

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027502.D
 Acq On : 25 Aug 2022 18:14
 Operator : SY/MD
 Sample : N4370-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

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

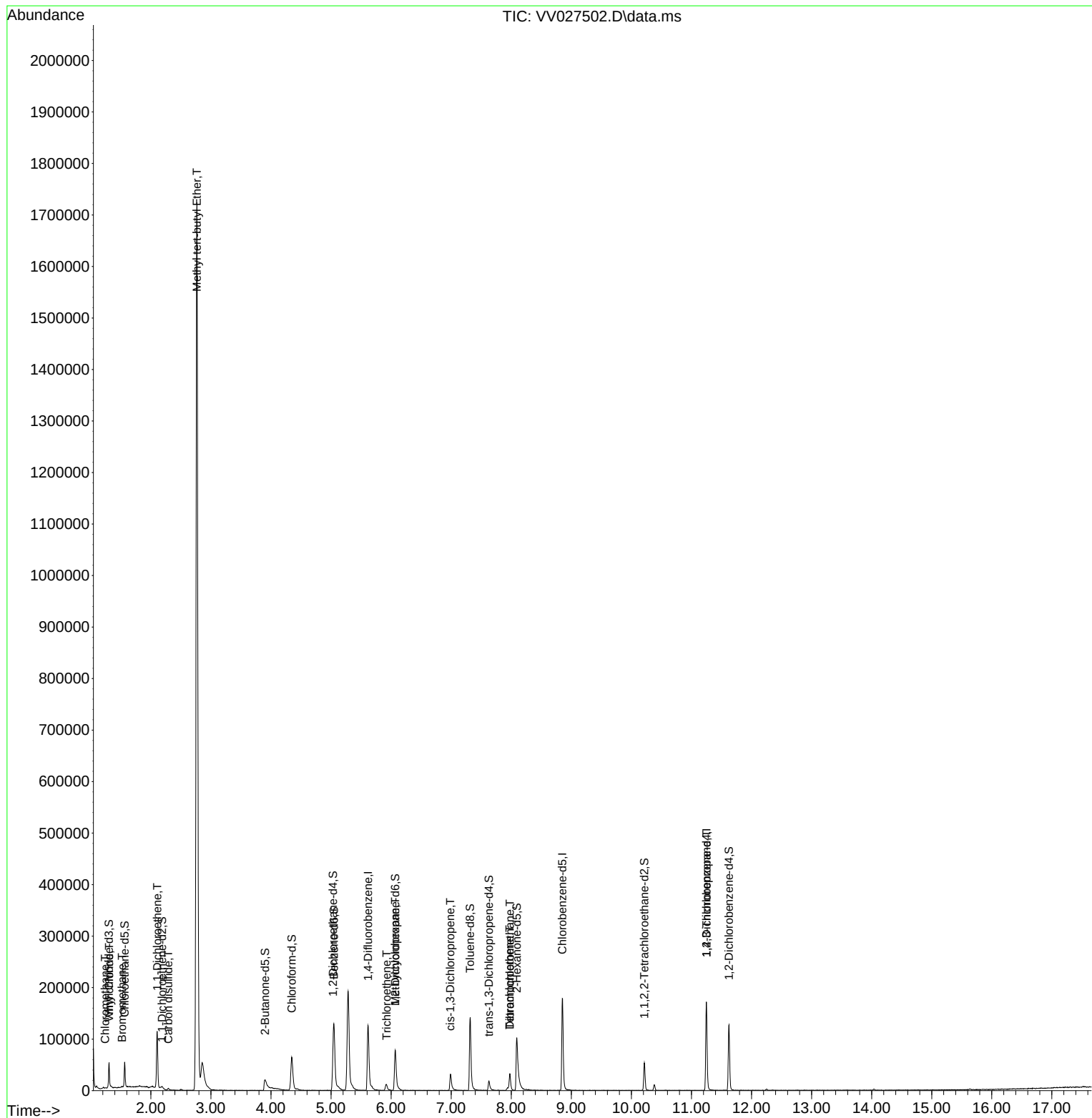
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115898	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34357	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.564	69	29703	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.185	63	3828	0.199	ug/L	0.08
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.000%#
20) 2-Butanone-d5	3.902	46	36187	35.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.500%
24) Chloroform-d	4.346	84	67316	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	31341	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.047	84	116664	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.069	67	39633	4.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	97478	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.628	79	11805	4.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.091	63	40925	43.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25789	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	32655	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	552	0.051	ug/L	89
5) Vinyl chloride	1.307	62	450	0.042	ug/L #	1
6) Bromomethane	1.519	94	398	0.074	ug/L	86
12) 1,1-Dichloroethene	2.108	96	742	0.085	ug/L #	1
14) Carbon disulfide	2.291	76	4415	0.183	ug/L #	92
17) Methyl tert-butyl Ether	2.767	73	1686231	92.941	ug/L	99
34) Trichloroethene	5.924	95	3904	0.435	ug/L	99
35) Methylcyclohexane	6.069	83	9587	0.759	ug/L #	17
39) cis-1,3-Dichloropropene	6.985	75	947	0.086	ug/L #	63
47) Tetrachloroethene	7.976	164	6993	1.000	ug/L	93
49) Dibromochloromethane	7.979	129	6865	0.960	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	5148	1.295	ug/L #	67

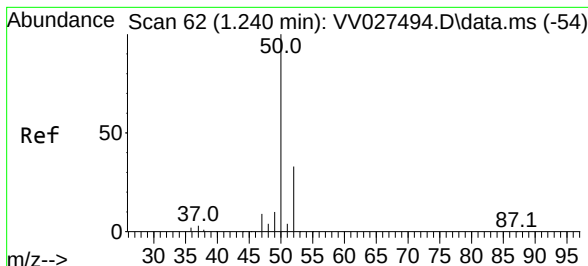
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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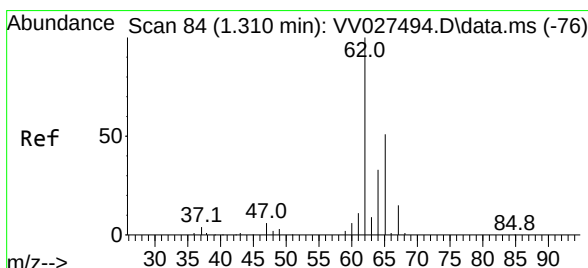
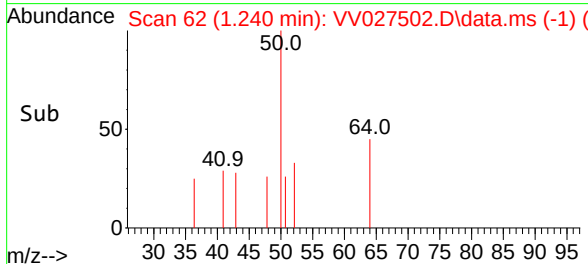
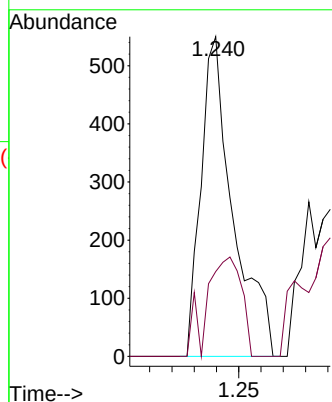
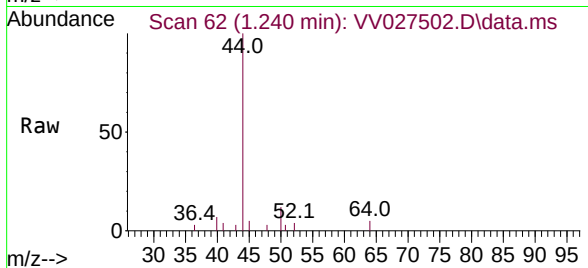




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

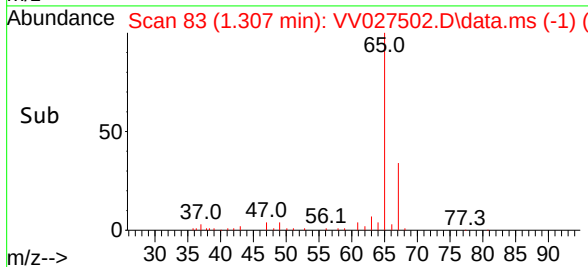
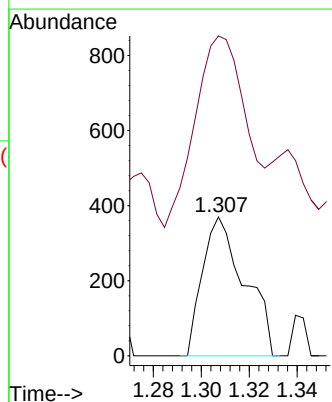
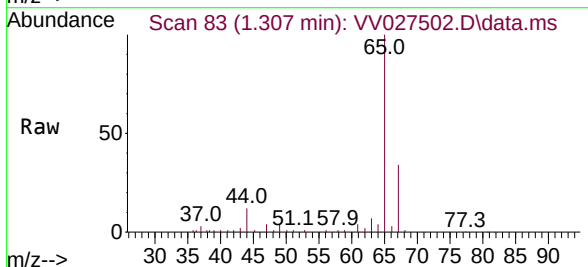
Instrument :
MSVOA_V
ClientSampleId :

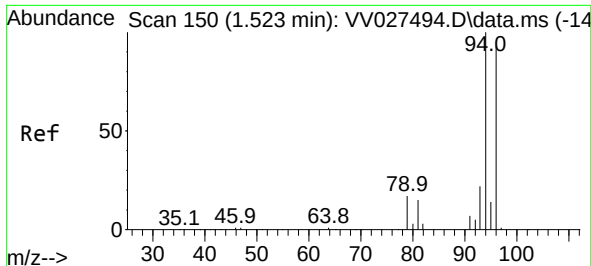
Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 26.5 22.8 42.4



#5
Vinyl chloride
Concen: 0.042 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

Tgt Ion: 62 Resp: 450
Ion Ratio Lower Upper
62 100
64 230.3 22.6 42.0#

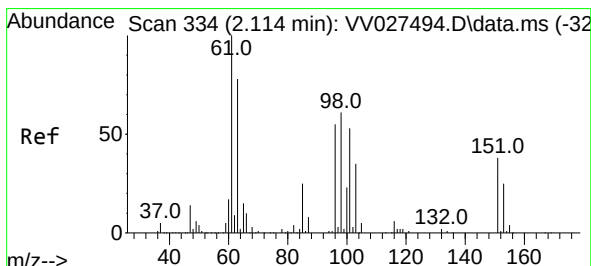
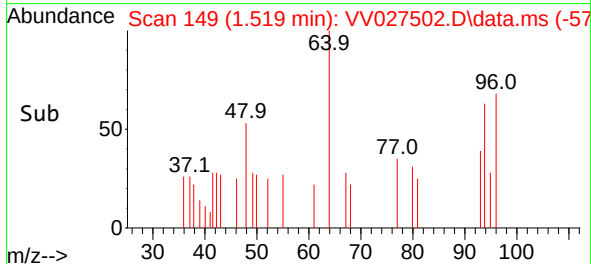
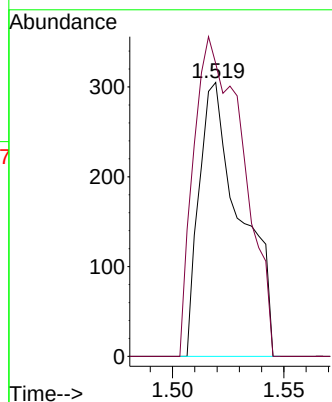
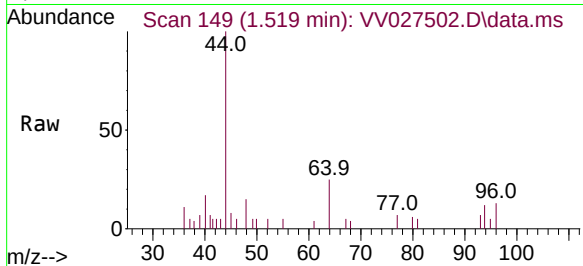




#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

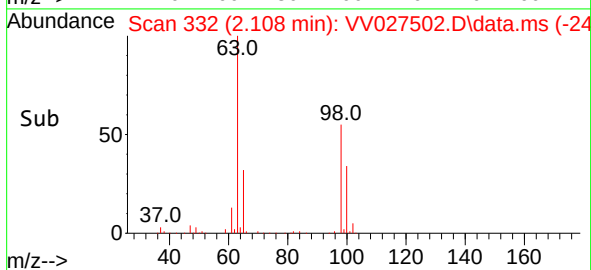
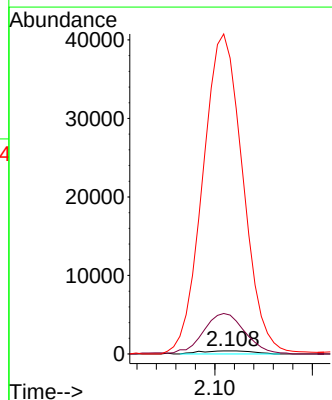
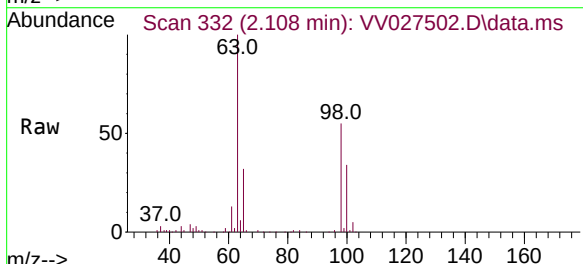
Instrument :
MSVOA_V
ClientSampleId :

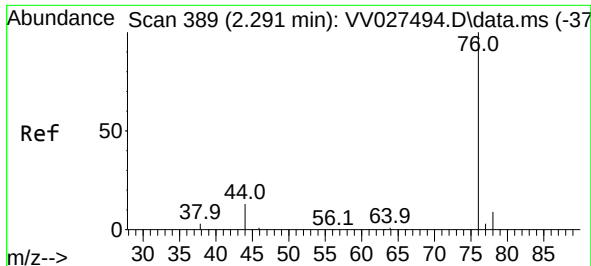
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 106.9 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

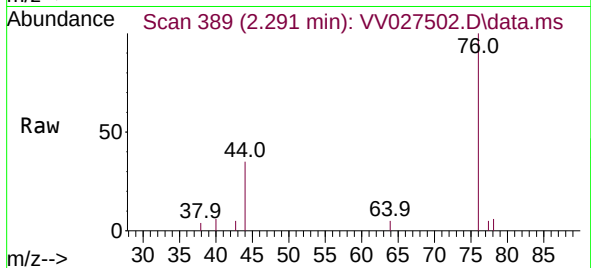
Tgt Ion: 96 Resp: 742
Ion Ratio Lower Upper
96 100
61 1263.5 130.2 241.8#
63 9612.2 87.4 162.4#



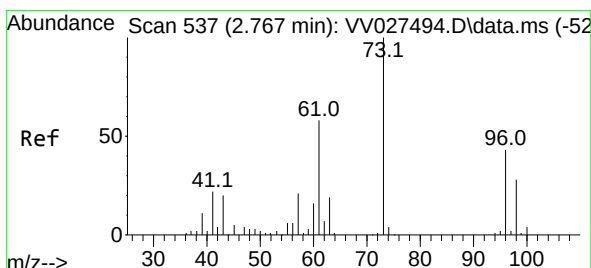
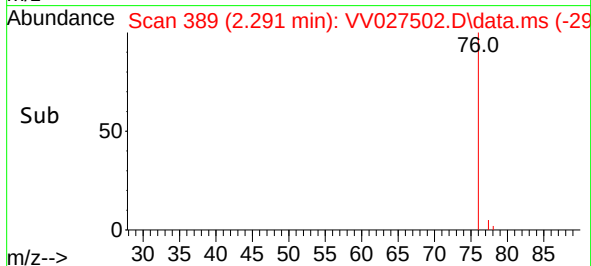
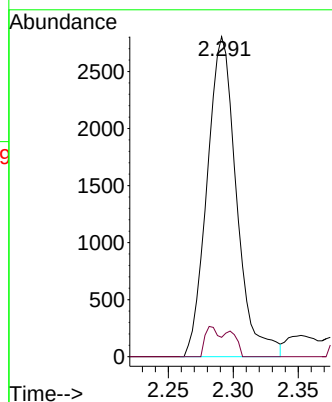


#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

Instrument :
MSVOA_V
ClientSampleId :

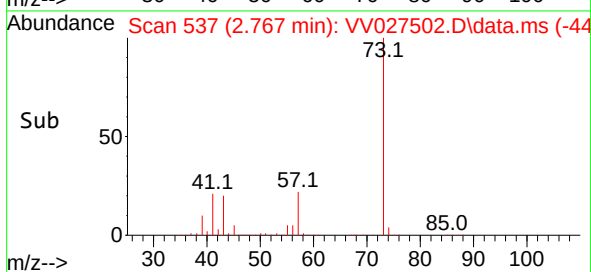
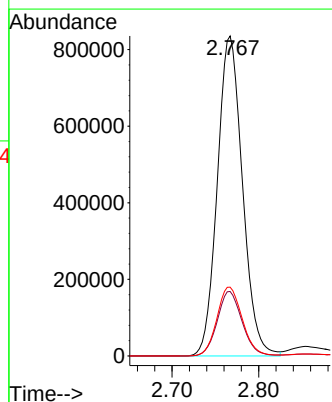
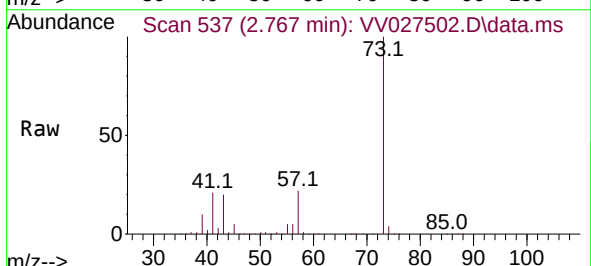


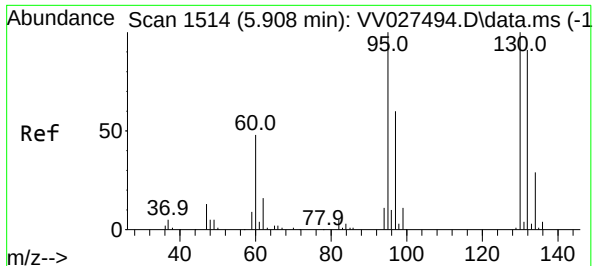
Tgt Ion: 76 Resp: 4415
Ion Ratio Lower Upper
76 100
78 6.1 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 92.941 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

Tgt Ion: 73 Resp: 1686231
Ion Ratio Lower Upper
73 100
43 20.0 15.6 23.4
57 21.7 17.0 25.6



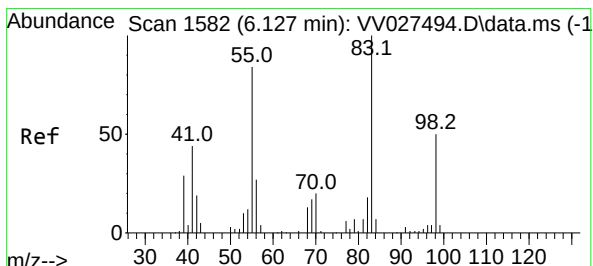
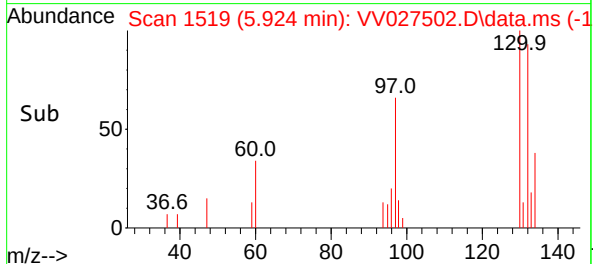
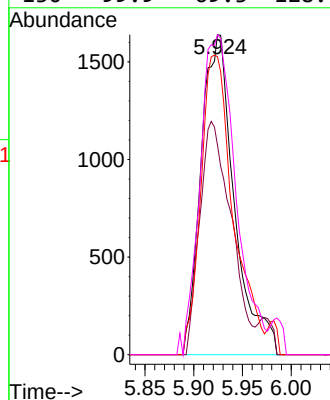
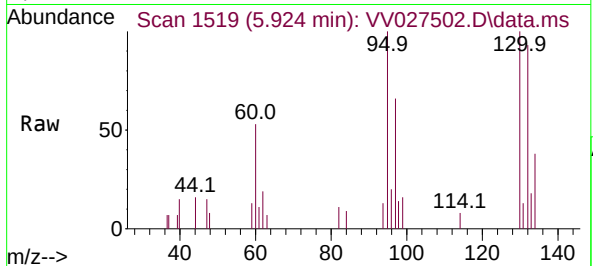


#34
Trichloroethene
Concen: 0.435 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3904

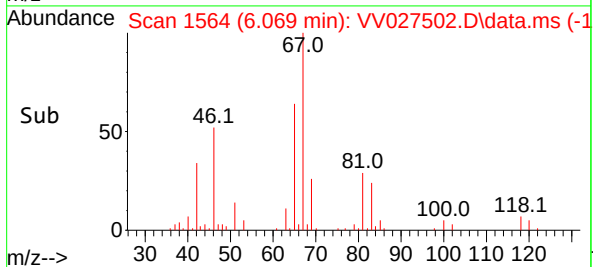
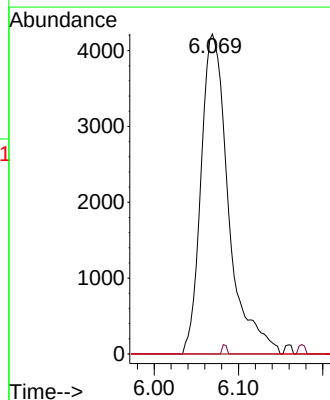
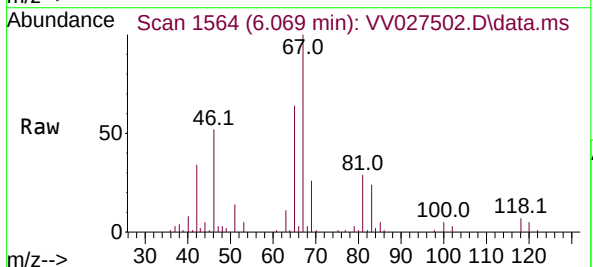
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.0	83.6
132	93.2	65.7	121.9
130	99.9	69.3	128.7

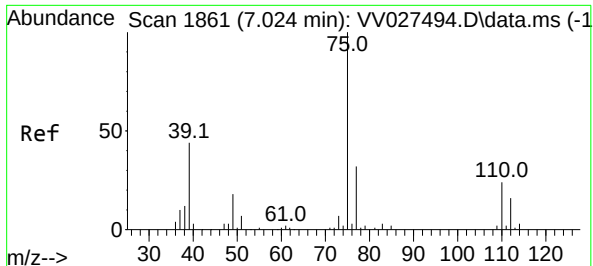


#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027502.D
Acq: 25 Aug 2022 18:14

Tgt Ion: 83 Resp: 9587

Ion	Ratio	Lower	Upper
83	100		
55	0.5	68.2	102.4#
98	3.0	39.0	58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027502.D

Acq: 25 Aug 2022 18:14

Instrument :

MSVOA_V

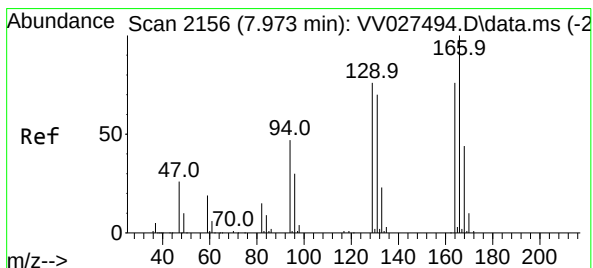
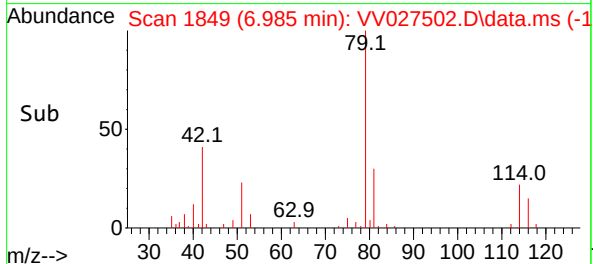
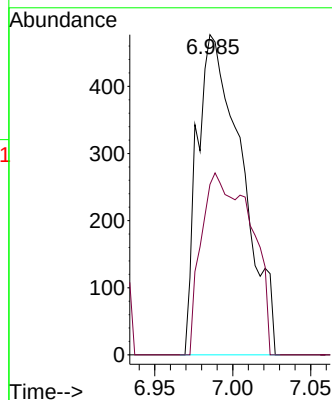
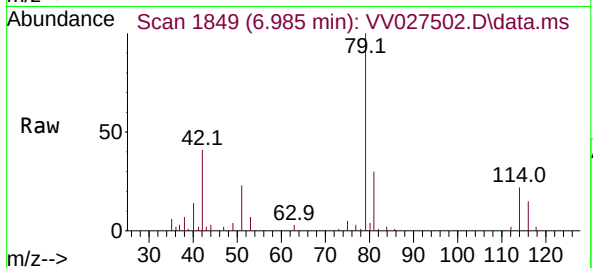
ClientSampleId :

Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

77 53.2 22.9 42.5#



#47

Tetrachloroethene

Concen: 1.000 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027502.D

Acq: 25 Aug 2022 18:14

Tgt Ion: 164 Resp: 6993

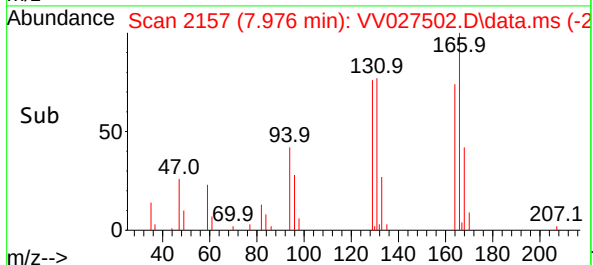
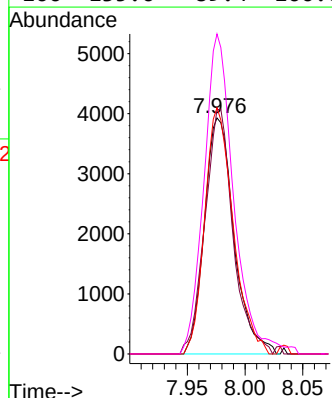
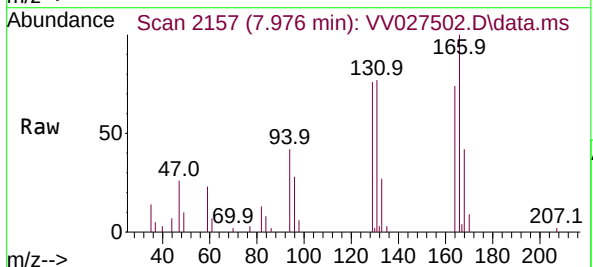
Ion Ratio Lower Upper

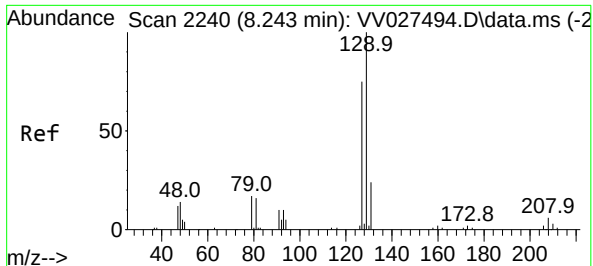
164 100

129 103.5 71.1 132.1

131 104.4 64.5 119.9

166 135.6 89.4 166.0





#49

Dibromochloromethane

Concen: 0.960 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027502.D

Acq: 25 Aug 2022 18:14

Instrument :

MSVOA_V

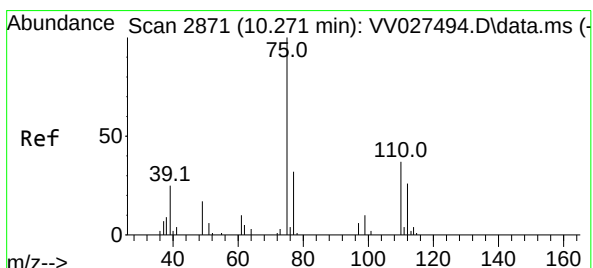
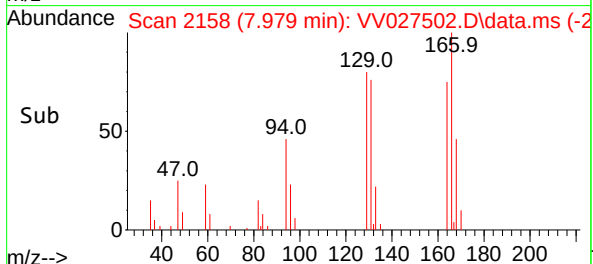
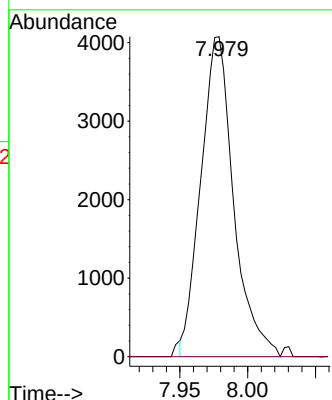
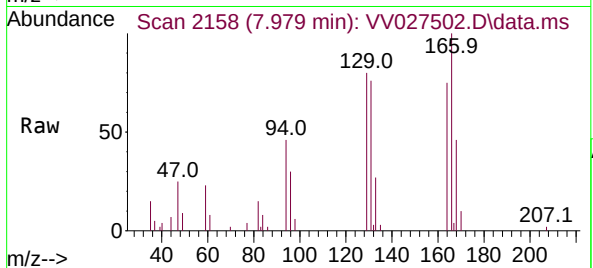
ClientSampleId :

Tgt Ion:129 Resp: 6865

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.295 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027502.D

Acq: 25 Aug 2022 18:14

Tgt Ion: 75 Resp: 5148

Ion Ratio Lower Upper

75 100

77 35.8 26.2 39.2

110 3.1 29.9 44.9#

