

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023464.D
 Acq On : 13 Nov 2021 00:25
 Operator : SY/MD
 Sample : M4616-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 02:00:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

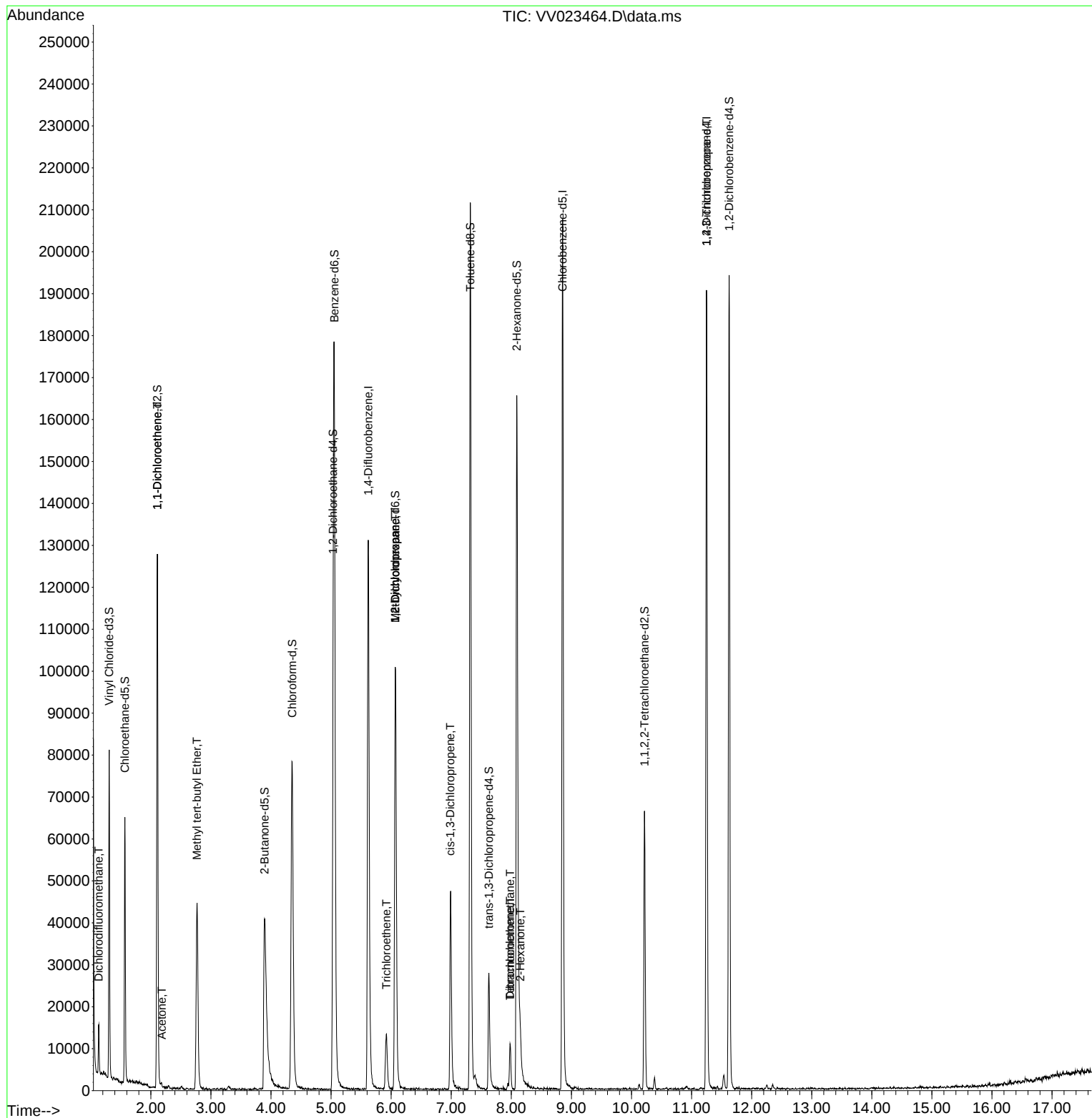
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116488	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	117189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49501	6.783	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.600%#		
7) Chloroethane-d5	1.568	69	36225	6.091	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 121.800%		
11) 1,1-Dichloroethene-d2	2.108	63	63937	4.680	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 93.600%		
20) 2-Butanone-d5	3.892	46	79060	62.884	ug/L	-0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	= 125.760%		
24) Chloroform-d	4.352	84	81064	5.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.034	65	40584	5.803	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.000%		
32) Benzene-d6	5.053	84	164406	5.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.400%		
36) 1,2-Dichloropropane-d6	6.069	67	47894	5.411	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.200%		
41) Toluene-d8	7.317	98	139532	4.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
43) trans-1,3-Dichloroprop...	7.625	79	16456	4.903	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.000%		
46) 2-Hexanone-d5	8.091	63	52011	42.119	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.240%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30741	4.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52078	6.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 122.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2056	0.181	ug/L #	83
12) 1,1-Dichloroethene	2.108	96	505	0.073	ug/L #	1
13) Acetone	2.182	43	857	1.116	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	43481	2.844	ug/L	98
34) Trichloroethene	5.921	95	3942	0.453	ug/L	92
35) Methylcyclohexane	6.069	83	12067	0.878	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5519	0.722	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1331	0.121	ug/L #	69
47) Tetrachloroethene	7.982	164	2457	0.325	ug/L	96
48) 2-Hexanone	8.149	43	8885	3.575	ug/L #	91
49) Dibromochloromethane	7.979	129	1966	0.282	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5224	1.535	ug/L #	63

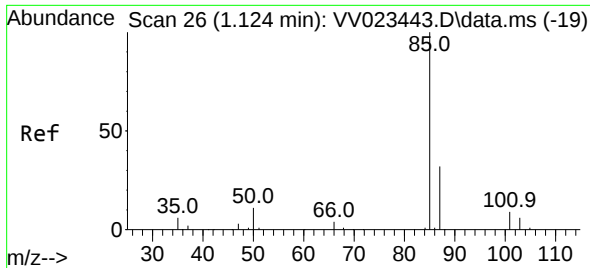
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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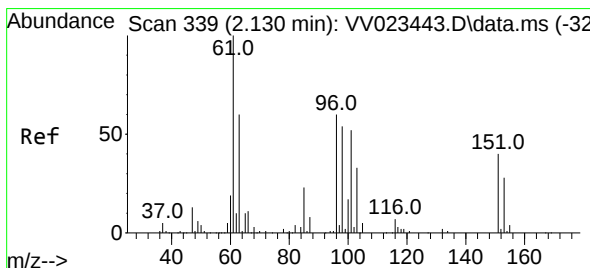
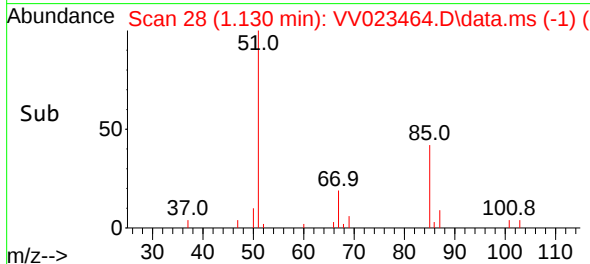
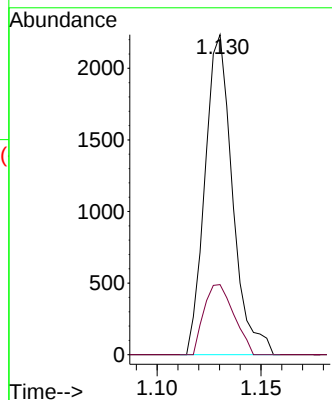
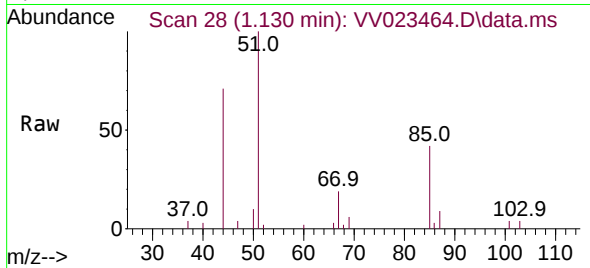




#2
 Dichlorodifluoromethane
 Concen: 0.181 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV023464.D
 Acq: 13 Nov 2021 00:25

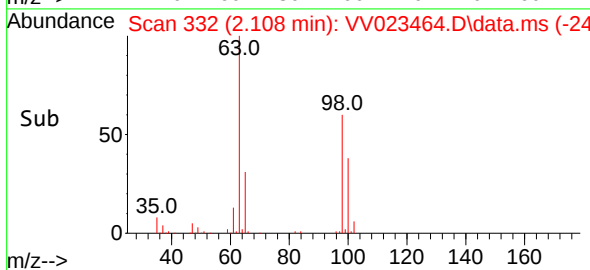
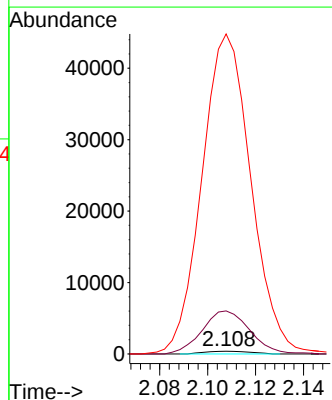
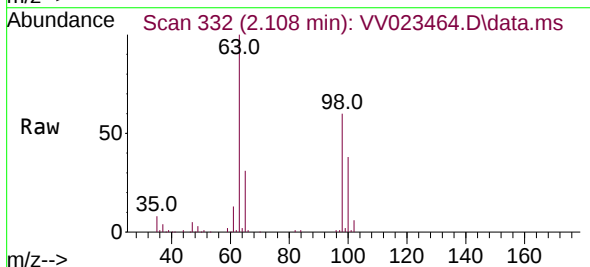
Instrument :
 MSVOA_V
 ClientSampleId :

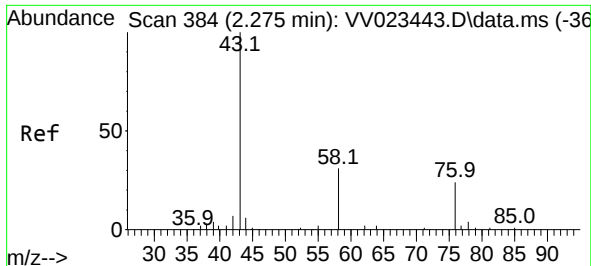
Tgt Ion: 85 Resp: 2056
 Ion Ratio Lower Upper
 85 100
 87 23.7 26.6 39.8#



#12
 1,1-Dichloroethene
 Concen: 0.073 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.023 min
 Lab File: VV023464.D
 Acq: 13 Nov 2021 00:25

Tgt Ion: 96 Resp: 505
 Ion Ratio Lower Upper
 96 100
 61 1563.4 121.5 225.7#
 63 11636.4 99.6 185.0#

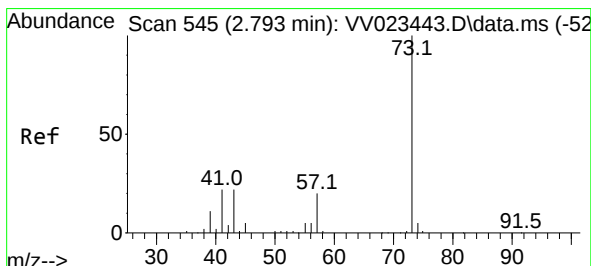
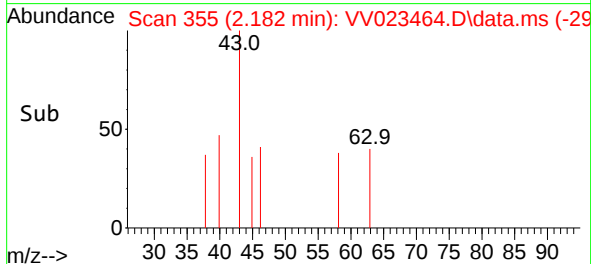
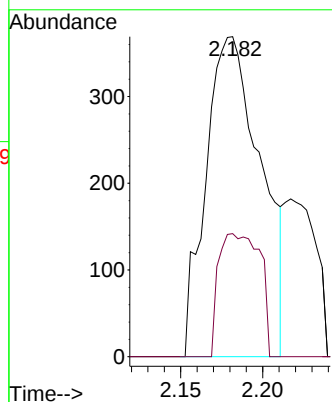
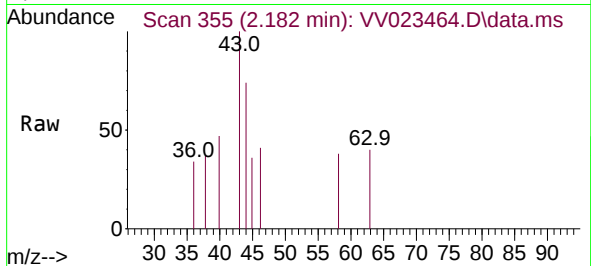




#13
Acetone
Concen: 1.116 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.093 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

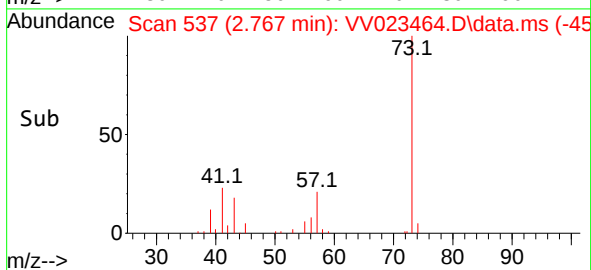
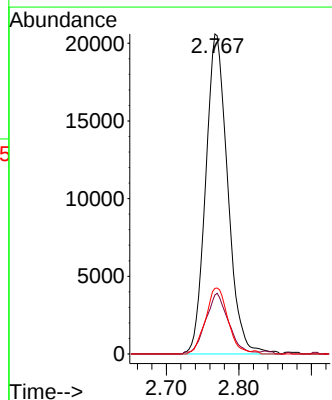
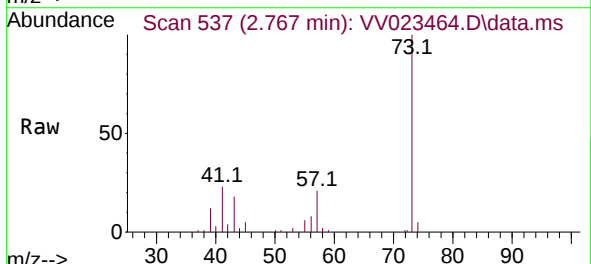
Instrument :
MSVOA_V
ClientSampleId :

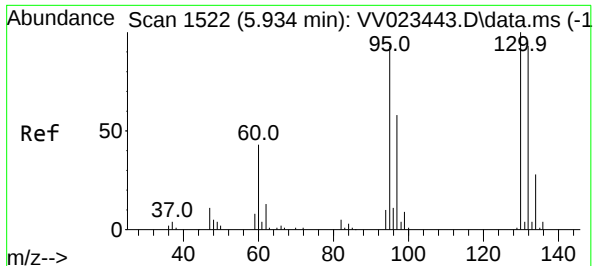
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 28.8 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 2.844 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.026 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

Tgt Ion: 73 Resp: 43481
Ion Ratio Lower Upper
73 100
43 19.7 17.4 26.0
57 20.8 16.5 24.7



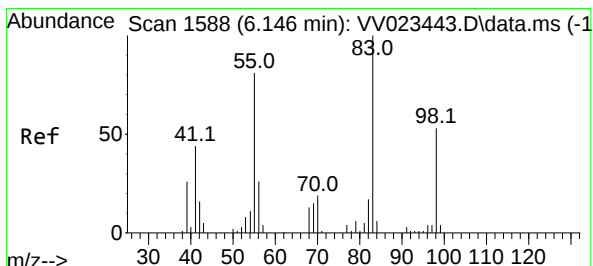
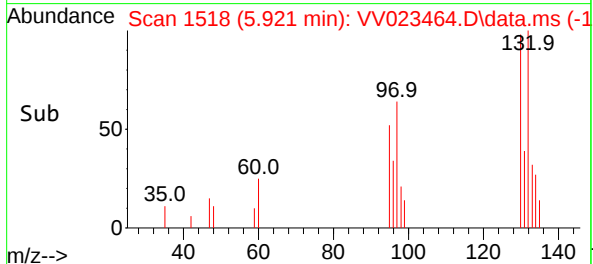
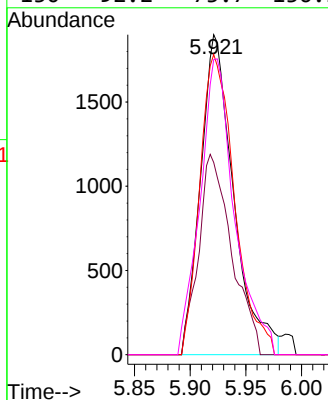
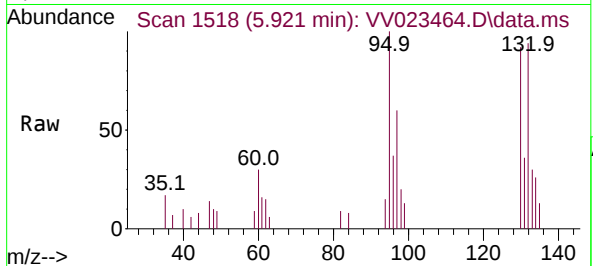


#34
Trichloroethene
Concen: 0.453 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3942

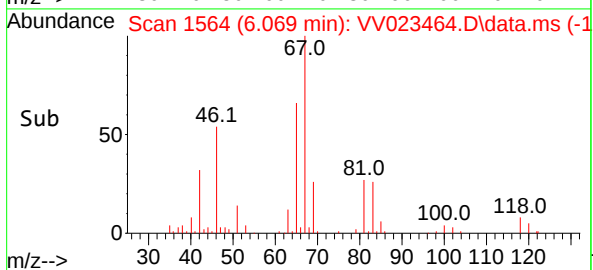
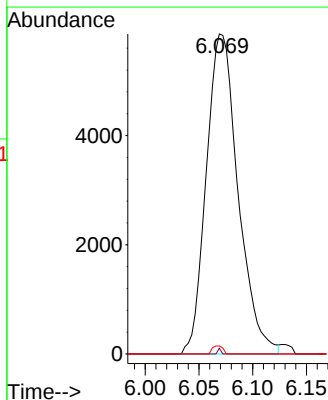
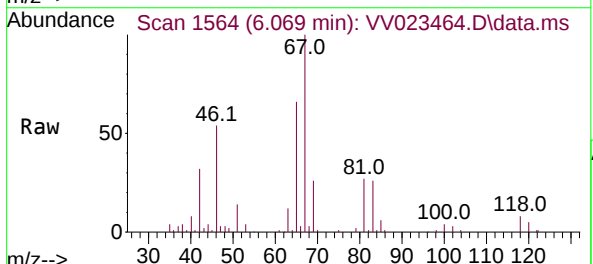
Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.0	83.6
132	93.8	69.7	129.4
130	92.2	73.7	136.9

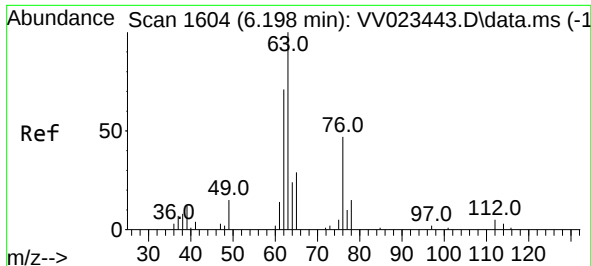


#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.077 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

Tgt Ion: 83 Resp: 12067

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	0.8	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.722 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.129 min

Lab File: VV023464.D

Acq: 13 Nov 2021 00:25

Instrument :

MSVOA_V

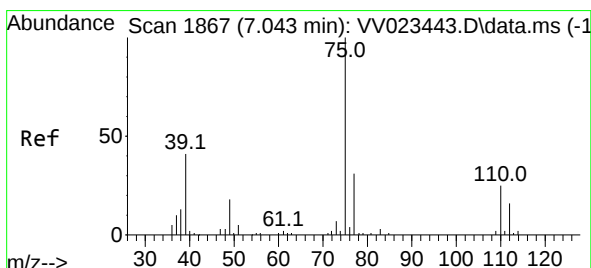
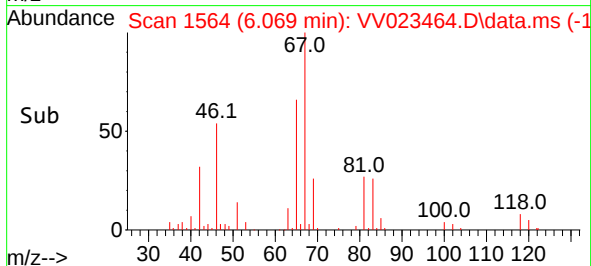
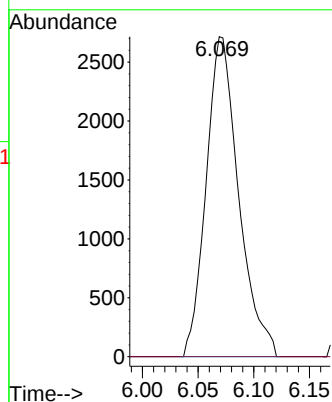
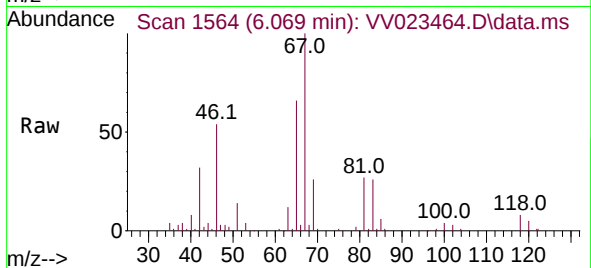
ClientSampleId :

Tgt Ion: 63 Resp: 5519

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.058 min

Lab File: VV023464.D

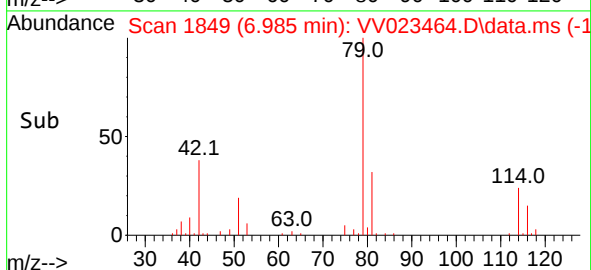
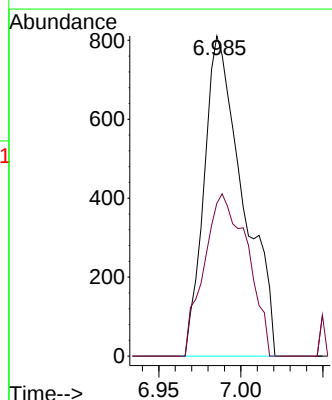
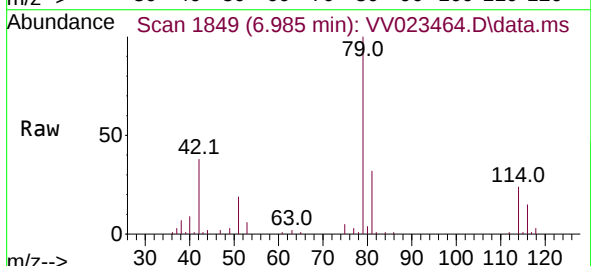
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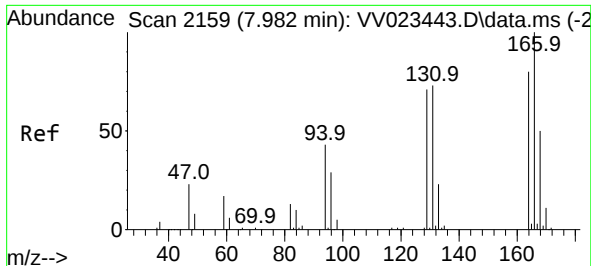
Tgt Ion: 75 Resp: 1331

Ion Ratio Lower Upper

75 100

77 47.7 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.325 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.000 min

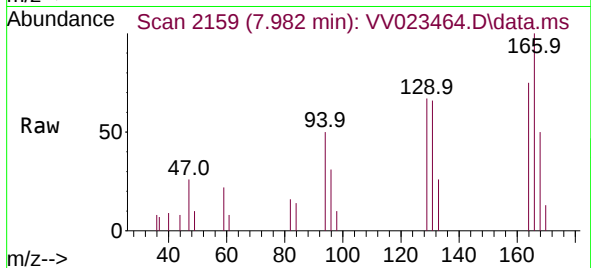
Lab File: VV023464.D

Acq: 13 Nov 2021 00:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2457

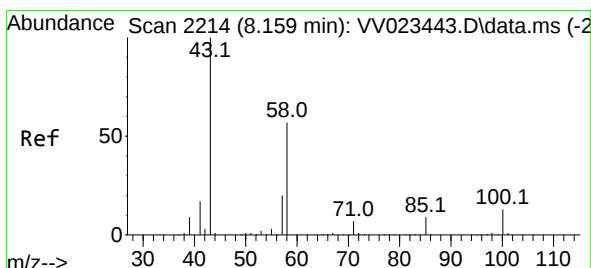
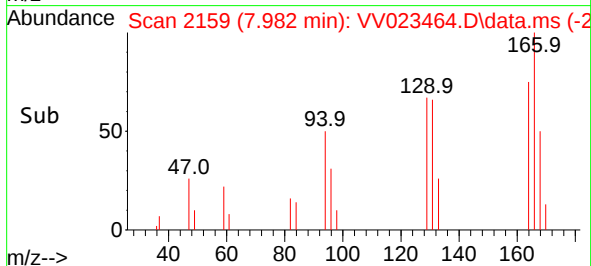
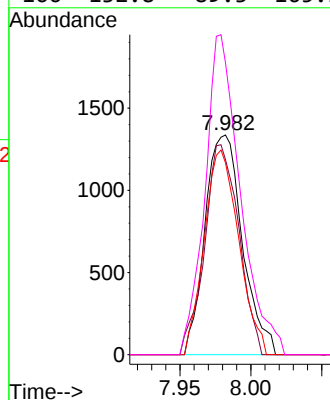
Ion Ratio Lower Upper

164 100

129 88.8 64.0 119.0

131 87.3 63.4 117.8

166 132.8 89.3 165.9



#48

2-Hexanone

Concen: 3.575 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. -0.010 min

Lab File: VV023464.D

Acq: 13 Nov 2021 00:25

Tgt Ion: 43 Resp: 8885

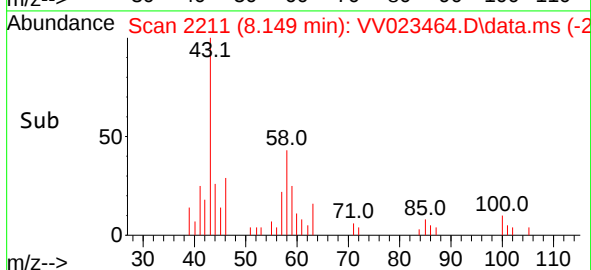
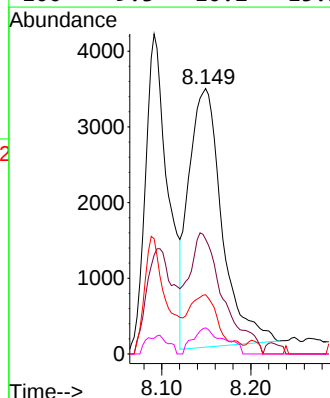
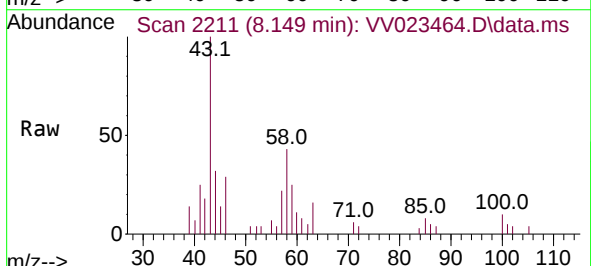
Ion Ratio Lower Upper

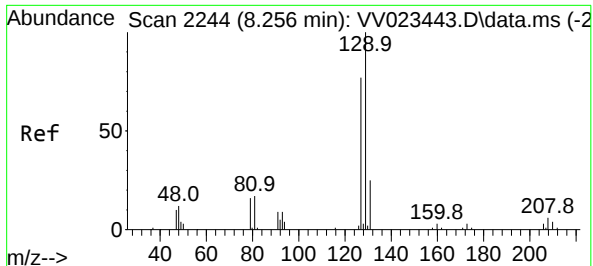
43 100

58 46.9 43.7 65.5

57 19.8 14.1 21.1

100 9.3 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.282 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.277 min

Lab File: VV023464.D

Acq: 13 Nov 2021 00:25

Instrument :

MSVOA_V

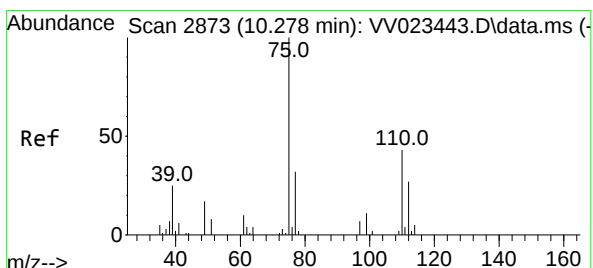
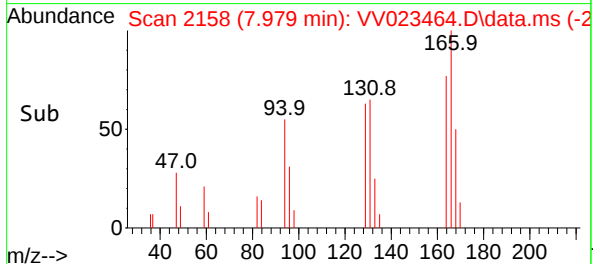
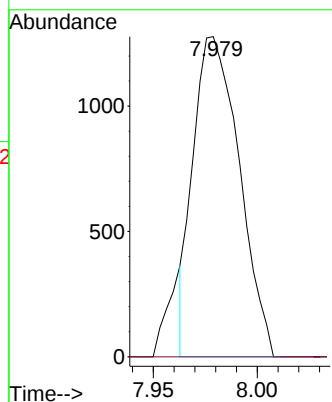
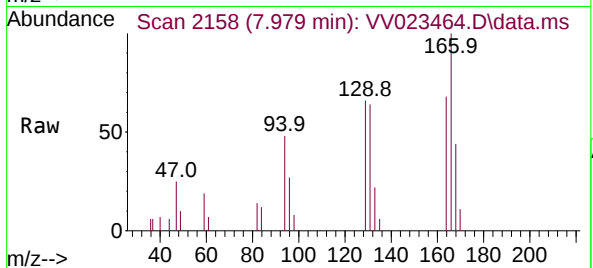
ClientSampleId :

Tgt Ion:129 Resp: 1966

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.535 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.971 min

Lab File: VV023464.D

Acq: 13 Nov 2021 00:25

Tgt Ion: 75 Resp: 5224

Ion Ratio Lower Upper

75 100

77 38.4 26.6 39.8

110 2.7 31.8 47.6#

