

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023256.D
 Acq On : 06 Nov 2021 00:58
 Operator : SY/MD
 Sample : M4535-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:47:50 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)

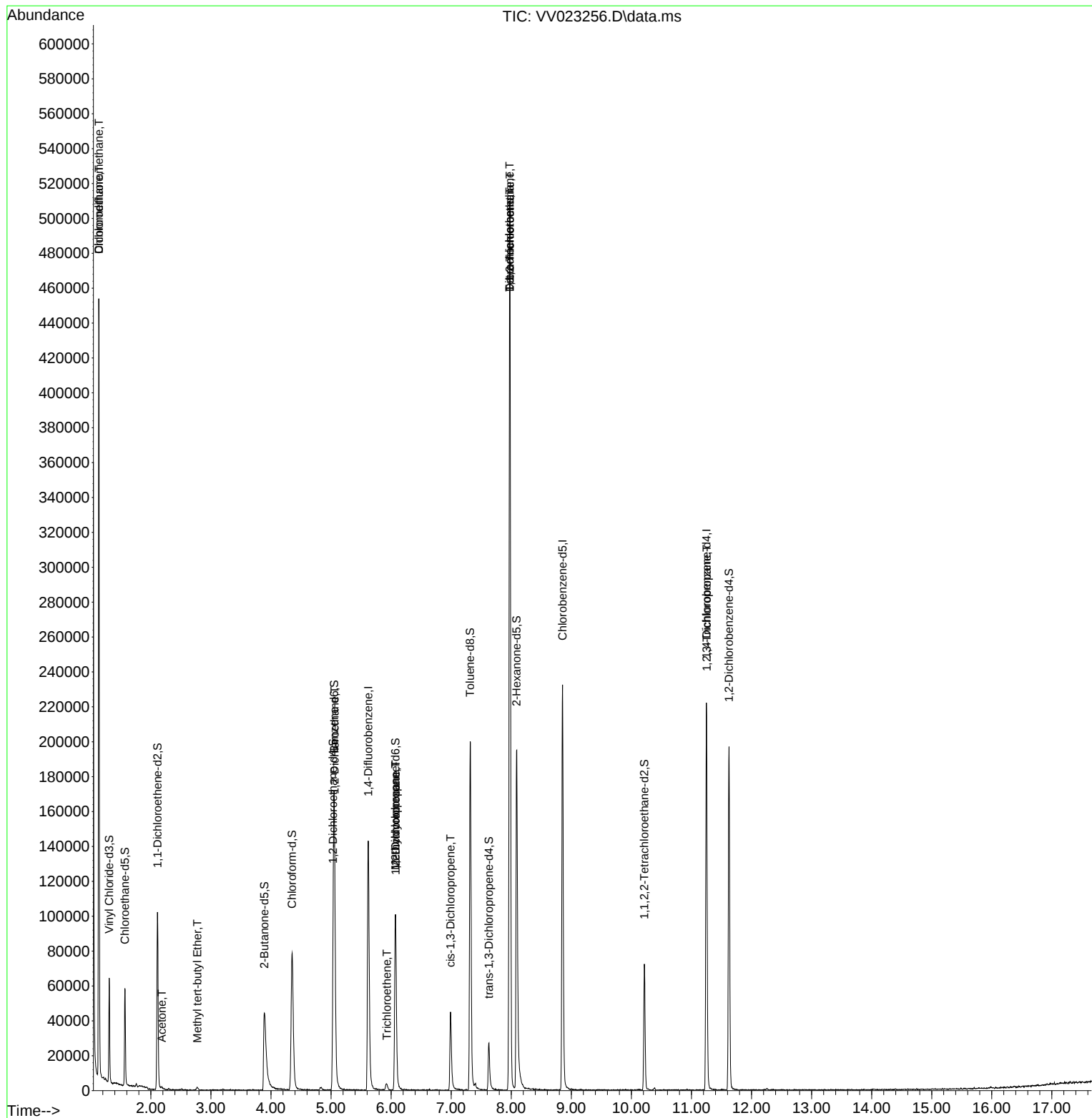
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36930	4.596	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.568	69	34282	5.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2	2.111	63	53939	3.586	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.889	46	81853	67.425	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.860%#	
24) Chloroform-d	4.352	84	83292	4.864	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.034	65	39628	5.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.053	84	157021	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.072	67	48449	4.942	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.317	98	132920	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.629	79	16608	4.468	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	64980	47.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.020%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33778	4.791	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51961	5.162	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	6117	0.489	ug/L	99
3) Chloromethane	1.134	50	17090	1.607	ug/L #	74
13) Acetone	2.182	43	1622	1.807	ug/L	89
17) Methyl tert-butyl Ether	2.773	73	1376	0.082	ug/L #	88
27) 1,2-Dichloroethane	5.060	62	878	0.098	ug/L #	73
34) Trichloroethene	5.931	95	1013	0.105	ug/L #	83
35) Methylcyclohexane	6.072	83	12205	0.802	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	5444	0.643	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1316	0.108	ug/L #	57
45) 1,1,2-Trichloroethane	7.979	97	811	0.133	ug/L #	1
47) Tetrachloroethene	7.976	164	114737	13.723	ug/L	98
49) Dibromochloromethane	7.976	129	100810	13.074	ug/L #	11
61) 1,2,3-Trichloropropane	11.252	75	6729	1.676	ug/L #	62

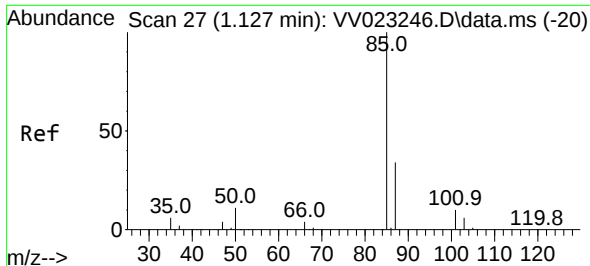
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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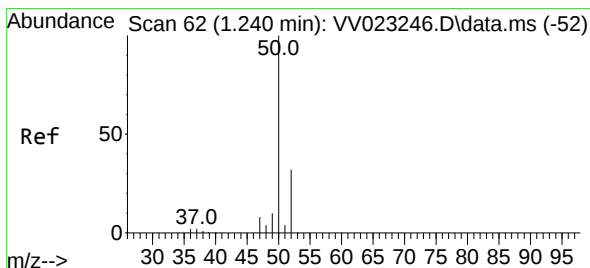
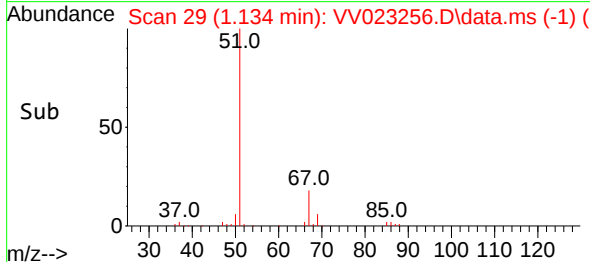
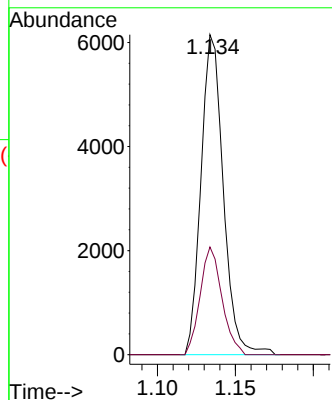
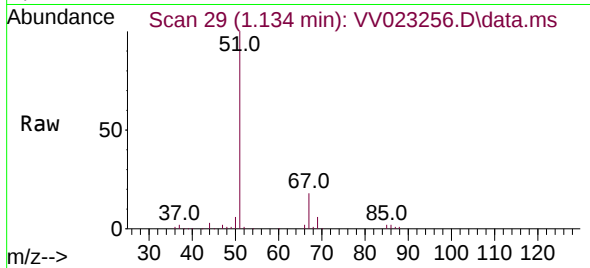




#2
 Dichlorodifluoromethane
 Concen: 0.489 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023256.D
 Acq: 06 Nov 2021 00:58

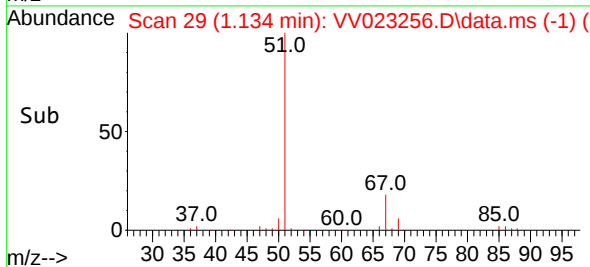
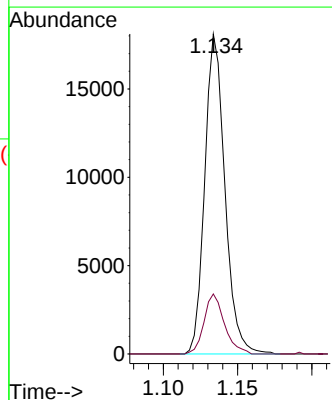
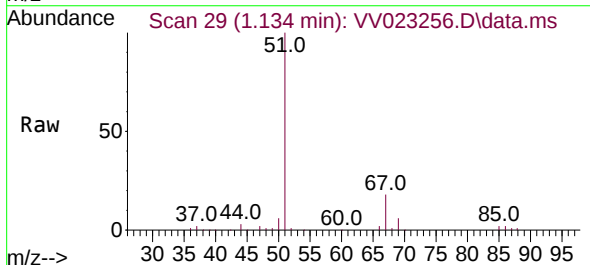
Instrument :
 MSVOA_V
 ClientSampleId :

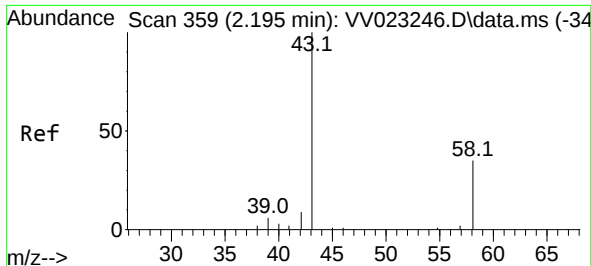
Tgt Ion: 85 Resp: 6117
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 1.607 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023256.D
 Acq: 06 Nov 2021 00:58

Tgt Ion: 50 Resp: 17090
 Ion Ratio Lower Upper
 50 100
 52 18.8 23.7 43.9#





#13

Acetone

Concen: 1.807 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Instrument :

MSVOA_V

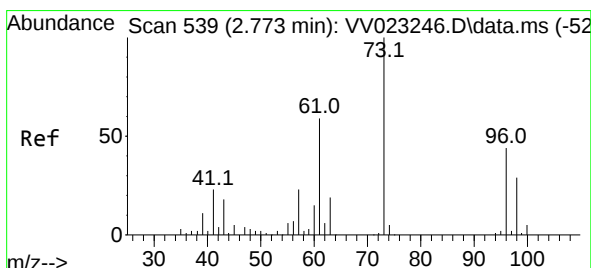
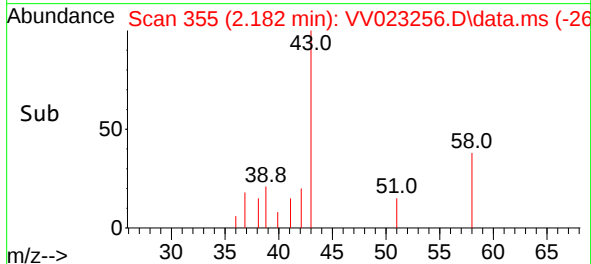
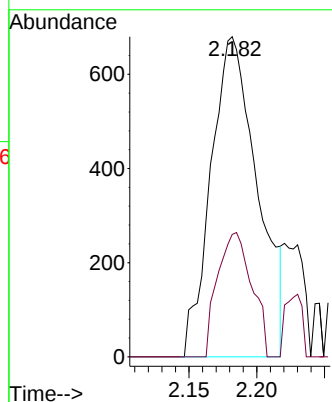
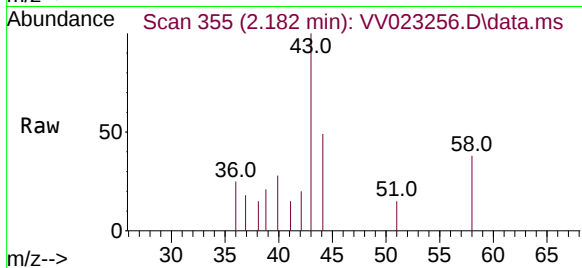
ClientSampleId :

Tgt Ion: 43 Resp: 1622

Ion Ratio Lower Upper

43 100

58 28.4 0.0 45.8



#17

Methyl tert-butyl Ether

Concen: 0.082 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.000 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

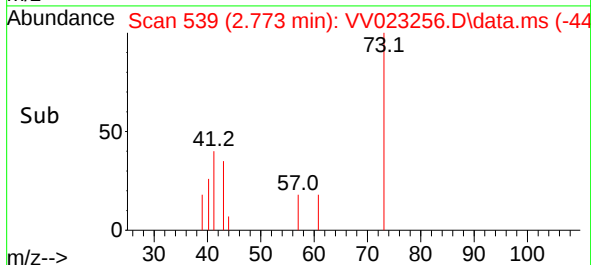
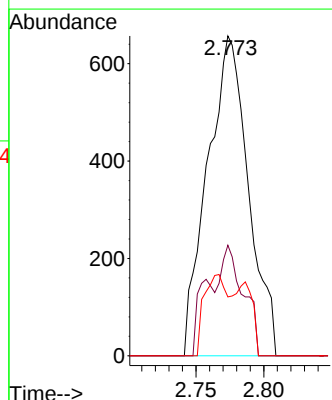
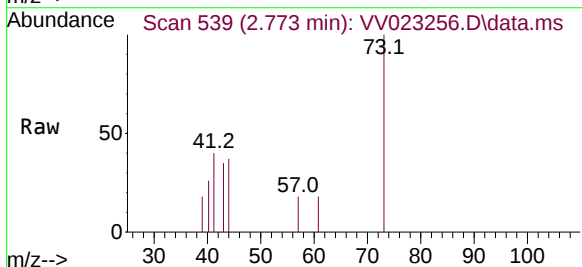
Tgt Ion: 73 Resp: 1376

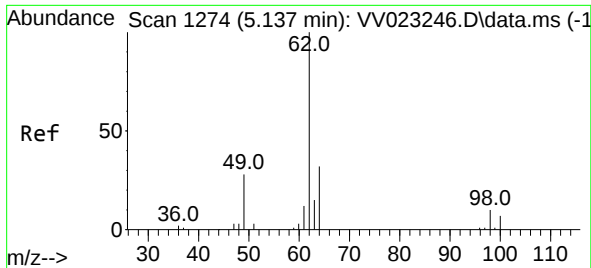
Ion Ratio Lower Upper

73 100

43 19.8 14.2 21.4

57 13.9 17.8 26.8#





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.060 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Instrument :

MSVOA_V

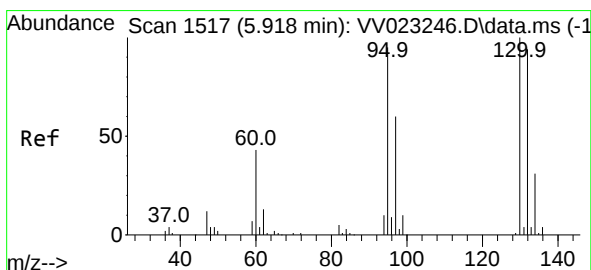
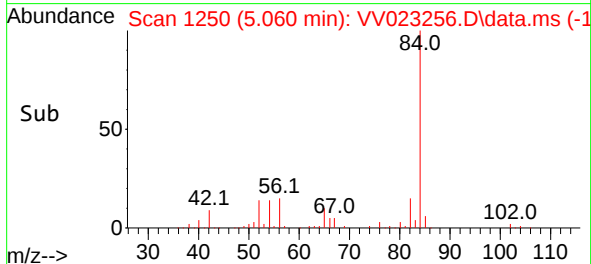
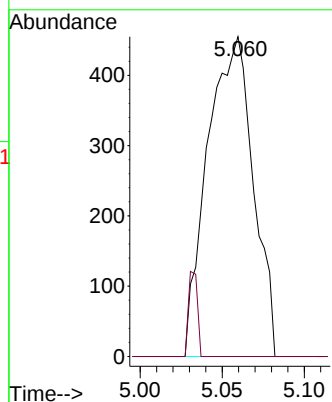
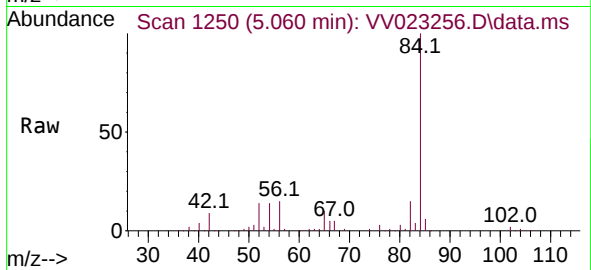
ClientSampleId :

Tgt Ion: 62 Resp: 878

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 0.105 ug/L

RT: 5.931 min Scan# 1521

Delta R.T. 0.013 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Tgt Ion: 95 Resp: 1013

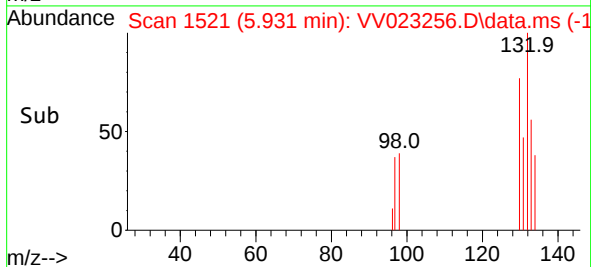
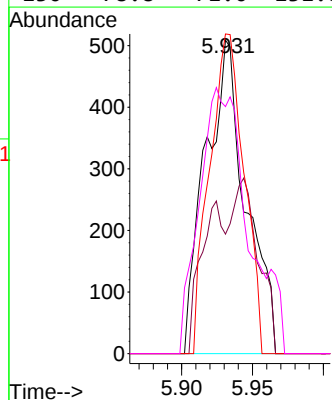
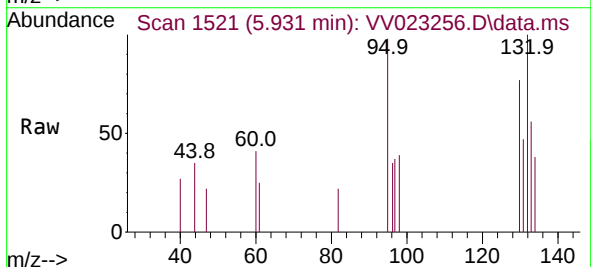
Ion Ratio Lower Upper

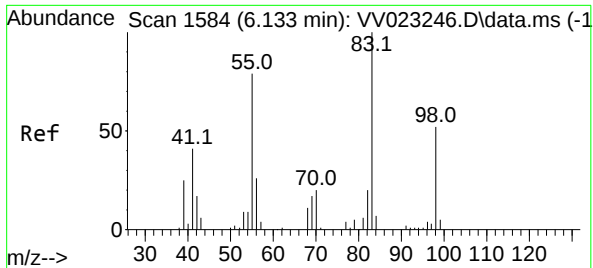
95 100

97 38.1 43.3 80.5#

132 102.0 70.0 130.0

130 78.8 71.0 131.8

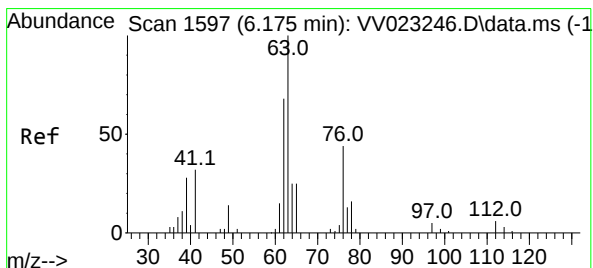
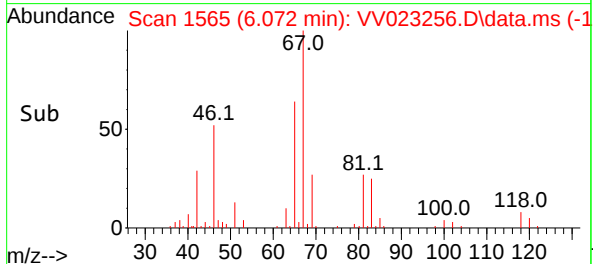
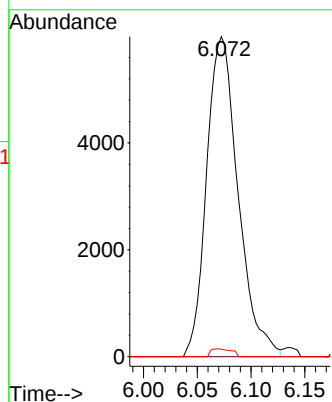
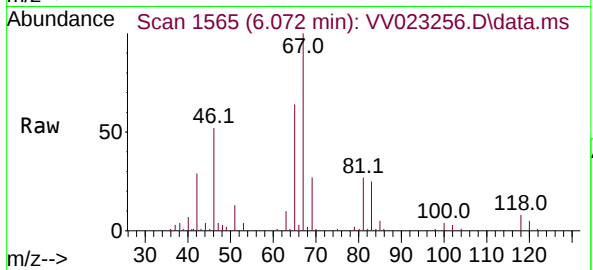




#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023256.D
Acq: 06 Nov 2021 00:58

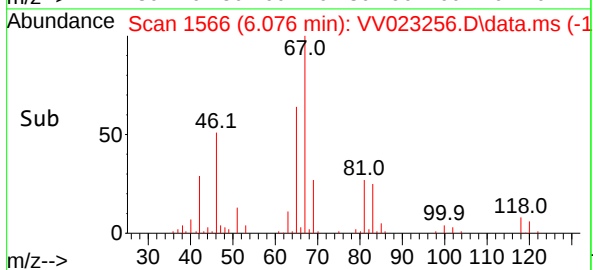
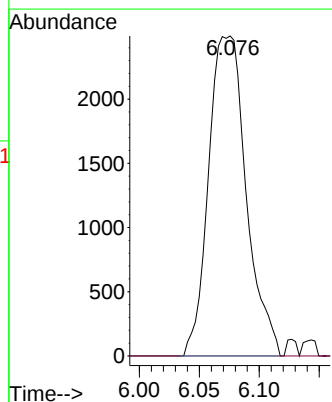
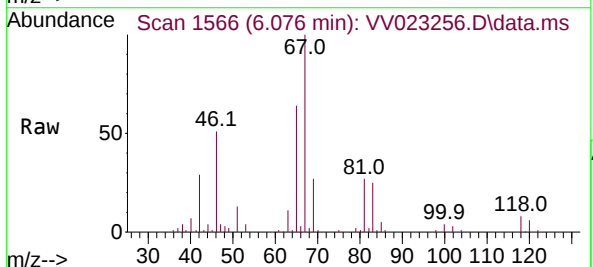
Instrument :
MSVOA_V
ClientSampleId :

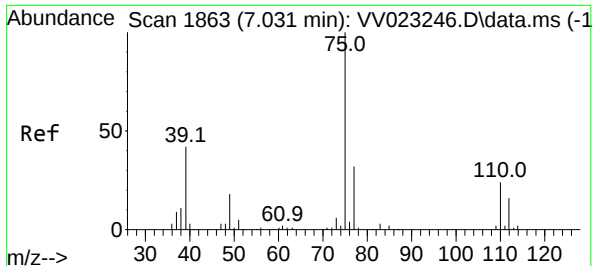
Tgt Ion: 83 Resp: 12205
Ion Ratio Lower Upper
83 100
55 0.0 59.6 89.4#
98 1.6 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV023256.D
Acq: 06 Nov 2021 00:58

Tgt Ion: 63 Resp: 5444
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Instrument :

MSVOA_V

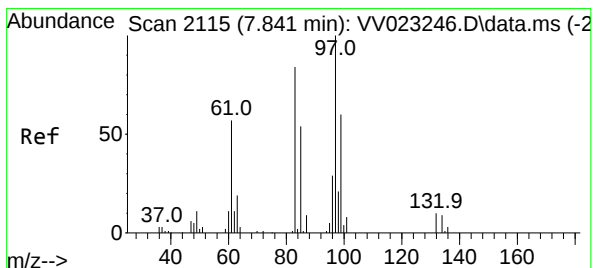
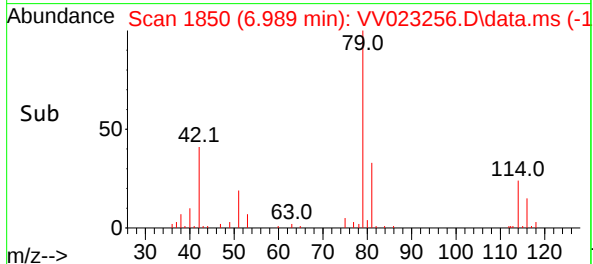
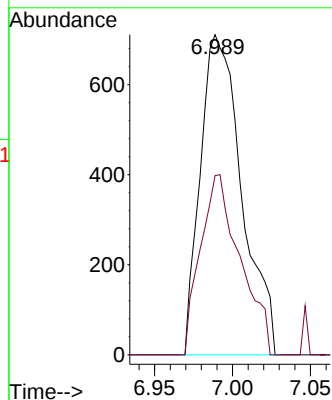
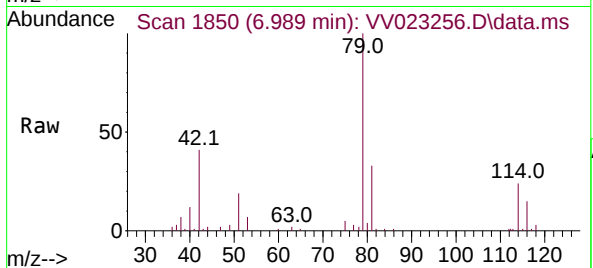
ClientSampleId :

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 56.0 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.133 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.138 min

Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Tgt Ion: 97 Resp: 811

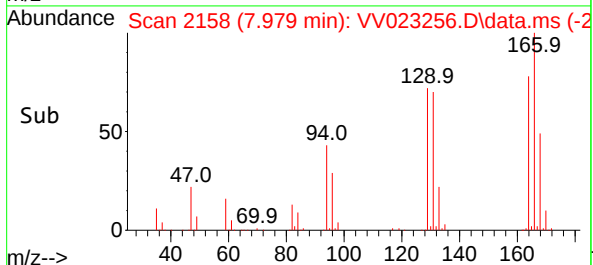
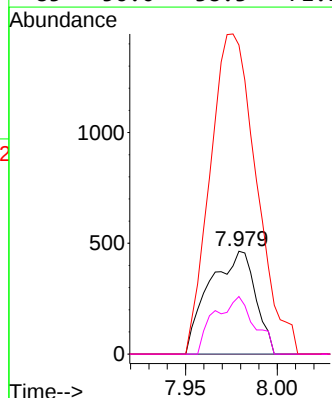
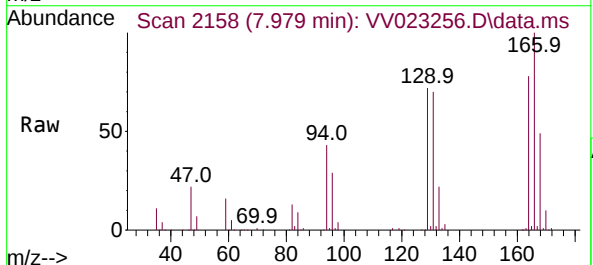
Ion Ratio Lower Upper

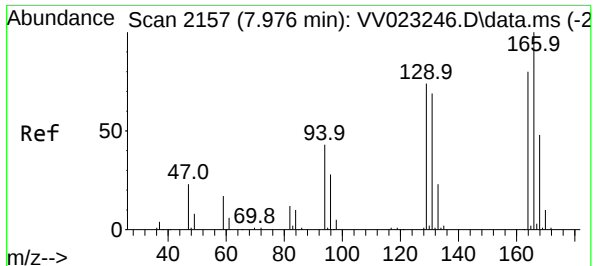
97 100

99 0.0 47.0 87.4#

83 300.6 62.6 116.3#

85 56.0 38.3 71.1





#47

Tetrachloroethene

Concen: 13.723 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

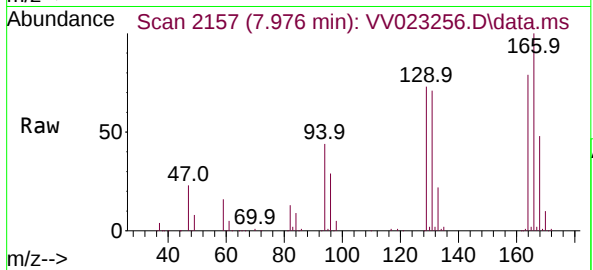
Lab File: VV023256.D

Acq: 06 Nov 2021 00:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 114737

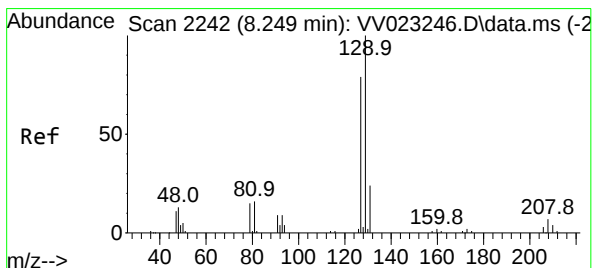
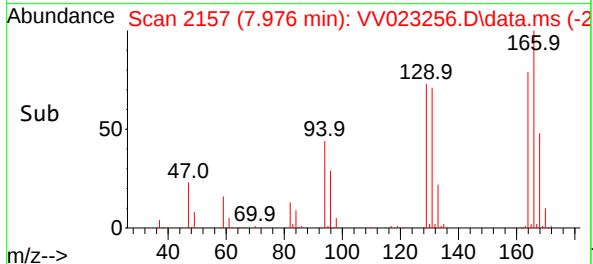
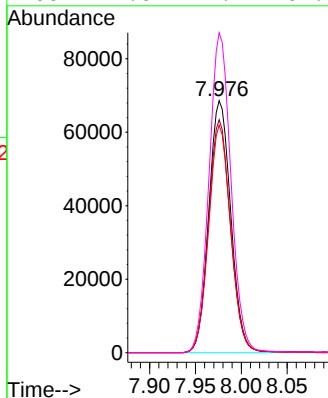
Ion Ratio Lower Upper

164 100

129 92.5 65.5 121.7

131 90.3 63.9 118.7

166 127.0 91.1 169.1



#49

Dibromochloromethane

Concen: 13.074 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023256.D

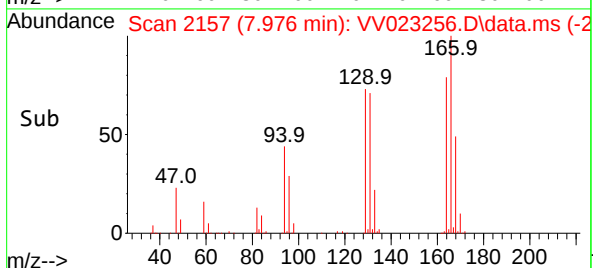
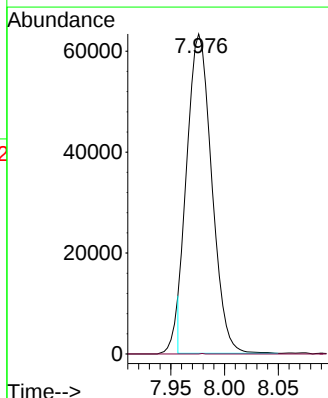
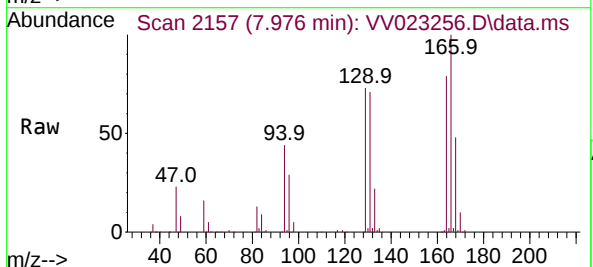
Acq: 06 Nov 2021 00:58

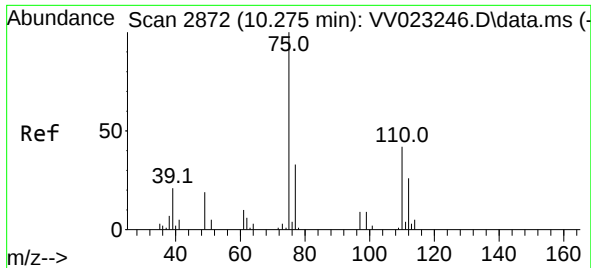
Tgt Ion:129 Resp: 100810

Ion Ratio Lower Upper

129 100

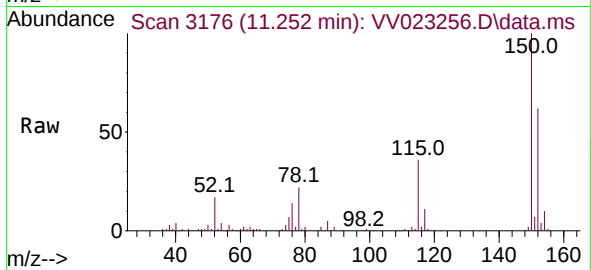
127 0.0 54.4 101.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.676 ug/L
 RT: 11.252 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV023256.D
 Acq: 06 Nov 2021 00:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6729
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.6 39.8
 110 0.7 33.0 49.4#

