

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029222.D
 Acq On : 20 Nov 2022 14:00
 Operator : SY/MD
 Sample : N5651-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:57:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

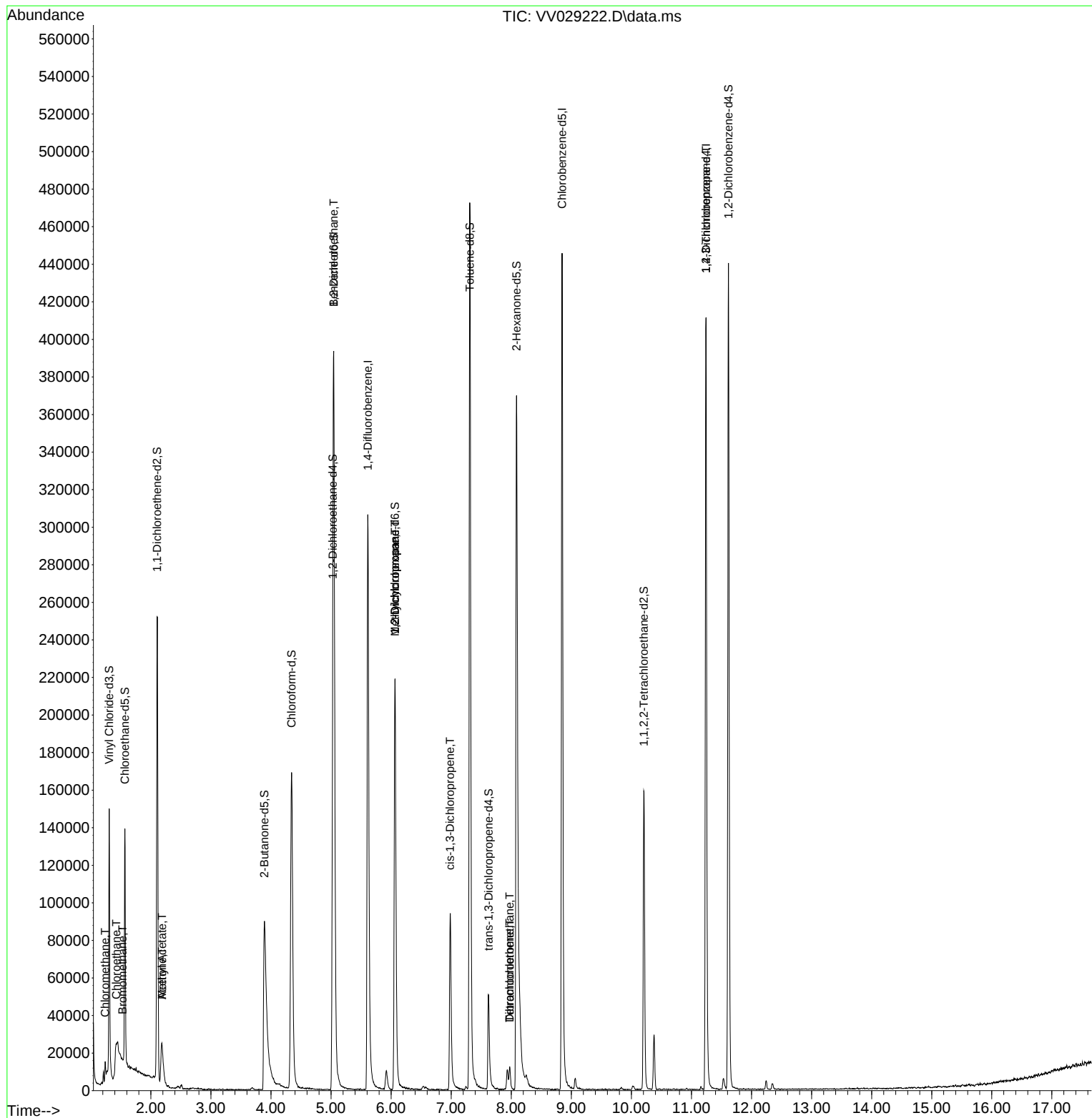
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	291843	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	273987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	119306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99373	5.585	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.800%		
7) Chloroethane-d5	1.568	69	82498	5.274	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.105	63	126613	3.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.000%		
20) 2-Butanone-d5	3.889	46	206066	69.188	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 138.380%#		
24) Chloroform-d	4.342	84	186439	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
26) 1,2-Dichloroethane-d4	5.027	65	85742	5.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.400%		
32) Benzene-d6	5.043	84	387405	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.800%		
36) 1,2-Dichloropropane-d6	6.066	67	116049	5.082	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.600%		
41) Toluene-d8	7.310	98	341447	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	7.622	79	35347	4.746	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.000%		
46) 2-Hexanone-d5	8.088	63	160534	50.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.000%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	82618	5.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.400%		
66) 1,2-Dichlorobenzene-d4	11.616	152	123165	5.770	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.400%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7587	0.376	ug/L	97
6) Bromomethane	1.526	94	675	0.049	ug/L	96
8) Chloroethane	1.423	64	21217	1.568	ug/L #	50
13) Acetone	2.185	43	41750	21.792	ug/L	83
15) Methyl Acetate	2.185	43	41188	8.858	ug/L #	44
27) 1,2-Dichloroethane	5.043	62	2159	0.119	ug/L #	70
35) Methylcyclohexane	6.063	83	28658	0.761	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12258	0.635	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2457	0.091	ug/L #	65
47) Tetrachloroethene	7.976	164	3059	0.178	ug/L	97
49) Dibromochloromethane	7.976	129	2701	0.177	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12243	1.502	ug/L #	65

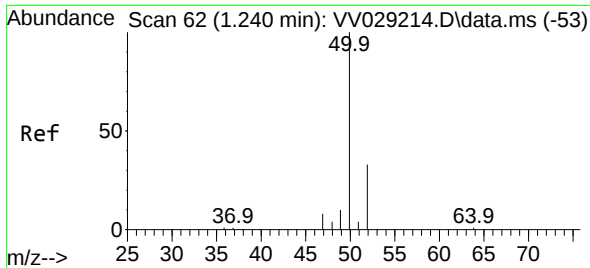
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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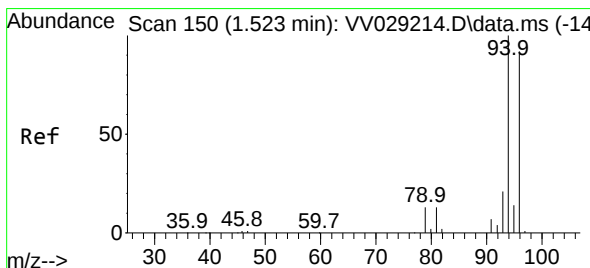
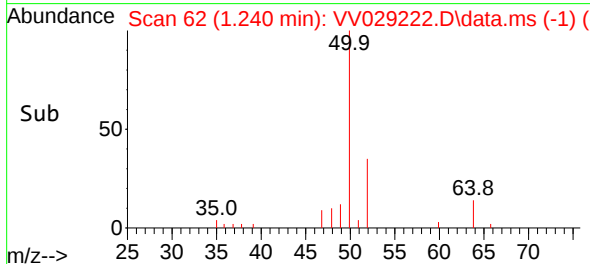
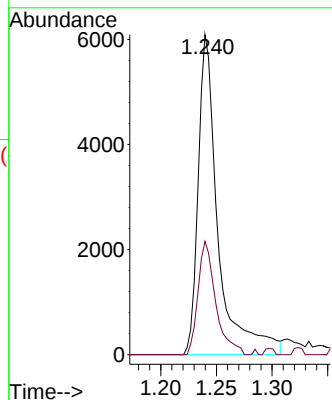
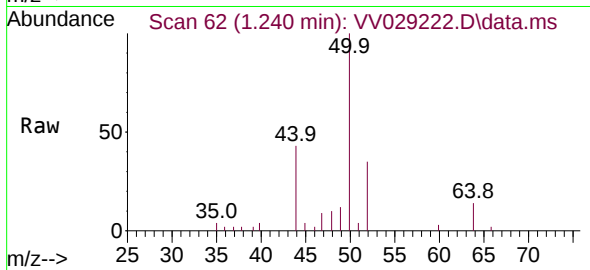




#3
Chloromethane
Concen: 0.376 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

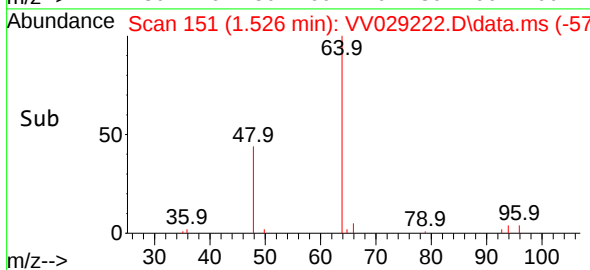
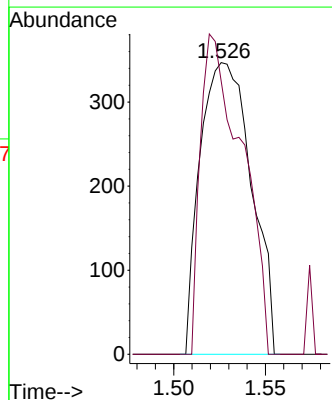
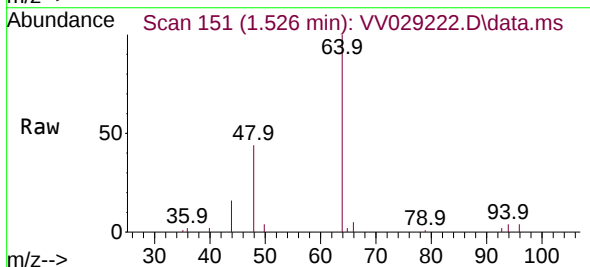
Instrument :
MSVOA_V
ClientSampleId :

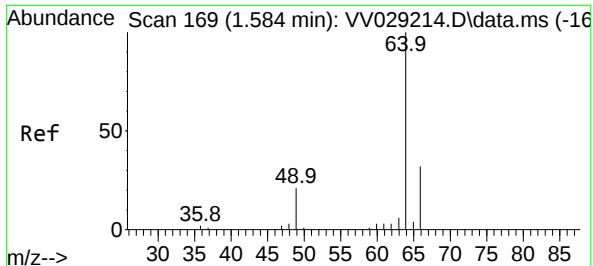
Tgt Ion: 50 Resp: 7587
Ion Ratio Lower Upper
50 100
52 35.4 23.7 43.9



#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

Tgt Ion: 94 Resp: 675
Ion Ratio Lower Upper
94 100
96 93.7 68.5 127.3

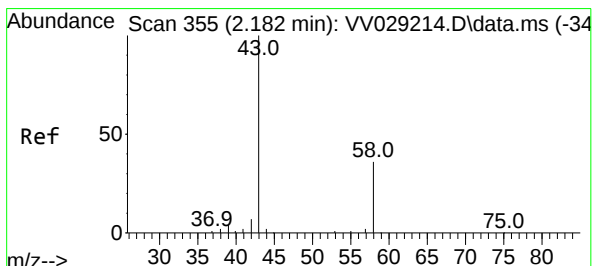
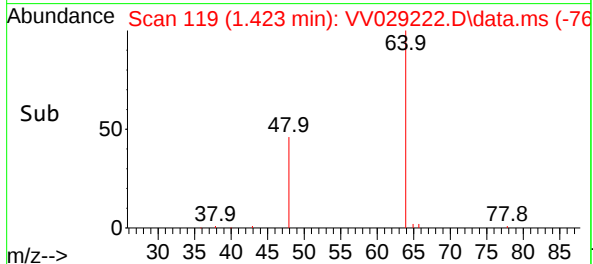
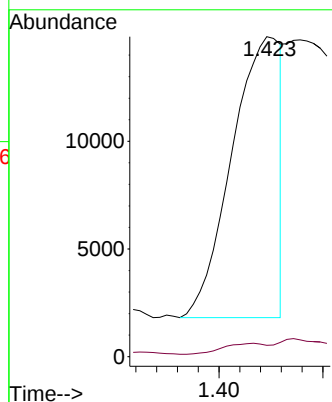
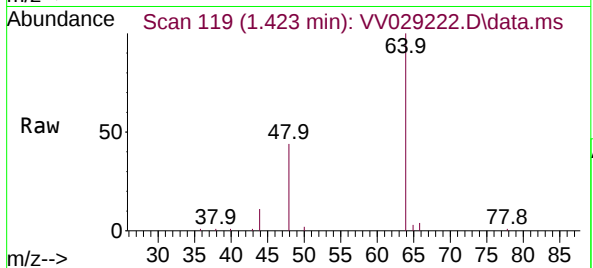




#8
Chloroethane
Concen: 1.568 ug/L
RT: 1.423 min Scan# 119
Delta R.T. -0.161 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

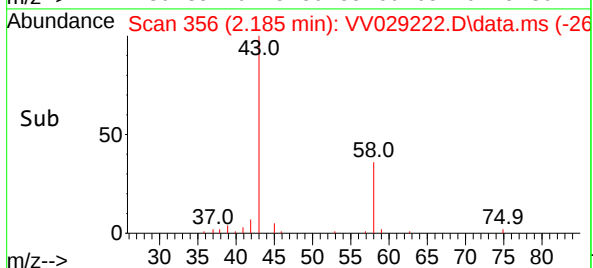
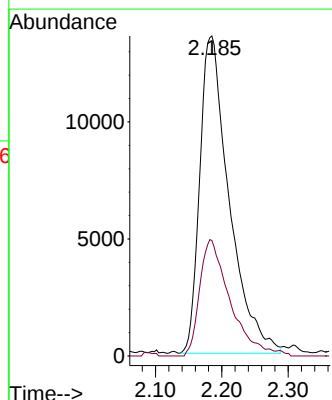
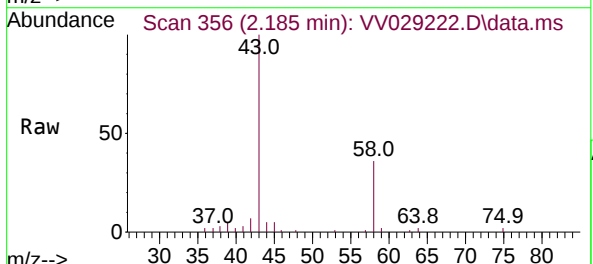
Instrument :
MSVOA_V
ClientSampleId :

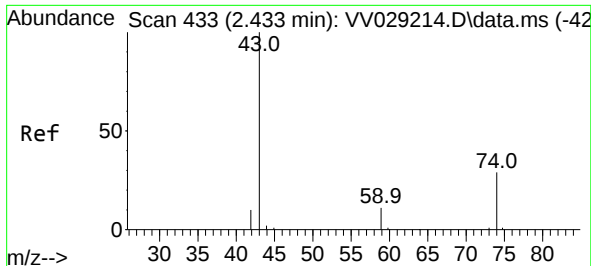
Tgt Ion: 64 Resp: 21217
Ion Ratio Lower Upper
64 100
66 3.5 22.0 40.8#



#13
Acetone
Concen: 21.792 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

Tgt Ion: 43 Resp: 41750
Ion Ratio Lower Upper
43 100
58 37.5 0.0 56.6

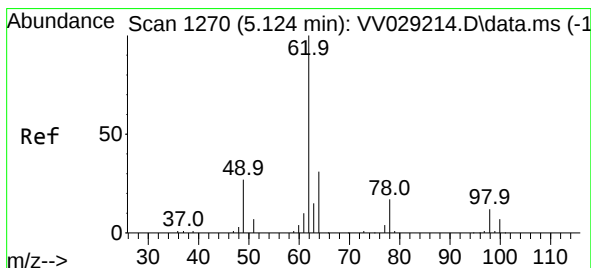
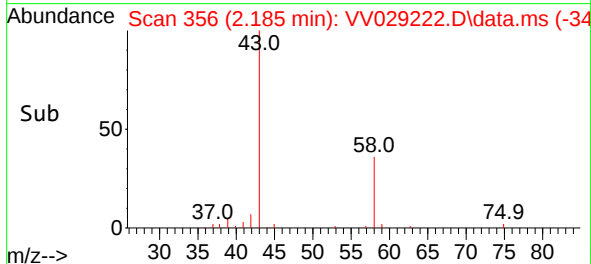
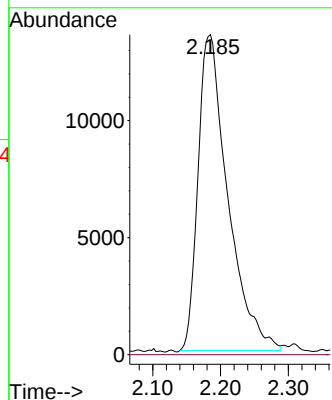
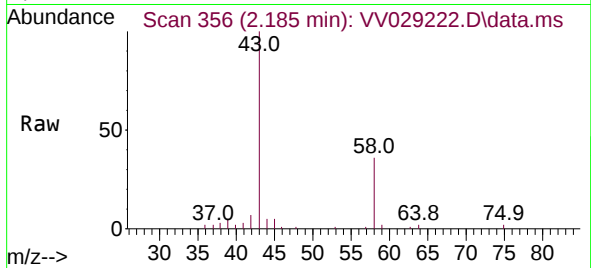




#15
Methyl Acetate
Concen: 8.858 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.248 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

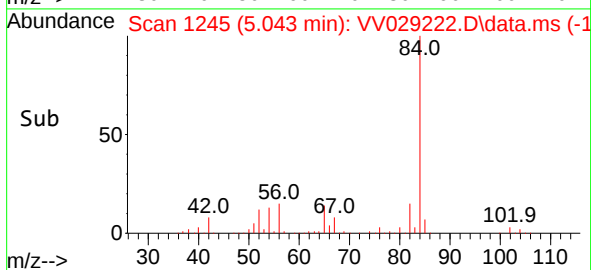
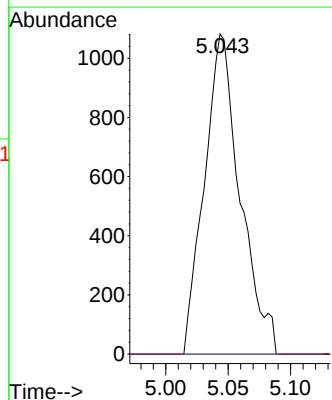
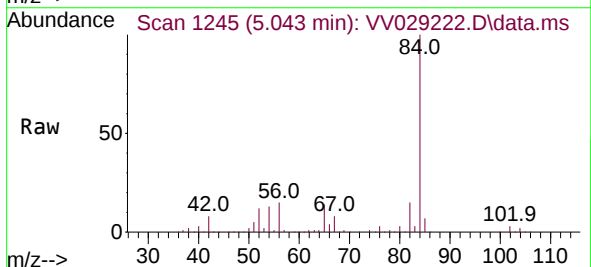
Instrument :
MSVOA_V
ClientSampleId :

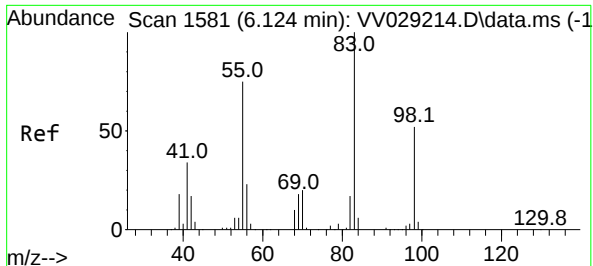
Tgt Ion: 43 Resp: 41188
Ion Ratio Lower Upper
43 100
74 0.3 24.6 37.0#



#27
1,2-Dichloroethane
Concen: 0.119 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.080 min
Lab File: VV029222.D
Acq: 20 Nov 2022 14:00

Tgt Ion: 62 Resp: 2159
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#





#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029222.D

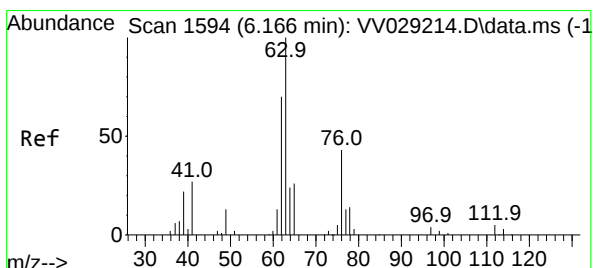
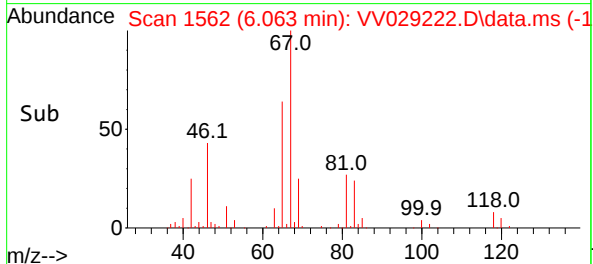
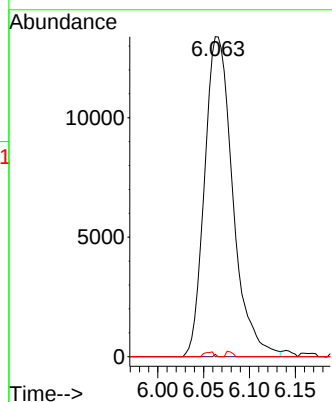
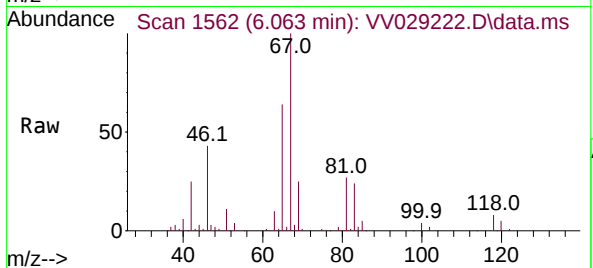
Acq: 20 Nov 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	28658
Ion Ratio	Lower	Upper	
83	100		
55	0.1	55.8	83.6#
98	0.5	38.2	57.2#



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

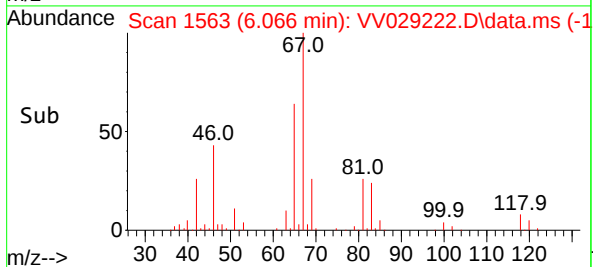
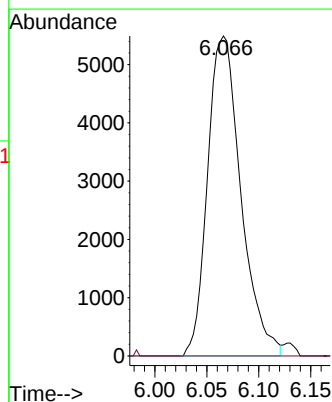
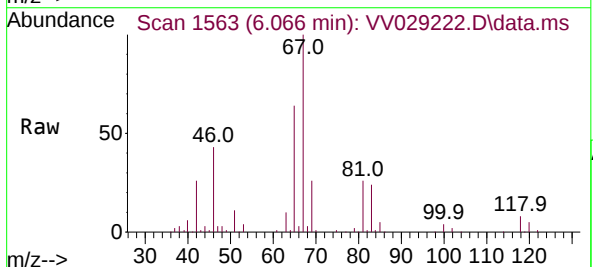
RT: 6.066 min Scan# 1563

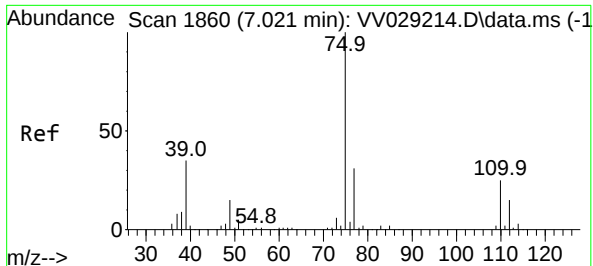
Delta R.T. -0.100 min

Lab File: VV029222.D

Acq: 20 Nov 2022 14:00

Tgt Ion:	63	Resp:	12258
Ion Ratio	Lower	Upper	
63	100		
112	0.2	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029222.D

Acq: 20 Nov 2022 14:00

Instrument :

MSVOA_V

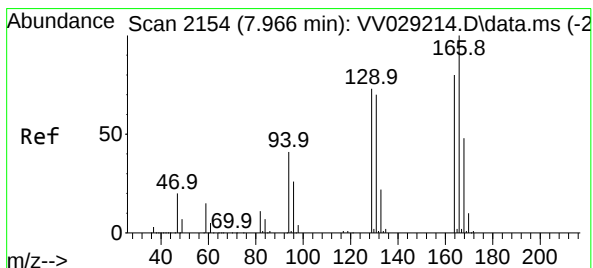
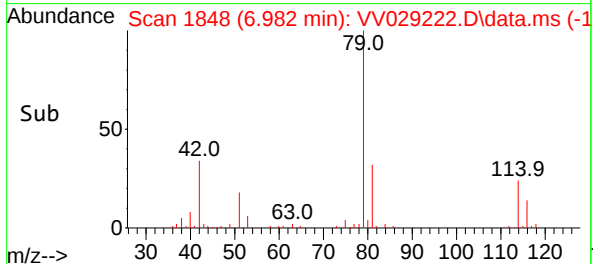
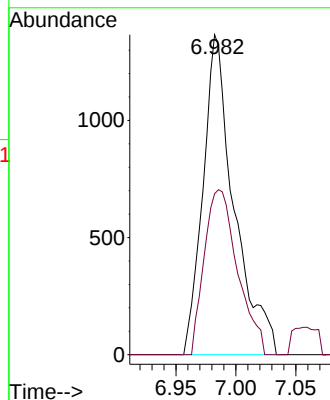
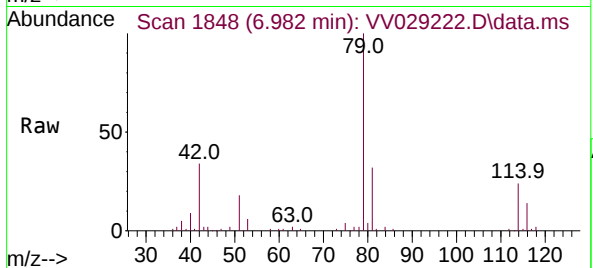
ClientSampleId :

Tgt Ion: 75 Resp: 2457

Ion Ratio Lower Upper

75 100

77 50.3 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.178 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.010 min

Lab File: VV029222.D

Acq: 20 Nov 2022 14:00

Tgt Ion:164 Resp: 3059

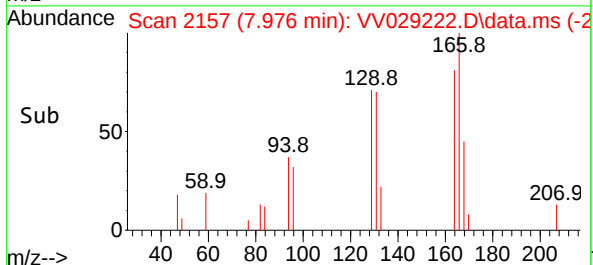
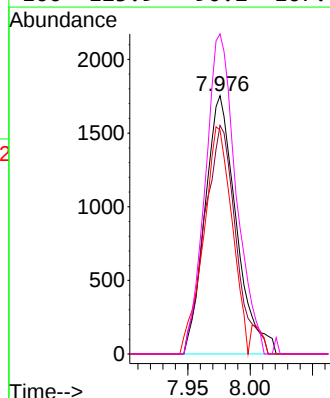
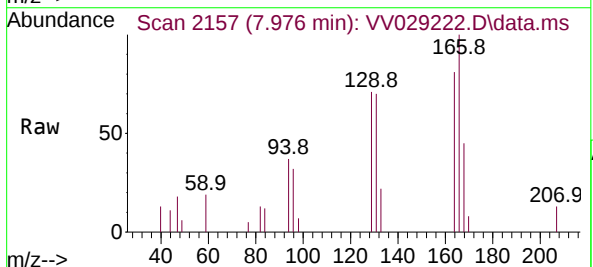
Ion Ratio Lower Upper

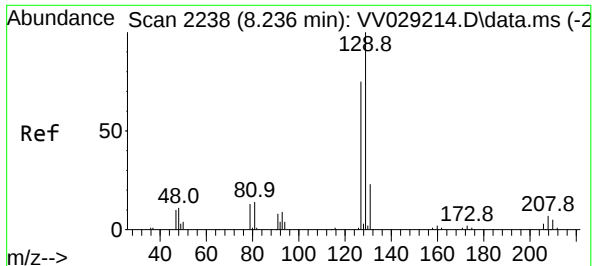
164 100

129 88.5 63.9 118.7

131 86.7 61.8 114.8

166 123.9 90.2 167.4





#49

Dibromochloromethane

Concen: 0.177 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.261 min

Lab File: VV029222.D

Acq: 20 Nov 2022 14:00

Instrument :

MSVOA_V

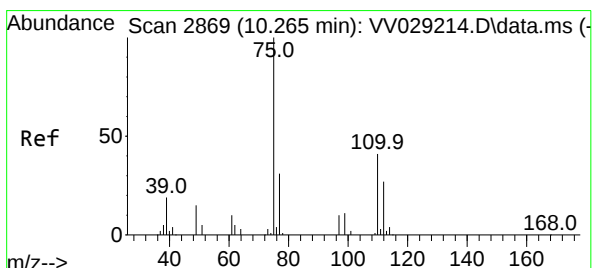
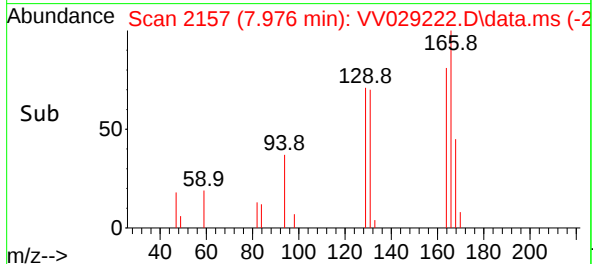
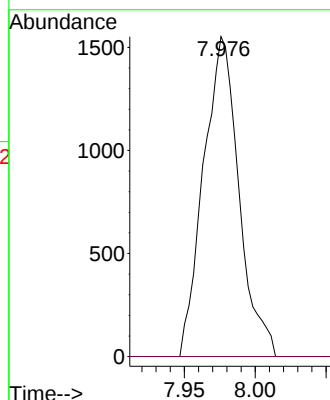
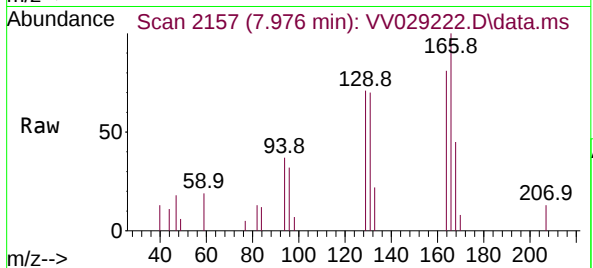
ClientSampleId :

Tgt Ion:129 Resp: 2701

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.502 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029222.D

Acq: 20 Nov 2022 14:00

Tgt Ion: 75 Resp: 12243

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 2.0 32.6 48.8#

