

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023806.D
 Acq On : 06 Dec 2021 18:32
 Operator : SY/MD
 Sample : M4979-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

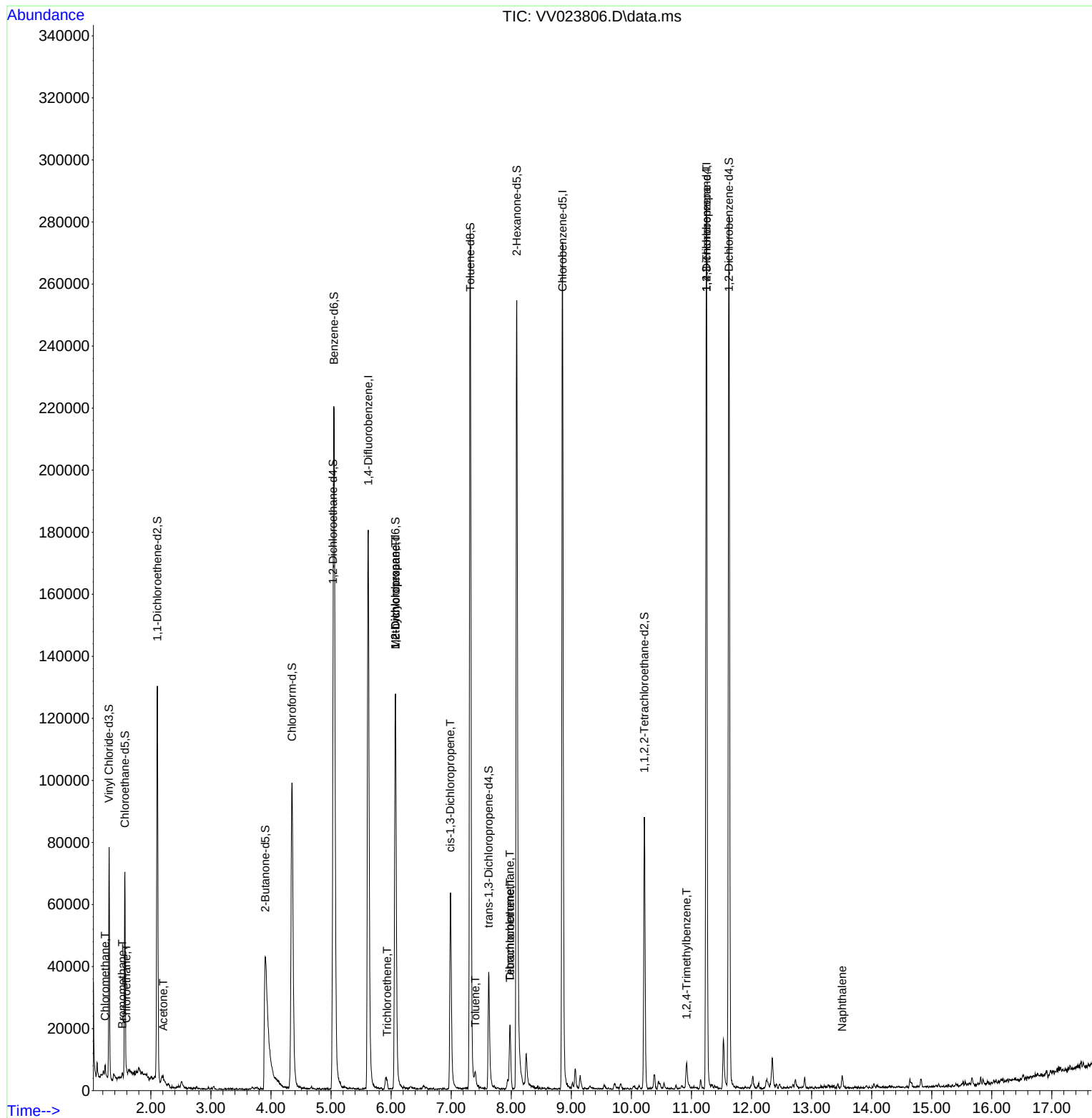
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163085	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45122	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.568	69	38968	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.108	63	65502	2.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.905	46	112491	69.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.780%#
24) Chloroform-d	4.352	84	104045	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.034	65	49932	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.050	84	205537	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.072	67	60742	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	187218	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	23245	4.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.091	63	98587	62.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41875	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	71612	5.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2233	0.166	ug/L	94
6) Bromomethane	1.523	94	808	0.101	ug/L	86
8) Chloroethane	1.593	64	3261	0.364	ug/L #	59
13) Acetone	2.204	43	5614	3.876	ug/L	89
34) Trichloroethene	5.934	95	671	0.057	ug/L #	77
35) Methylcyclohexane	6.072	83	15462	0.843	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6863	0.657	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1814	0.122	ug/L #	74
42) Toluene	7.403	91	4024	0.084	ug/L	91
47) Tetrachloroethene	7.982	164	5276	0.493	ug/L	92
49) Dibromochloromethane	7.979	129	4405	0.445	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7943	1.475	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.918	105	5130	0.137	ug/L	87
71) Naphthalene	13.509	128	3423	0.181	ug/L	97

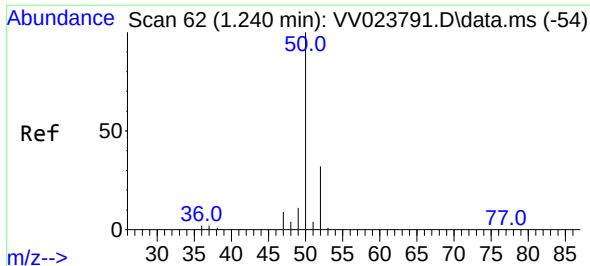
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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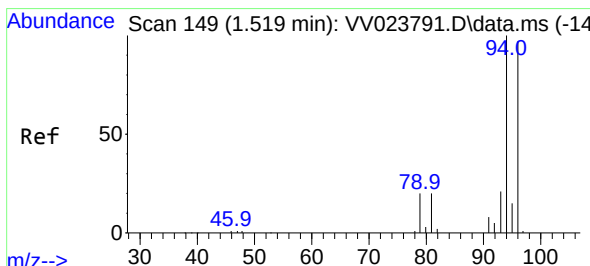
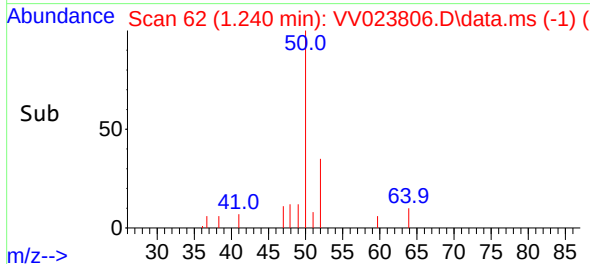
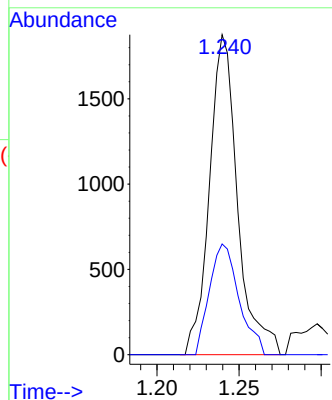
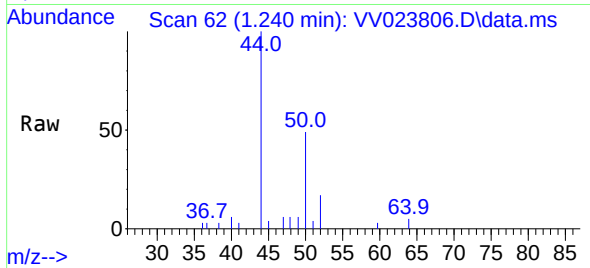




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

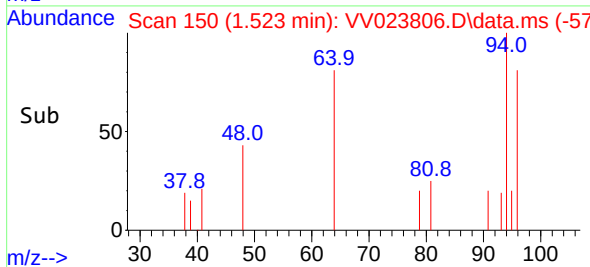
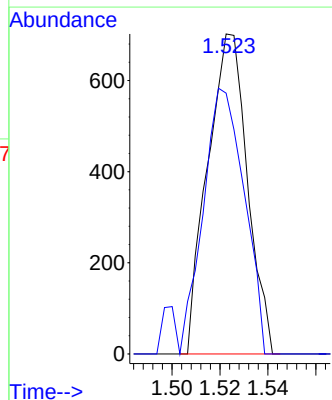
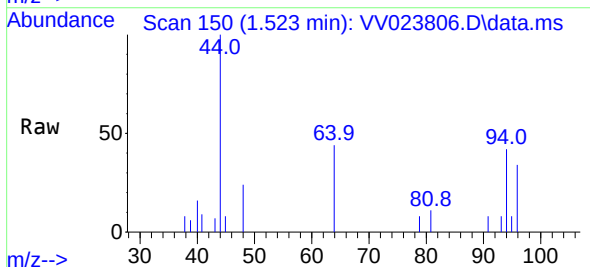
Instrument :
MSVOA_V
ClientSampleId :

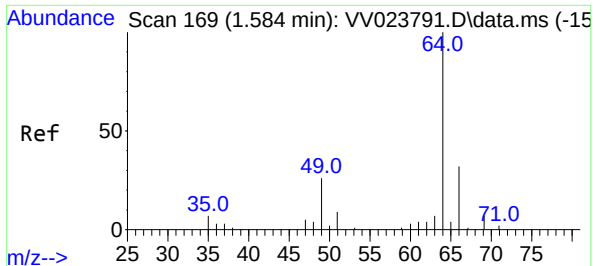
Tgt Ion: 50 Resp: 2233
Ion Ratio Lower Upper
50 100
52 34.6 22.0 41.0



#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 81.5 66.2 123.0

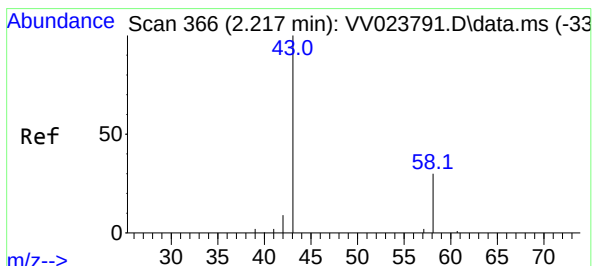
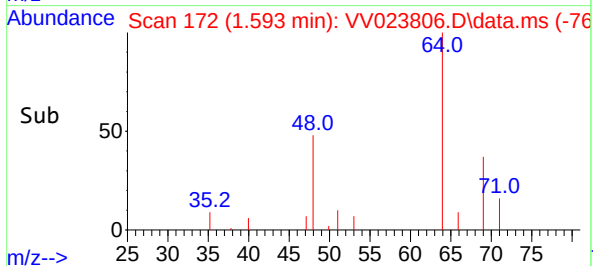
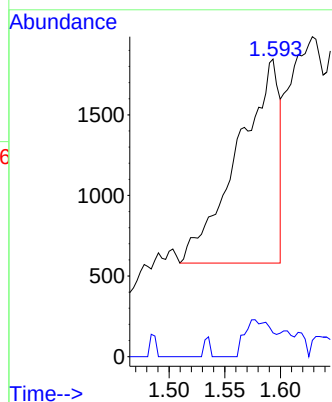
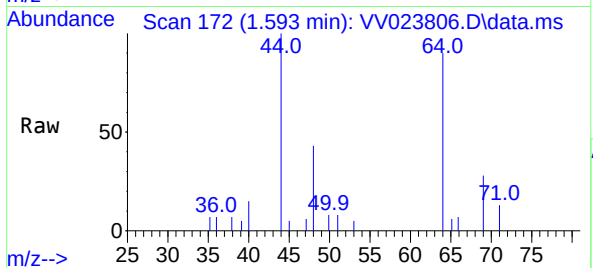




#8
Chloroethane
Concen: 0.364 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

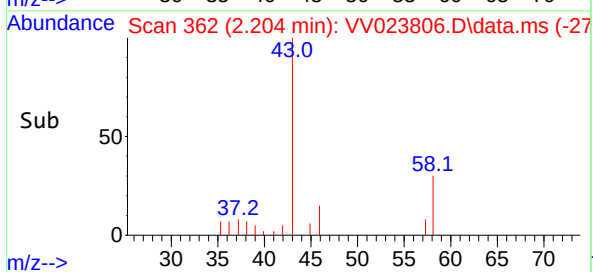
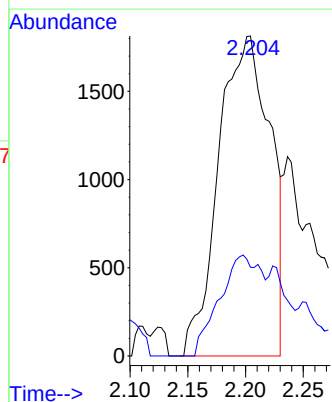
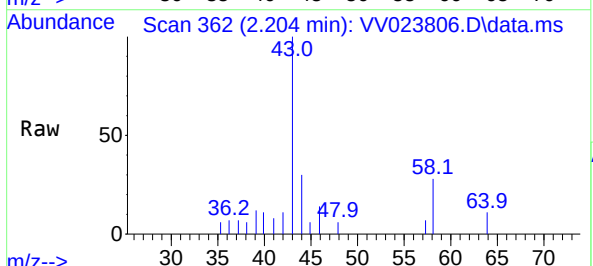
Instrument :
MSVOA_V
ClientSampleId :

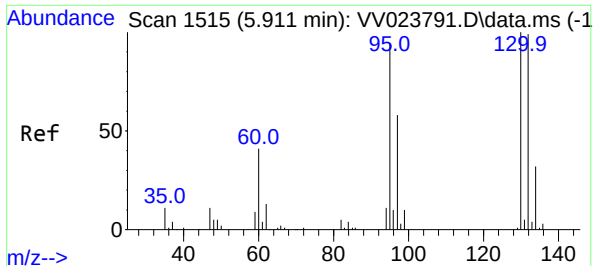
Tgt Ion: 64 Resp: 3261
Ion Ratio Lower Upper
64 100
66 8.0 21.4 39.8#



#13
Acetone
Concen: 3.876 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.019 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

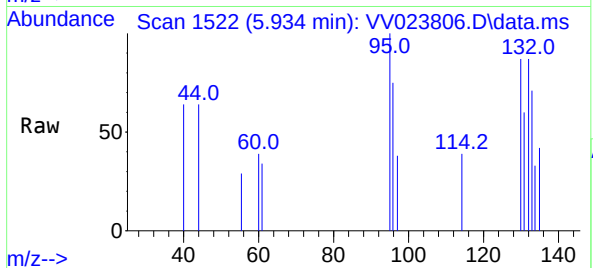
Tgt Ion: 43 Resp: 5614
Ion Ratio Lower Upper
43 100
58 25.6 0.0 41.4



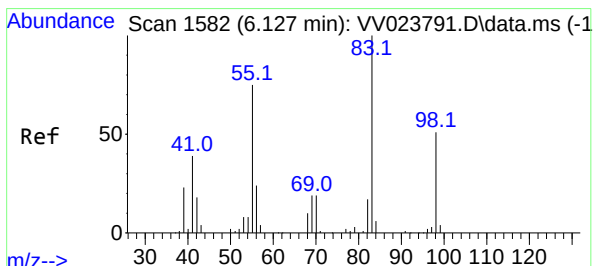
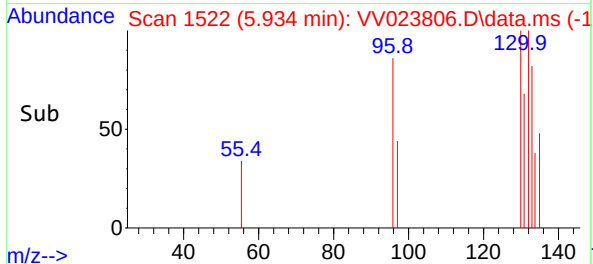
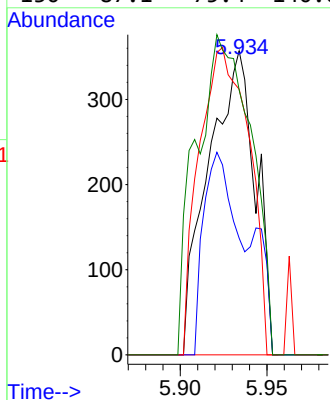


#34
Trichloroethene
Concen: 0.057 ug/L
RT: 5.934 min Scan# 11
Delta R.T. 0.023 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Instrument :
MSVOA_V
ClientSampleId :

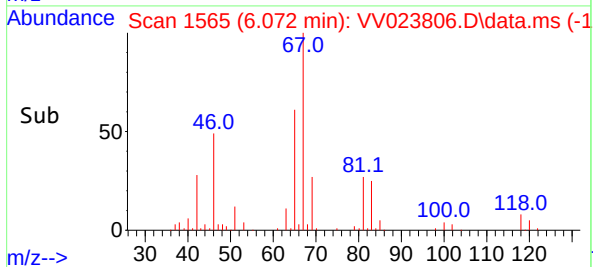
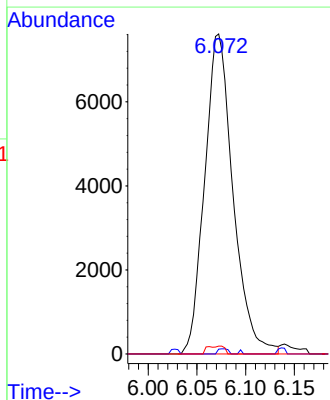
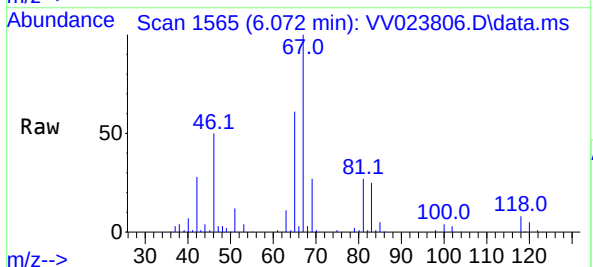


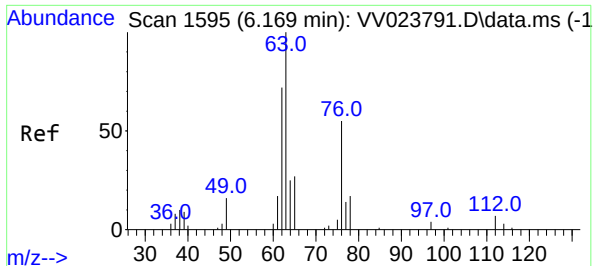
Tgt Ion: 95 Resp: 671
Ion Ratio Lower Upper
95 100
97 38.4 45.2 84.0#
132 87.4 76.1 141.3
130 87.1 75.4 140.0



#35
Methylcyclohexane
Concen: 0.843 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Tgt Ion: 83 Resp: 15462
Ion Ratio Lower Upper
83 100
55 0.6 60.2 90.2#
98 0.7 41.0 61.4#

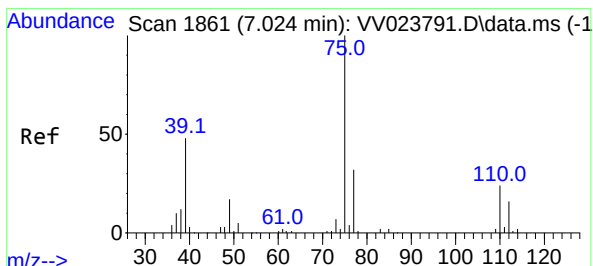
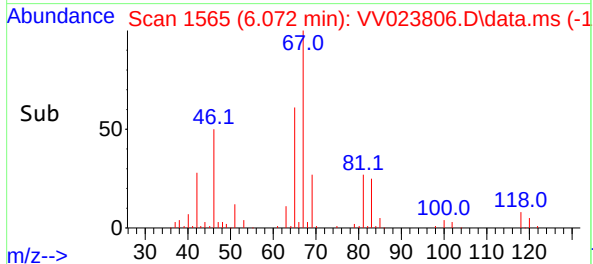
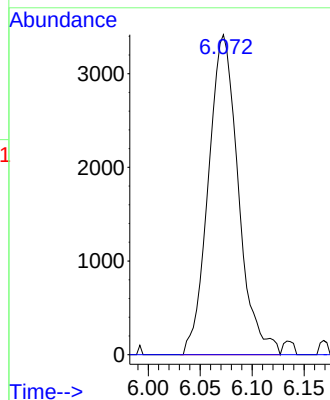
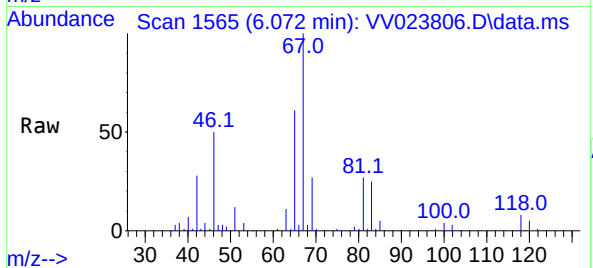




#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.096 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

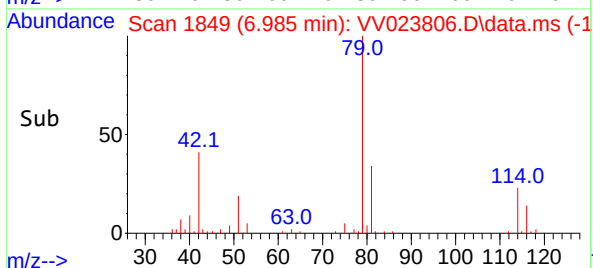
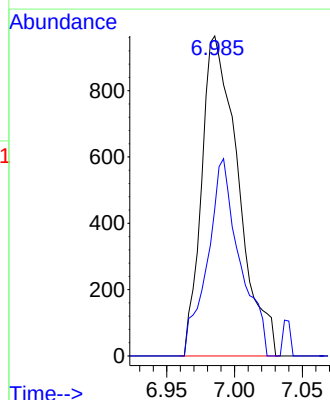
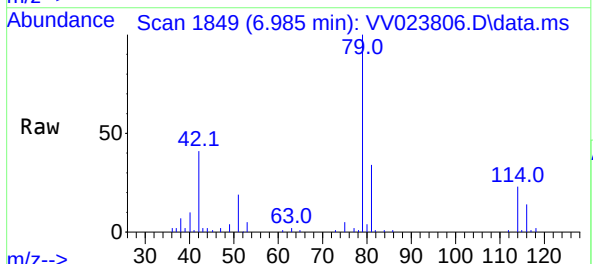
Instrument :
MSVOA_V
ClientSampleId :

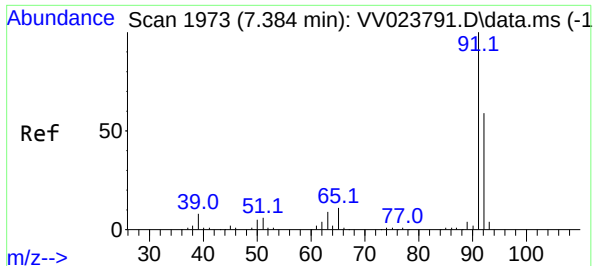
Tgt Ion: 63 Resp: 6863
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Tgt Ion: 75 Resp: 1814
Ion Ratio Lower Upper
75 100
77 46.0 22.0 41.0#

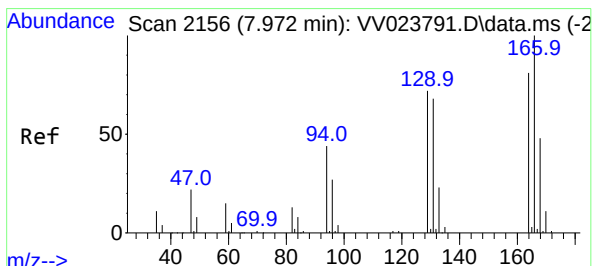
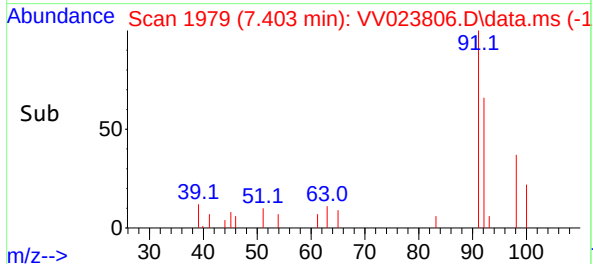
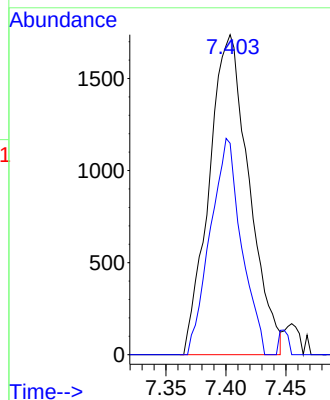
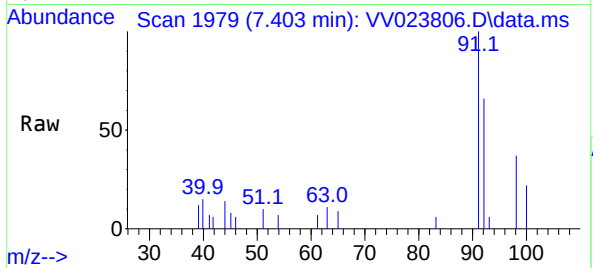




#42
Toluene
Concen: 0.084 ug/L
RT: 7.403 min Scan# 1973
Delta R.T. 0.019 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

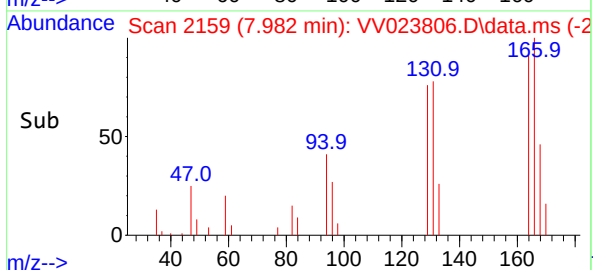
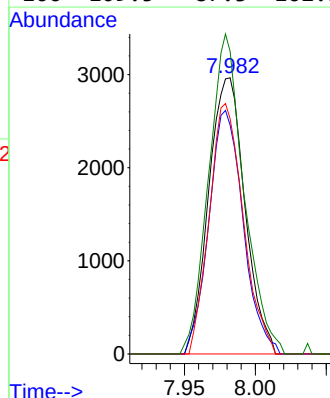
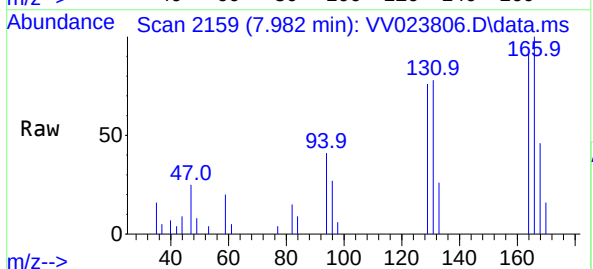
Instrument :
MSVOA_V
ClientSampleId :

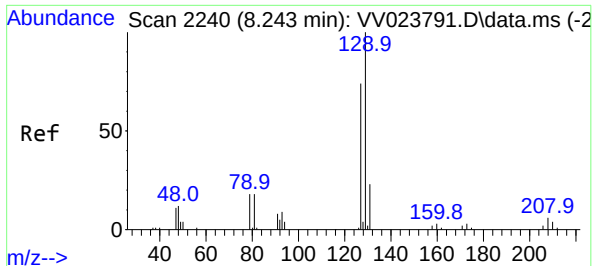
Tgt Ion: 91 Resp: 4024
Ion Ratio Lower Upper
91 100
92 66.1 41.5 77.1



#47
Tetrachloroethene
Concen: 0.493 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Tgt Ion: 164 Resp: 5276
Ion Ratio Lower Upper
164 100
129 82.8 62.6 116.2
131 85.2 61.0 113.4
166 109.5 87.3 162.1





#49

Dibromochloromethane

Concen: 0.445 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023806.D

Acq: 06 Dec 2021 18:32

Instrument :

MSVOA_V

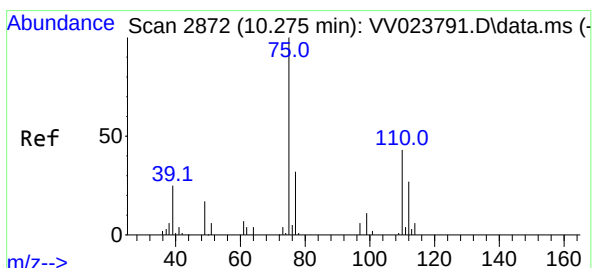
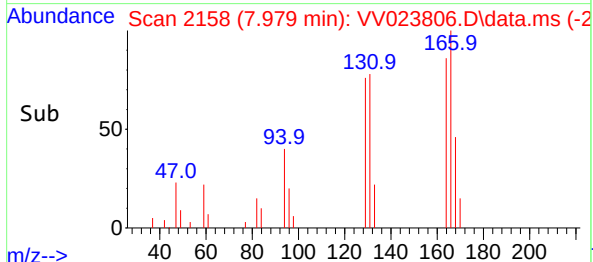
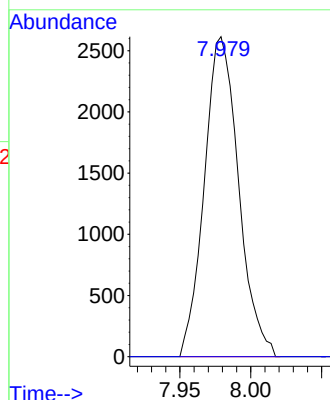
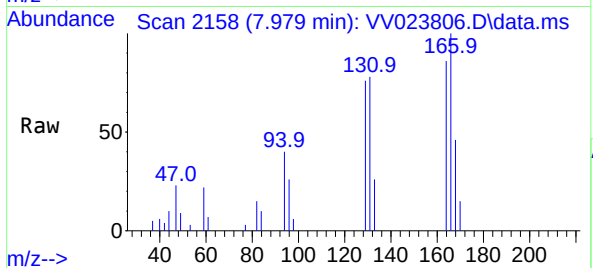
ClientSampleId :

Tgt Ion:129 Resp: 4405

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.475 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023806.D

Acq: 06 Dec 2021 18:32

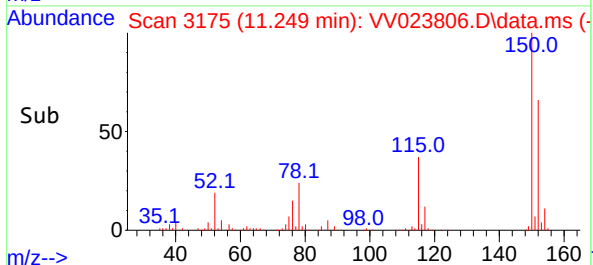
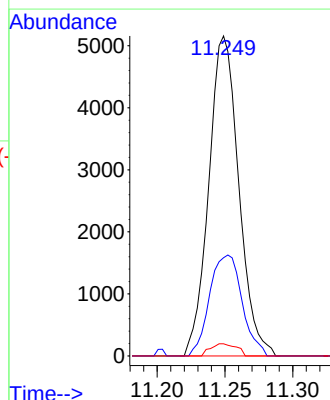
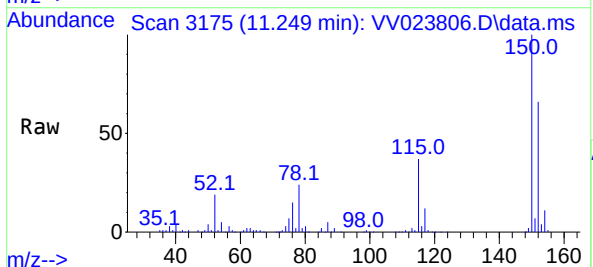
Tgt Ion: 75 Resp: 7943

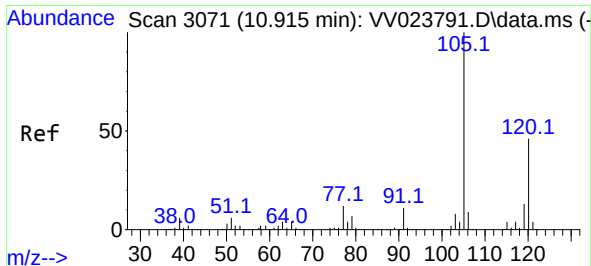
Ion Ratio Lower Upper

75 100

77 34.1 26.4 39.6

110 3.3 34.2 51.2#

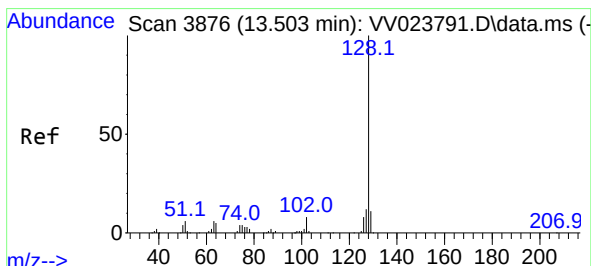
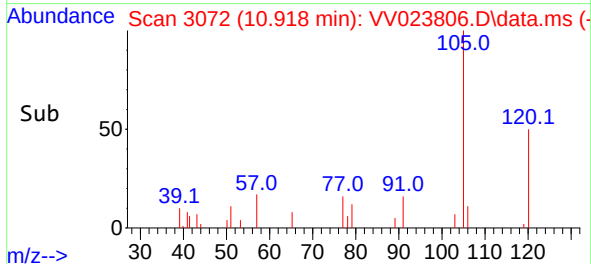
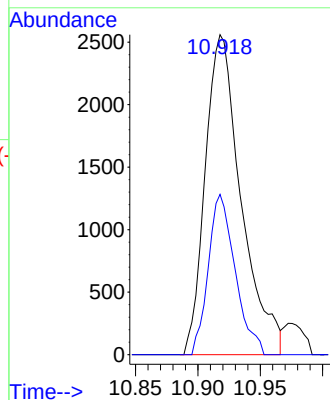
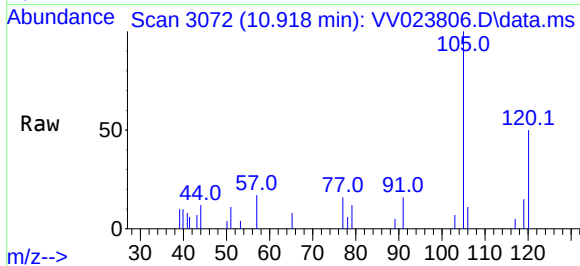




#63
1,2,4-Trimethylbenzene
Concen: 0.137 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.006 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 5130
Ion Ratio Lower Upper
105 100
120 37.5 36.7 55.1



#71
Naphthalene
Concen: 0.181 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023806.D
Acq: 06 Dec 2021 18:32

Tgt Ion:128 Resp: 3423
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.4
127 11.2 10.2 15.4

