

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024748.D
 Acq On : 18 Feb 2022 13:08
 Operator : SY/MD
 Sample : N1510-10RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M35

Quant Time: Feb 19 00:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

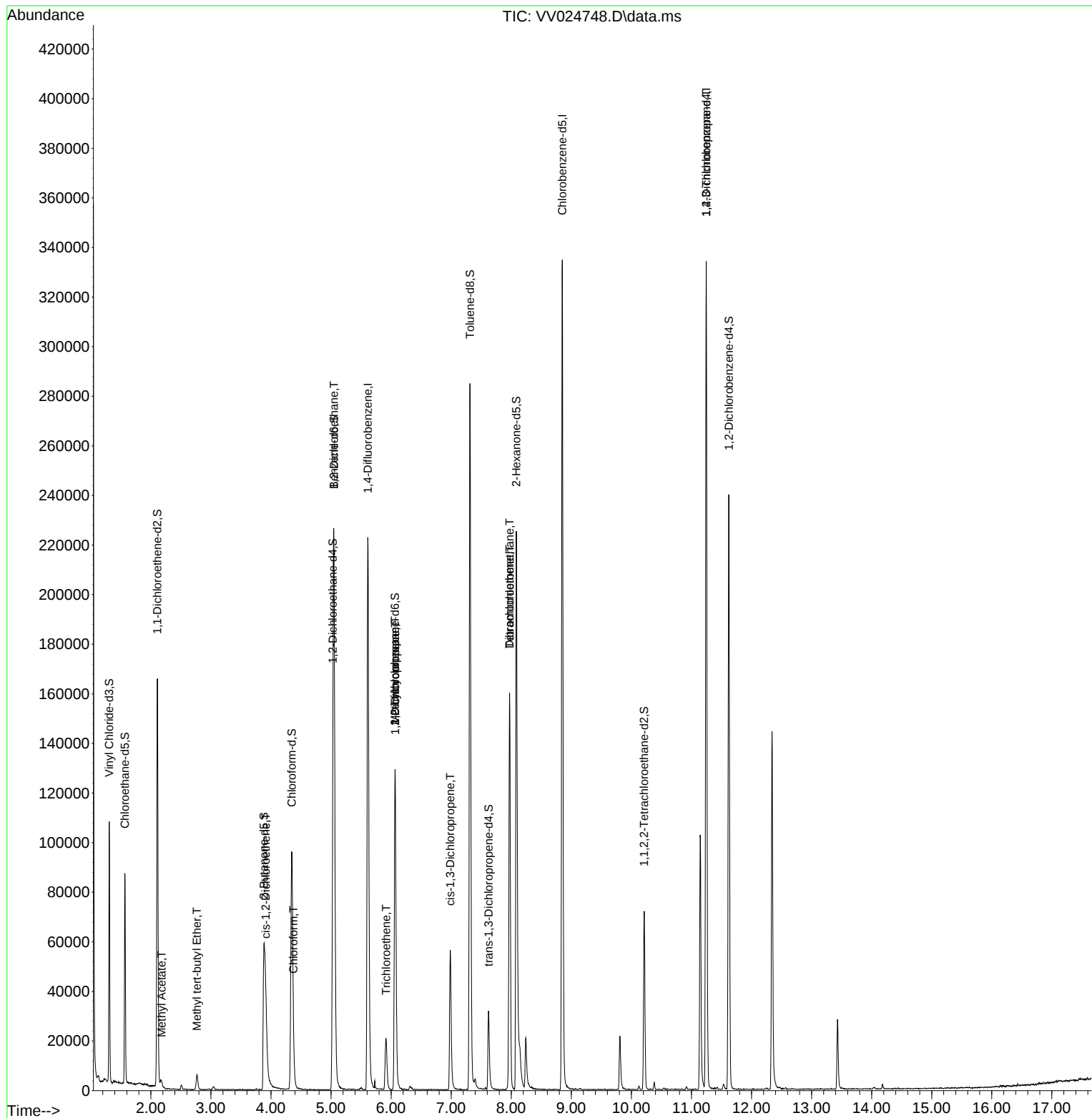
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	194185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62769	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	53717	3.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	86056	2.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.883	46	100924	42.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.800%
24) Chloroform-d	4.346	84	99508	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.030	65	47379	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.046	84	212391	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.066	67	63171	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.313	98	186294	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	19470	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	80018	40.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	36107	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	57457	4.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						Qvalue
15) Methyl Acetate	2.178	43	4164	0.959	ug/L #	49
17) Methyl tert-butyl Ether	2.767	73	6089	0.205	ug/L	95
22) cis-1,2-Dichloroethene	3.911	96	11404	0.730	ug/L	93
25) Chloroform	4.375	83	4340	0.154	ug/L	99
27) 1,2-Dichloroethane	5.046	62	1135	0.075	ug/L #	73
34) Trichloroethene	5.918	95	6748	0.424	ug/L	95
35) Methylcyclohexane	6.066	83	14705	0.572	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6713	0.473	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1526	0.078	ug/L #	54
47) Tetrachloroethene	7.972	164	33193	3.065	ug/L	96
49) Dibromochloromethane	7.972	129	33565	3.278	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	10975	1.496	ug/L #	66

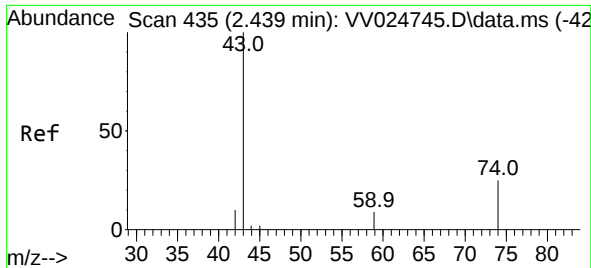
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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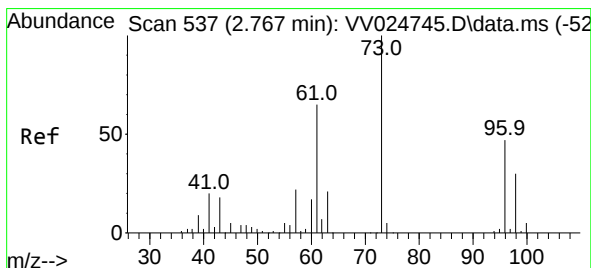
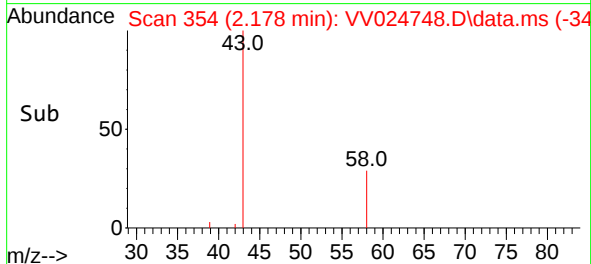
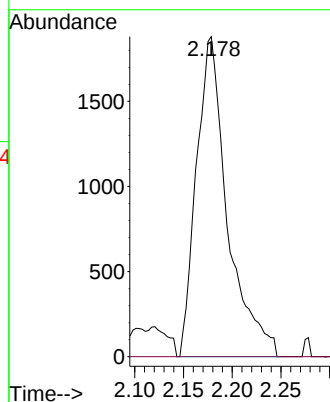
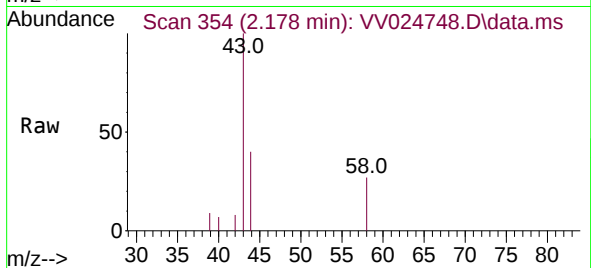




#15
Methyl Acetate
Concen: 0.959 ug/L
RT: 2.178 min Scan# 31
Delta R.T. -0.260 min
Lab File: VV024748.D
Acq: 18 Feb 2022 13:08

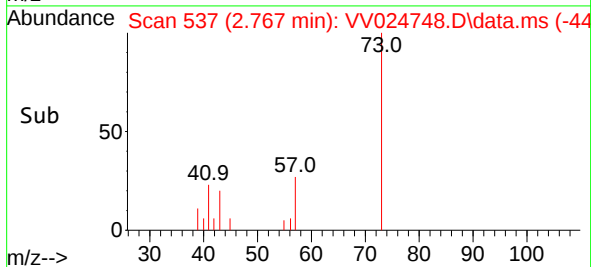
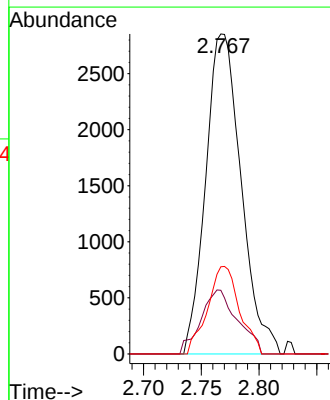
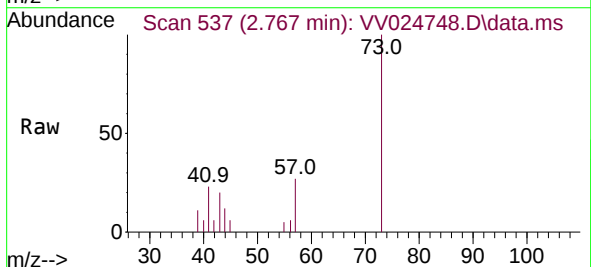
Instrument :
MSVOA_V
ClientSampleId :
F4M35

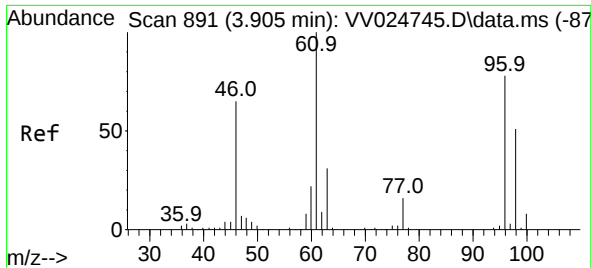
Tgt Ion: 43 Resp: 4164
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#17
Methyl tert-butyl Ether
Concen: 0.205 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV024748.D
Acq: 18 Feb 2022 13:08

Tgt Ion: 73 Resp: 6089
Ion Ratio Lower Upper
73 100
43 20.6 15.1 22.7
57 24.6 17.4 26.2

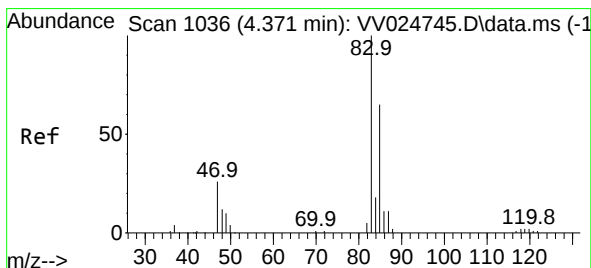
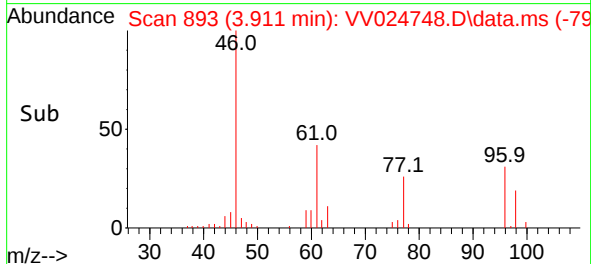
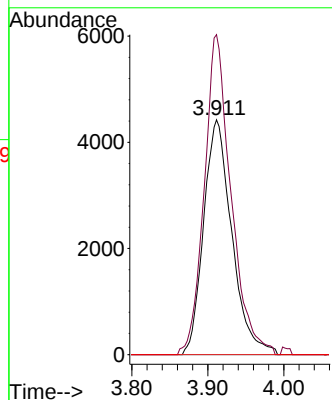
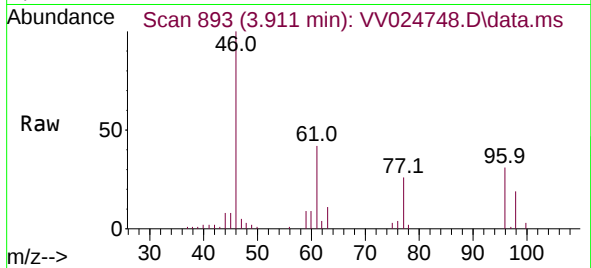




#22
 cis-1,2-Dichloroethene
 Concen: 0.730 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024748.D
 Acq: 18 Feb 2022 13:08

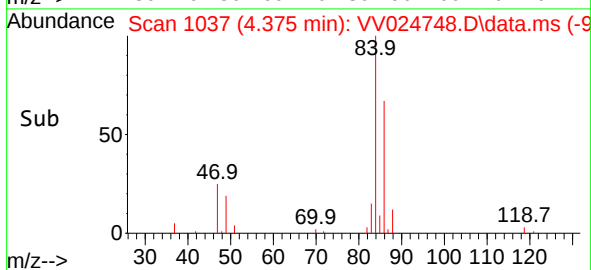
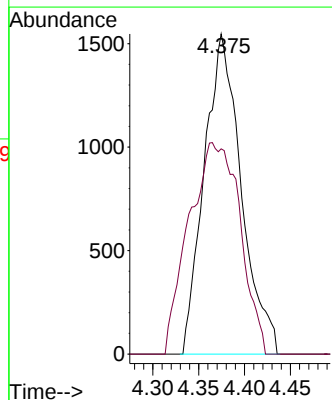
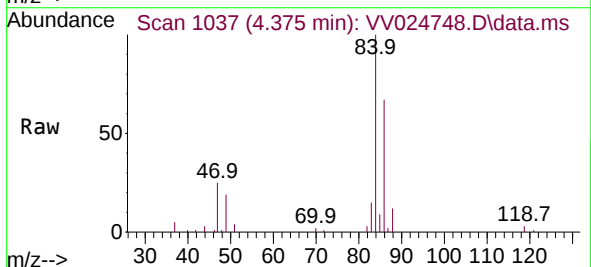
Instrument :
 MSVOA_V
 ClientSampleId :
 F4M35

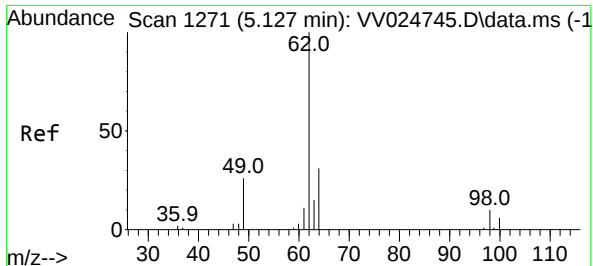
Tgt Ion: 96 Resp: 11404
 Ion Ratio Lower Upper
 96 100
 61 136.2 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.154 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV024748.D
 Acq: 18 Feb 2022 13:08

Tgt Ion: 83 Resp: 4340
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.046 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

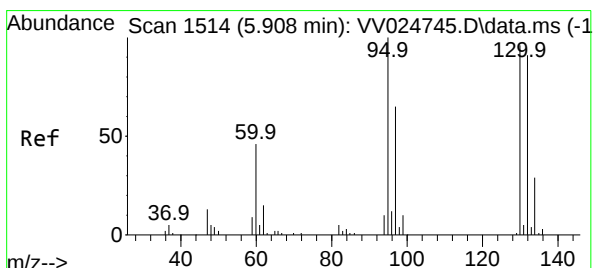
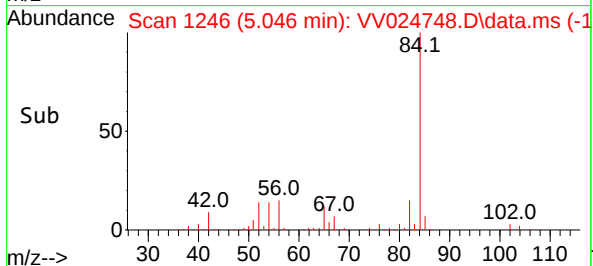
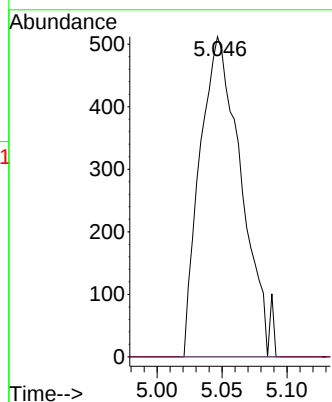
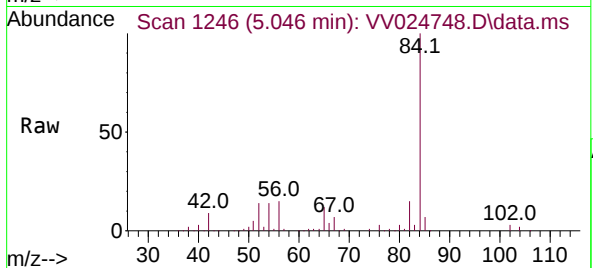
F4M35

Tgt Ion: 62 Resp: 1135

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 0.424 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Tgt Ion: 95 Resp: 6748

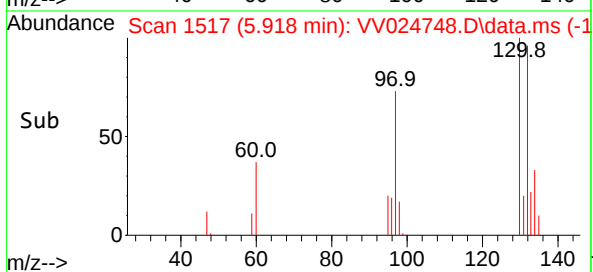
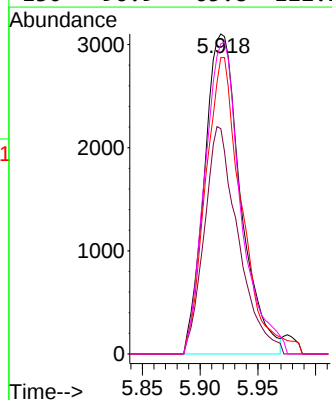
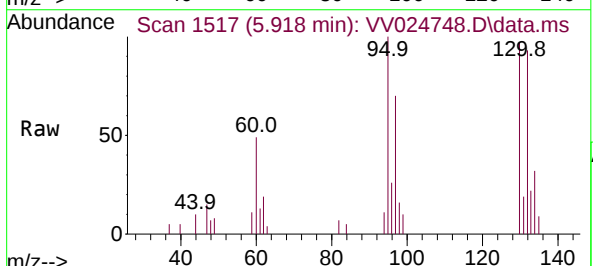
Ion Ratio Lower Upper

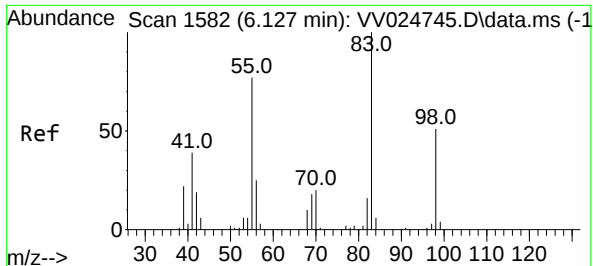
95 100

97 70.4 44.2 82.0

132 92.7 62.1 115.3

130 96.9 65.8 122.2





#35

Methylcyclohexane

Concen: 0.572 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

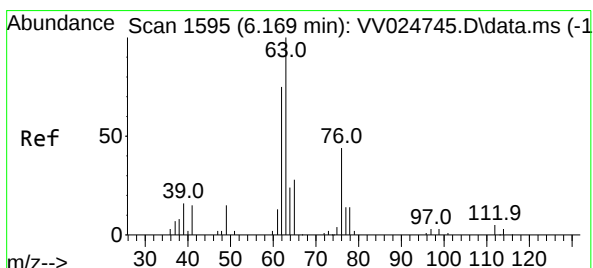
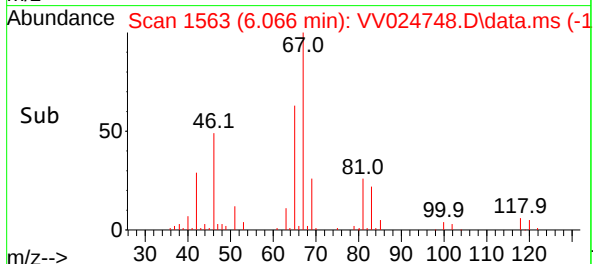
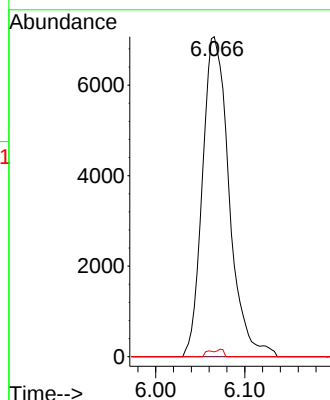
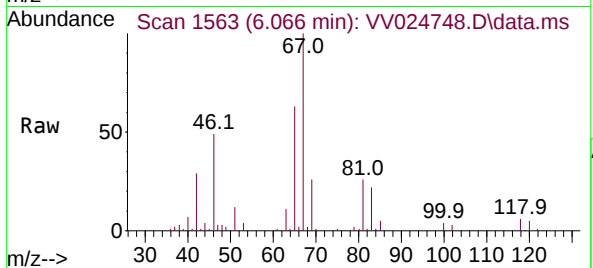
Instrument :

MSVOA_V

ClientSampleId :

F4M35

Tgt Ion:	83	Resp:	14705
Ion Ratio	Lower	Upper	
83	100		
55	0.0	58.8	88.2#
98	0.6	38.6	58.0#



#37

1,2-Dichloropropane

Concen: 0.473 ug/L

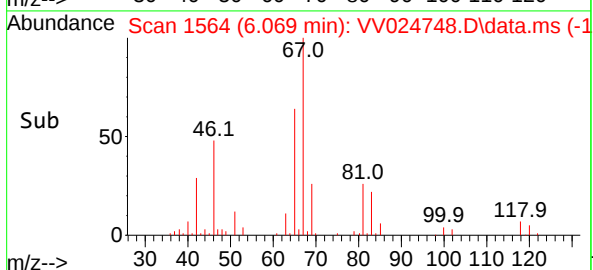
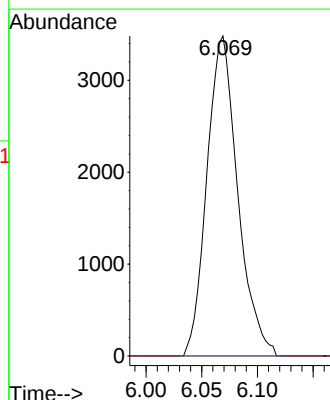
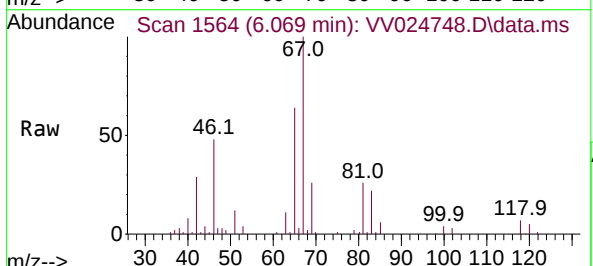
RT: 6.069 min Scan# 1564

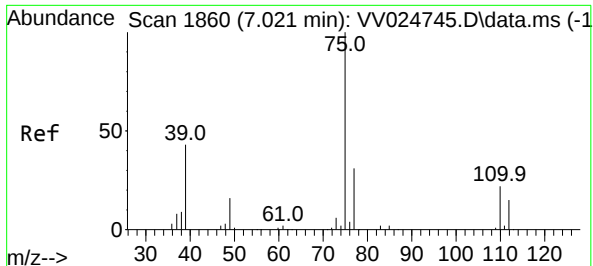
Delta R.T. -0.100 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Tgt Ion:	63	Resp:	6713
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

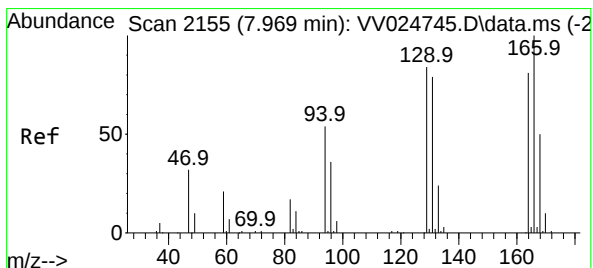
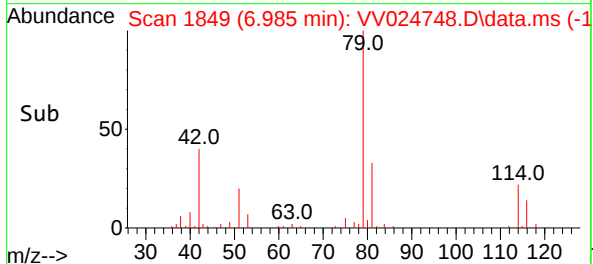
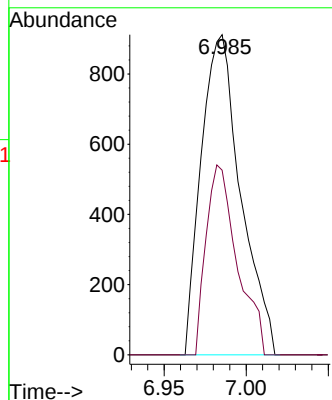
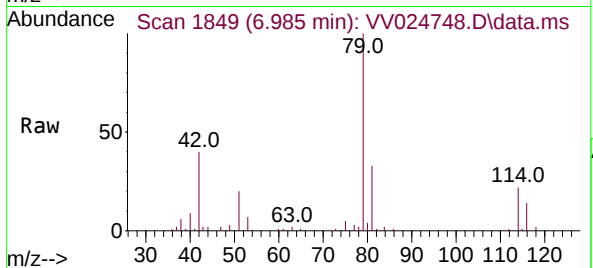
F4M35

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 57.7 22.3 41.5#



#47

Tetrachloroethene

Concen: 3.065 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Tgt Ion:164 Resp: 33193

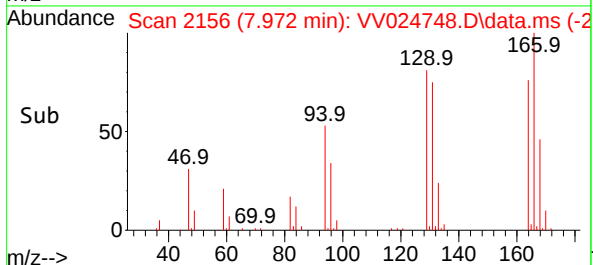
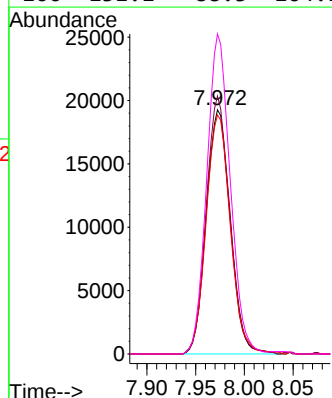
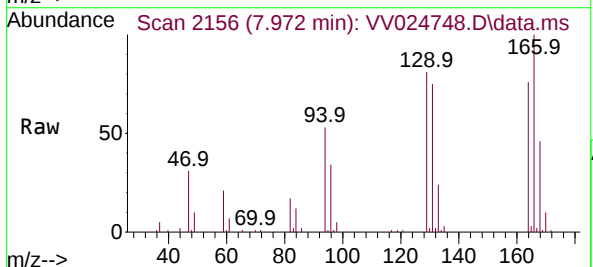
Ion Ratio Lower Upper

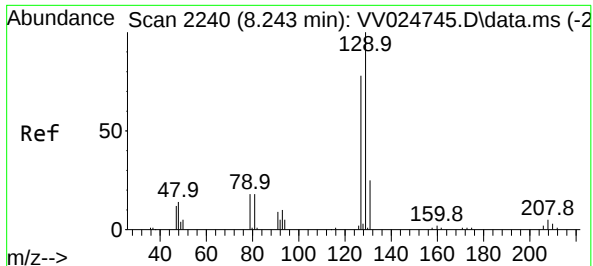
164 100

129 105.6 70.3 130.7

131 97.9 67.7 125.7

166 131.1 88.3 164.1





#49

Dibromochloromethane

Concen: 3.278 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024748.D

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ClientSampleId :

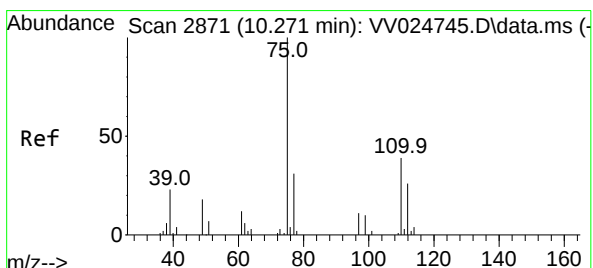
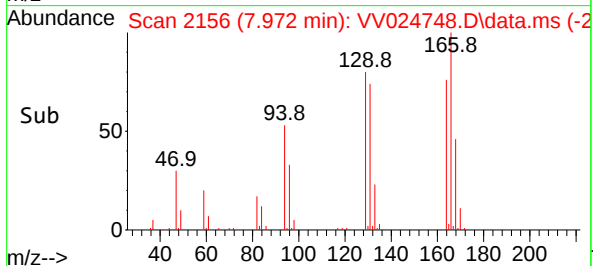
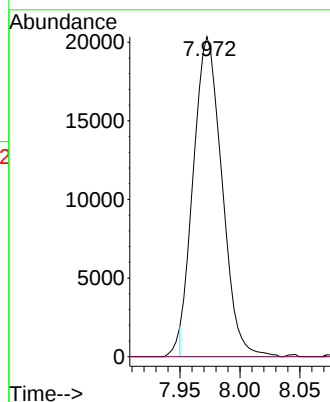
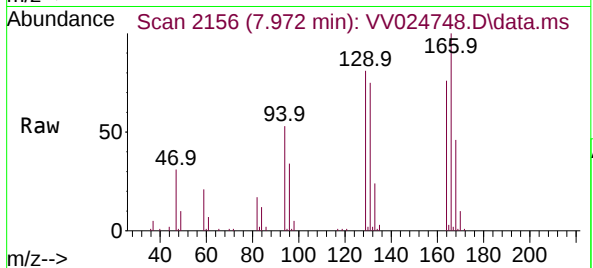
F4M35

Tgt Ion:129 Resp: 33565

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 1.496 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024748.D

Acq: 18 Feb 2022 13:08

Tgt Ion: 75 Resp: 10975

Ion Ratio Lower Upper

75 100

77 35.8 26.3 39.5

110 2.5 30.3 45.5#

