

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028619.D
 Acq On : 18 Oct 2022 17:34
 Operator : SY/MD
 Sample : N5103-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

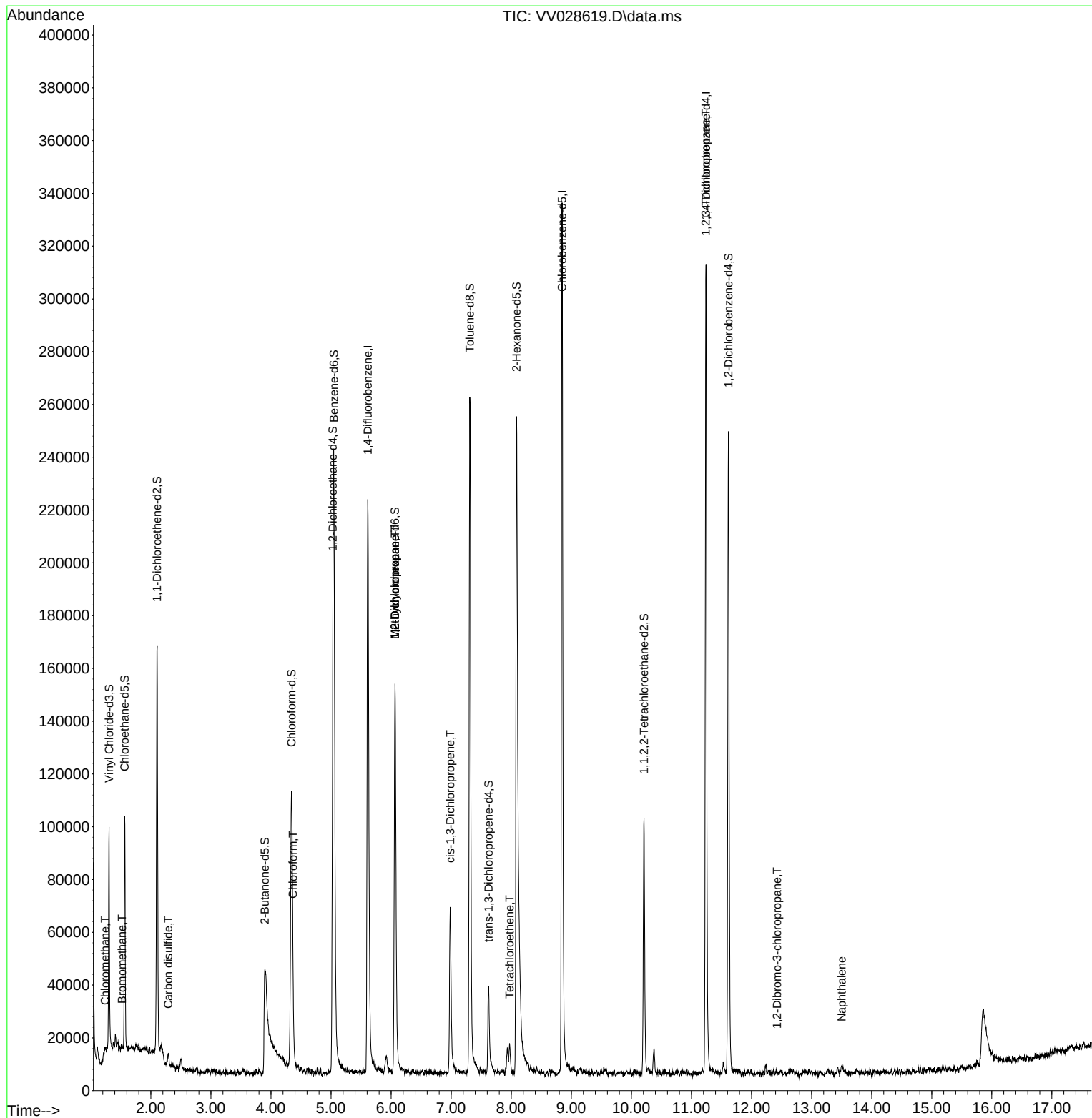
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	183775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	74657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54932	3.473	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.565	69	56761	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.105	63	86279	3.012	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.899	46	108456	31.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.800%	
24) Chloroform-d	4.343	84	107910	4.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.031	65	54011	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.047	84	210840	3.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.066	67	73635	4.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.310	98	171796	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.622	79	20931	3.526	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.600%	
46) 2-Hexanone-d5	8.088	63	112763	44.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.020%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	48407	4.626	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	57293	4.651	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1068	0.061	ug/L #	76
6) Bromomethane	1.520	94	1060	0.139	ug/L	99
14) Carbon disulfide	2.291	76	4543	0.142	ug/L	97
25) Chloroform	4.365	83	2209	0.087	ug/L	95
35) Methylcyclohexane	6.066	83	16828	0.710	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	7652	0.505	ug/L #	88
39) cis-1,3-Dichloropropene	6.986	75	1823	0.090	ug/L	84
47) Tetrachloroethene	7.973	164	2201	0.238	ug/L	93
61) 1,2,3-Trichloropropane	11.239	75	12076	1.810	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.426	75	187	0.135	ug/L #	10
71) Naphthalene	13.503	128	1750	0.091	ug/L #	92

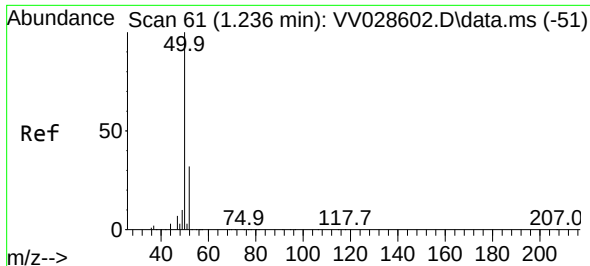
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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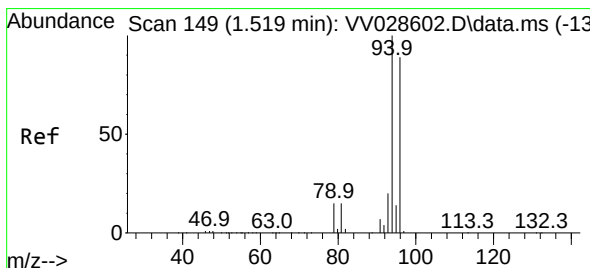
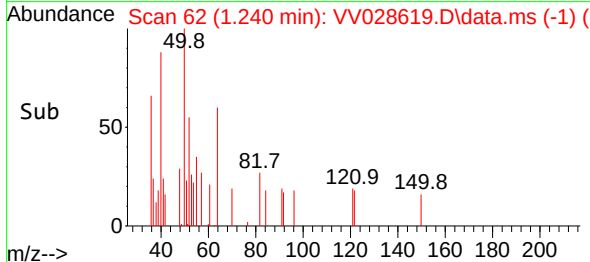
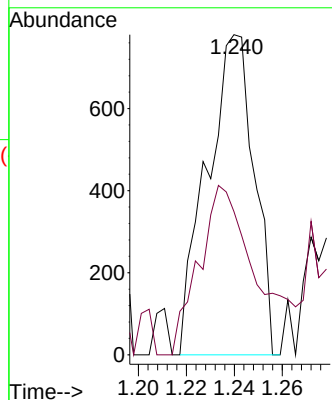
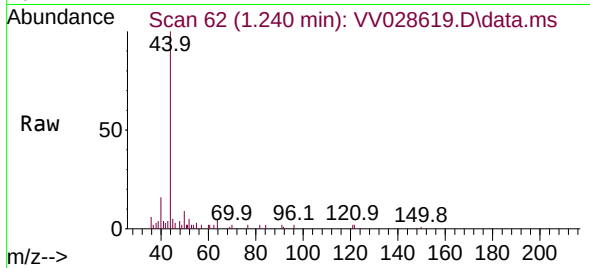




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028619.D
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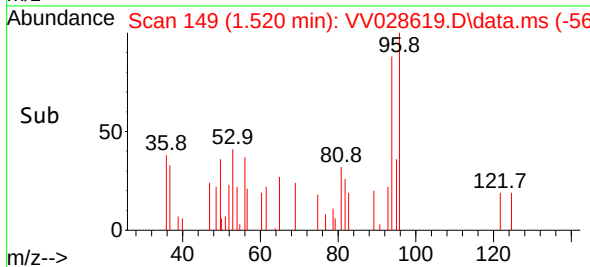
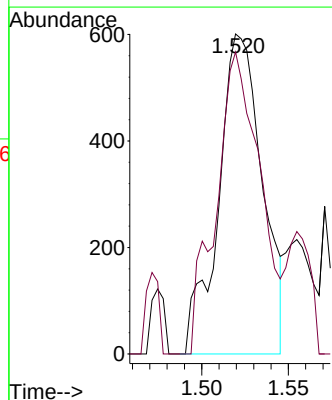
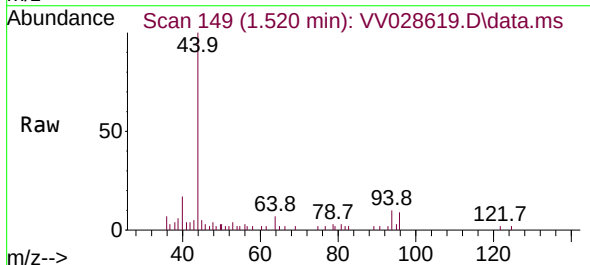
Instrument :
MSVOA_V
ClientSampleId :

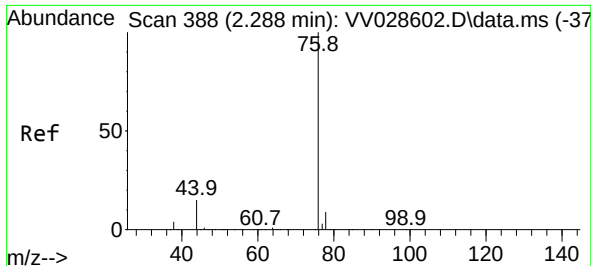
Tgt Ion: 50 Resp: 1068
Ion Ratio Lower Upper
50 100
52 44.7 22.0 41.0#



#6
Bromomethane
Concen: 0.139 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

Tgt Ion: 94 Resp: 1060
Ion Ratio Lower Upper
94 100
96 94.3 67.0 124.4

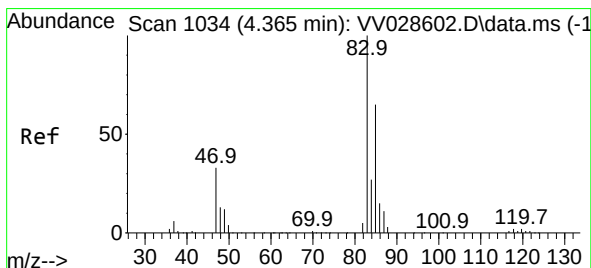
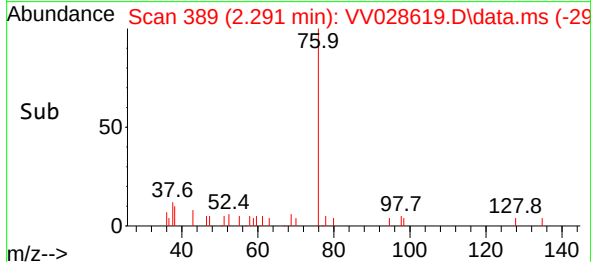
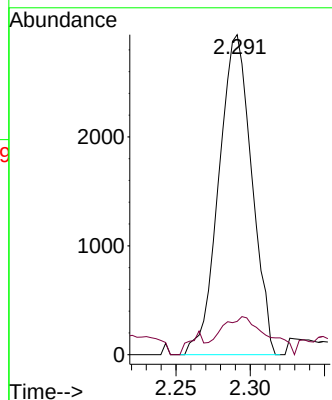
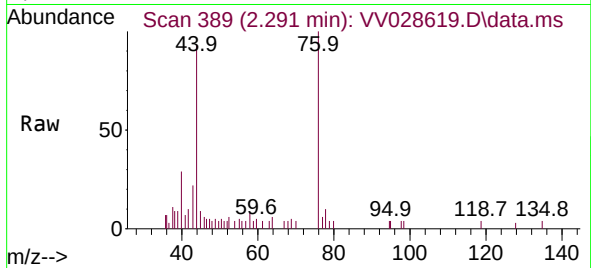




#14
Carbon disulfide
Concen: 0.142 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

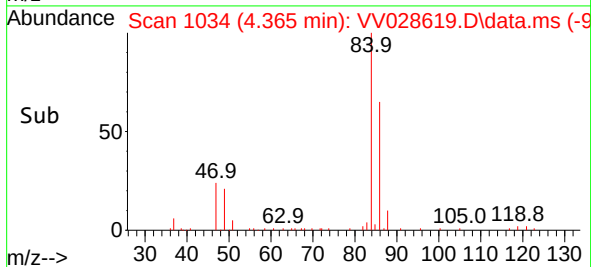
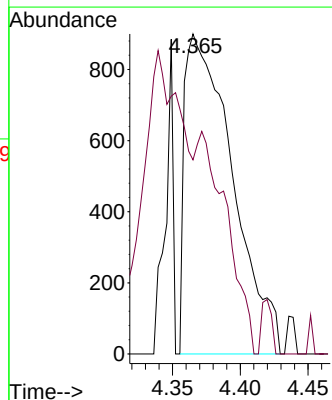
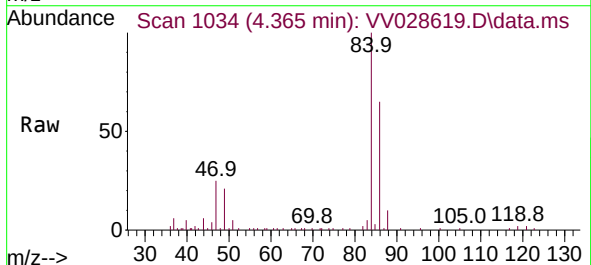
Instrument :
MSVOA_V
ClientSampleId :

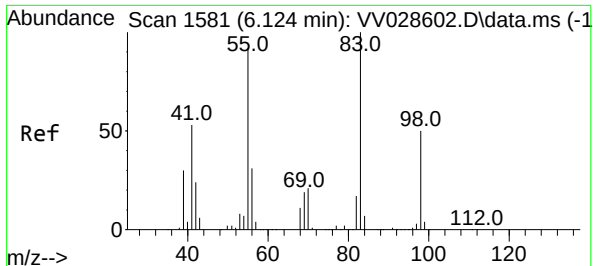
Tgt Ion: 76 Resp: 4543
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#25
Chloroform
Concen: 0.087 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

Tgt Ion: 83 Resp: 2209
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.9

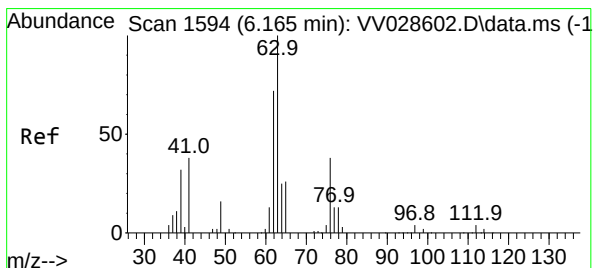
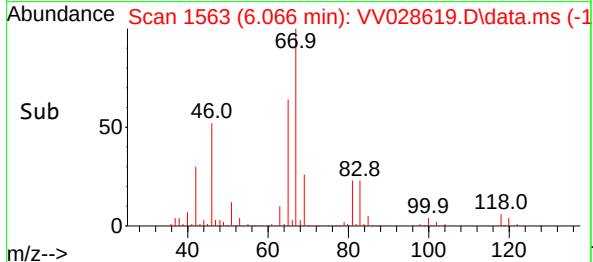
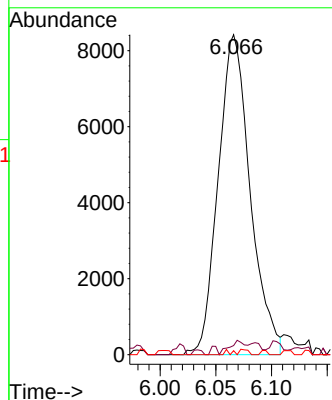
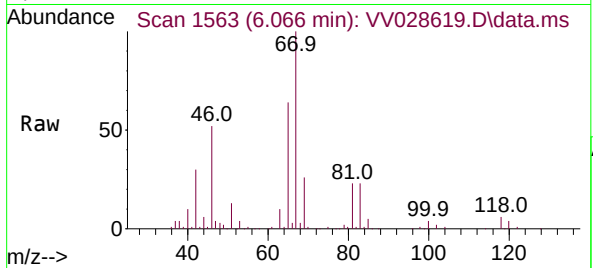




#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

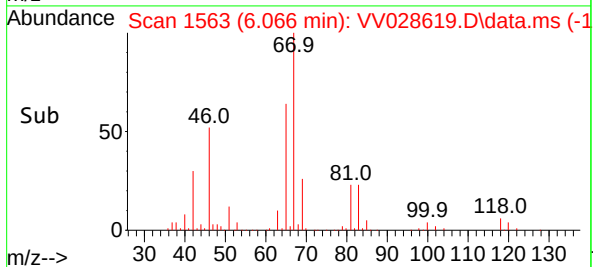
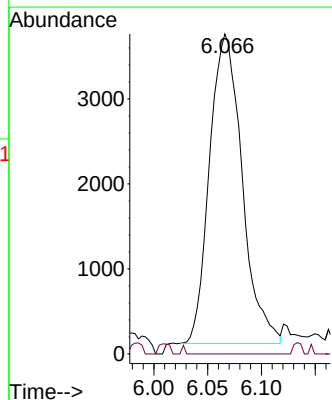
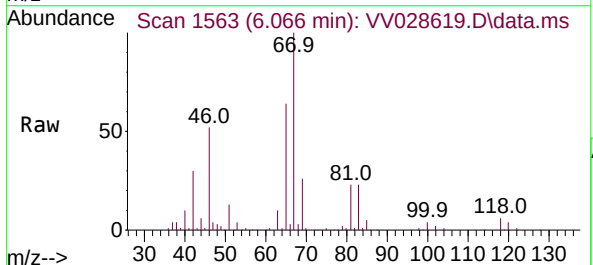
Instrument :
MSVOA_V
ClientSampleId :

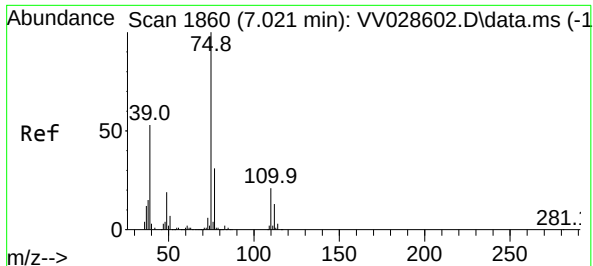
Tgt Ion: 83 Resp: 16828
Ion Ratio Lower Upper
83 100
55 2.3 65.0 97.6#
98 0.6 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.099 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

Tgt Ion: 63 Resp: 7652
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV028619.D

Acq: 18 Oct 2022 17:34

Instrument :

MSVOA_V

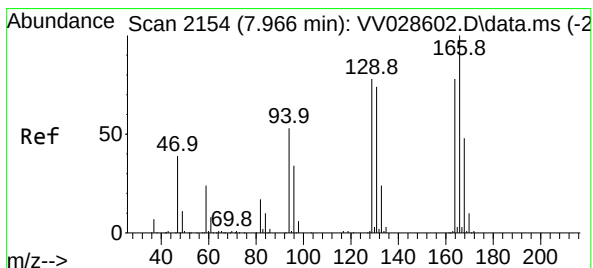
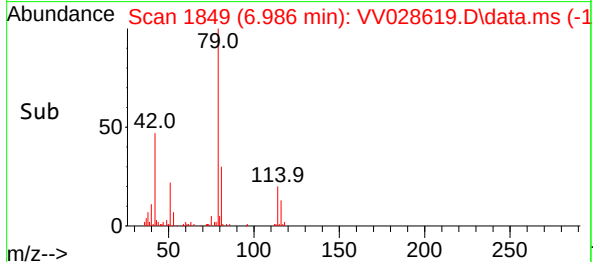
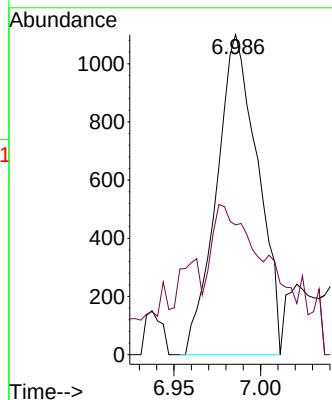
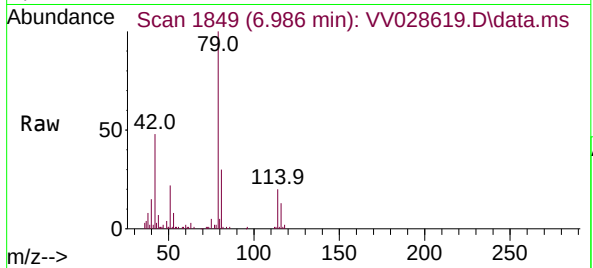
ClientSampleId :

Tgt Ion: 75 Resp: 1823

Ion Ratio Lower Upper

75 100

77 40.5 22.1 41.1



#47

Tetrachloroethene

Concen: 0.238 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.007 min

Lab File: VV028619.D

Acq: 18 Oct 2022 17:34

Tgt Ion:164 Resp: 2201

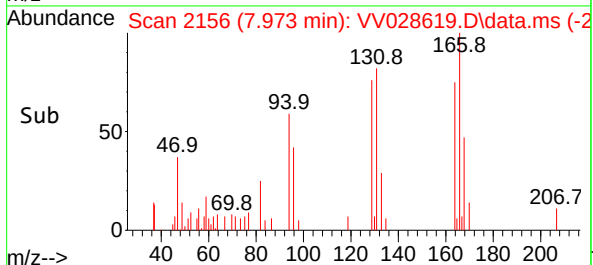
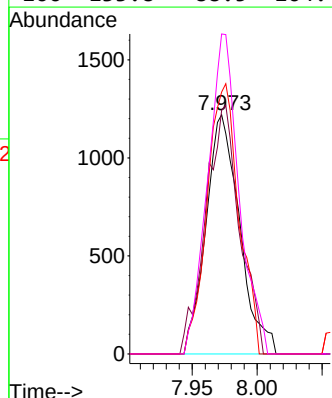
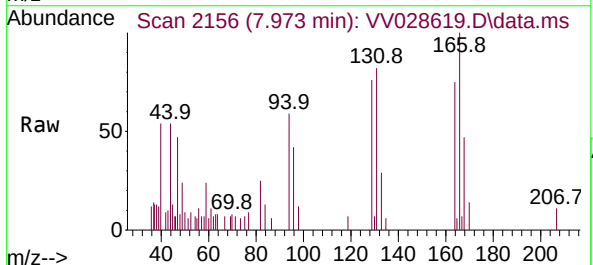
Ion Ratio Lower Upper

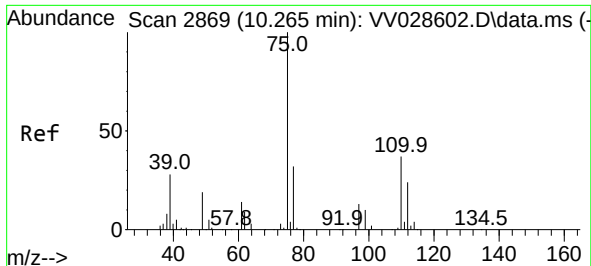
164 100

129 101.9 69.3 128.7

131 109.5 67.3 125.1

166 133.8 88.5 164.4

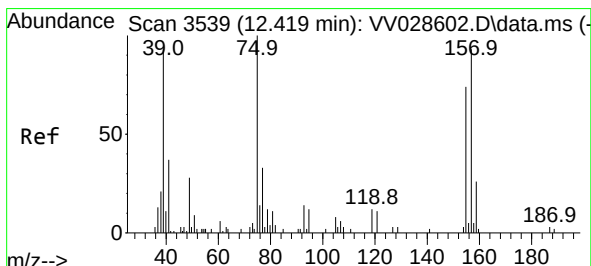
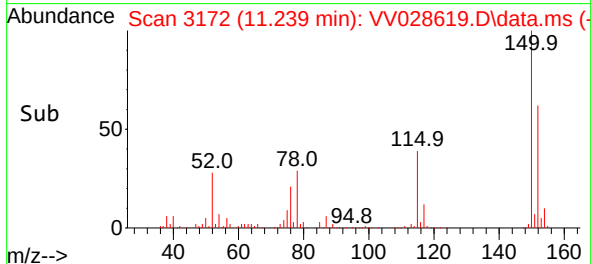
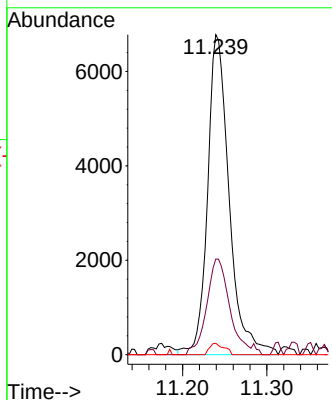
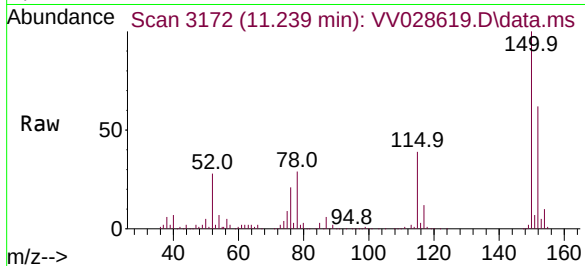




#61
 1,2,3-Trichloropropane
 Concen: 1.810 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.974 min
 Lab File: VV028619.D
 Acq: 18 Oct 2022 17:34

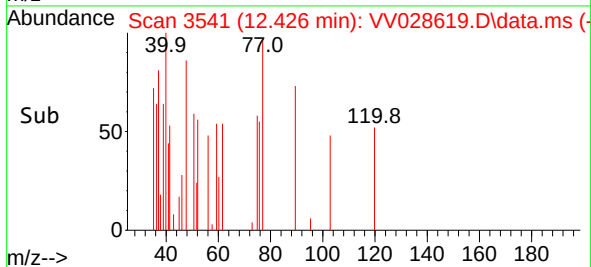
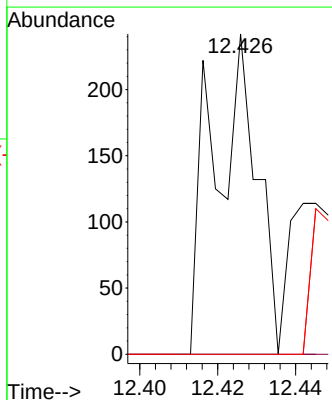
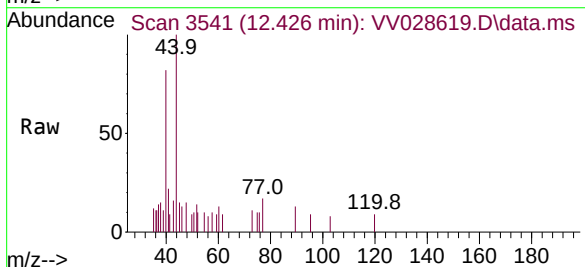
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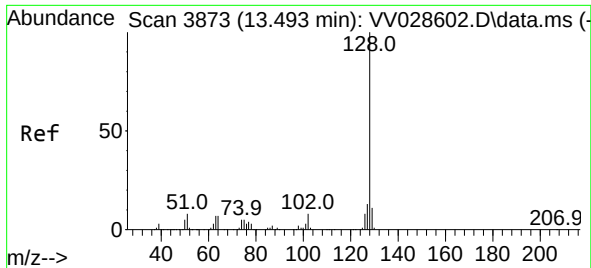
Tgt Ion: 75 Resp: 12076
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0
 110 2.4 28.3 42.5#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.135 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.007 min
 Lab File: VV028619.D
 Acq: 18 Oct 2022 17:34

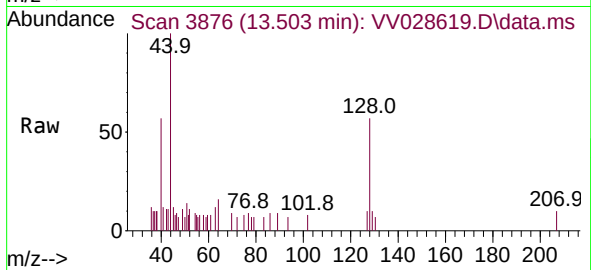
Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.2 82.8#
 157 0.0 68.6 103.0#





#71
Naphthalene
Concen: 0.091 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028619.D
Acq: 18 Oct 2022 17:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1750
Ion Ratio Lower Upper
128 100
129 9.4 9.0 13.6
127 8.0 10.1 15.1#

