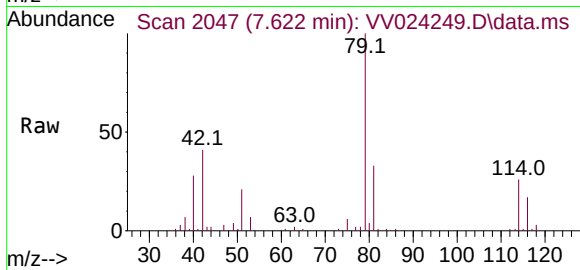




#44
trans-1,3-Dichloropropene
Concen: 1.045 ug/L
RT: 7.622 min Scan# 2056
Delta R.T. -0.029 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

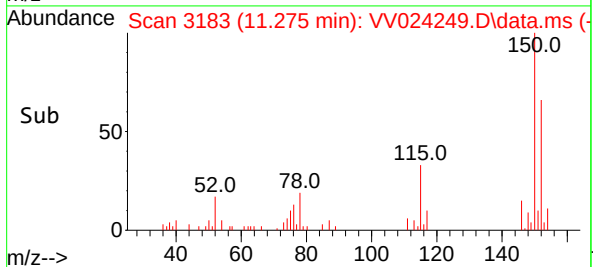
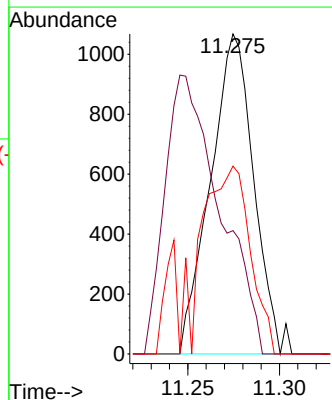
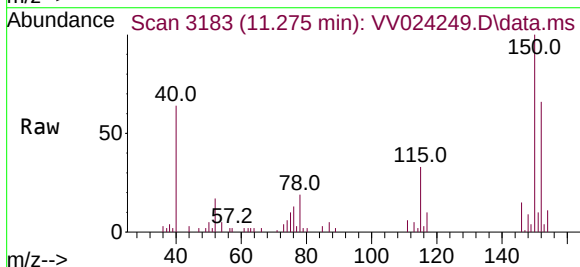
Instrument :
MSVOA_V
ClientSampleId :

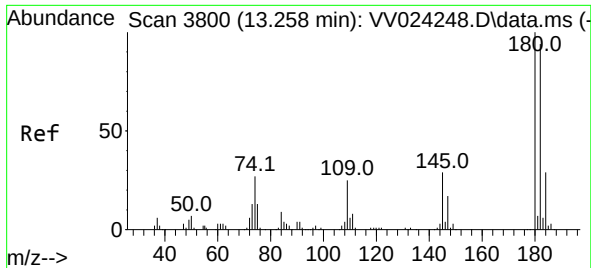
Tgt Ion: 75 Resp: 2433
Ion Ratio Lower Upper
75 100
77 38.2 22.7 42.1



#65
1,4-Dichlorobenzene
Concen: 0.520 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

Tgt Ion: 146 Resp: 1737
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.3
148 58.7 44.9 83.5

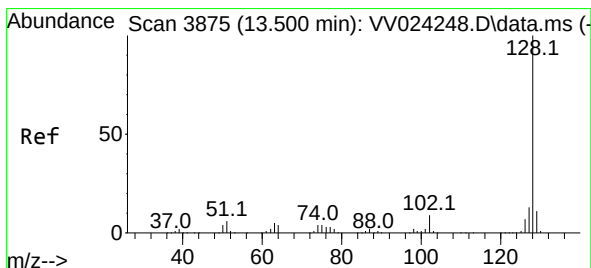
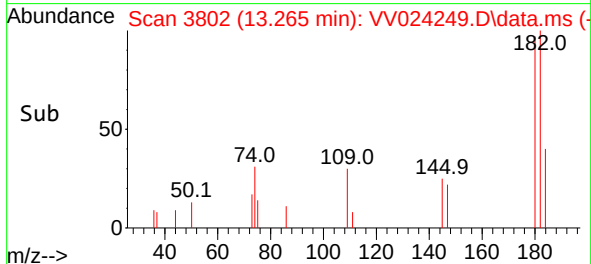
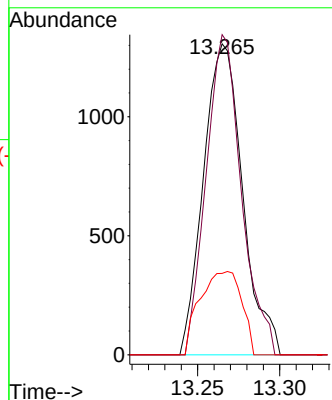
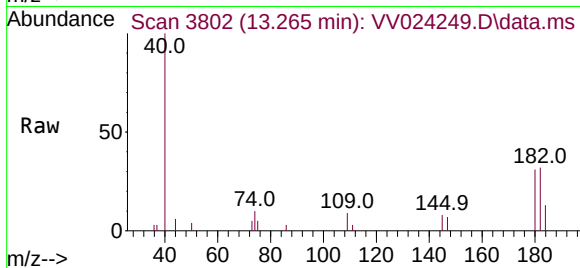




#70
1,2,4-trichlorobenzene
Concen: 1.017 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

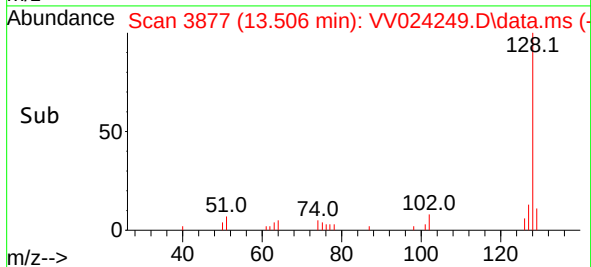
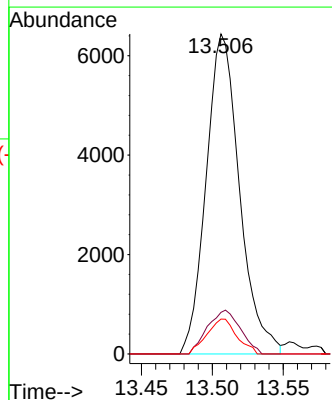
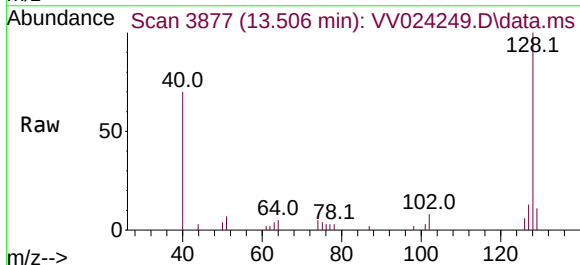
Instrument :
MSVOA_V
ClientSampleId :

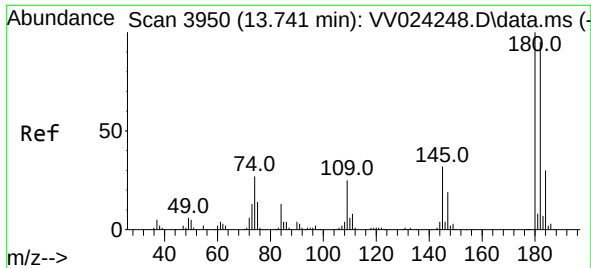
Tgt Ion:180 Resp: 2168
Ion Ratio Lower Upper
180 100
182 92.3 75.6 113.4
145 28.4 23.9 35.9



#71
Naphthalene
Concen: 1.712 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV024249.D
Acq: 30 Dec 2021 22:39

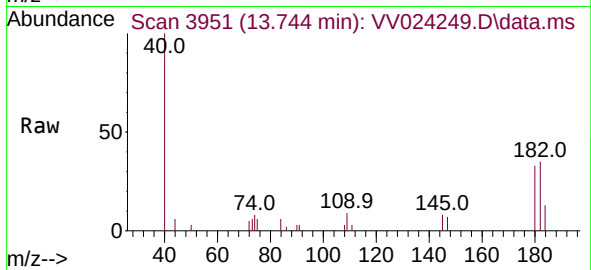
Tgt Ion:128 Resp: 10554
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 9.7 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.234 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV024249.D
 Acq: 30 Dec 2021 22:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 2718
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.1 114.1
 145 28.8 25.0 37.4

