

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027503.D
 Acq On : 25 Aug 2022 18:38
 Operator : SY/MD
 Sample : N4370-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:01:37 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)

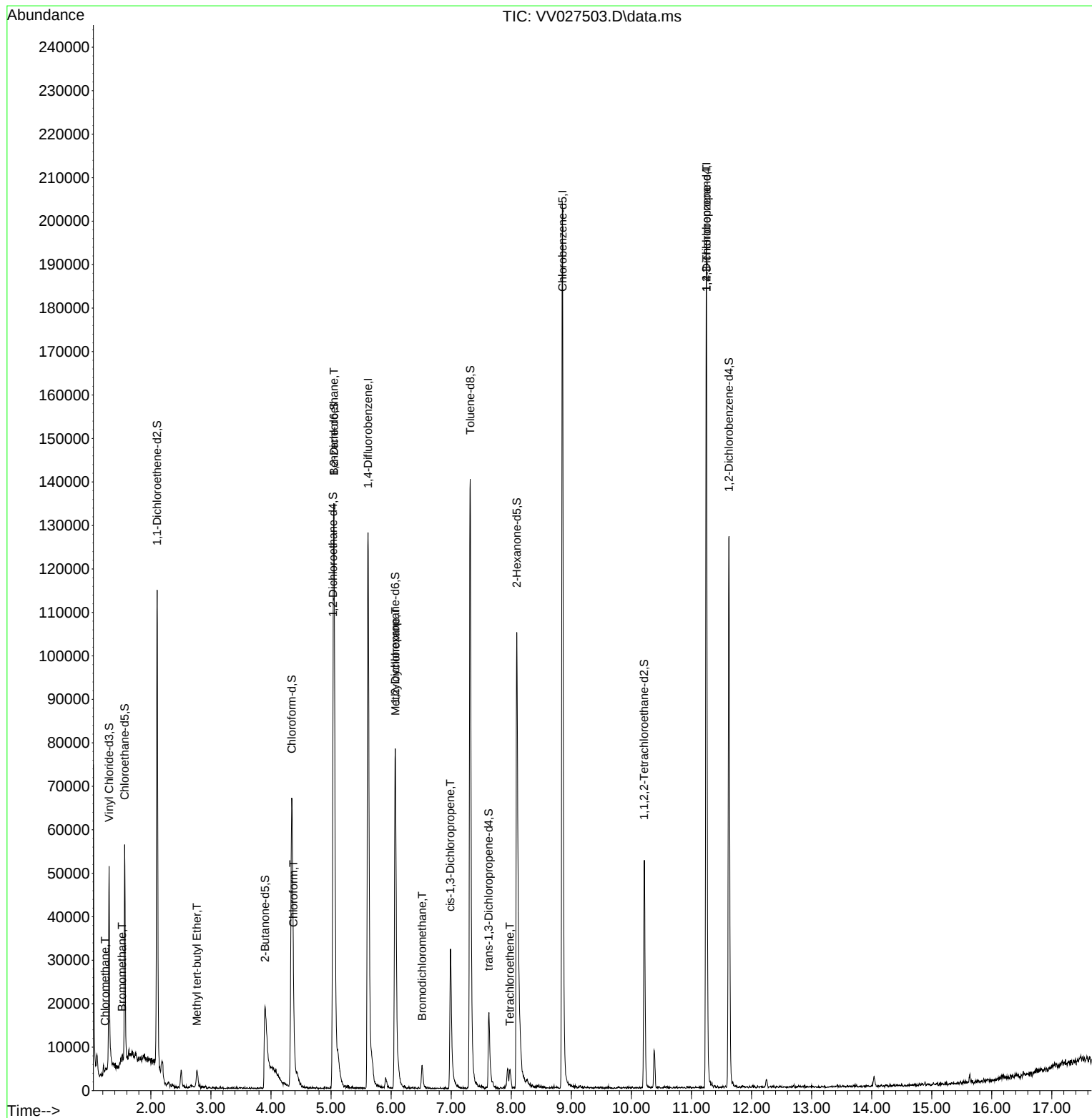
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32268	3.889	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.564	69	31113	5.123	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.105	63	58201	3.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.902	46	37911	36.710	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.420%	
24) Chloroform-d	4.346	84	68242	4.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.034	65	30276	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.050	84	126446	3.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.069	67	39123	4.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.317	98	99032	3.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	11797	3.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.092	63	41749	39.661	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.320%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24548	4.127	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	34052	4.556	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	524	0.049	ug/L	85
6) Bromomethane	1.519	94	473	0.088	ug/L	83
17) Methyl tert-butyl Ether	2.767	73	3291	0.180	ug/L #	90
25) Chloroform	4.375	83	8335	0.407	ug/L	95
27) 1,2-Dichloroethane	5.050	62	741	0.071	ug/L #	74
35) Methylcyclohexane	6.072	83	9853	0.690	ug/L #	15
38) Bromodichloromethane	6.516	83	4018	0.308	ug/L #	98
39) cis-1,3-Dichloropropene	6.985	75	1066	0.086	ug/L #	80
47) Tetrachloroethene	7.979	164	939	0.119	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	5698	1.288	ug/L #	69

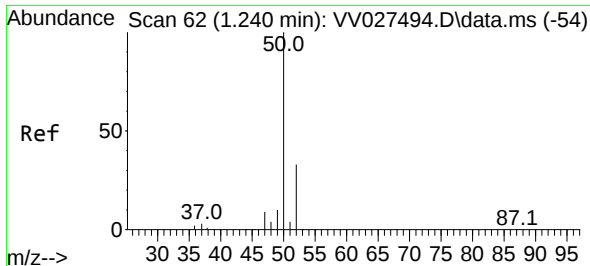
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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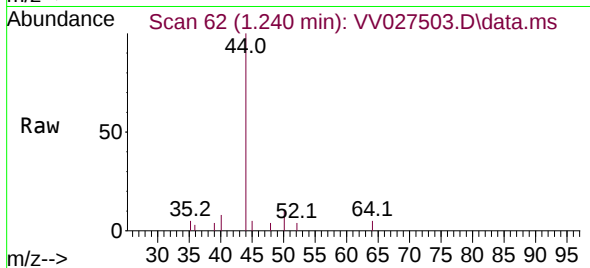
Quant Time: Aug 26 01:01:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
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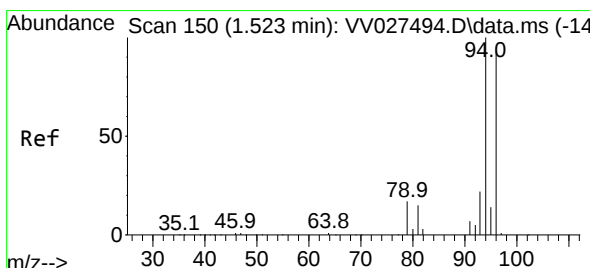
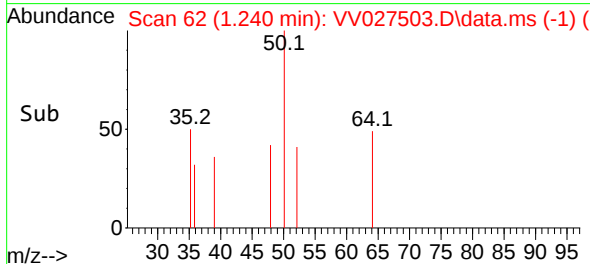
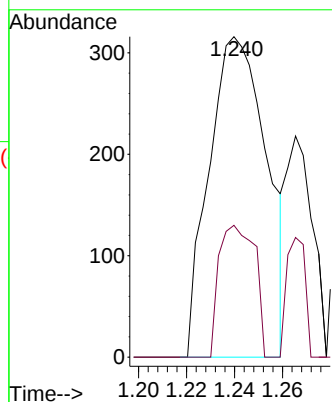


#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

Instrument :
MSVOA_V
ClientSampleId :

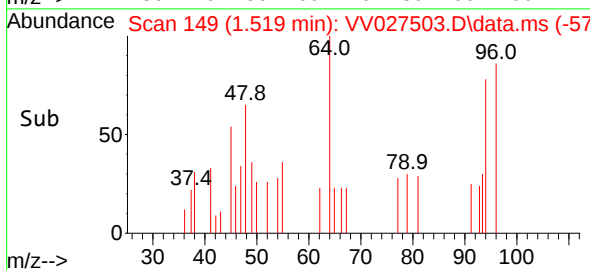
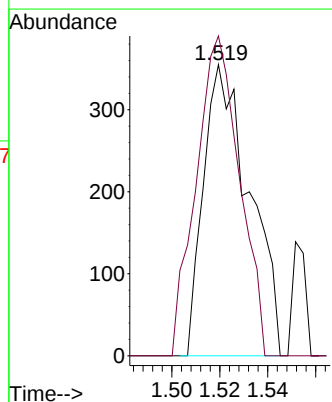
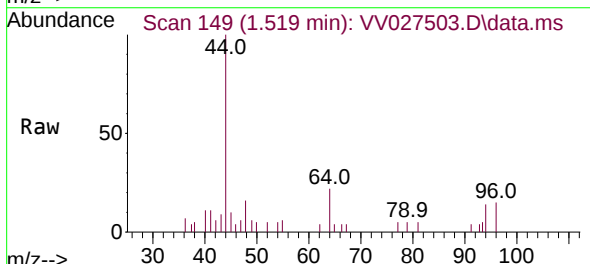


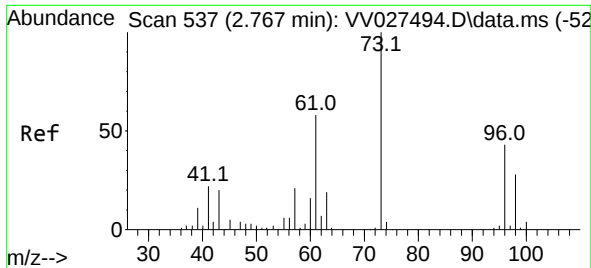
Tgt Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 41.1 22.8 42.4



#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 109.9 65.2 121.0

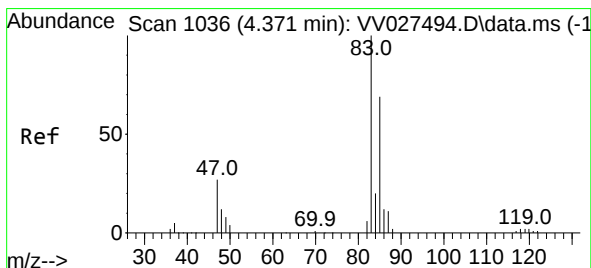
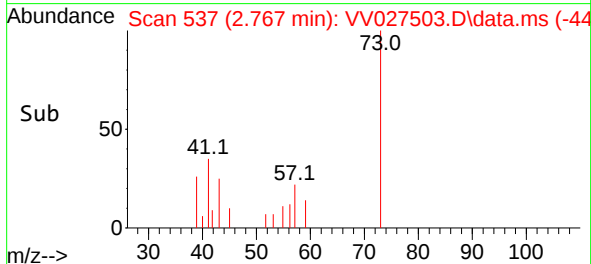
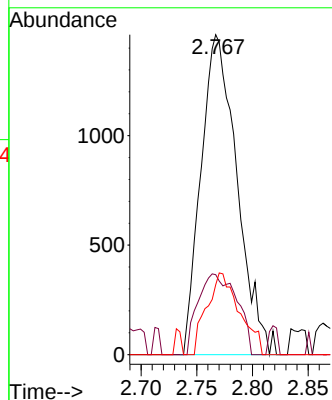
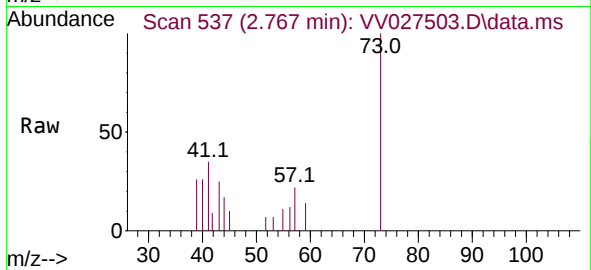




#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

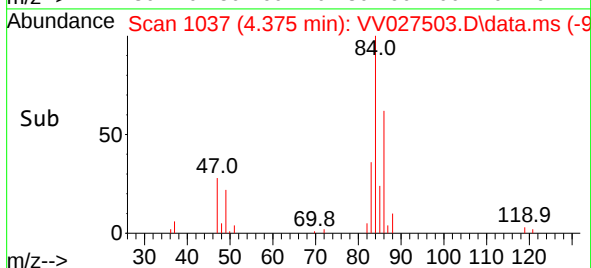
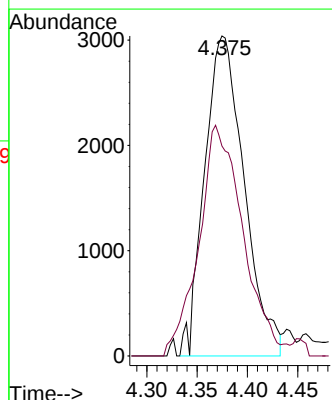
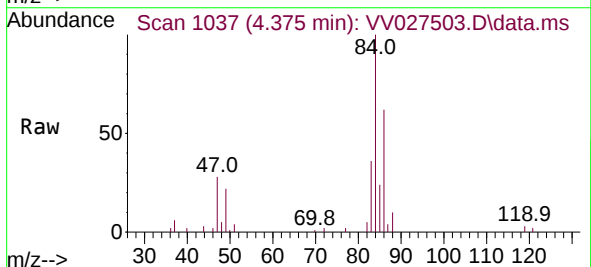
Instrument :
MSVOA_V
ClientSampleId :

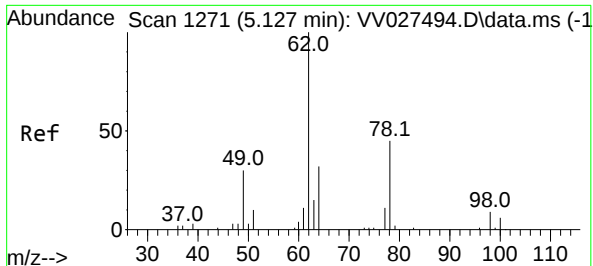
Tgt Ion: 73 Resp: 3291
Ion Ratio Lower Upper
73 100
43 27.2 15.6 23.4#
57 23.1 17.0 25.6



#25
Chloroform
Concen: 0.407 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

Tgt Ion: 83 Resp: 8335
Ion Ratio Lower Upper
83 100
85 65.6 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.071 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV027503.D

Acq: 25 Aug 2022 18:38

Instrument :

MSVOA_V

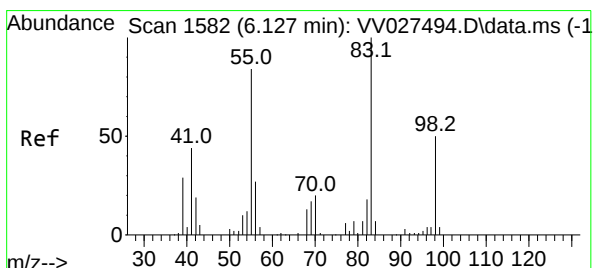
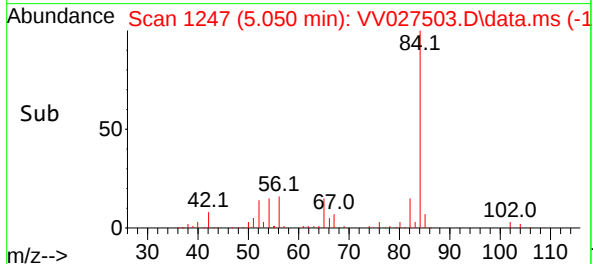
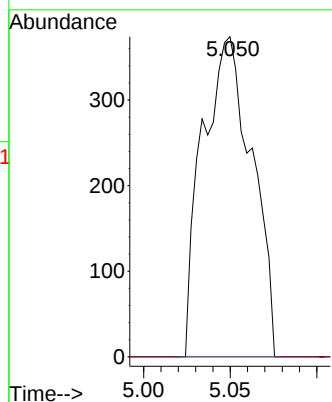
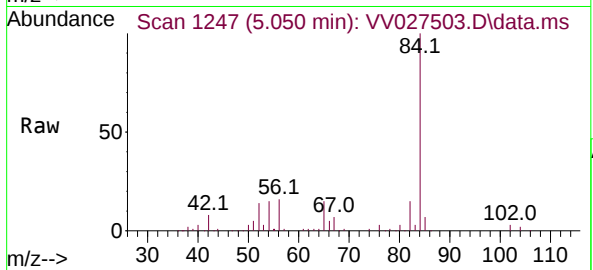
ClientSampleId :

Tgt Ion: 62 Resp: 741

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV027503.D

Acq: 25 Aug 2022 18:38

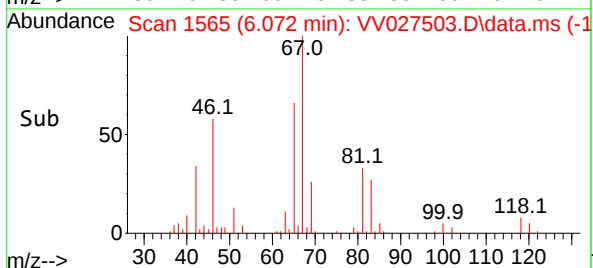
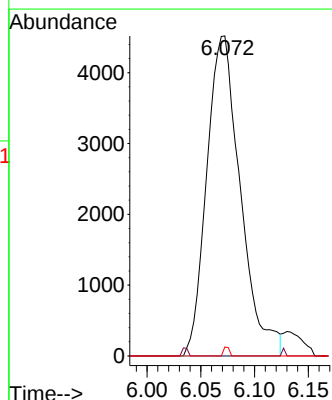
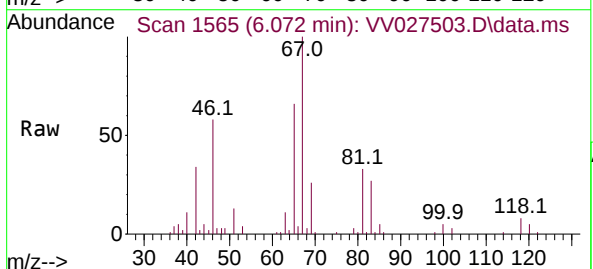
Tgt Ion: 83 Resp: 9853

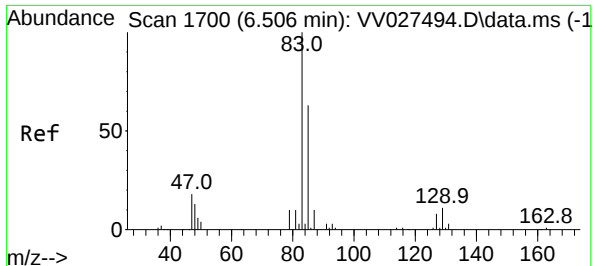
Ion Ratio Lower Upper

83 100

55 0.4 68.2 102.4#

98 0.5 39.0 58.4#

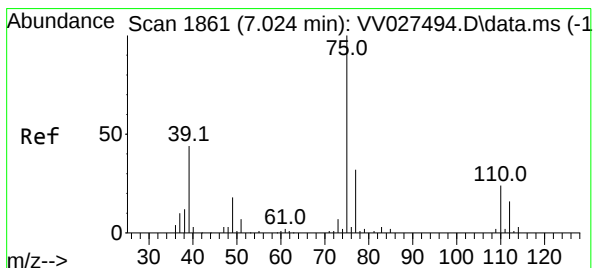
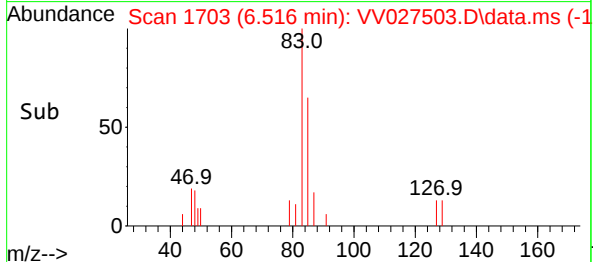
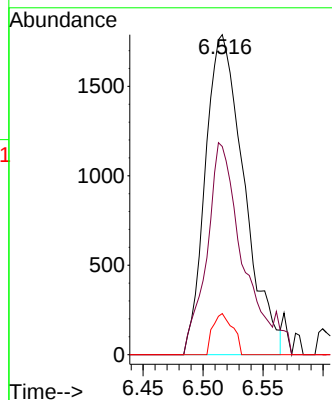
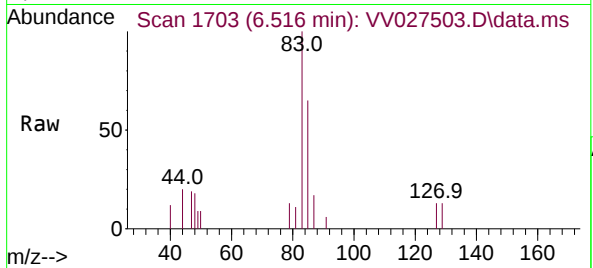




#38
Bromodichloromethane
Concen: 0.308 ug/L
RT: 6.516 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

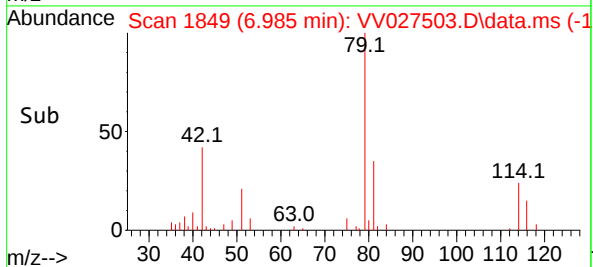
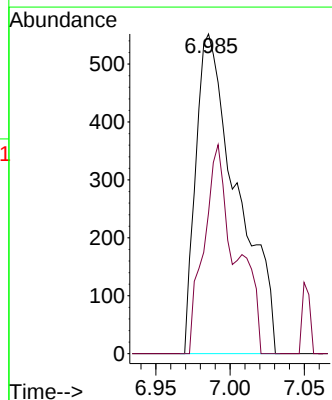
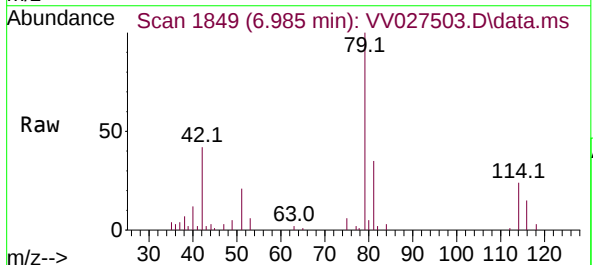
Instrument :
MSVOA_V
ClientSampleId :

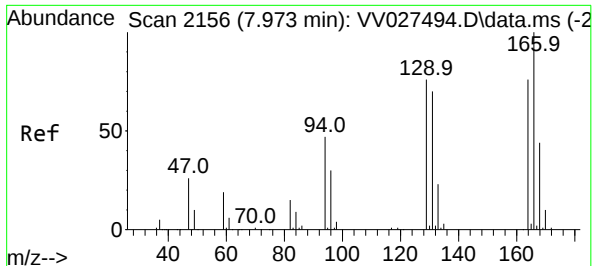
Tgt Ion: 83 Resp: 4018
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
127 12.9 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV027503.D
Acq: 25 Aug 2022 18:38

Tgt Ion: 75 Resp: 1066
Ion Ratio Lower Upper
75 100
77 44.0 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.119 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

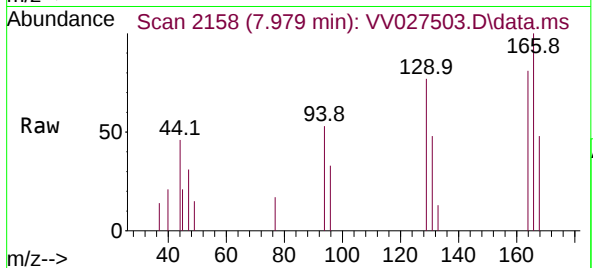
Lab File: VV027503.D

Acq: 25 Aug 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 939

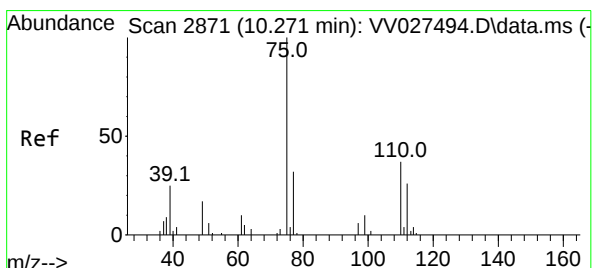
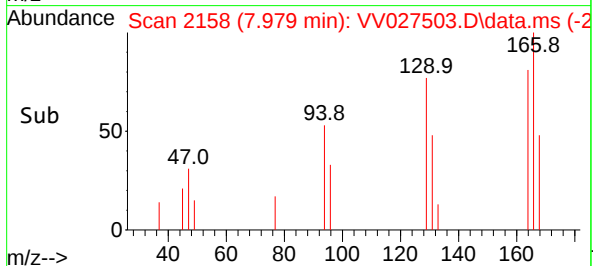
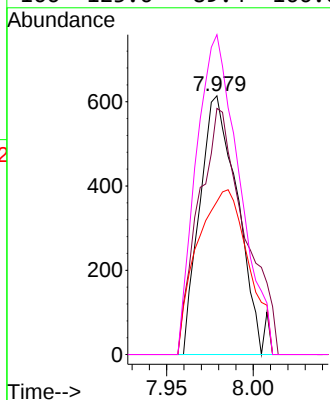
Ion Ratio Lower Upper

164 100

129 95.1 71.1 132.1

131 59.1 64.5 119.9#

166 123.6 89.4 166.0



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027503.D

Acq: 25 Aug 2022 18:38

Tgt Ion: 75 Resp: 5698

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 2.7 29.9 44.9#

