

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033596.D
 Acq On : 12 Jan 2024 15:33
 Operator : SY/MD
 Sample : P1108-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX6

Quant Time: Jan 12 23:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

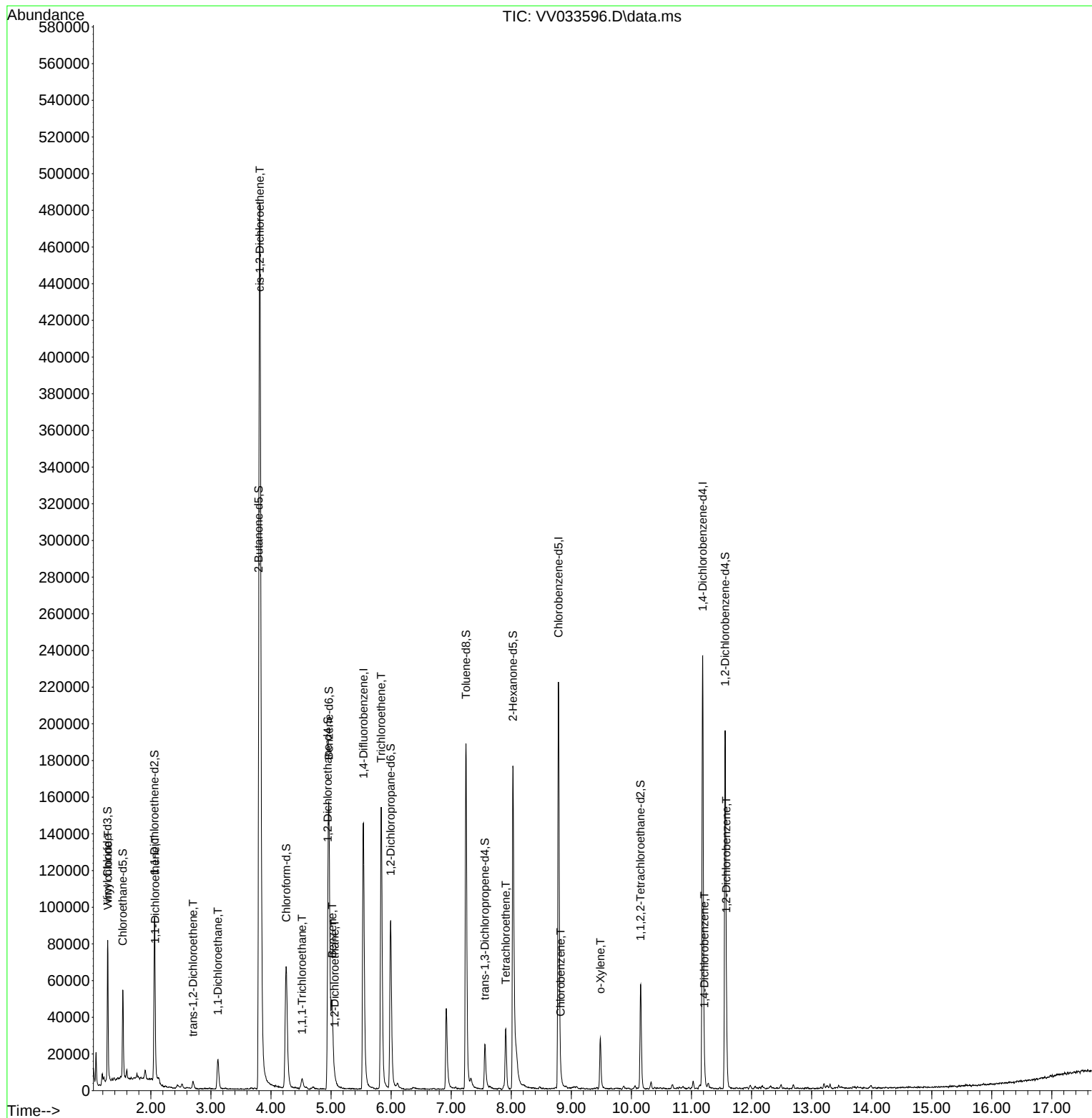
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	119372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33878	4.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.532	69	30739	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.060	65	15649	4.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.796	46	85794	50.464	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.920%
24) Chloroform-d	4.253	84	72589	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	35843	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.963	84	142595	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.992	67	46734	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.246	98	125539	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.561	79	15988	4.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.027	63	65560	50.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	29272	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	45863	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
5) Vinyl chloride	1.285	62	15598	1.179	ug/L	95
12) 1,1-Dichloroethene	2.073	96	1439	0.161	ug/L #	1
18) trans-1,2-Dichloroethene	2.703	96	1151	0.114	ug/L	85
19) 1,1-Dichloroethane	3.118	63	17875	0.888	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	243381	22.956	ug/L	98
27) 1,2-Dichloroethane	5.060	62	3321	0.316	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	4493	0.265	ug/L #	90
33) Benzene	5.018	78	48651	1.148	ug/L	100
34) Trichloroethene	5.835	95	55905	4.955	ug/L	97
47) Tetrachloroethene	7.908	164	7884	0.973	ug/L	91
51) Chlorobenzene	8.822	112	2434	0.089	ug/L #	84
54) o-Xylene	9.484	106	7594	0.408	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	2680	0.132	ug/L #	85
67) 1,2-Dichlorobenzene	11.580	146	11275	0.627	ug/L	97

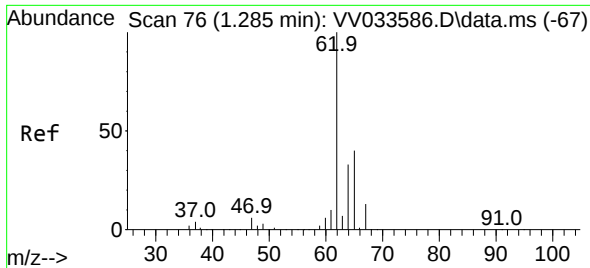
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033596.D
Acq On : 12 Jan 2024 15:33
Operator : SY/MD
Sample : P1108-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COAX6

Quant Time: Jan 12 23:44:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:30:52 2024
Response via : Initial Calibration

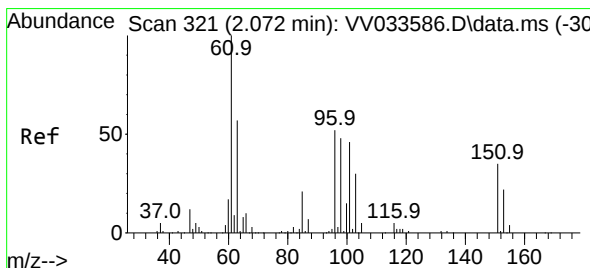
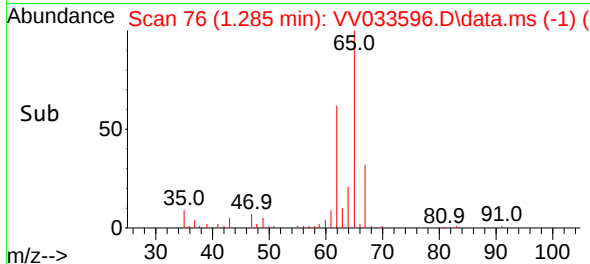
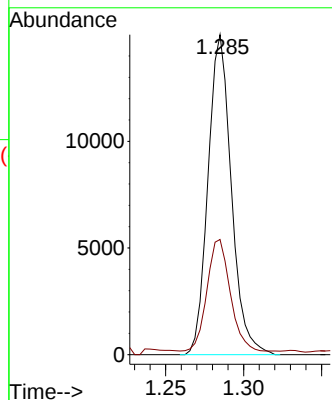
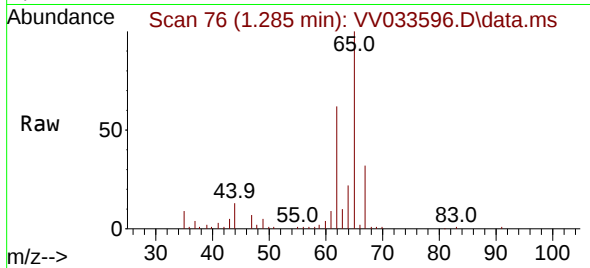




#5
 Vinyl chloride
 Concen: 1.179 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033596.D
 Acq: 12 Jan 2024 15:33

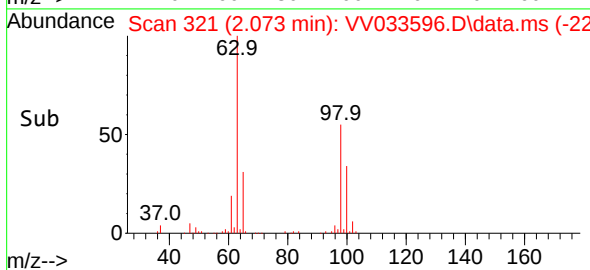
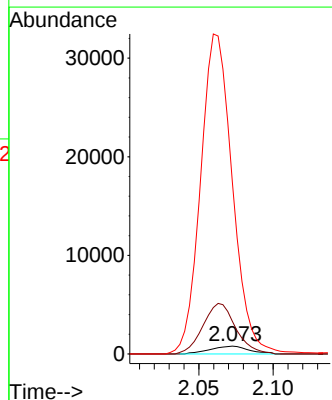
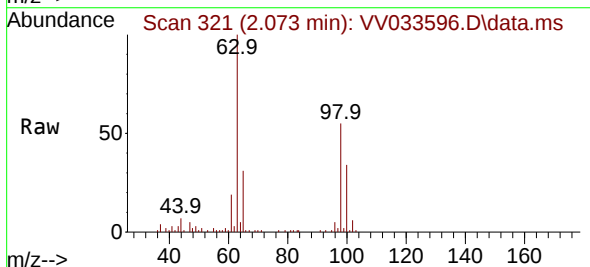
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX6

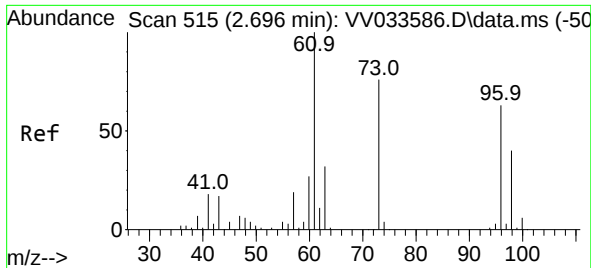
Tgt Ion: 62 Resp: 15598
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 0.161 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033596.D
 Acq: 12 Jan 2024 15:33

Tgt Ion: 96 Resp: 1439
 Ion Ratio Lower Upper
 96 100
 61 419.3 133.8 248.4#
 63 2209.4 77.2 143.4#

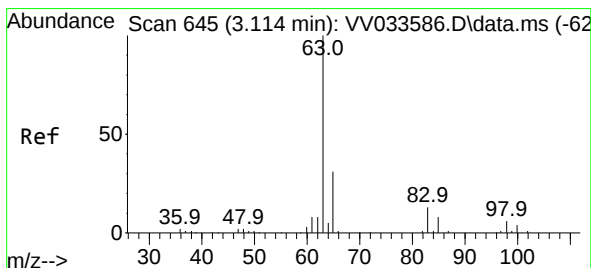
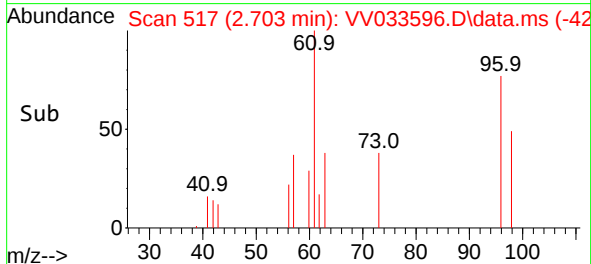
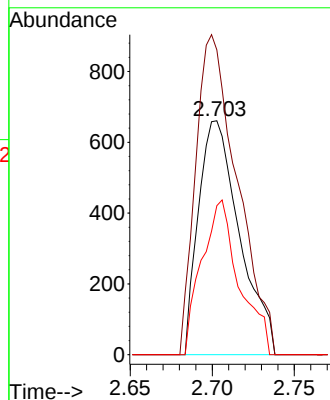
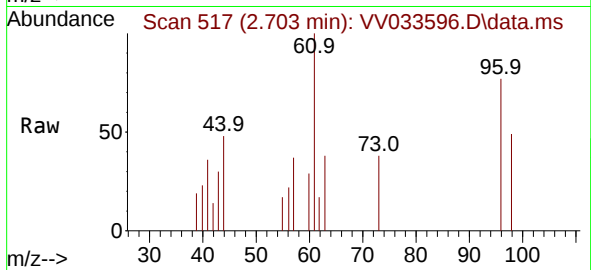




#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 2.703 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV033596.D
Acq: 12 Jan 2024 15:33

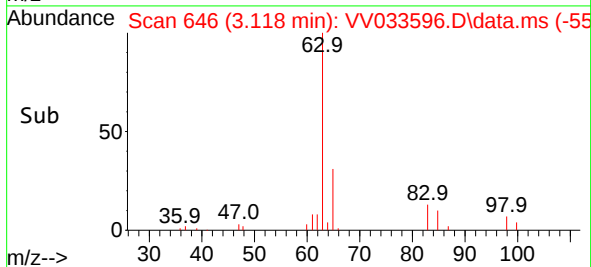
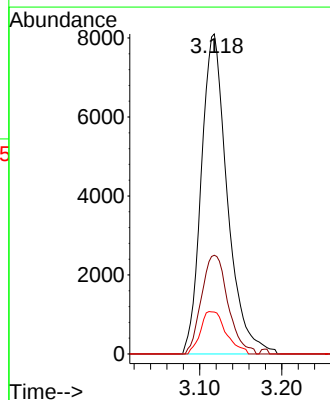
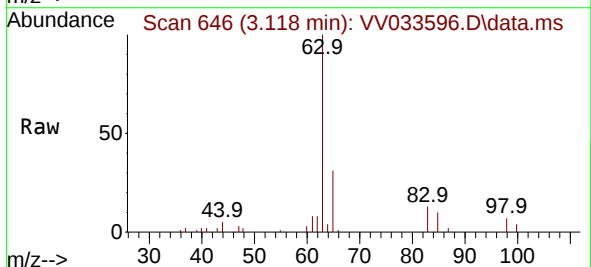
Instrument :
MSVOA_V
ClientSampleId :
C0AX6

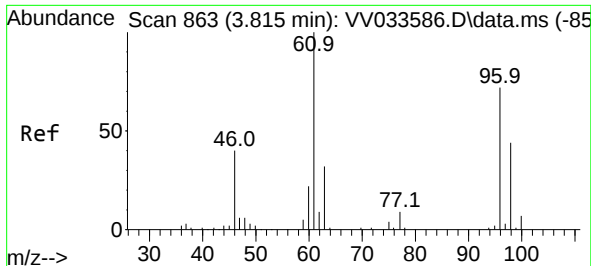
Tgt Ion: 96 Resp: 1151
Ion Ratio Lower Upper
96 100
61 130.3 110.4 205.0
98 63.7 44.1 81.9



#19
1,1-Dichloroethane
Concen: 0.888 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV033596.D
Acq: 12 Jan 2024 15:33

Tgt Ion: 63 Resp: 17875
Ion Ratio Lower Upper
63 100
65 30.8 21.6 40.2
83 13.1 9.1 16.9



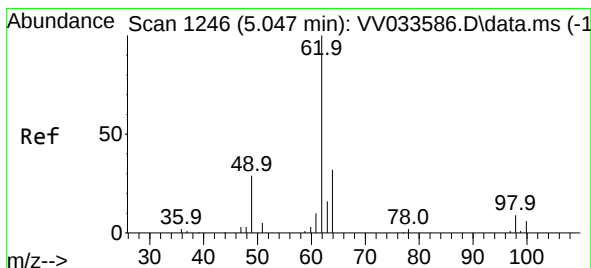
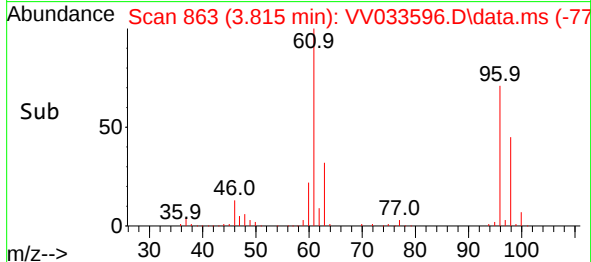
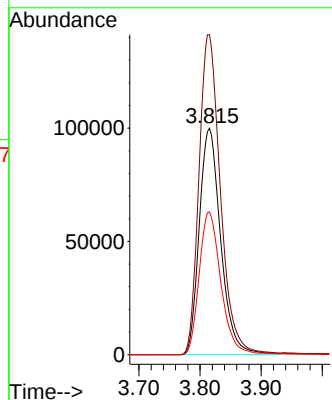
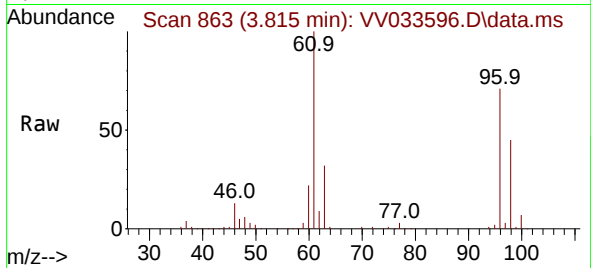


#22
 cis-1,2-Dichloroethene
 Concen: 22.956 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033596.D
 Acq: 12 Jan 2024 15:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX6

Tgt Ion: 96 Resp: 243381

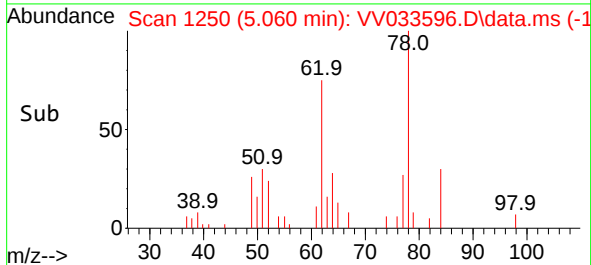
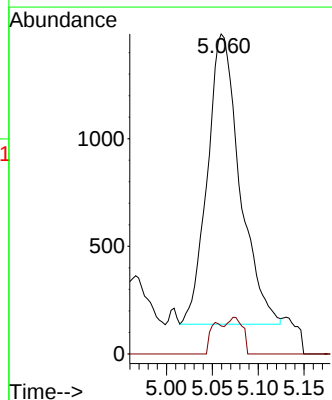
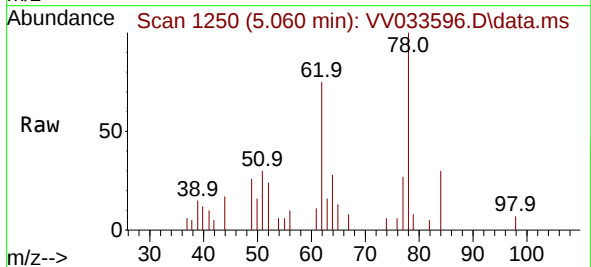
Ion	Ratio	Lower	Upper
96	100		
61	141.4	97.1	180.3
98	63.1	42.6	79.0

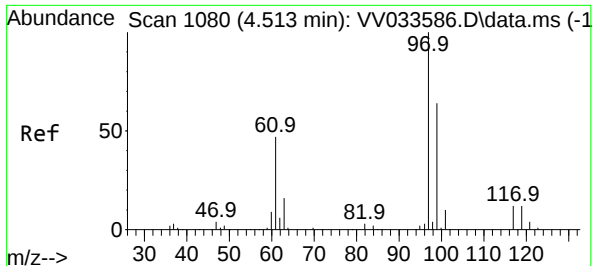


#27
 1,2-Dichloroethane
 Concen: 0.316 ug/L
 RT: 5.060 min Scan# 1250
 Delta R.T. 0.013 min
 Lab File: VV033596.D
 Acq: 12 Jan 2024 15:33

Tgt Ion: 62 Resp: 3321

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.0	10.6





#29

1,1,1-Trichloroethane

Concen: 0.265 ug/L

RT: 4.516 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :

C0AX6

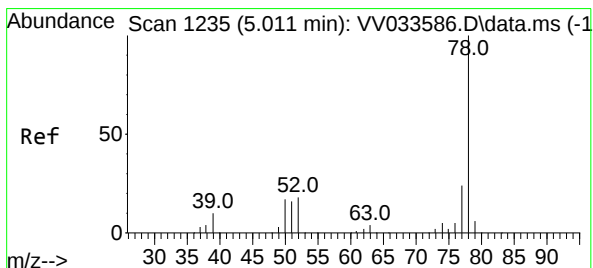
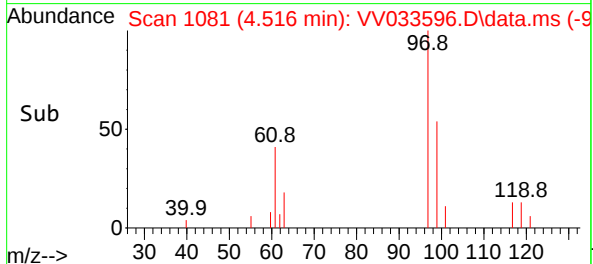
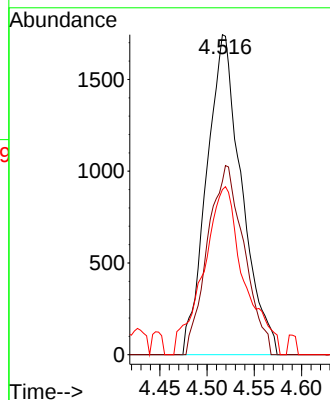
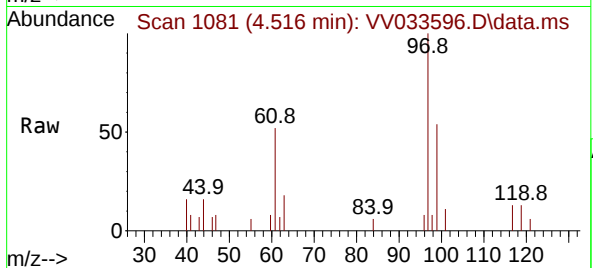
Tgt Ion: 97 Resp: 4493

Ion Ratio Lower Upper

97 100

99 61.7 50.8 76.2

61 60.6 38.1 57.1#



#33

Benzene

Concen: 1.148 ug/L

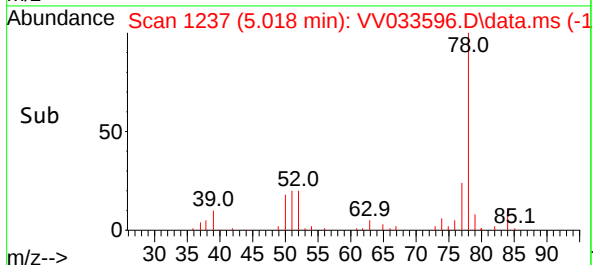
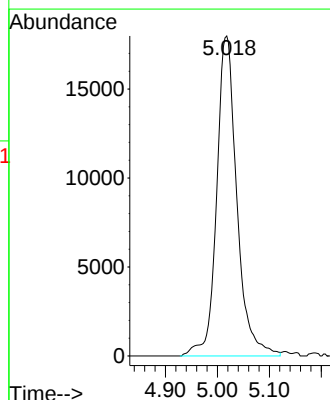
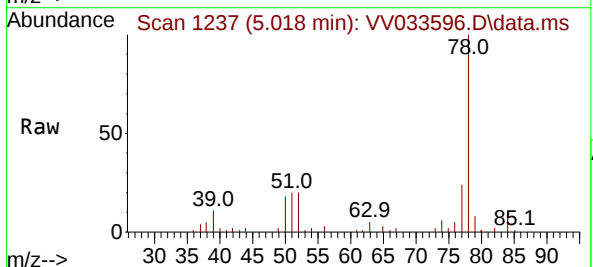
RT: 5.018 min Scan# 1237

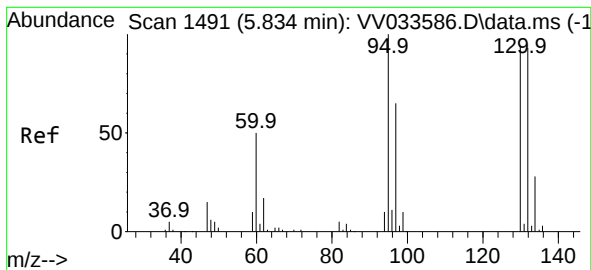
Delta R.T. 0.007 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Tgt Ion: 78 Resp: 48651





#34

Trichloroethene

Concen: 4.955 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :

C0AX6

Tgt Ion: 95 Resp: 55905

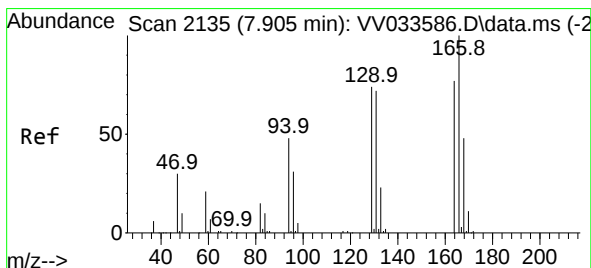
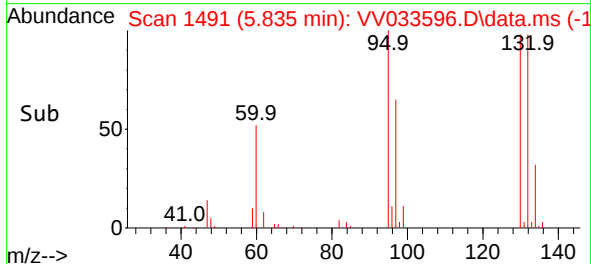
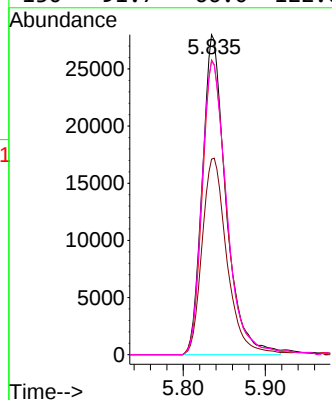
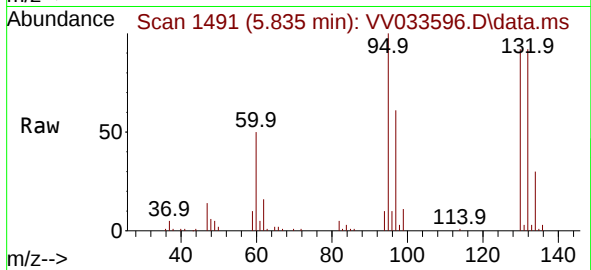
Ion Ratio Lower Upper

95 100

97 61.1 45.1 83.9

132 92.1 65.2 121.2

130 91.7 66.0 122.6



#47

Tetrachloroethene

Concen: 0.973 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Tgt Ion:164 Resp: 7884

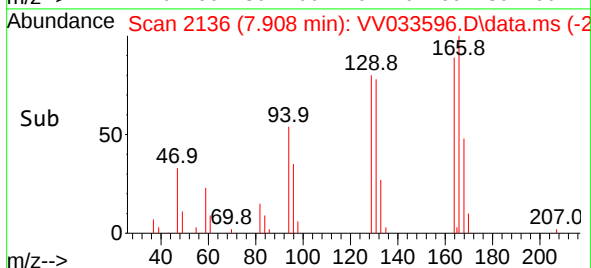
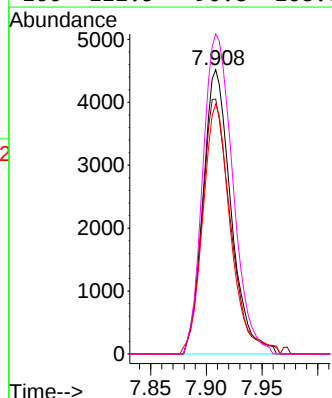
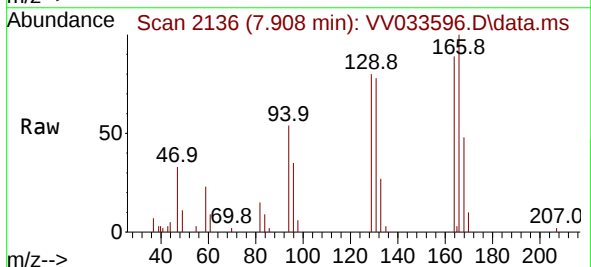
Ion Ratio Lower Upper

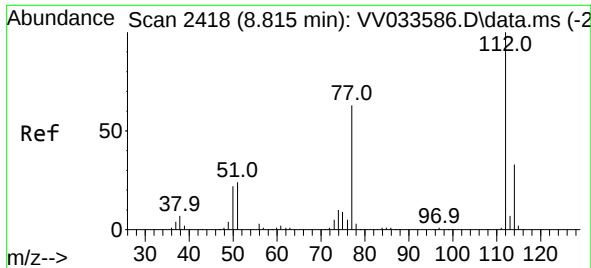
164 100

129 89.7 67.1 124.7

131 87.9 65.0 120.6

166 112.5 90.8 168.6

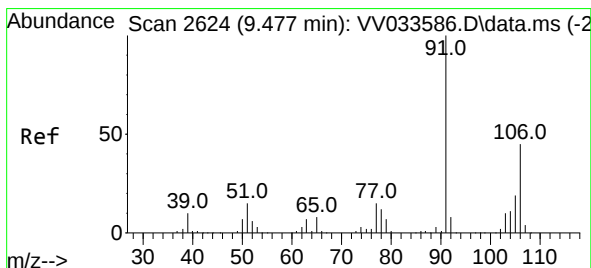
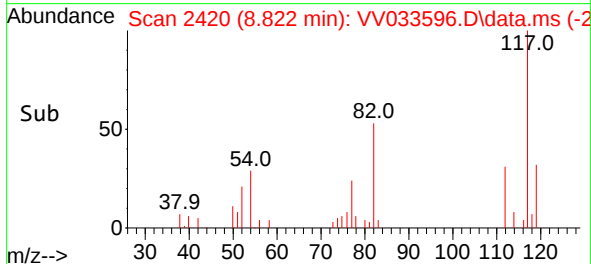
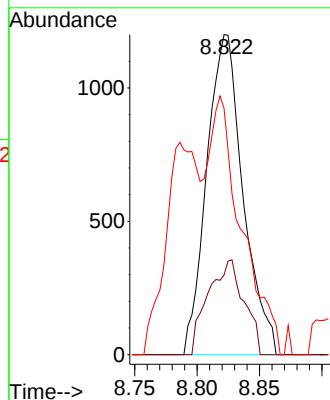
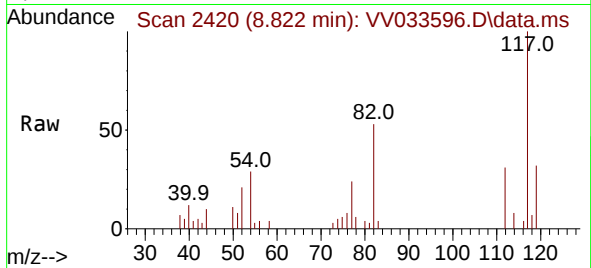




#51
Chlorobenzene
Concen: 0.089 ug/L
RT: 8.822 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV033596.D
Acq: 12 Jan 2024 15:33

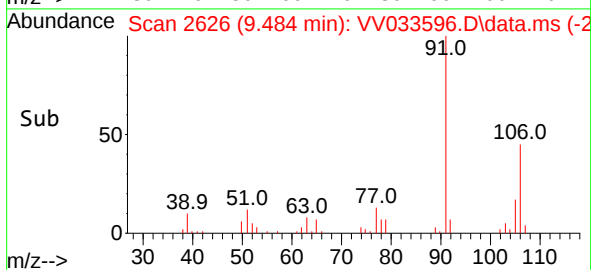
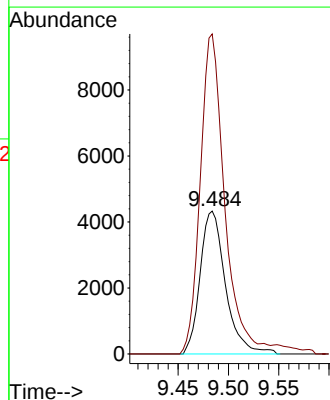
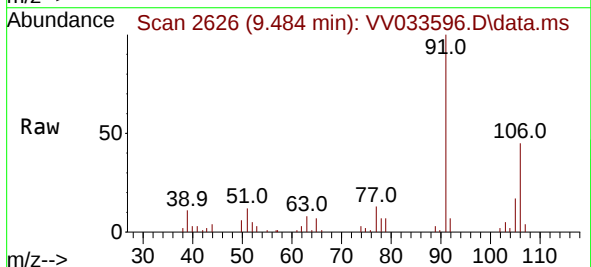
Instrument :
MSVOA_V
ClientSampleId :
C0AX6

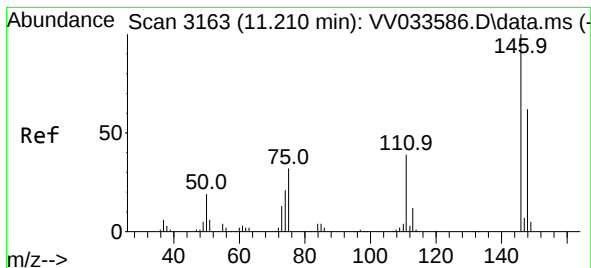
Tgt Ion:112 Resp: 2434
Ion Ratio Lower Upper
112 100
114 24.9 22.9 42.5
77 77.0 50.8 76.2#



#54
o-Xylene
Concen: 0.408 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV033596.D
Acq: 12 Jan 2024 15:33

Tgt Ion:106 Resp: 7594
Ion Ratio Lower Upper
106 100
91 224.0 156.0 289.6





#65

1,4-Dichlorobenzene

Concen: 0.132 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Instrument :

MSVOA_V

ClientSampleId :

C0AX6

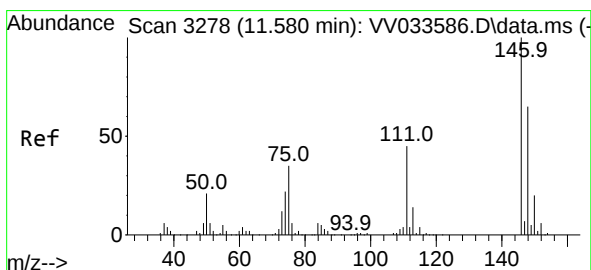
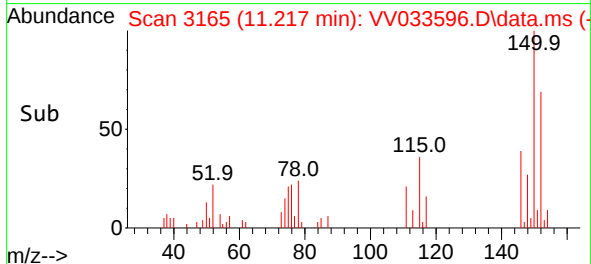
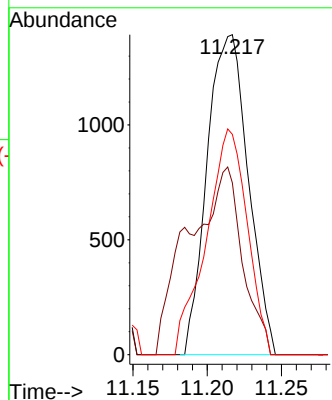
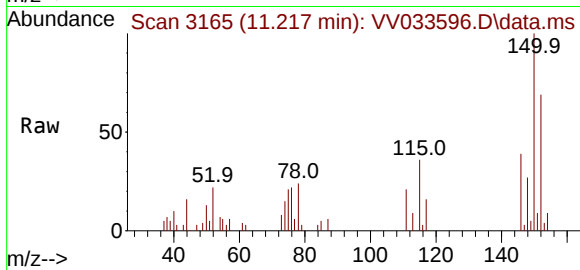
Tgt Ion:146 Resp: 2680

Ion Ratio Lower Upper

146 100

111 53.7 27.5 51.1#

148 68.8 43.3 80.5



#67

1,2-Dichlorobenzene

Concen: 0.627 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033596.D

Acq: 12 Jan 2024 15:33

Tgt Ion:146 Resp: 11275

Ion Ratio Lower Upper

146 100

111 43.4 36.1 54.1

148 67.5 52.2 78.2

