

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025221.D
 Acq On : 27 Mar 2022 00:14
 Operator : SY/MD
 Sample : N2097-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Mar 28 02:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

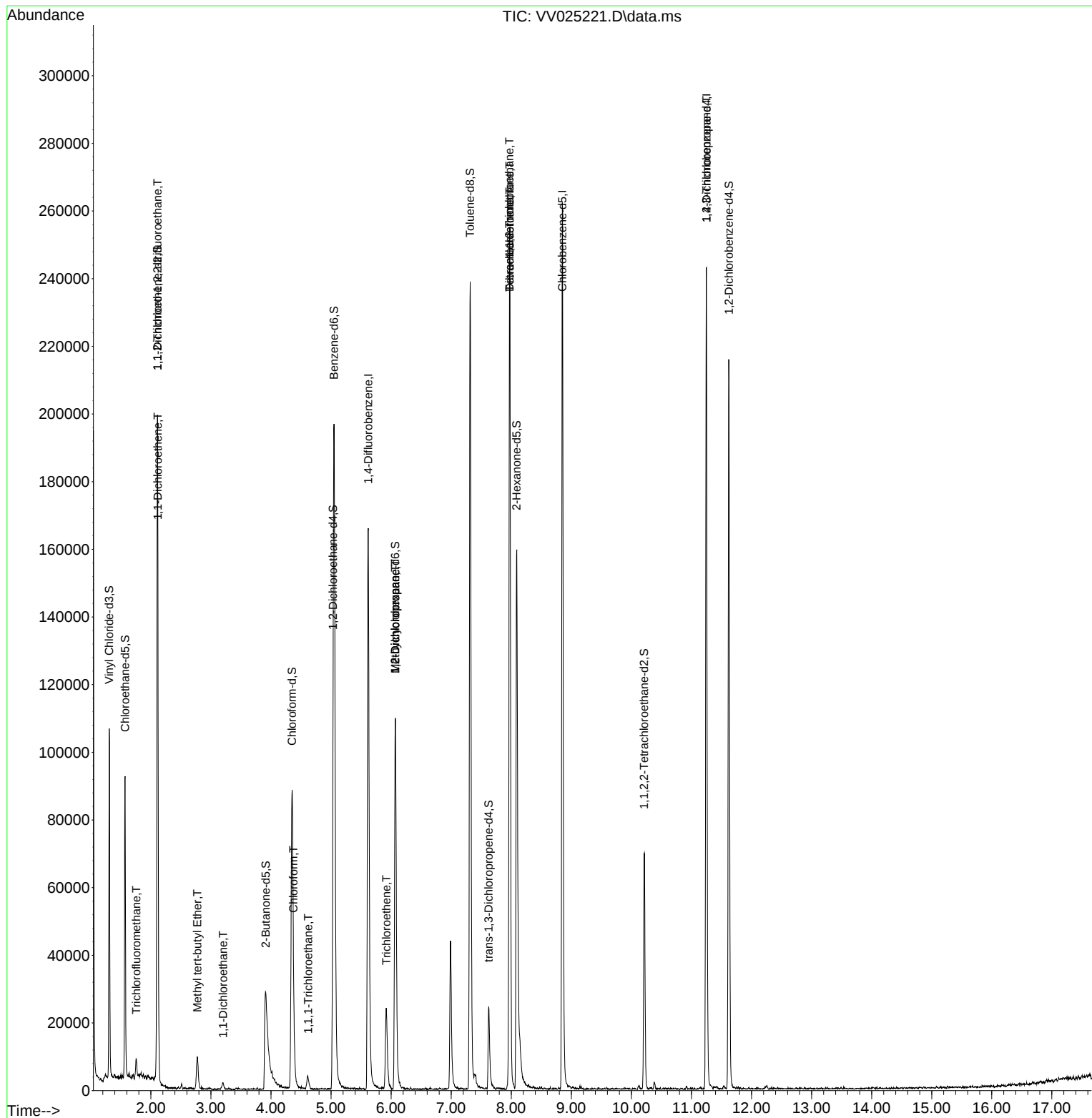
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146983	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63805	4.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.571	69	55889	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.111	63	102430	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.912	46	64387	47.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	4.352	84	92790	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	41832	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.050	84	188472	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	53507	5.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.317	98	164197	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.625	79	14848	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.088	63	60709	49.818	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33019	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	53708	5.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	3000	0.115	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1976	0.127	ug/L #	70
12) 1,1-Dichloroethene	2.117	96	1607	0.109	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	10416	0.556	ug/L #	93
19) 1,1-Dichloroethane	3.201	63	2007	0.113	ug/L #	85
25) Chloroform	4.375	83	5446	0.277	ug/L	89
29) 1,1,1-Trichloroethane	4.619	97	2840	0.161	ug/L #	93
34) Trichloroethene	5.921	95	7836	0.667	ug/L	95
35) Methylcyclohexane	6.069	83	14259	0.775	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6379	0.643	ug/L #	84
45) 1,1,2-Trichloroethane	7.969	97	515	0.076	ug/L #	42
47) Tetrachloroethene	7.976	164	55658	6.424	ug/L	98
49) Dibromochloromethane	7.976	129	51620	7.058	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7356	1.589	ug/L #	63

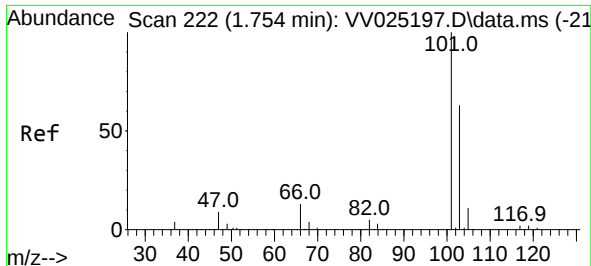
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
Data File : VV025221.D
Acq On : 27 Mar 2022 00:14
Operator : SY/MD
Sample : N2097-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE4

Quant Time: Mar 28 02:05:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Mar 28 01:44:37 2022
Response via : Initial Calibration

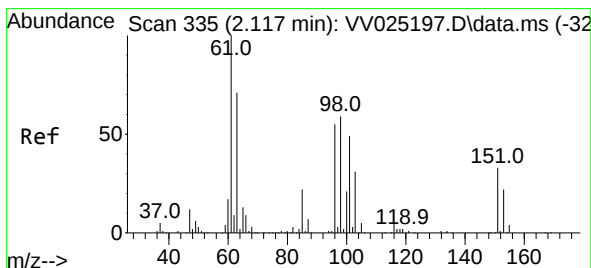
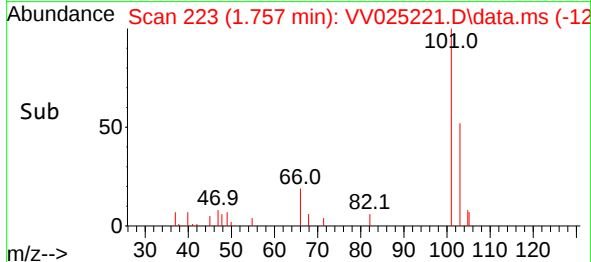
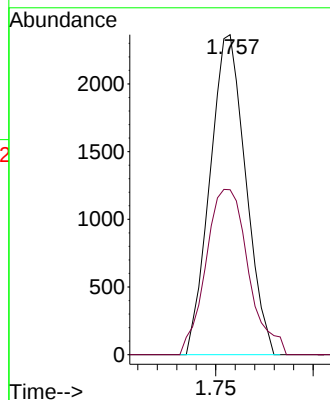
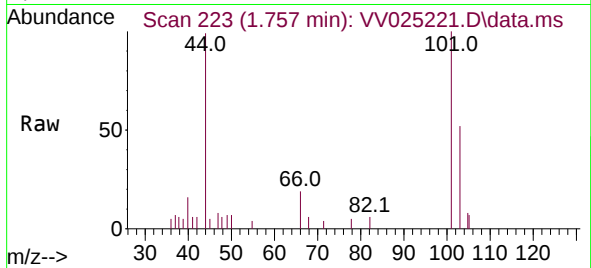




#9
 Trichlorofluoromethane
 Concen: 0.115 ug/L
 RT: 1.757 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VV025221.D
 Acq: 27 Mar 2022 00:14

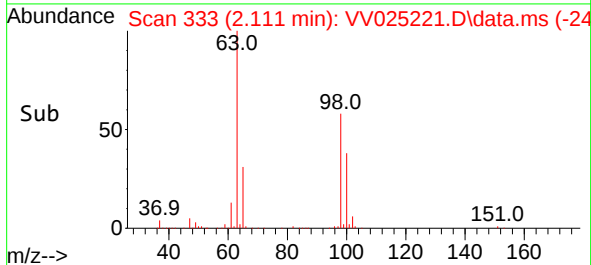
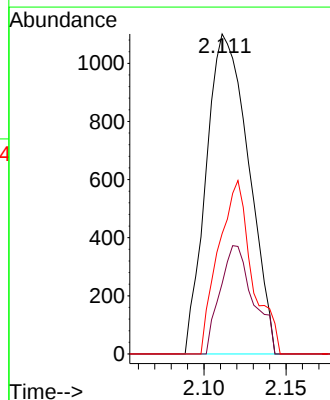
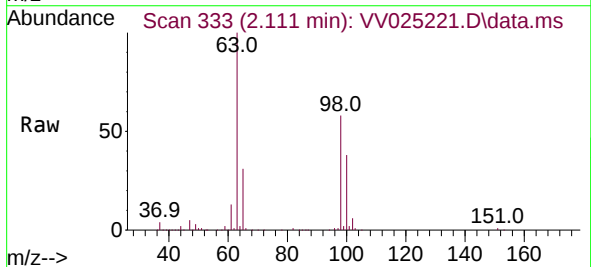
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

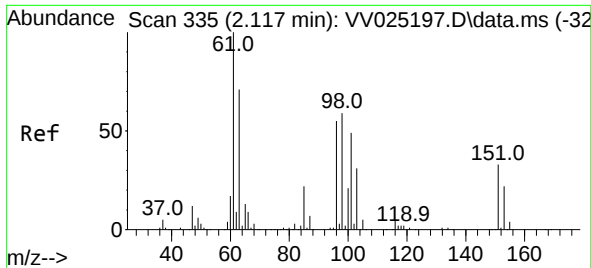
Tgt Ion:101 Resp: 3000
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.2 78.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.127 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV025221.D
 Acq: 27 Mar 2022 00:14

Tgt Ion:101 Resp: 1976
 Ion Ratio Lower Upper
 101 100
 85 26.6 36.0 54.0#
 151 43.2 54.6 81.8#

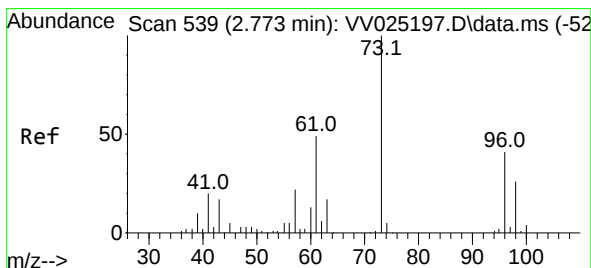
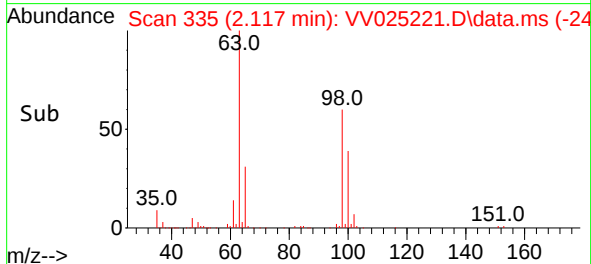
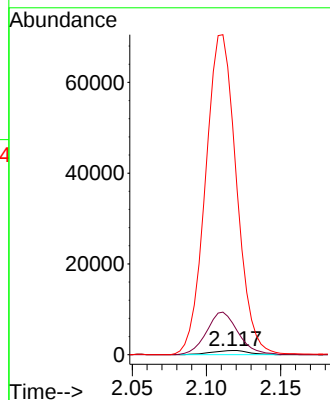
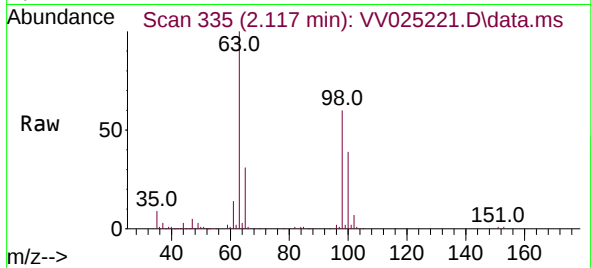




#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

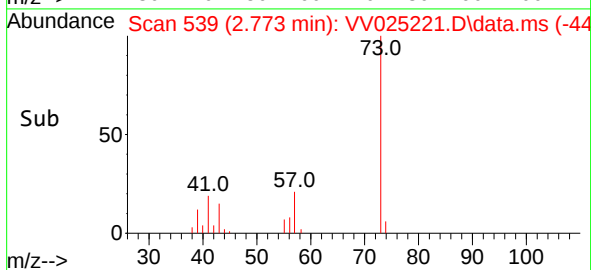
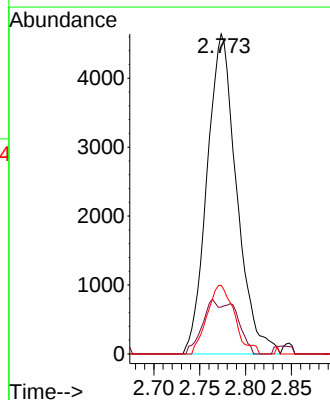
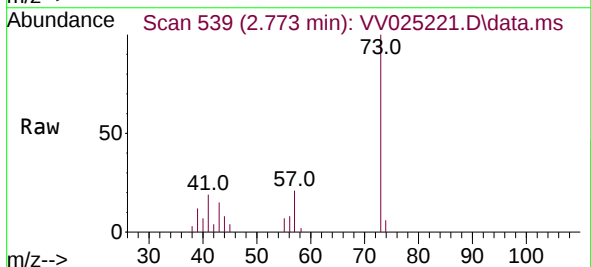
Instrument :
MSVOA_V
ClientSampleId :
C0AE4

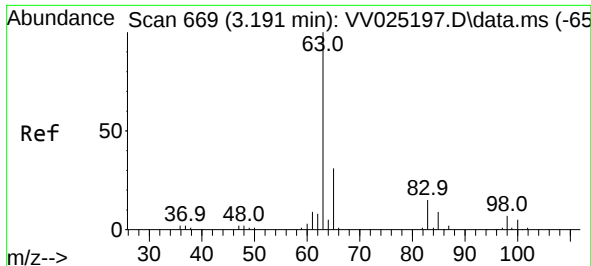
Tgt Ion: 96 Resp: 1607
Ion Ratio Lower Upper
96 100
61 749.1 121.5 225.7#
63 5468.5 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 0.556 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

Tgt Ion: 73 Resp: 10416
Ion Ratio Lower Upper
73 100
43 10.6 13.5 20.3#
57 19.9 16.4 24.6





#19

1,1-Dichloroethane

Concen: 0.113 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

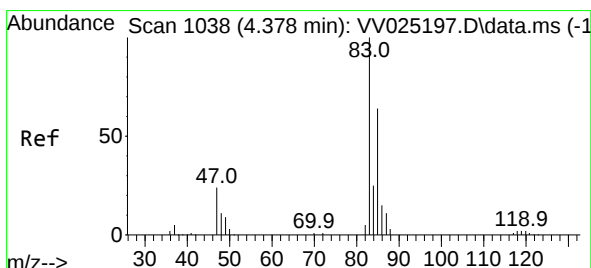
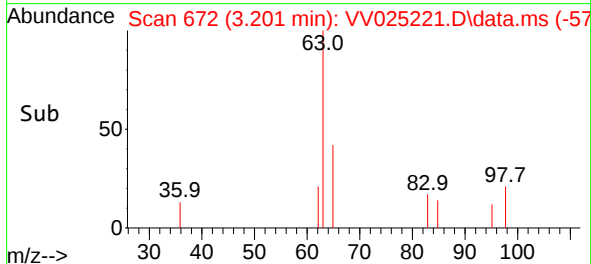
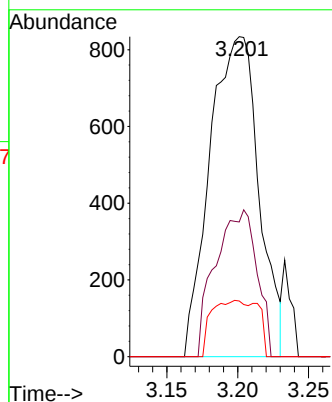
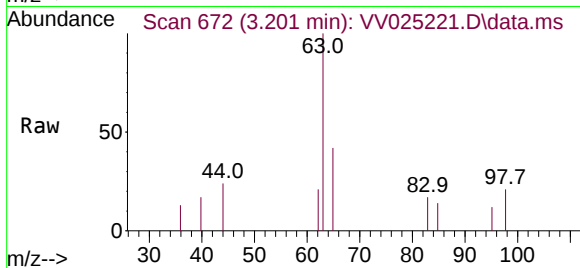
Tgt Ion: 63 Resp: 2007

Ion Ratio Lower Upper

63 100

65 42.1 22.0 40.8#

83 17.4 10.2 19.0



#25

Chloroform

Concen: 0.277 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025221.D

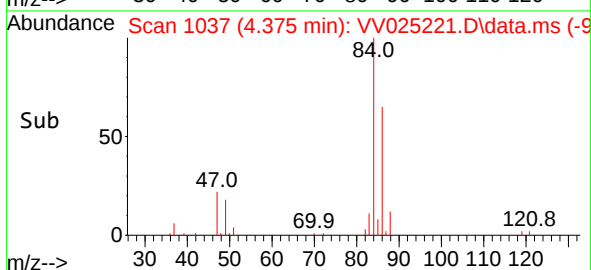
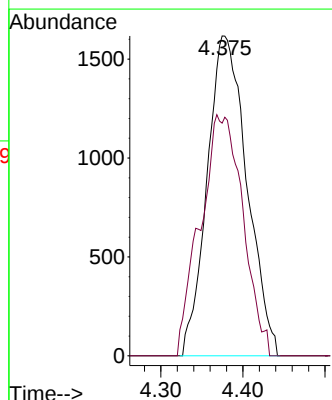
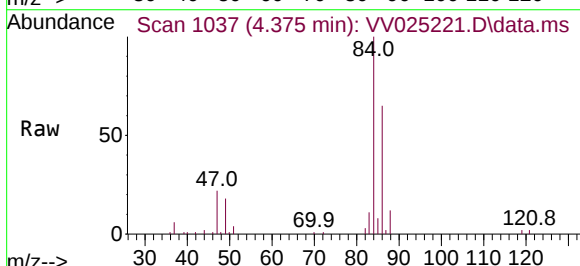
Acq: 27 Mar 2022 00:14

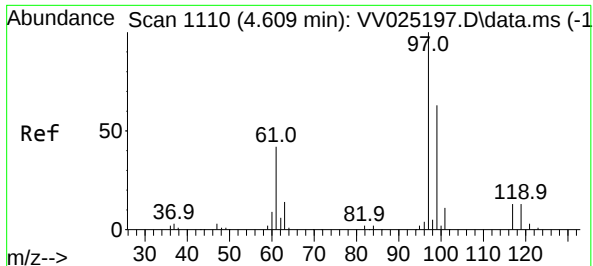
Tgt Ion: 83 Resp: 5446

Ion Ratio Lower Upper

83 100

85 72.7 44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 0.161 ug/L

RT: 4.619 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

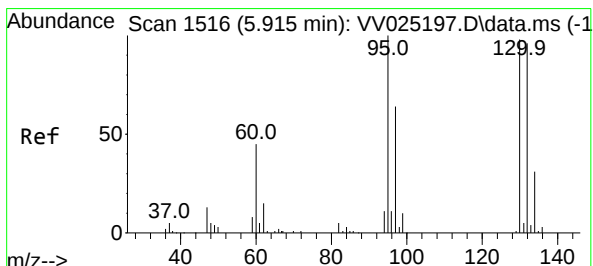
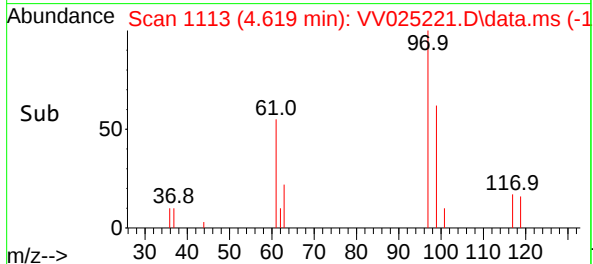
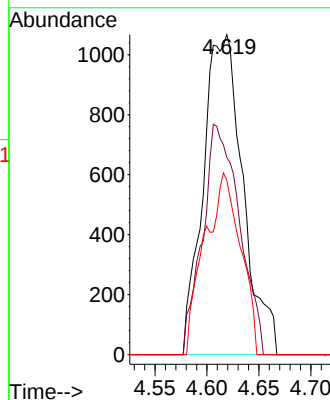
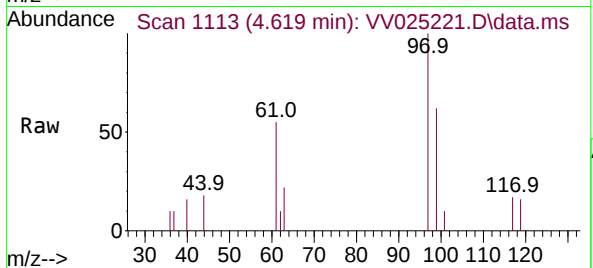
Tgt Ion: 97 Resp: 2840

Ion Ratio Lower Upper

97 100

99 67.0 51.9 77.9

61 51.3 34.2 51.2#



#34

Trichloroethene

Concen: 0.667 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Tgt Ion: 95 Resp: 7836

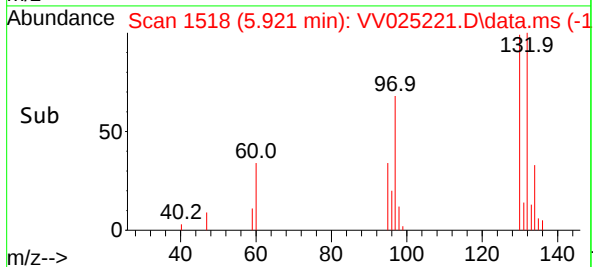
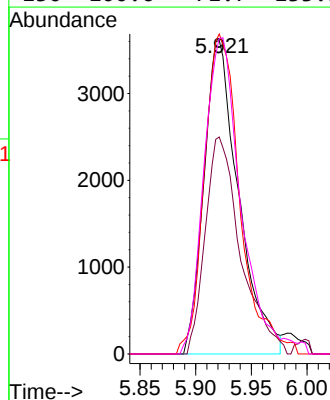
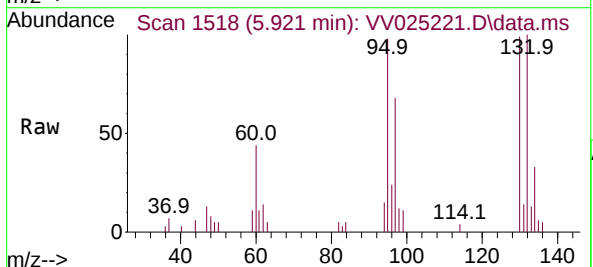
Ion Ratio Lower Upper

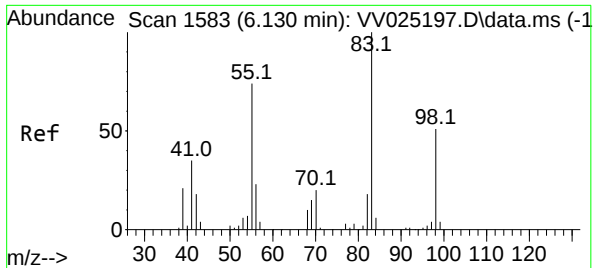
95 100

97 69.2 46.3 85.9

132 102.0 65.2 121.2

130 100.6 71.7 133.1

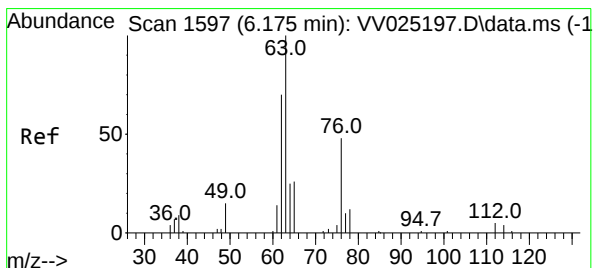
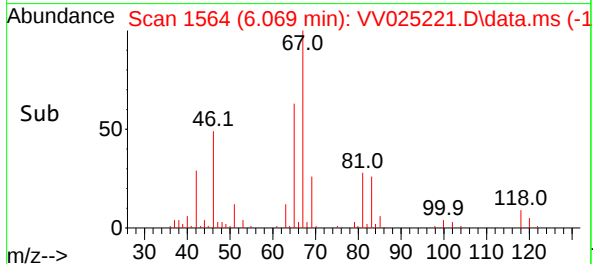
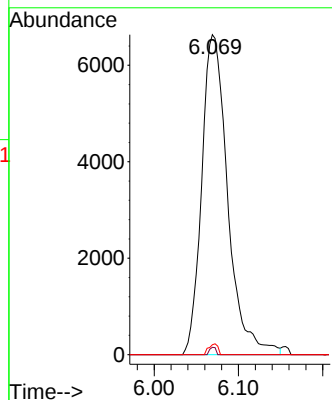
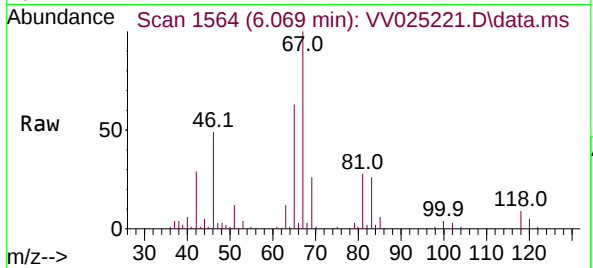




#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

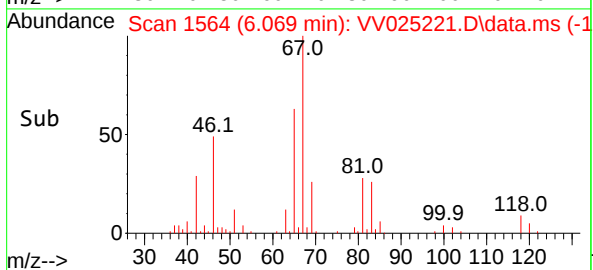
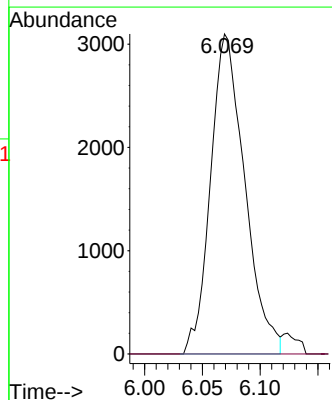
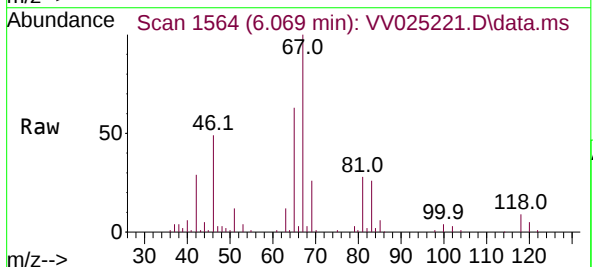
Instrument :
MSVOA_V
ClientSampleId :
C0AE4

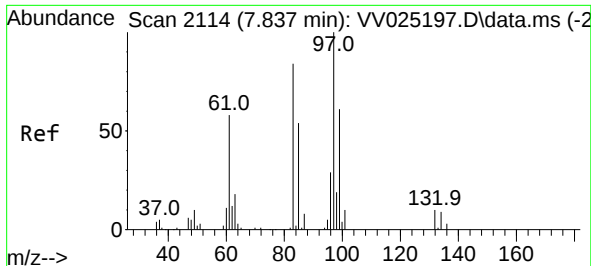
Tgt Ion: 83 Resp: 14259
Ion Ratio Lower Upper
83 100
55 0.6 54.6 81.8#
98 1.2 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV025221.D
Acq: 27 Mar 2022 00:14

Tgt Ion: 63 Resp: 6379
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#45

1,1,2-Trichloroethane

Concen: 0.076 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

Tgt Ion: 97 Resp: 515

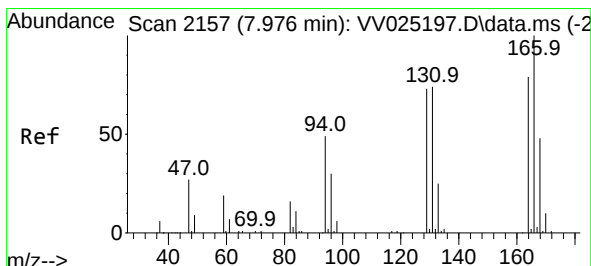
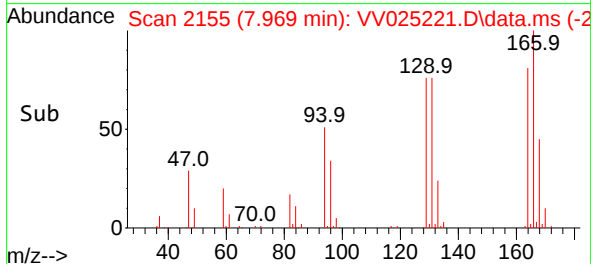
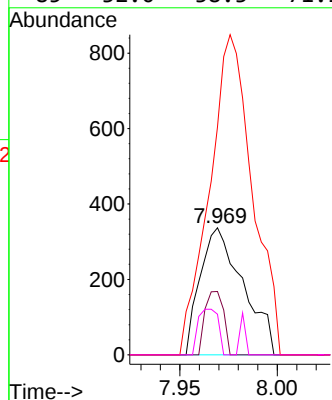
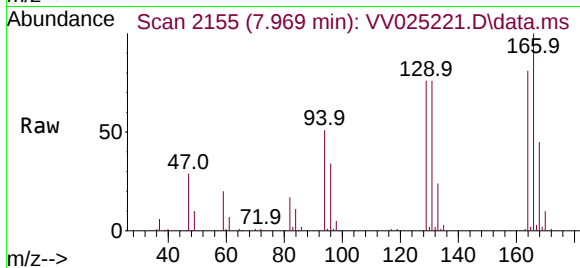
Ion Ratio Lower Upper

97 100

99 49.9 43.3 80.5

83 179.2 58.0 107.6#

85 32.0 38.3 71.1#



#47

Tetrachloroethene

Concen: 6.424 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Tgt Ion:164 Resp: 55658

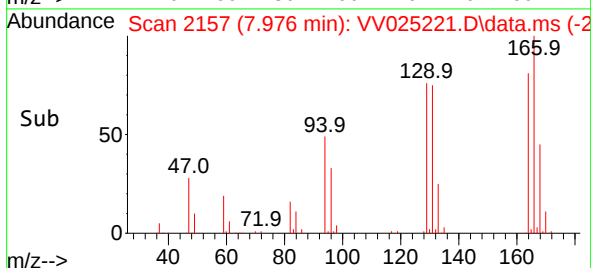
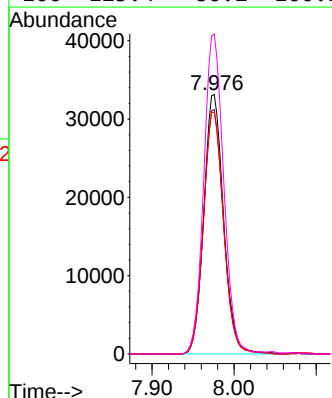
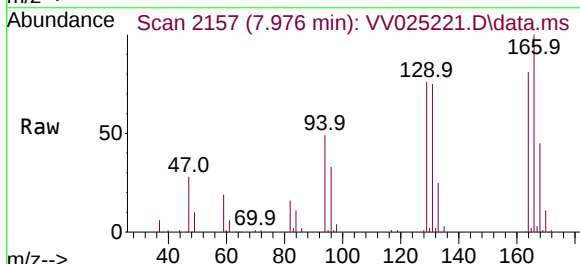
Ion Ratio Lower Upper

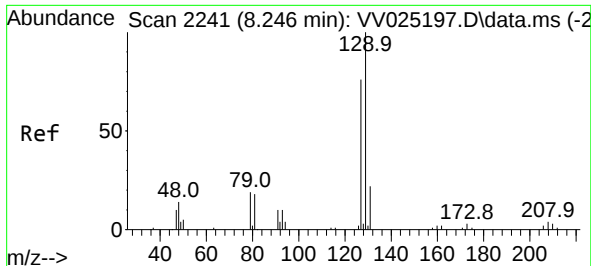
164 100

129 94.2 67.5 125.4

131 93.1 68.0 126.4

166 123.4 86.2 160.2





#49

Dibromochloromethane

Concen: 7.058 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

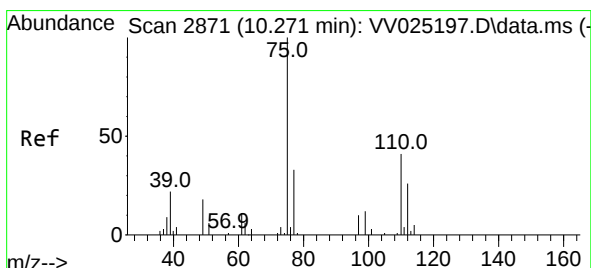
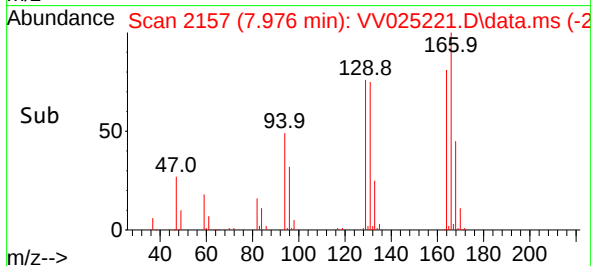
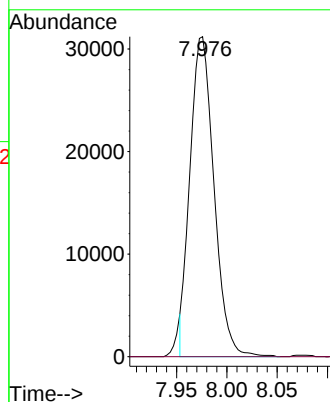
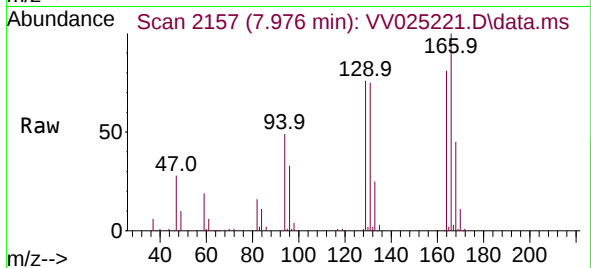
C0AE4

Tgt Ion:129 Resp: 51620

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.589 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025221.D

Acq: 27 Mar 2022 00:14

Tgt Ion: 75 Resp: 7356

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

110 1.8 31.6 47.4#

