

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023253.D
 Acq On : 05 Nov 2021 23:48
 Operator : SY/MD
 Sample : M4535-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:47:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

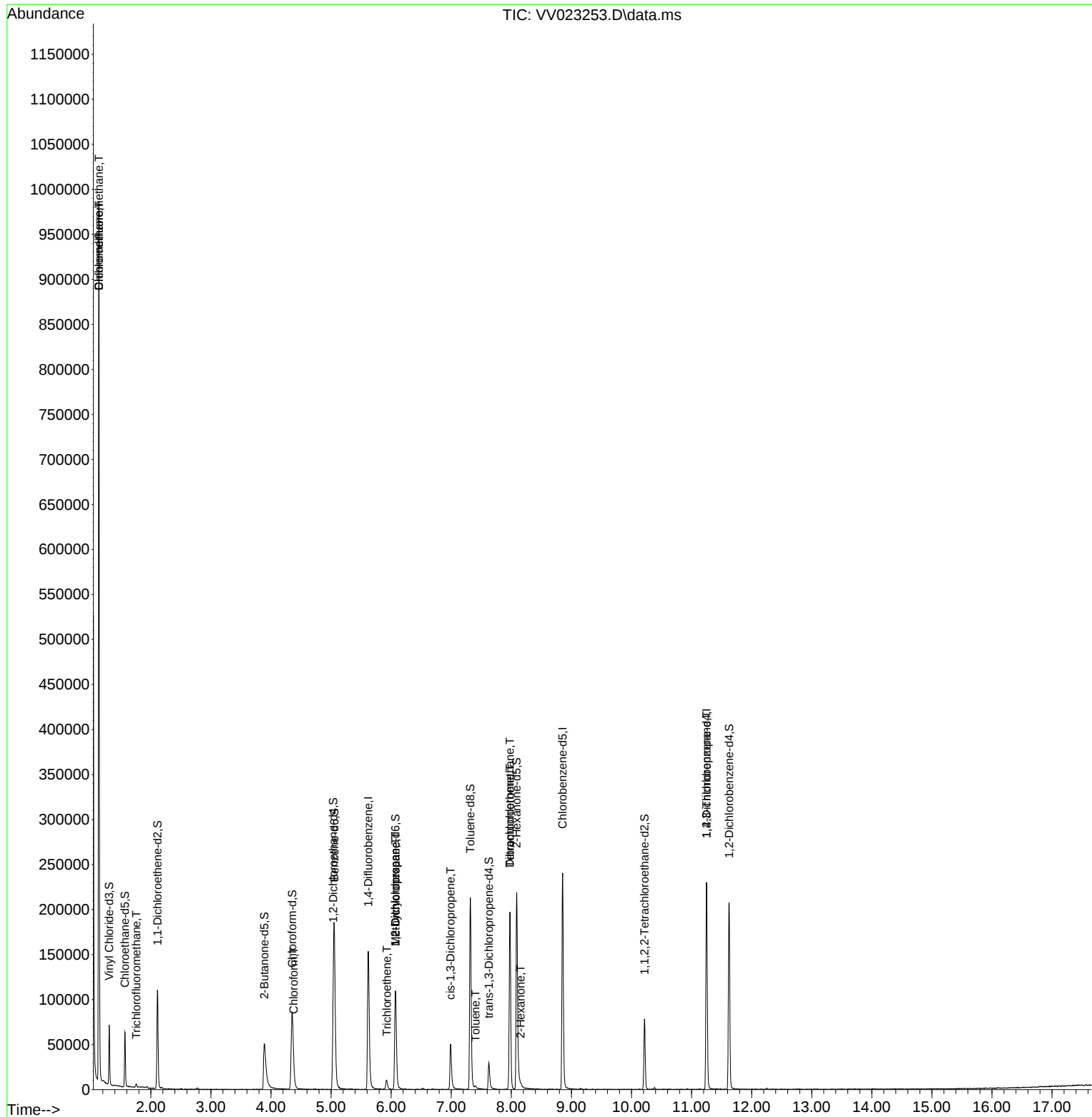
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60978	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39206	4.619	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.568	69	36067	5.214	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.111	63	56370	3.548	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	3.889	46	93584	72.980	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.960%#	
24) Chloroform-d	4.352	84	89738	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.037	65	43127	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.053	84	170162	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.072	67	52291	5.061	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.317	98	143392	4.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	17880	4.564	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.088	63	70980	49.241	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35993	4.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55023	5.419	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	12704	0.962	ug/L	97
3) Chloromethane	1.134	50	36912	3.286	ug/L #	73
9) Trichlorofluoromethane	1.757	101	2001	0.119	ug/L	88
25) Chloroform	4.378	83	7452	0.417	ug/L	92
34) Trichloroethene	5.928	95	2993	0.294	ug/L	92
35) Methylcyclohexane	6.072	83	13171	0.821	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5820	0.652	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1469	0.114	ug/L #	75
42) Toluene	7.407	91	2710	0.066	ug/L	94
47) Tetrachloroethene	7.976	164	43943	4.987	ug/L	100
48) 2-Hexanone	8.153	43	3160	1.064	ug/L #	41
49) Dibromochloromethane	7.976	129	38207	4.702	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6700	1.654	ug/L #	63

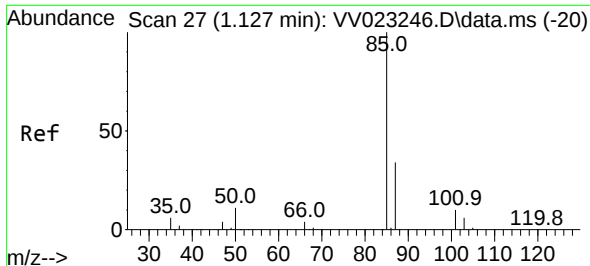
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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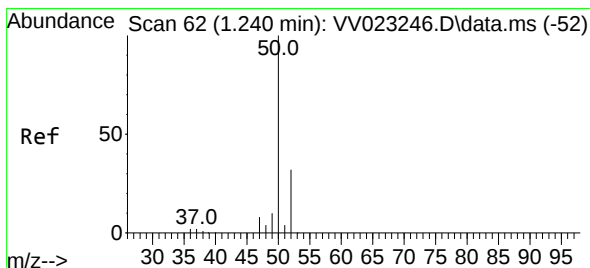
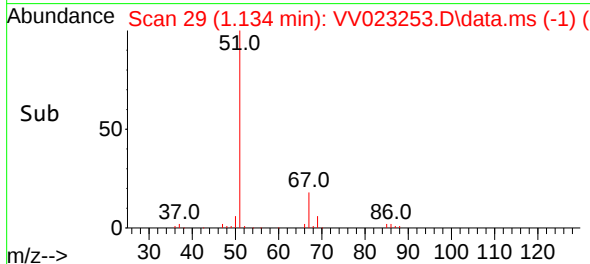
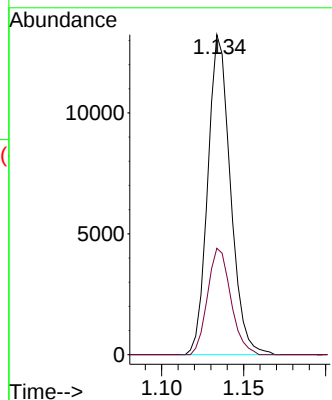
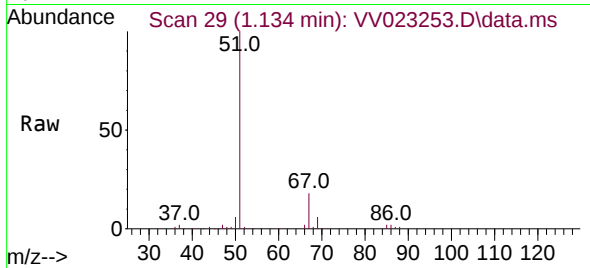




#2
 Dichlorodifluoromethane
 Concen: 0.962 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023253.D
 Acq: 05 Nov 2021 23:48

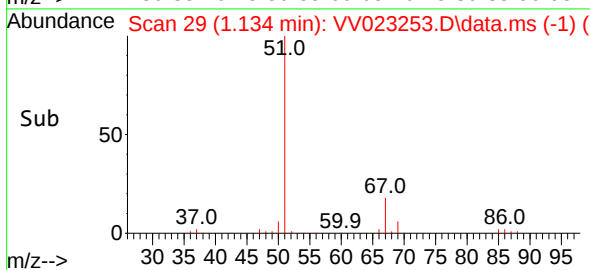
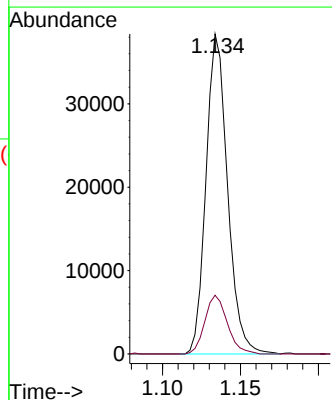
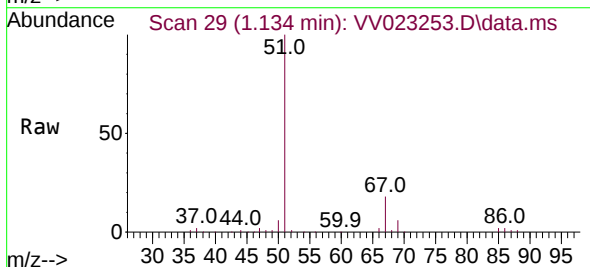
Instrument :
 MSVOA_V
 ClientSampleId :

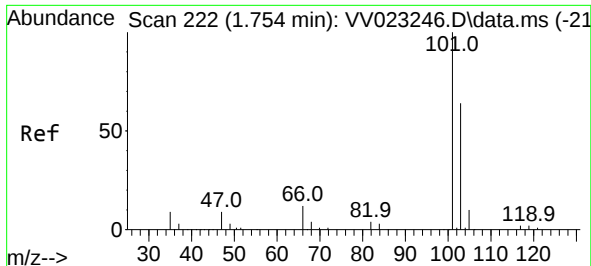
Tgt Ion: 85 Resp: 12704
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.0 39.0



#3
 Chloromethane
 Concen: 3.286 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023253.D
 Acq: 05 Nov 2021 23:48

Tgt Ion: 50 Resp: 36912
 Ion Ratio Lower Upper
 50 100
 52 18.3 23.7 43.9#

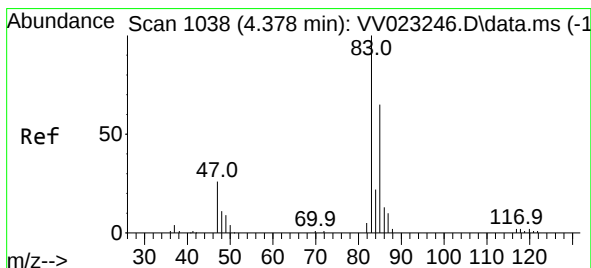
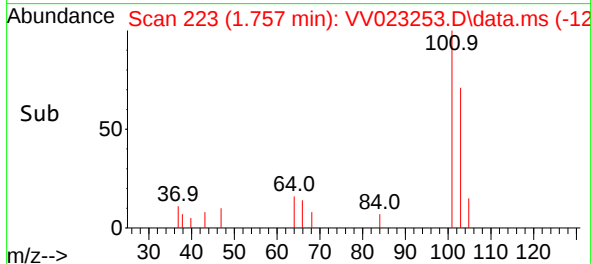
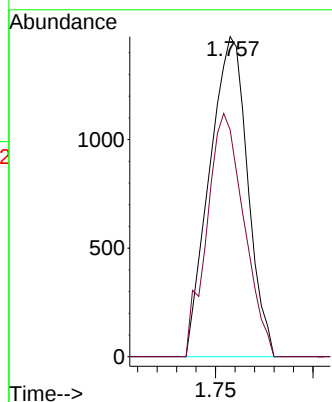
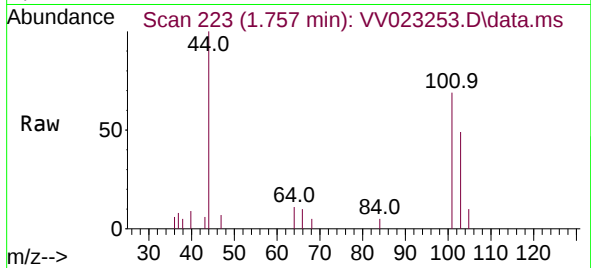




#9
Trichlorofluoromethane
Concen: 0.119 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

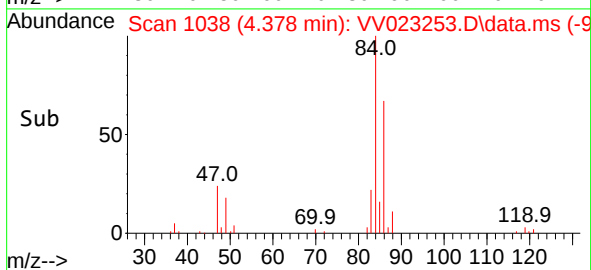
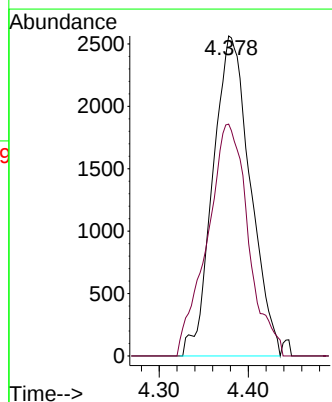
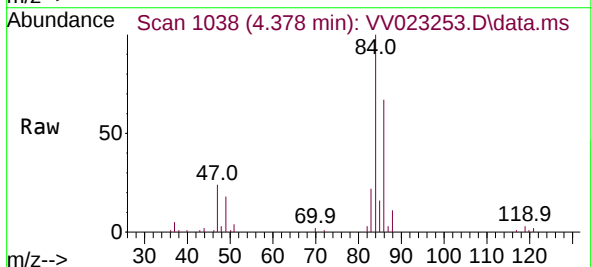
Instrument :
MSVOA_V
ClientSampleId :

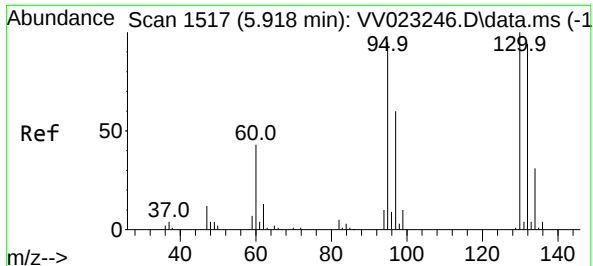
Tgt Ion:101 Resp: 2001
Ion Ratio Lower Upper
101 100
103 74.0 51.9 77.9



#25
Chloroform
Concen: 0.417 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

Tgt Ion: 83 Resp: 7452
Ion Ratio Lower Upper
83 100
85 72.4 46.3 85.9



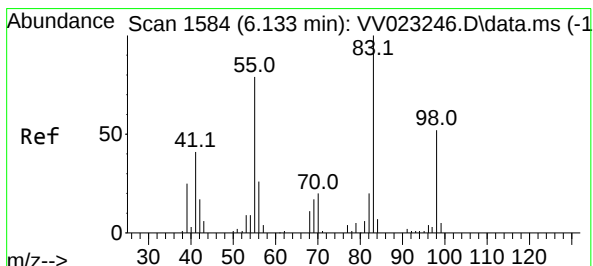
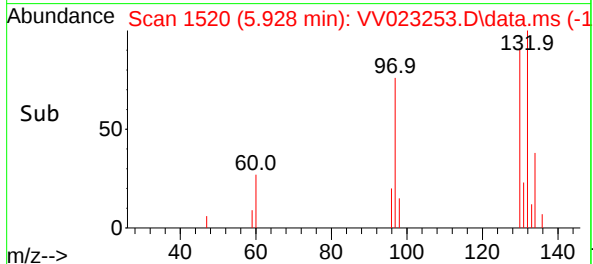
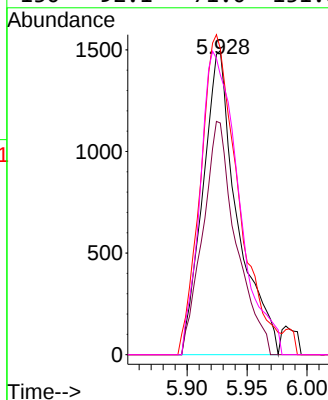
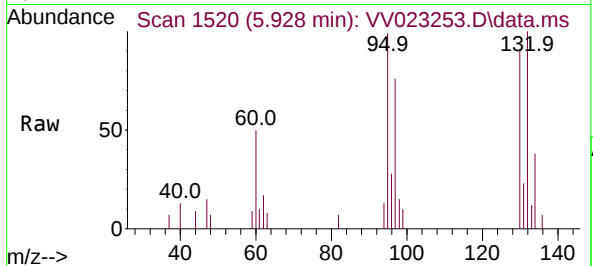


#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2993

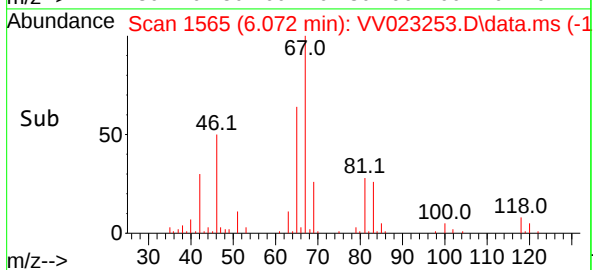
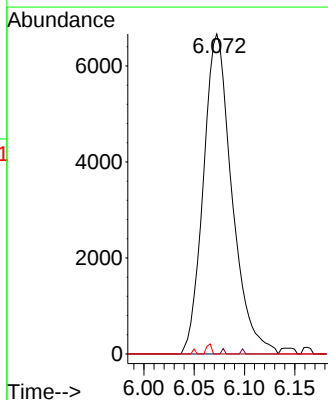
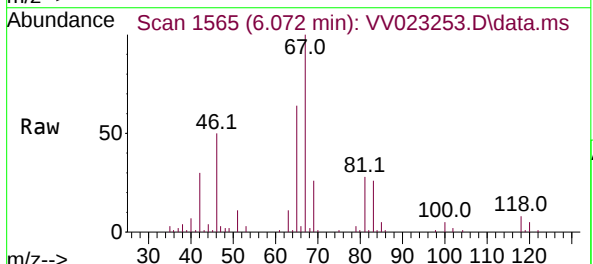
Ion	Ratio	Lower	Upper
95	100		
97	76.2	43.3	80.5
132	100.7	70.0	130.0
130	92.1	71.0	131.8

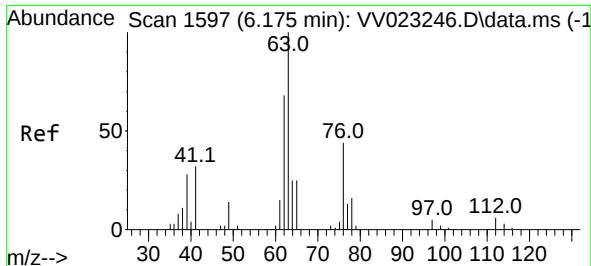


#35
Methylcyclohexane
Concen: 0.821 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

Tgt Ion: 83 Resp: 13171

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.6	89.4#
98	0.5	40.6	61.0#





#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023253.D

Acq: 05 Nov 2021 23:48

Instrument :

MSVOA_V

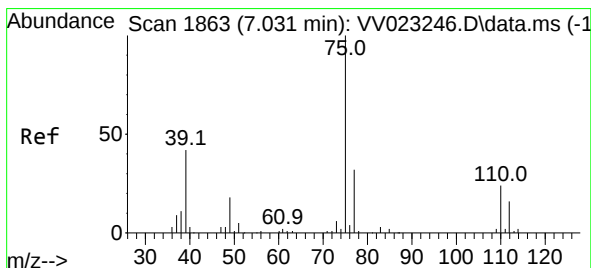
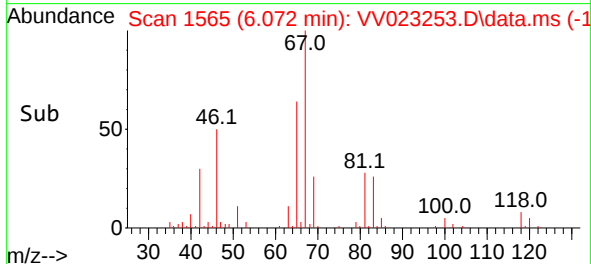
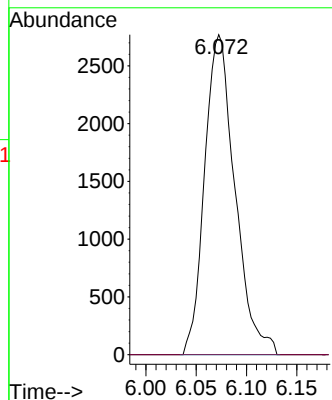
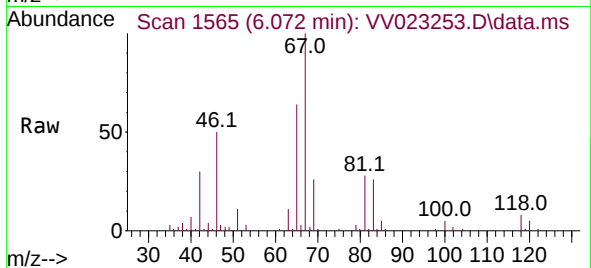
ClientSampleId :

Tgt Ion: 63 Resp: 5820

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023253.D

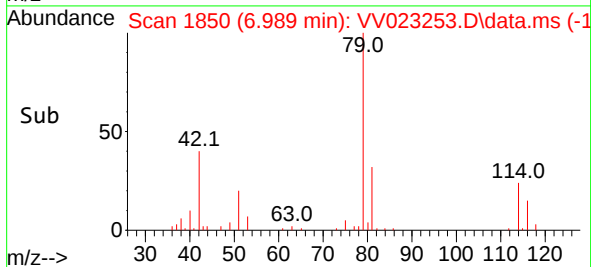
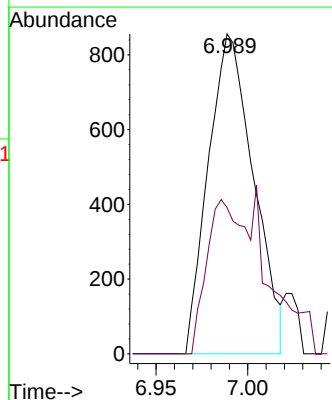
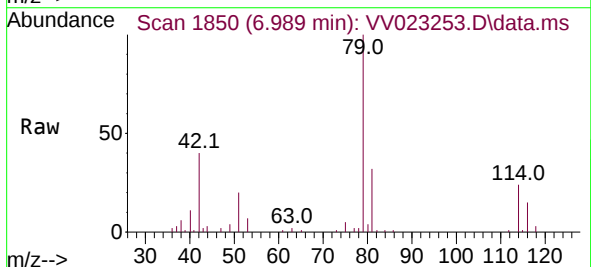
Acq: 05 Nov 2021 23:48

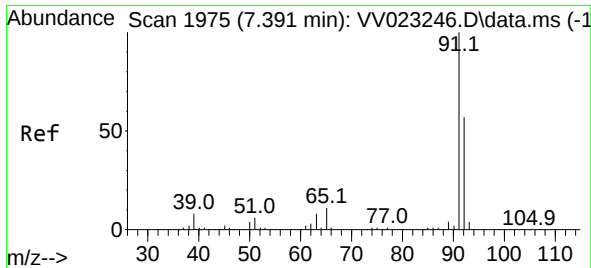
Tgt Ion: 75 Resp: 1469

Ion Ratio Lower Upper

75 100

77 45.7 22.3 41.3#





#42

Toluene

Concen: 0.066 ug/L

RT: 7.407 min Scan# 1975

Delta R.T. 0.016 min

Lab File: VV023253.D

Acq: 05 Nov 2021 23:48

Instrument :

MSVOA_V

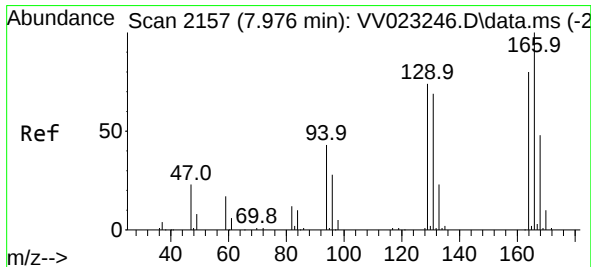
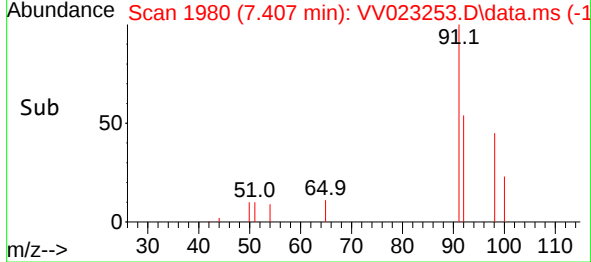
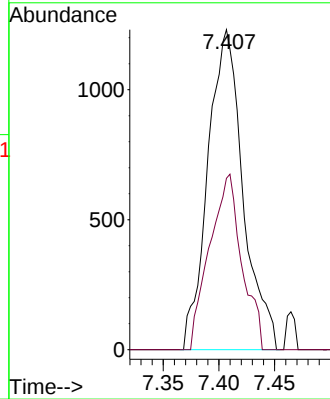
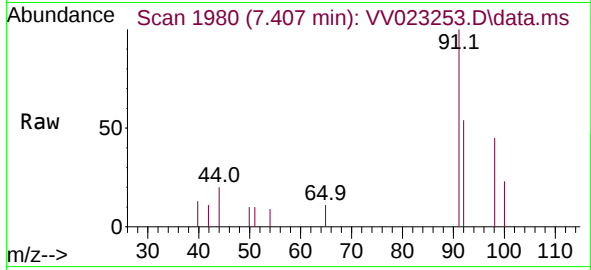
ClientSampleId :

Tgt Ion: 91 Resp: 2710

Ion Ratio Lower Upper

91 100

92 53.5 40.4 75.0



#47

Tetrachloroethene

Concen: 4.987 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023253.D

Acq: 05 Nov 2021 23:48

Tgt Ion: 164 Resp: 43943

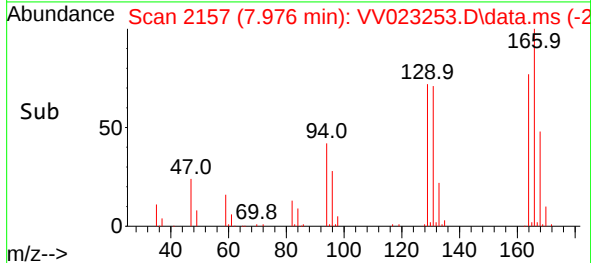
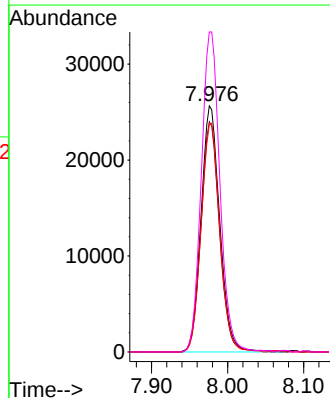
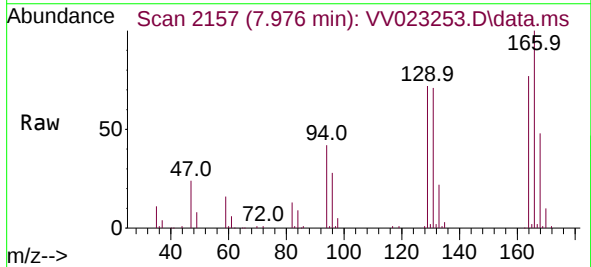
Ion Ratio Lower Upper

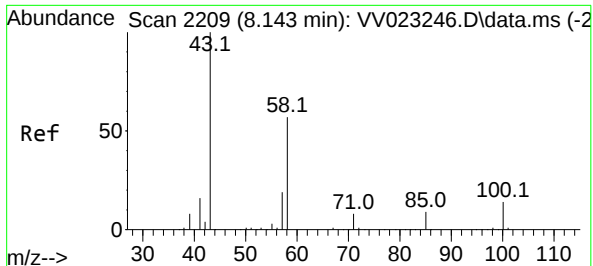
164 100

129 93.6 65.5 121.7

131 92.4 63.9 118.7

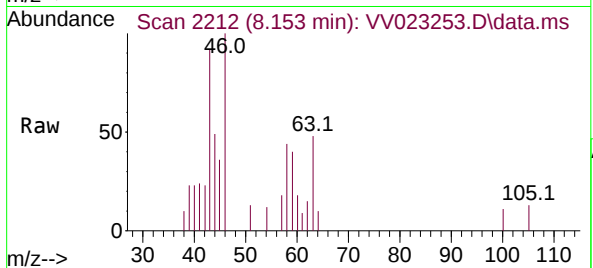
166 130.1 91.1 169.1



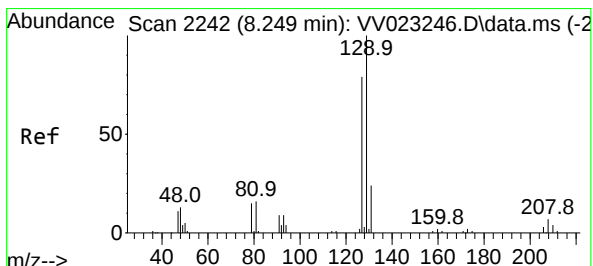
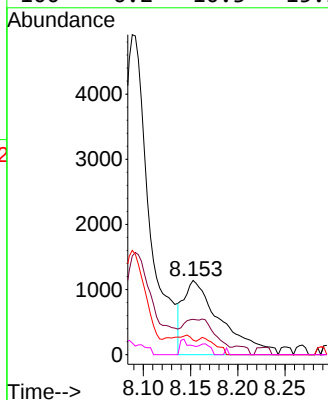
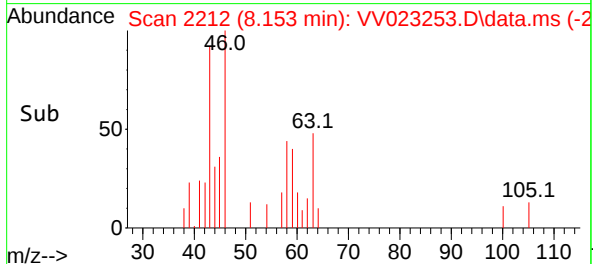


#48
2-Hexanone
Concen: 1.064 ug/L
RT: 8.153 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

Instrument :
MSVOA_V
ClientSampleId :

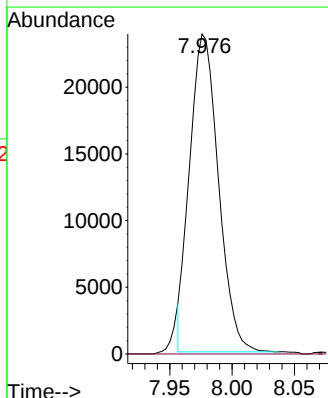
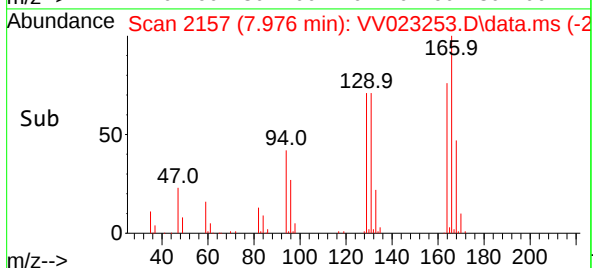
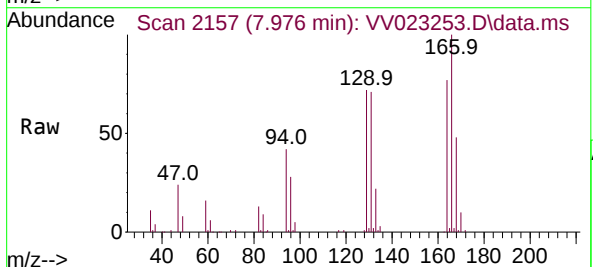


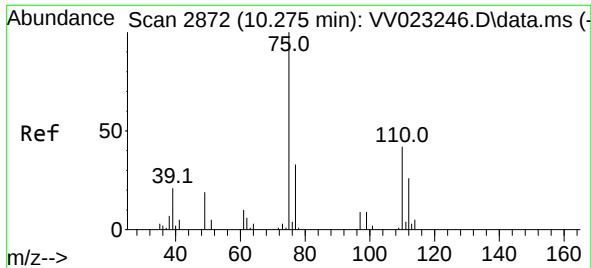
Tgt Ion: 43	Resp: 3160
Ion Ratio	Lower Upper
43	100
58	0.0 43.0 64.6#
57	0.0 14.9 22.3#
100	6.2 10.3 15.5#



#49
Dibromochloromethane
Concen: 4.702 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV023253.D
Acq: 05 Nov 2021 23:48

Tgt Ion: 129	Resp: 38207
Ion Ratio	Lower Upper
129	100
127	0.0 54.4 101.0#





#61

1,2,3-Trichloropropane

Concen: 1.654 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

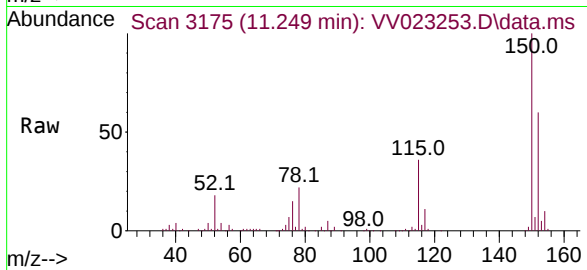
Lab File: VV023253.D

Acq: 05 Nov 2021 23:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6700

Ion Ratio Lower Upper

75 100

77 34.9 26.6 39.8

110 1.3 33.0 49.4#

