

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032708.D
 Acq On : 28 Oct 2023 01:25
 Operator : SY/MD
 Sample : 05055-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 05:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

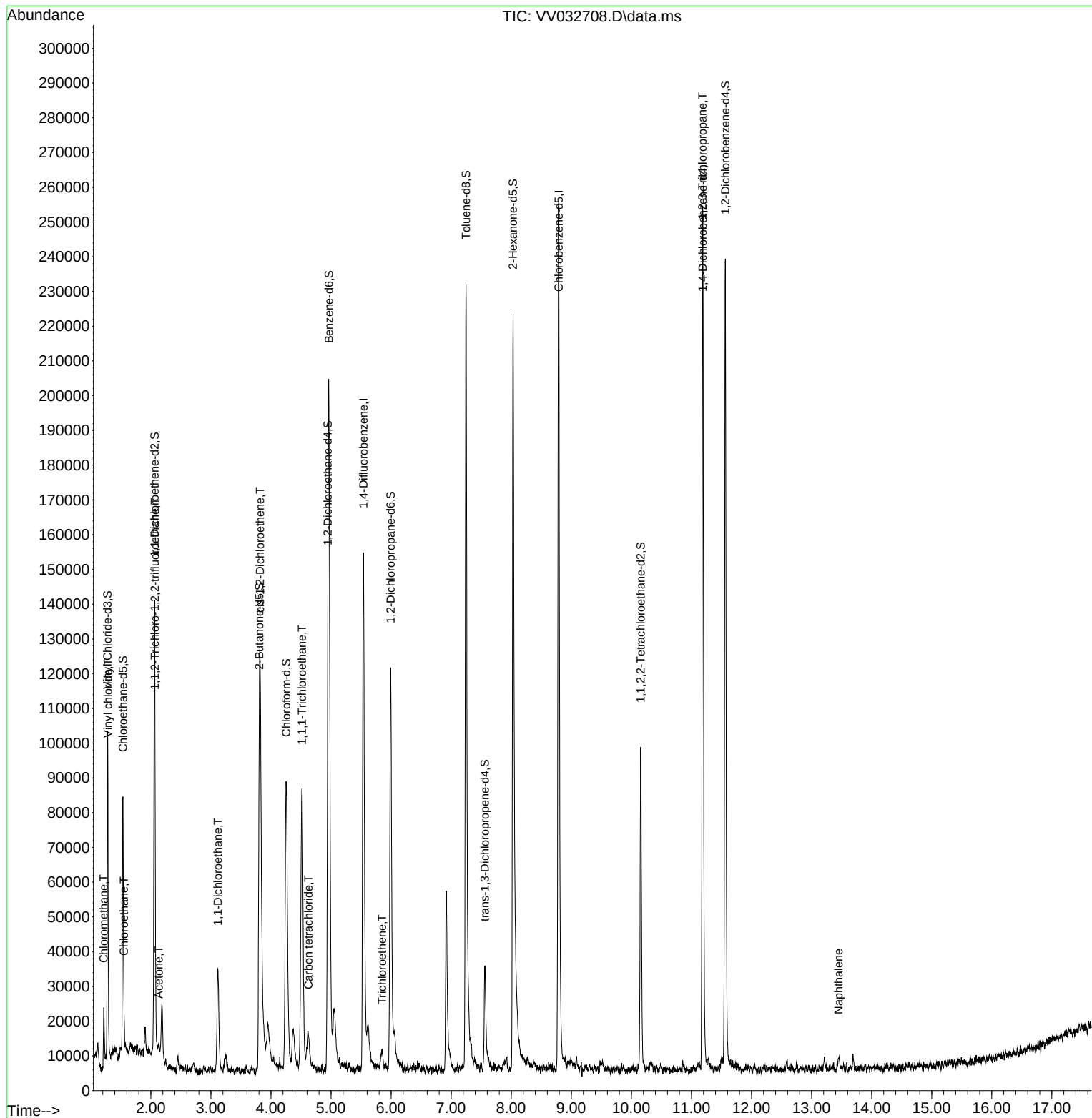
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	130212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	148459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51548	4.820	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.535	69	47871	5.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.063	65	21417	4.462	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	3.805	46	97235	42.105	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.220%	
24) Chloroform-d	4.252	84	91444	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	4.947	65	46809	5.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	4.963	84	181969	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	5.992	67	54777	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.246	98	164230	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.561	79	19391	4.293	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.030	63	75483	42.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.340%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	43601	4.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	58744	5.582	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	11216	0.711	ug/L	98
5) Vinyl chloride	1.285	62	11854	0.758	ug/L	95
8) Chloroethane	1.552	64	3370	0.329	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2171	0.175	ug/L #	80
13) Acetone	2.134	43	4790	2.101	ug/L	86
19) 1,1-Dichloroethane	3.117	63	29987	1.470	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	45456	3.896	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	68197	3.561	ug/L	100
31) Carbon tetrachloride	4.622	117	1553	0.093	ug/L	92
34) Trichloroethene	5.850	95	1357	0.109	ug/L	82
61) 1,2,3-Trichloropropane	11.185	75	7843	1.151	ug/L #	61
71) Naphthalene	13.448	128	2415	0.107	ug/L #	86

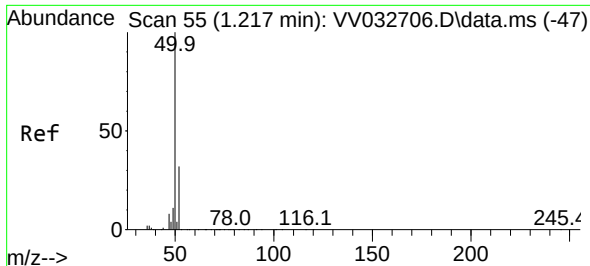
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032708.D
Acq On : 28 Oct 2023 01:25
Operator : SY/MD
Sample : 05055-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 28 05:10:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 28 02:08:41 2023
Response via : Initial Calibration

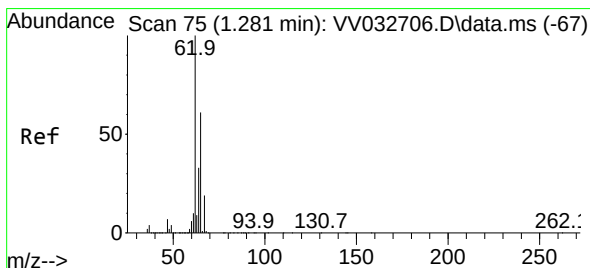
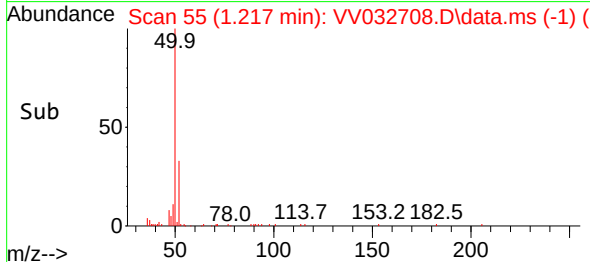
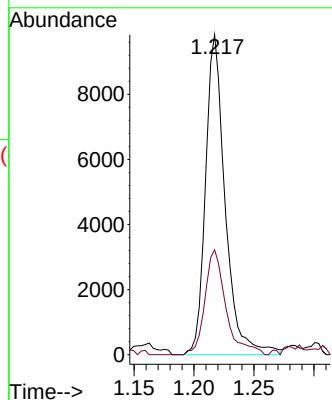
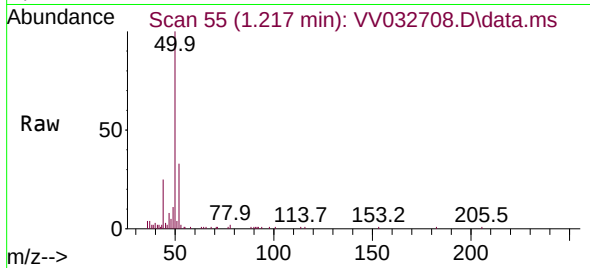




#3
Chloromethane
Concen: 0.711 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

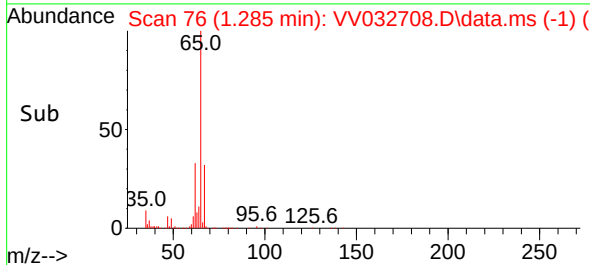
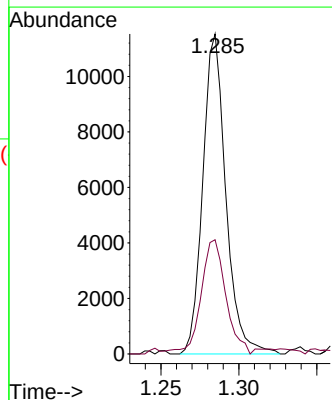
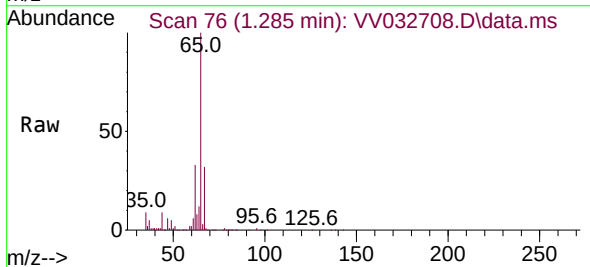
Instrument :
MSVOA_V
ClientSampleId :

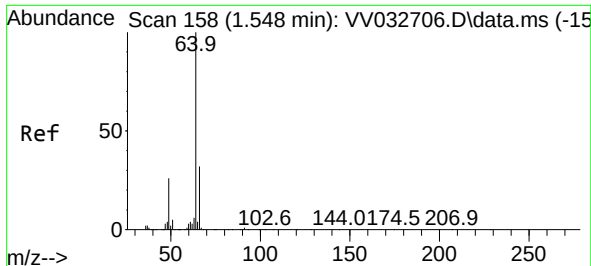
Tgt Ion: 50 Resp: 11216
Ion Ratio Lower Upper
50 100
52 32.8 22.3 41.5



#5
Vinyl chloride
Concen: 0.758 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

Tgt Ion: 62 Resp: 11854
Ion Ratio Lower Upper
62 100
64 35.7 23.2 43.0

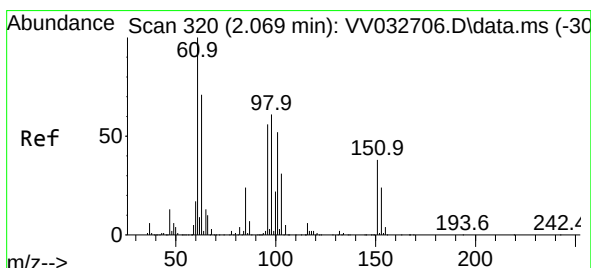
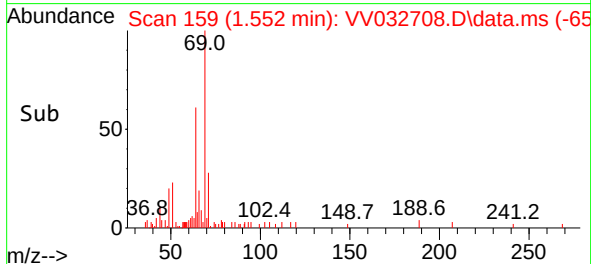
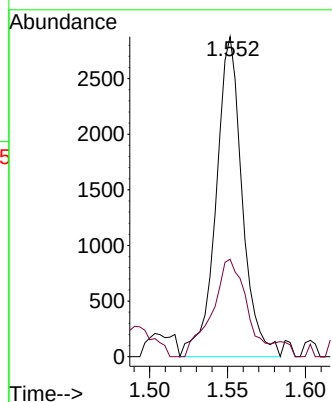
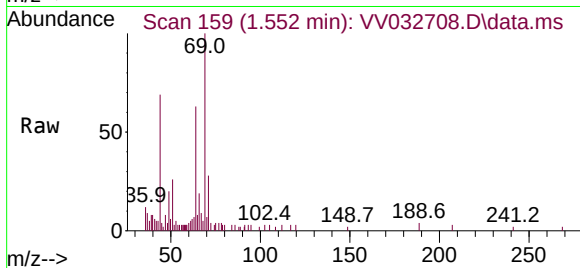




#8
Chloroethane
Concen: 0.329 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

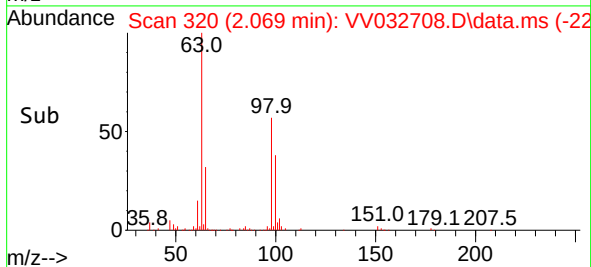
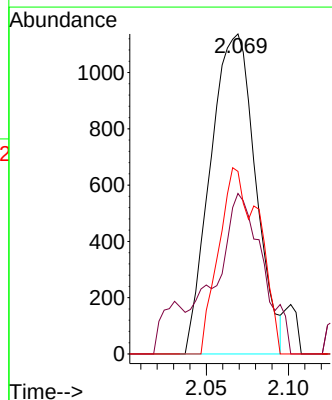
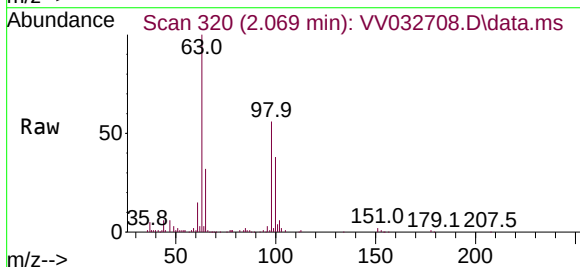
Instrument :
MSVOA_V
ClientSampleId :

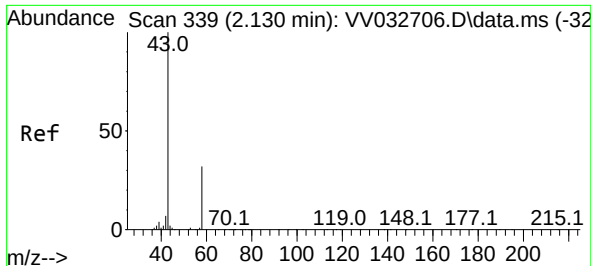
Tgt Ion: 64 Resp: 3370
Ion Ratio Lower Upper
64 100
66 27.1 22.3 41.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.175 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

Tgt Ion: 101 Resp: 2171
Ion Ratio Lower Upper
101 100
85 52.3 36.2 54.4
151 52.2 59.0 88.6#

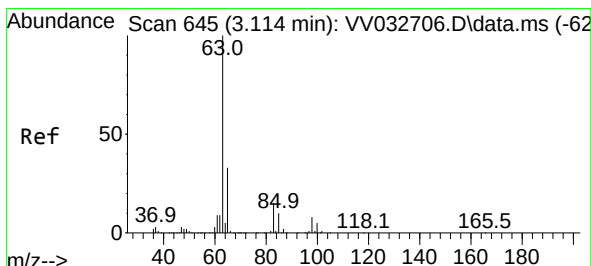
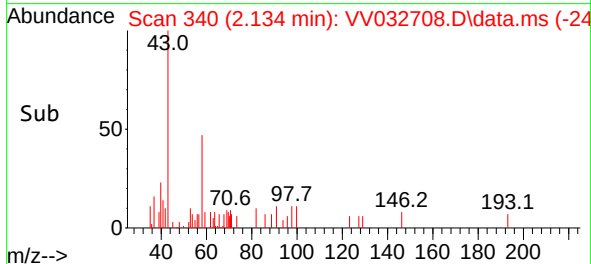
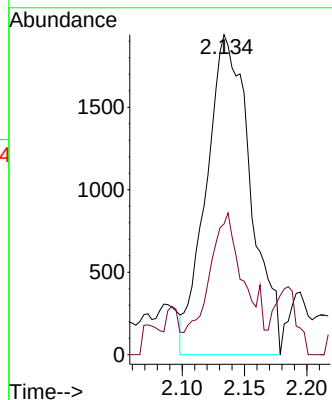
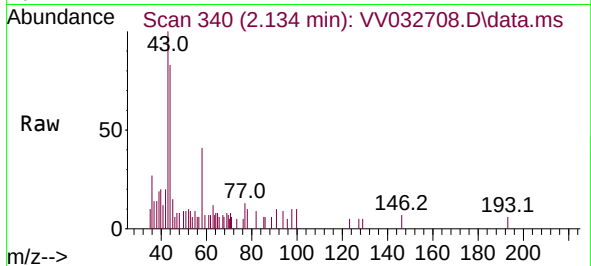




#13
Acetone
Concen: 2.101 ug/L
RT: 2.134 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

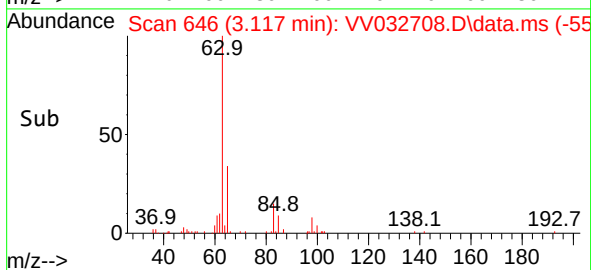
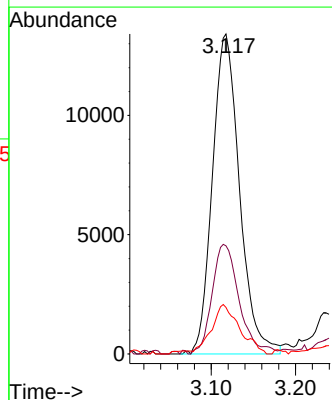
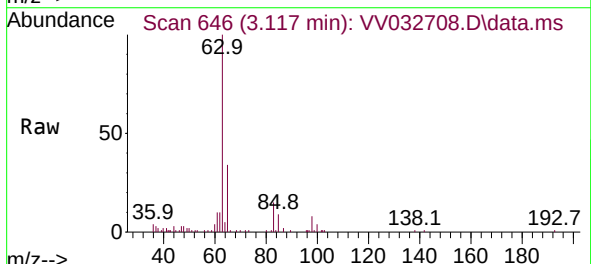
Instrument :
MSVOA_V
ClientSampleId :

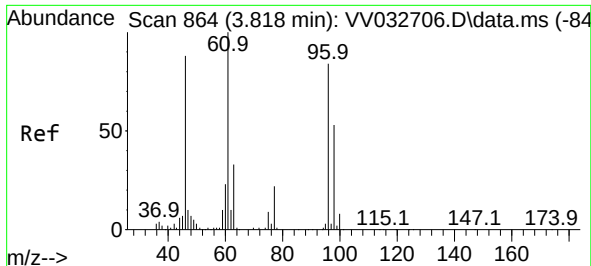
Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
58 32.4 0.0 50.6



#19
1,1-Dichloroethane
Concen: 1.470 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

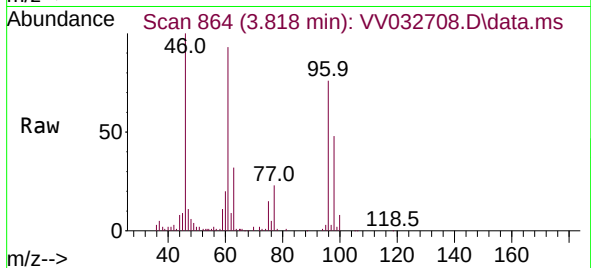
Tgt Ion: 63 Resp: 29987
Ion Ratio Lower Upper
63 100
65 33.8 21.5 39.9
83 14.6 9.2 17.0



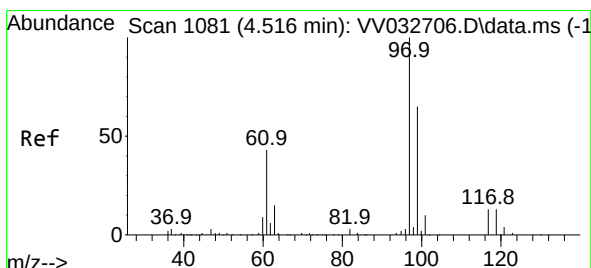
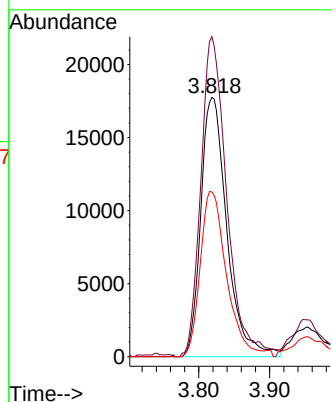
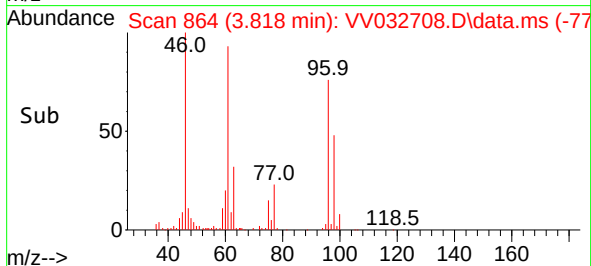


#22
 cis-1,2-Dichloroethene
 Concen: 3.896 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV032708.D
 Acq: 28 Oct 2023 01:25

Instrument :
 MSVOA_V
 ClientSampleId :

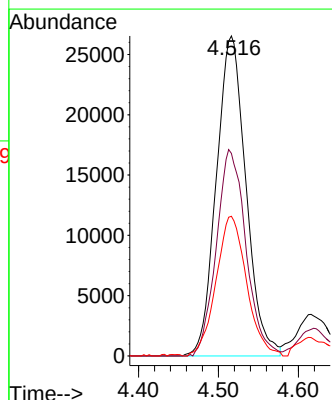
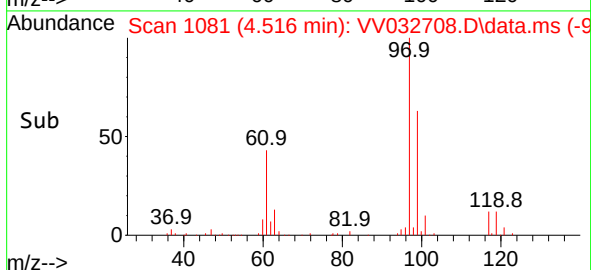
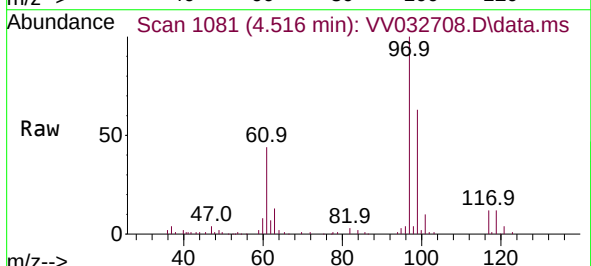


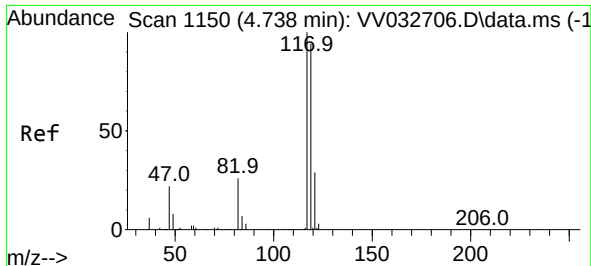
Tgt Ion: 96 Resp: 45456
 Ion Ratio Lower Upper
 96 100
 61 123.4 87.7 162.9
 98 63.6 45.0 83.6



#29
 1,1,1-Trichloroethane
 Concen: 3.561 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.000 min
 Lab File: VV032708.D
 Acq: 28 Oct 2023 01:25

Tgt Ion: 97 Resp: 68197
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.4 77.0
 61 45.0 36.1 54.1

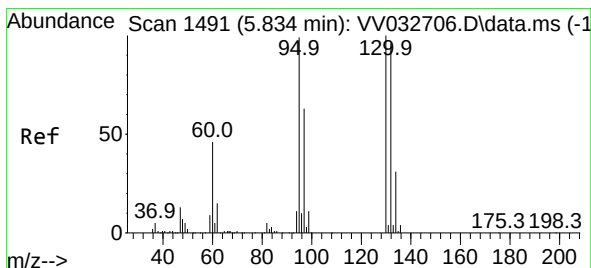
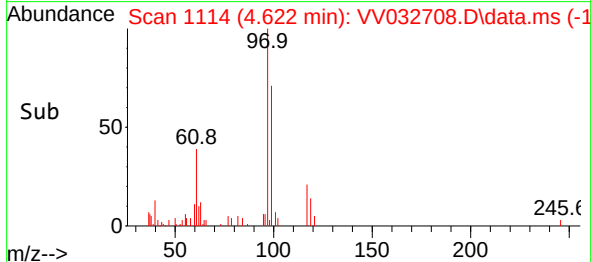
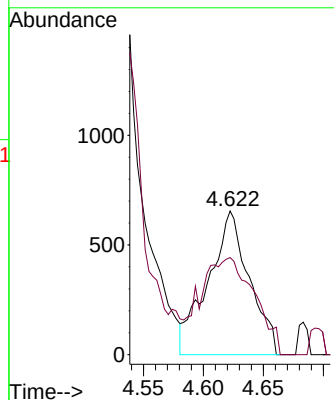
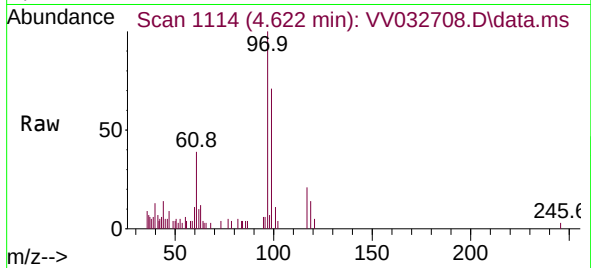




#31
Carbon tetrachloride
Concen: 0.093 ug/L
RT: 4.622 min Scan# 1153
Delta R.T. -0.116 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

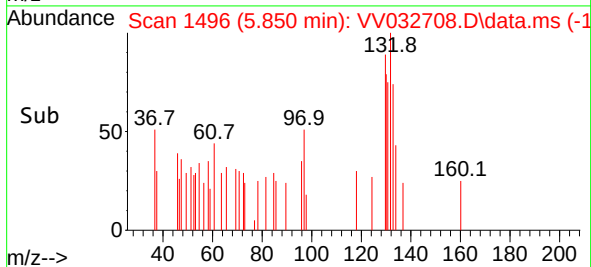
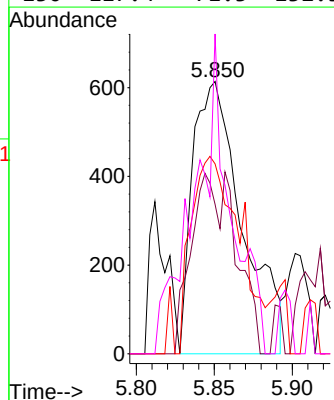
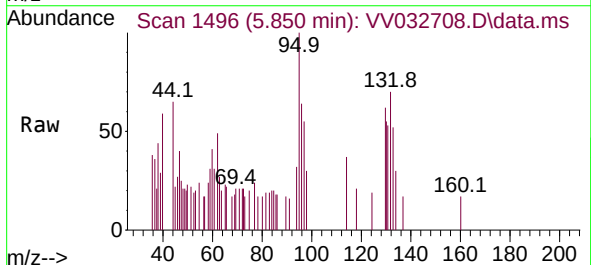
Instrument :
MSVOA_V
ClientSampleId :

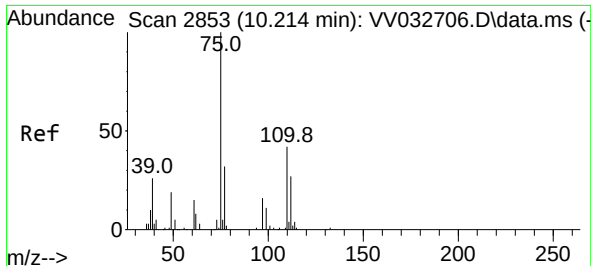
Tgt Ion:117 Resp: 1553
Ion Ratio Lower Upper
117 100
119 88.9 77.8 116.6



#34
Trichloroethene
Concen: 0.109 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.016 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

Tgt Ion: 95 Resp: 1357
Ion Ratio Lower Upper
95 100
97 54.9 44.0 81.8
132 69.7 66.9 124.3
130 117.4 71.3 132.3

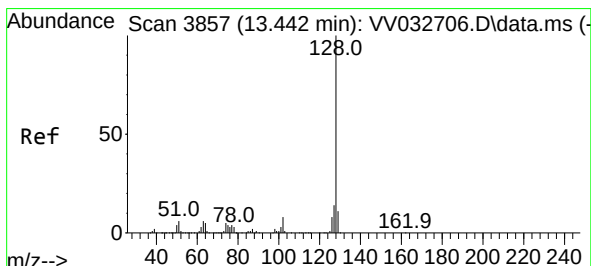
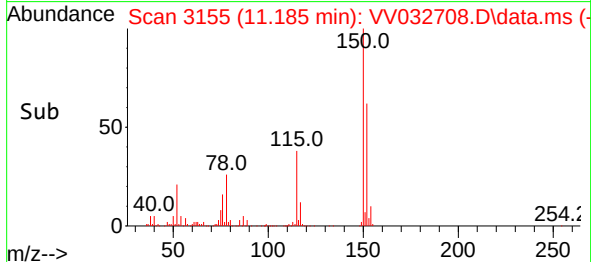
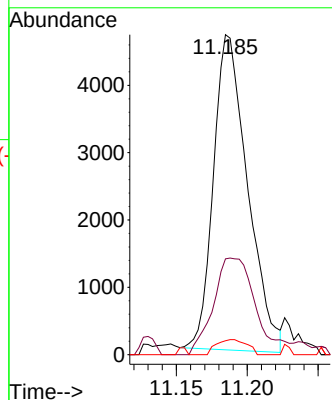
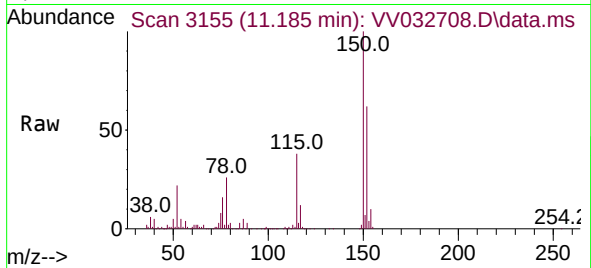




#61
1,2,3-Trichloropropane
Concen: 1.151 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.971 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7843
Ion Ratio Lower Upper
75 100
77 37.8 24.5 36.7#
110 4.3 32.3 48.5#



#71
Naphthalene
Concen: 0.107 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV032708.D
Acq: 28 Oct 2023 01:25

Tgt Ion:128 Resp: 2415
Ion Ratio Lower Upper
128 100
129 14.6 8.6 12.8#
127 19.6 10.4 15.6#

