

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101822\
 Data File : VW028613.D
 Acq On : 18 Oct 2022 14:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:39:02 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

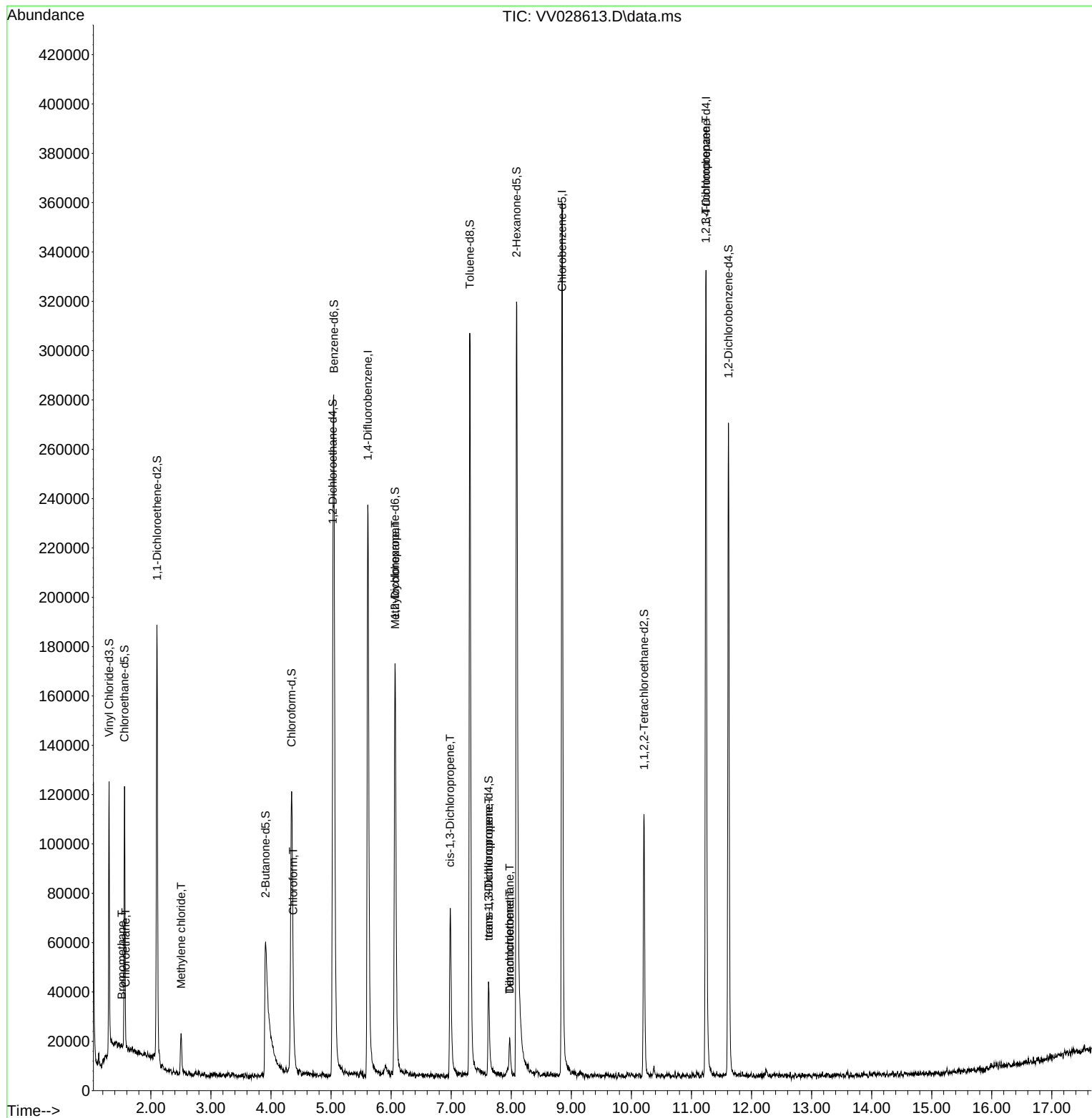
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	192714	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	78879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67692	4.081	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.561	69	65959	4.837	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.101	63	96255	3.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.908	46	170289	47.760	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.520%	
24) Chloroform-d	4.342	84	119492	4.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.031	65	63766	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.047	84	242852	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.066	67	83924	4.443	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.310	98	196001	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22609	3.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.800%	
46) 2-Hexanone-d5	8.088	63	124916	45.355	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.700%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54511	4.846	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	11.616	152	66118	5.080	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.516	94	594	0.074	ug/L	87
8) Chloroethane	1.581	64	995	0.086	ug/L	97
16) Methylene chloride	2.503	84	6443	0.381	ug/L	88
25) Chloroform	4.368	83	6307	0.237	ug/L	91
35) Methylcyclohexane	6.069	83	18707	0.734	ug/L #	18
39) cis-1,3-Dichloropropene	6.982	75	1935	0.089	ug/L #	50
44) trans-1,3-Dichloropropene	7.625	75	1243	0.075	ug/L #	73
47) Tetrachloroethene	7.973	164	3226	0.324	ug/L	93
49) Dibromochloromethane	7.976	129	3131	0.324	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	12006	1.703	ug/L #	69

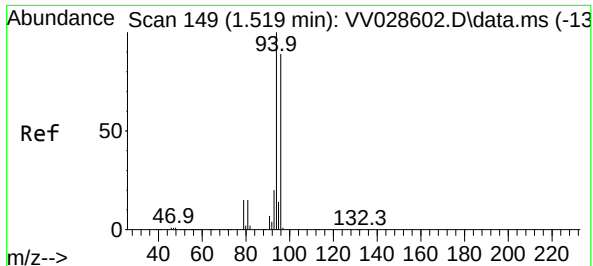
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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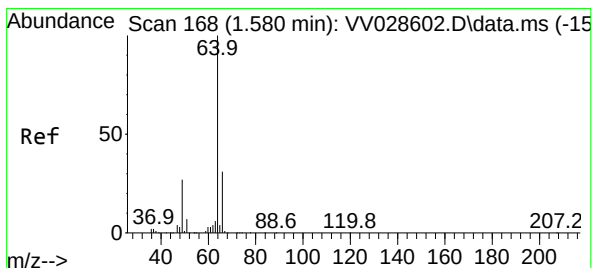
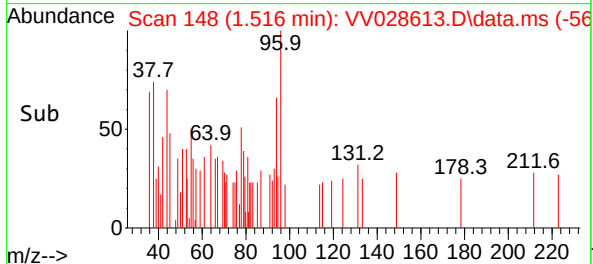
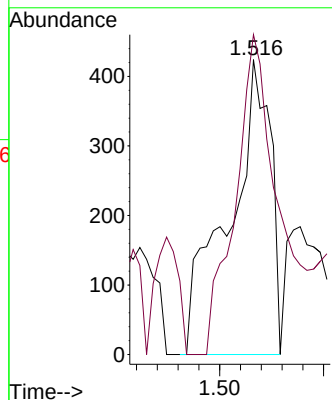
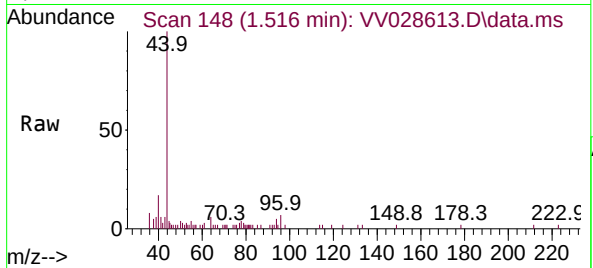




#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.516 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

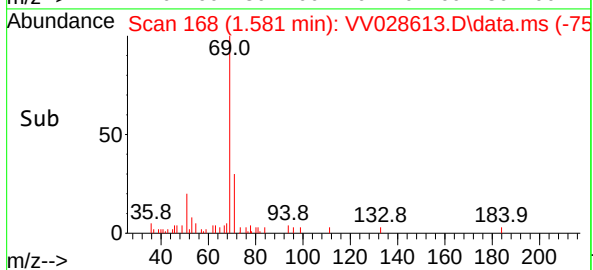
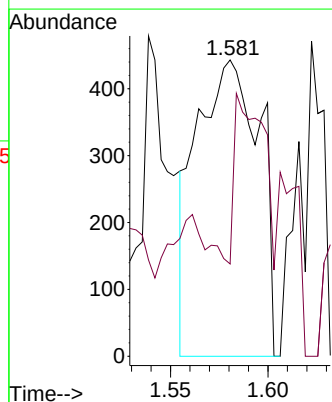
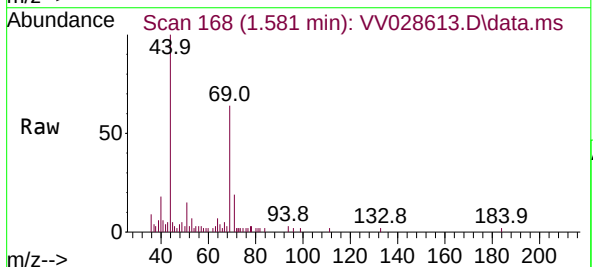
Instrument :
MSVOA_V
ClientSampleId :

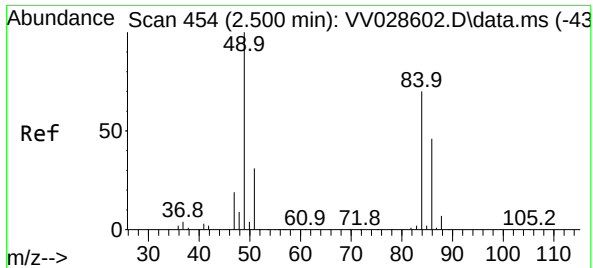
Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 108.5 67.0 124.4



#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

Tgt Ion: 64 Resp: 995
Ion Ratio Lower Upper
64 100
66 31.2 23.0 42.8

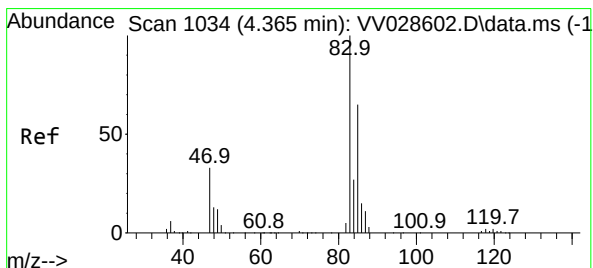
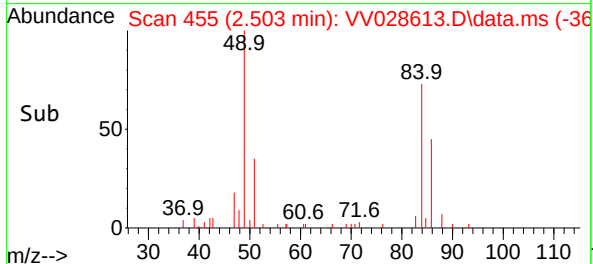
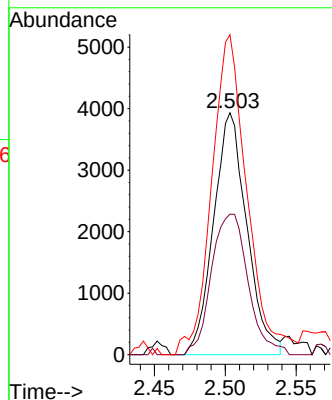
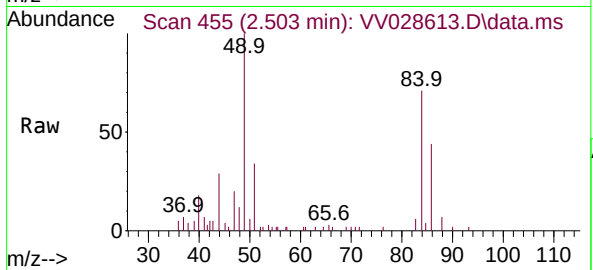




#16
Methylene chloride
Concen: 0.381 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

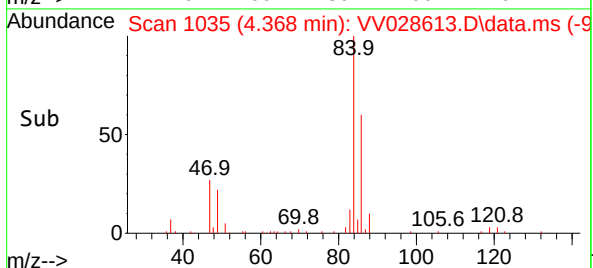
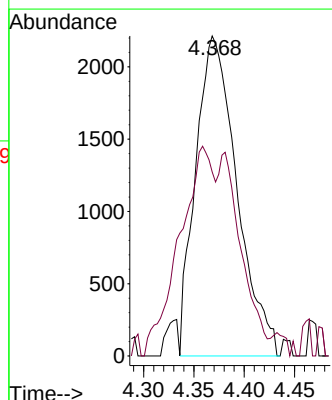
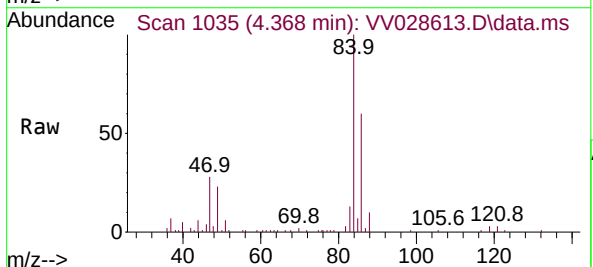
Instrument :
MSVOA_V
ClientSampleId :

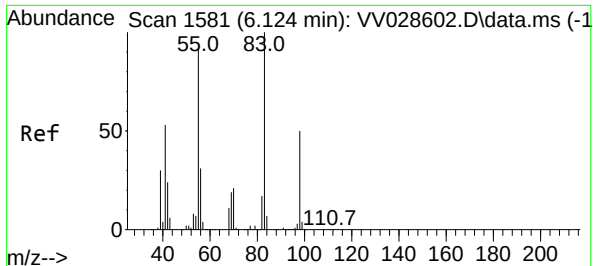
Tgt Ion: 84 Resp: 6443
Ion Ratio Lower Upper
84 100
86 58.1 42.8 79.6
49 132.3 106.4 197.6



#25
Chloroform
Concen: 0.237 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

Tgt Ion: 83 Resp: 6307
Ion Ratio Lower Upper
83 100
85 57.5 45.1 83.9

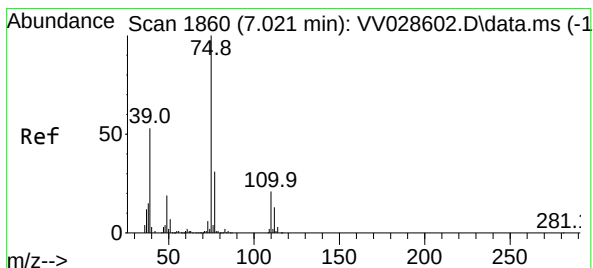
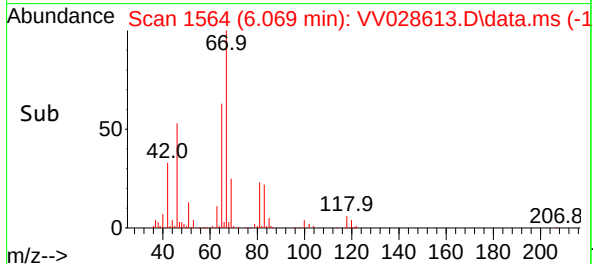
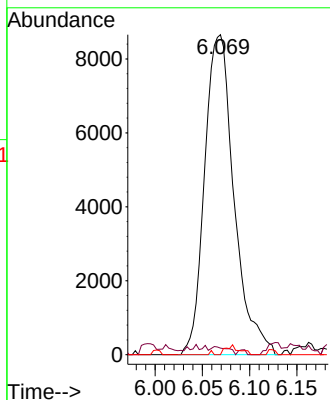
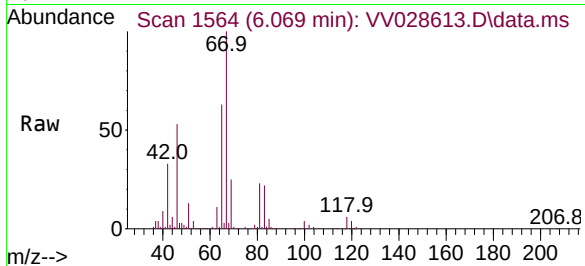




#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

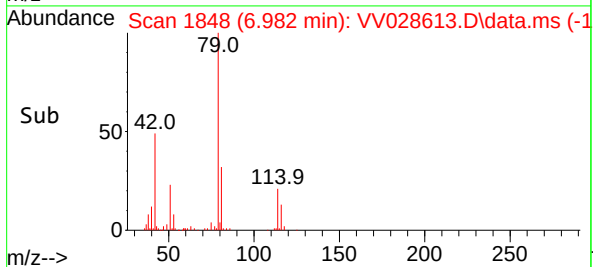
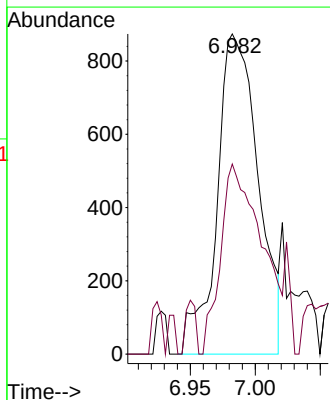
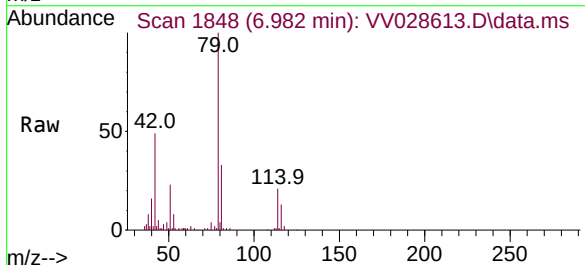
Instrument :
MSVOA_V
ClientSampleId :

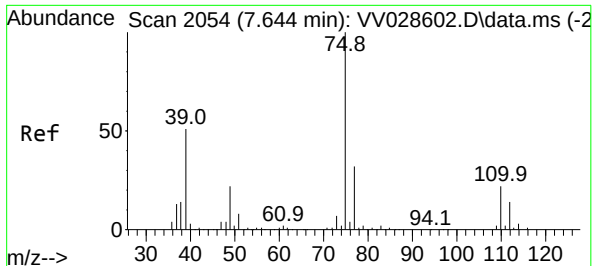
Tgt Ion: 83 Resp: 18707
Ion Ratio Lower Upper
83 100
55 1.4 65.0 97.6#
98 0.1 36.4 54.6#



#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.038 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

Tgt Ion: 75 Resp: 1935
Ion Ratio Lower Upper
75 100
77 59.4 22.1 41.1#

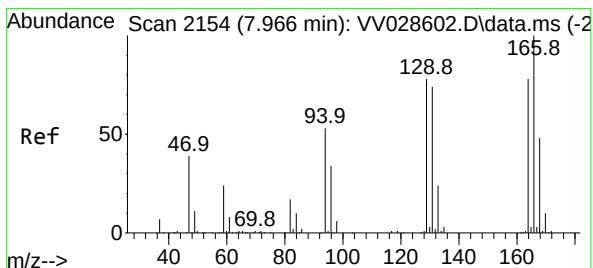
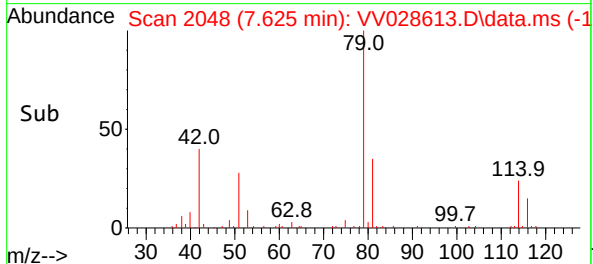
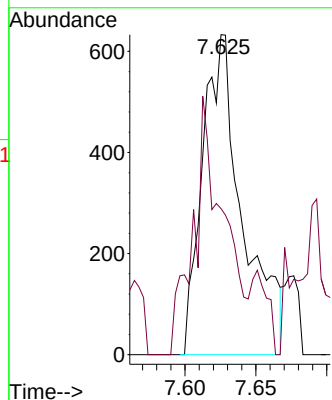
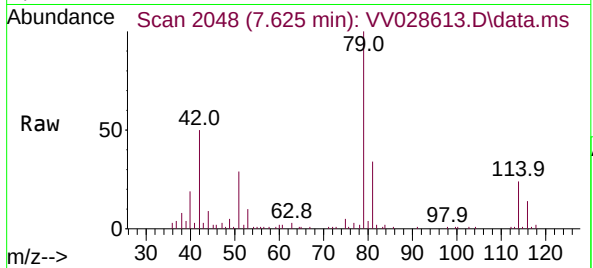




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.019 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

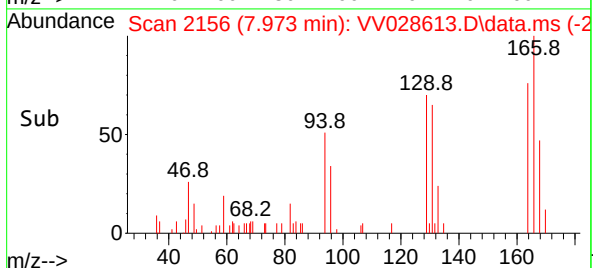
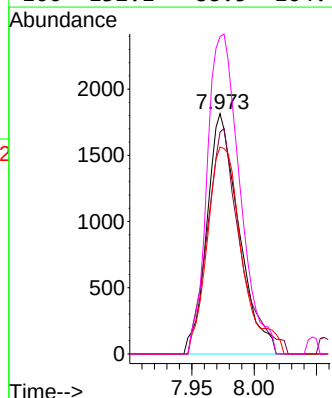
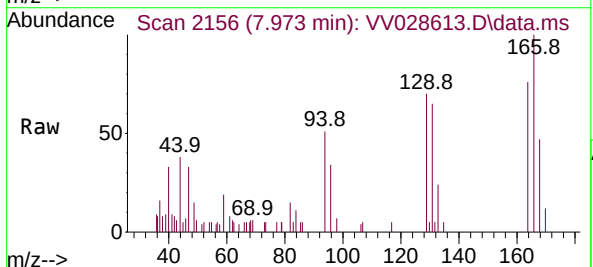
Instrument :
MSVOA_V
ClientSampleId :

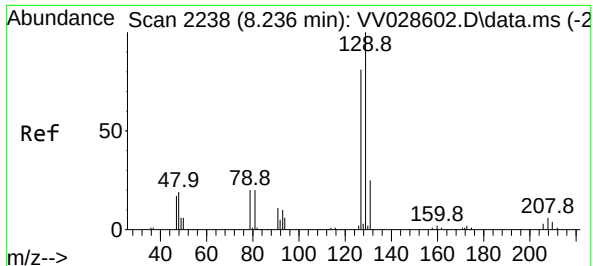
Tgt Ion: 75 Resp: 1243
Ion Ratio Lower Upper
75 100
77 45.7 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.324 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV028613.D
Acq: 18 Oct 2022 14:18

Tgt Ion: 164 Resp: 3226
Ion Ratio Lower Upper
164 100
129 92.3 69.3 128.7
131 86.1 67.3 125.1
166 132.1 88.5 164.4





#49

Dibromochloromethane

Concen: 0.324 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.260 min

Lab File: VV028613.D

Acq: 18 Oct 2022 14:18

Instrument :

MSVOA_V

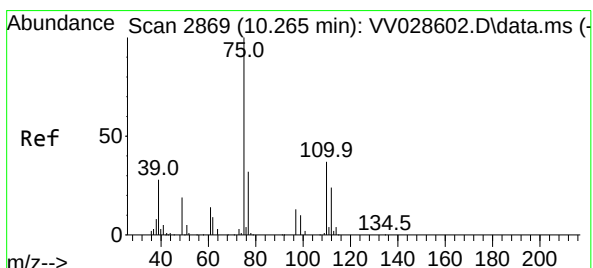
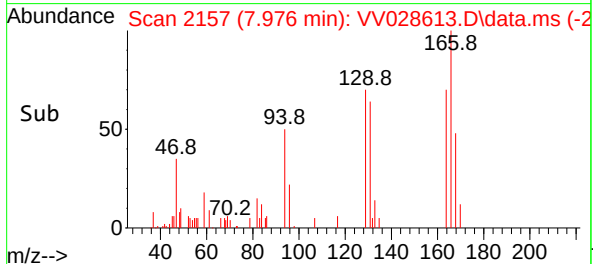
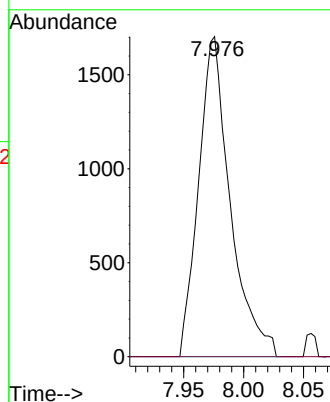
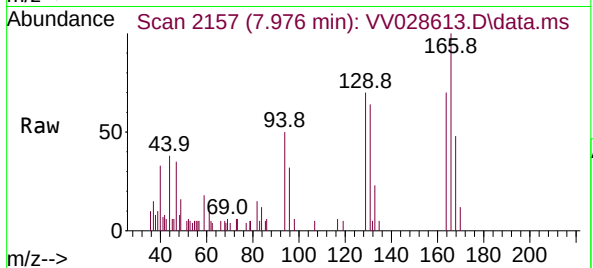
ClientSampleId :

Tgt Ion:129 Resp: 3131

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.703 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028613.D

Acq: 18 Oct 2022 14:18

Tgt Ion: 75 Resp: 12006

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0

110 3.2 28.3 42.5#

