

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
 Data File : VV033688.D
 Acq On : 16 Jan 2024 22:34
 Operator : SY/MD
 Sample : P1120-14DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

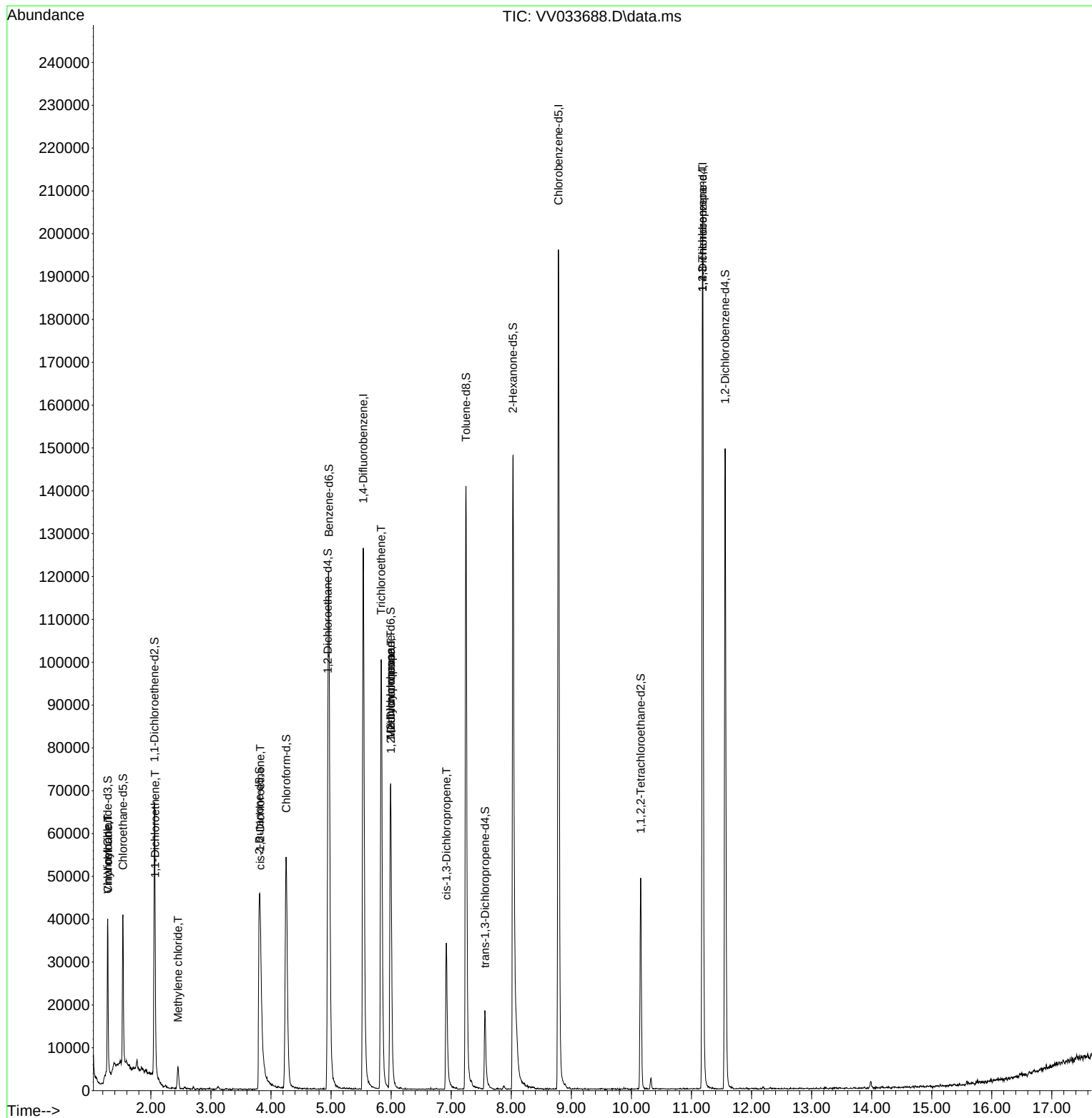
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111566	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	103739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20561	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.535	69	21458	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.060	65	10983	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.805	46	70775	47.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.900%
24) Chloroform-d	4.252	84	58596	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	29754	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	107754	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.992	67	35888	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	96010	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.564	79	12425	4.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.027	63	55455	48.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24340	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	38563	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
5) Vinyl chloride	1.285	62	2475	0.213	ug/L #	35
8) Chloroethane	1.285	64	1585	0.225	ug/L	85
12) 1,1-Dichloroethene	2.072	96	1207	0.153	ug/L #	1
16) Methylene chloride	2.452	84	2050	0.221	ug/L	92
22) cis-1,2-Dichloroethene	3.821	96	7972	0.857	ug/L	92
34) Trichloroethene	5.834	95	38151	3.891	ug/L	96
35) Methylcyclohexane	5.992	83	8149	0.491	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	4115	0.450	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	907	0.069	ug/L #	81
61) 1,2,3-Trichloropropane	11.185	75	6848	1.612	ug/L #	67

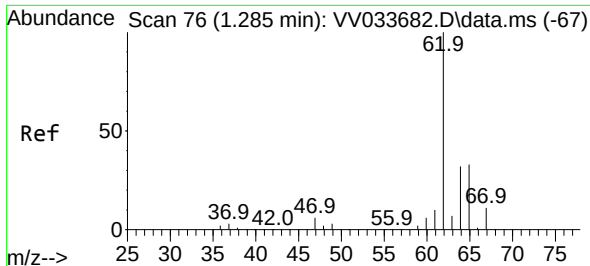
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033688.D
Acq On : 16 Jan 2024 22:34
Operator : SY/MD
Sample : P1120-14DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 17 03:30:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration

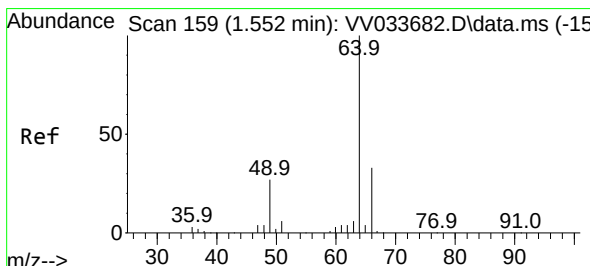
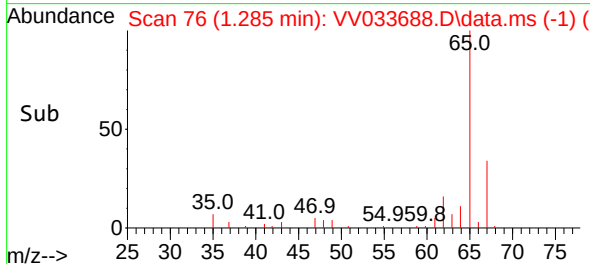
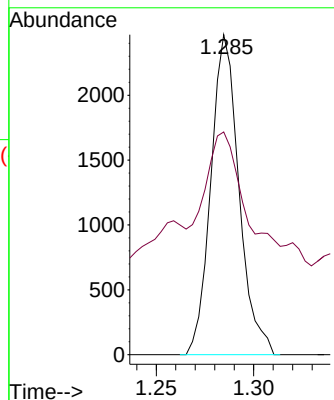
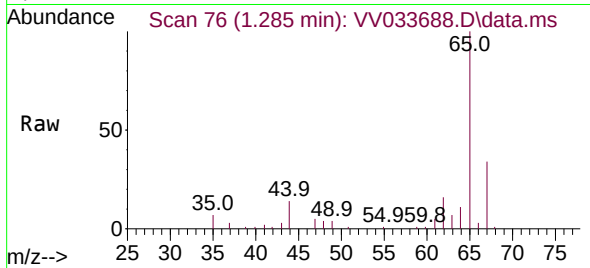




#5
 Vinyl chloride
 Concen: 0.213 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033688.D
 Acq: 16 Jan 2024 22:34

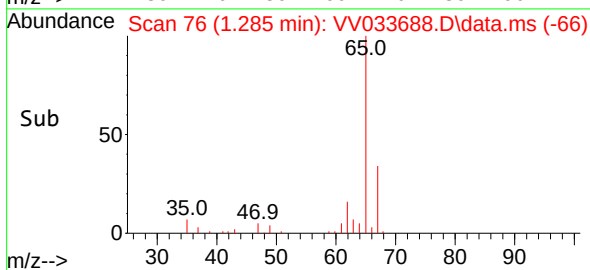
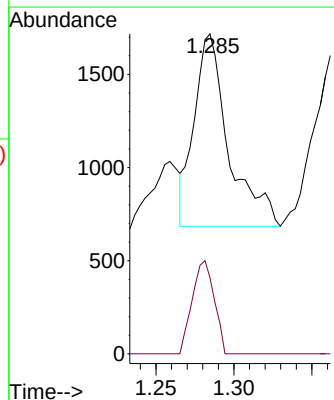
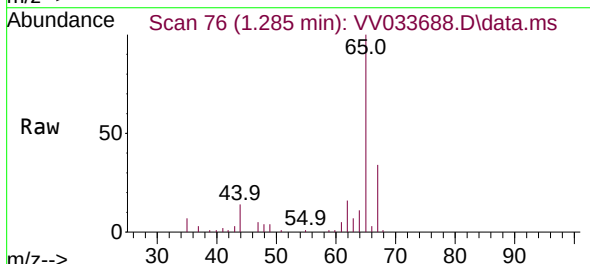
Instrument :
 MSVOA_V
 ClientSampleId :

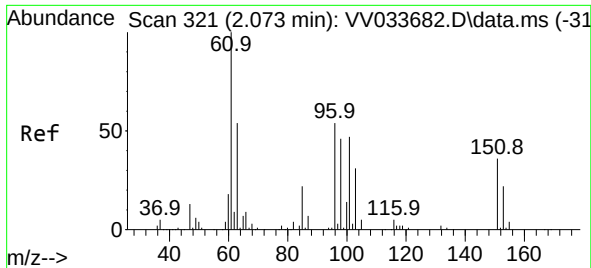
Tgt Ion: 62 Resp: 2475
 Ion Ratio Lower Upper
 62 100
 64 69.6 23.0 42.8#



#8
 Chloroethane
 Concen: 0.225 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.267 min
 Lab File: VV033688.D
 Acq: 16 Jan 2024 22:34

Tgt Ion: 64 Resp: 1585
 Ion Ratio Lower Upper
 64 100
 66 23.8 22.6 42.0

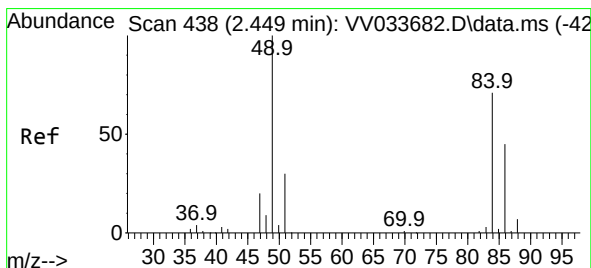
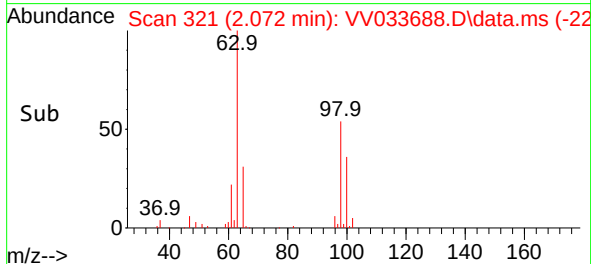
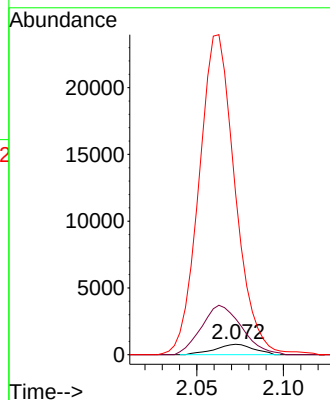
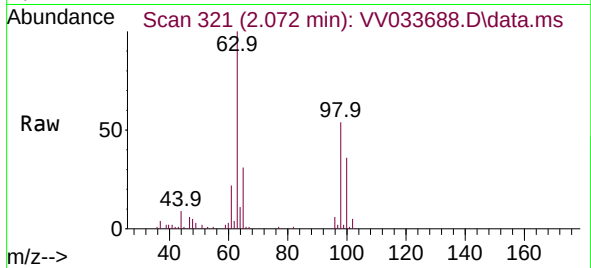




#12
1,1-Dichloroethene
Concen: 0.153 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

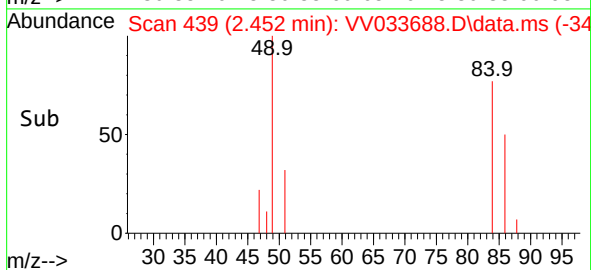
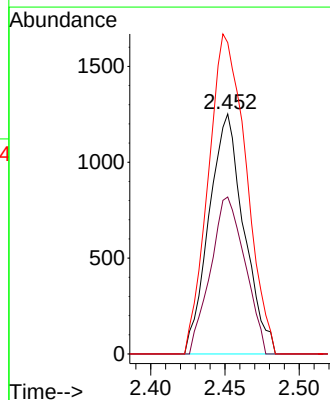
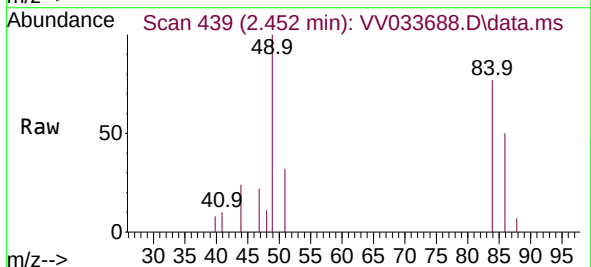
Instrument :
MSVOA_V
ClientSampleId :

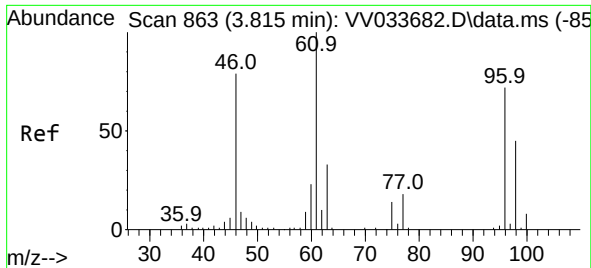
Tgt Ion: 96 Resp: 1207
Ion Ratio Lower Upper
96 100
61 347.6 133.8 248.4#
63 1557.5 77.2 143.4#



#16
Methylene chloride
Concen: 0.221 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

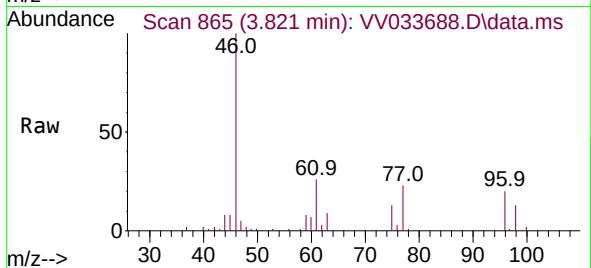
Tgt Ion: 84 Resp: 2050
Ion Ratio Lower Upper
84 100
86 65.4 45.5 84.5
49 129.7 100.3 186.3



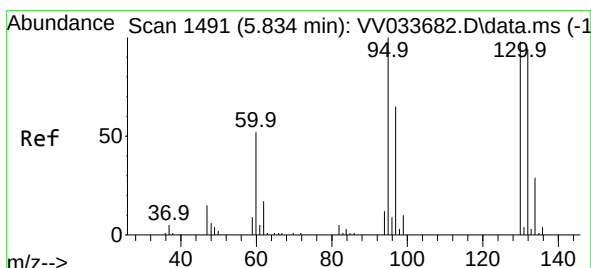
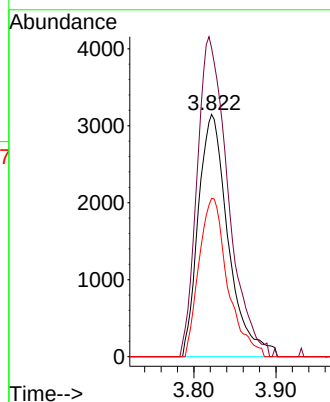
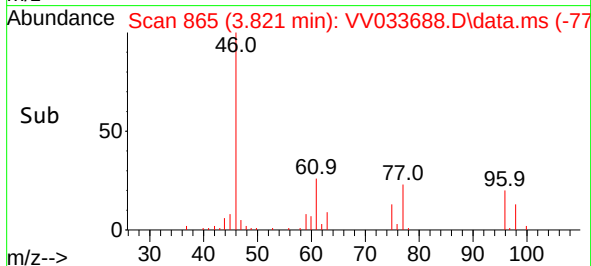


#22
cis-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

Instrument :
MSVOA_V
ClientSampleId :

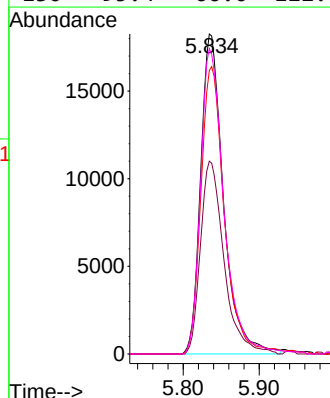
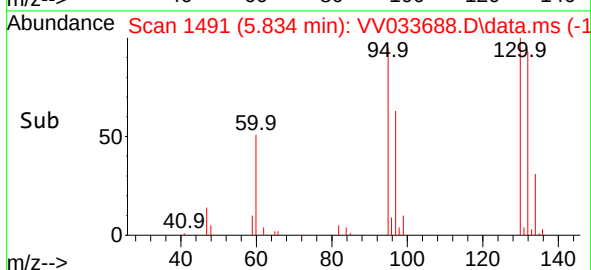
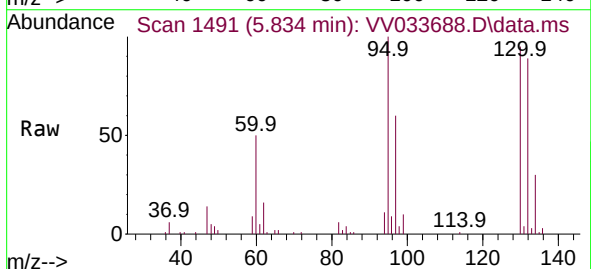


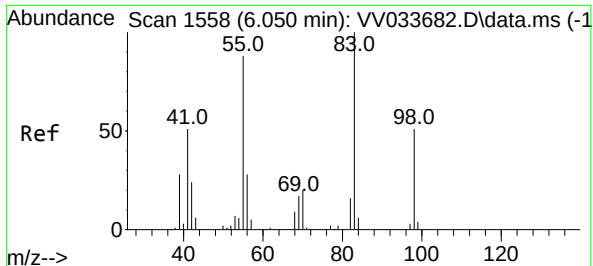
Tgt Ion: 96 Resp: 7972
Ion Ratio Lower Upper
96 100
61 127.5 97.1 180.3
98 65.4 42.6 79.0



#34
Trichloroethene
Concen: 3.891 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

Tgt Ion: 95 Resp: 38151
Ion Ratio Lower Upper
95 100
97 60.2 45.1 83.9
132 88.6 65.2 121.2
130 95.4 66.0 122.6

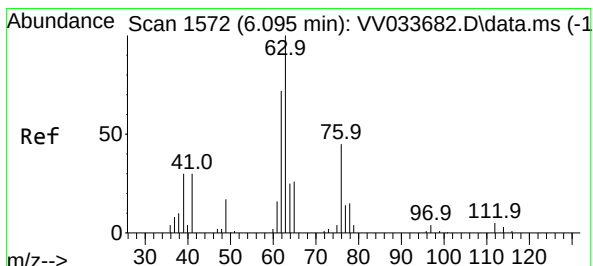
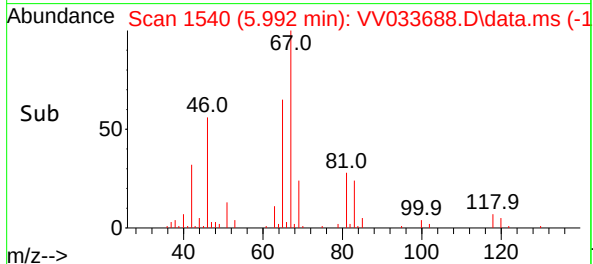
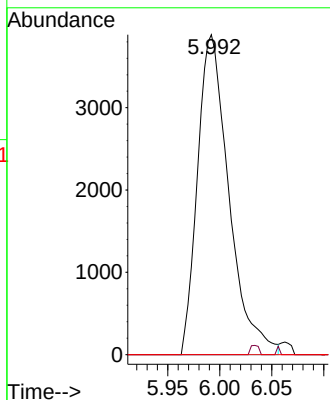
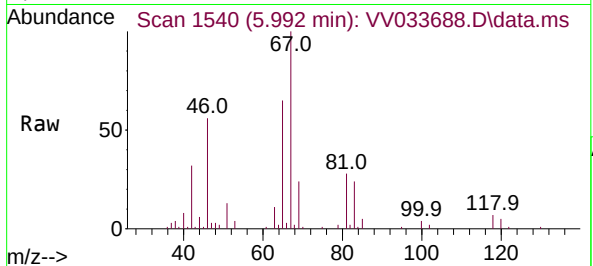




#35
Methylcyclohexane
Concen: 0.491 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

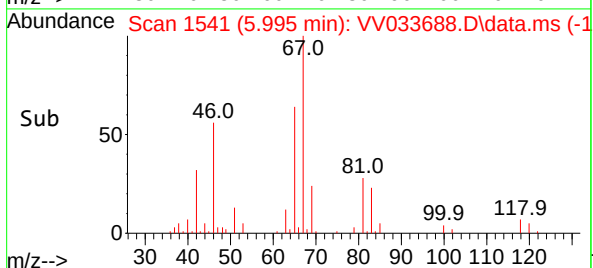
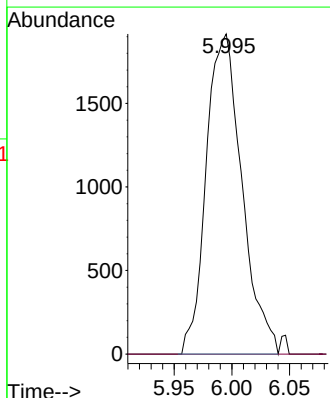
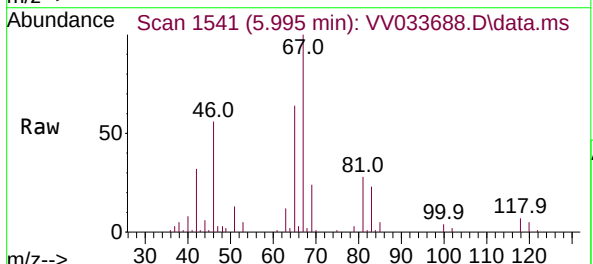
Instrument :
MSVOA_V
ClientSampleId :

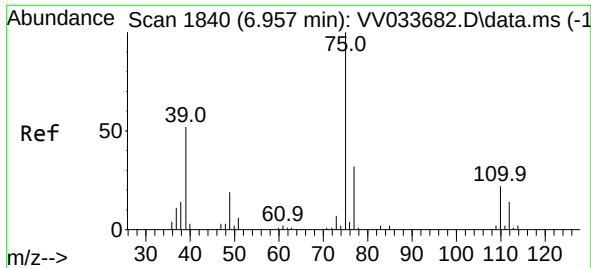
Tgt Ion: 83 Resp: 8149
Ion Ratio Lower Upper
83 100
55 0.8 68.7 103.1#
98 0.6 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.100 min
Lab File: VV033688.D
Acq: 16 Jan 2024 22:34

Tgt Ion: 63 Resp: 4115
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV033688.D

Acq: 16 Jan 2024 22:34

Instrument :

MSVOA_V

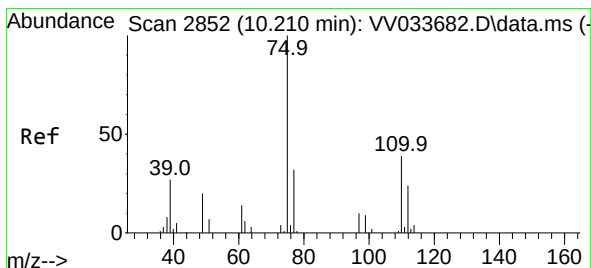
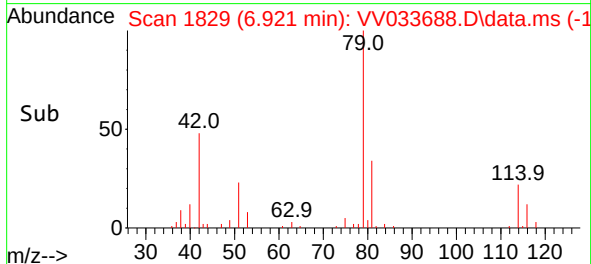
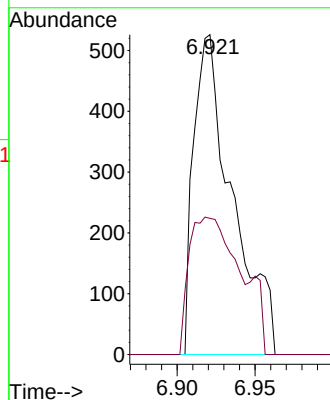
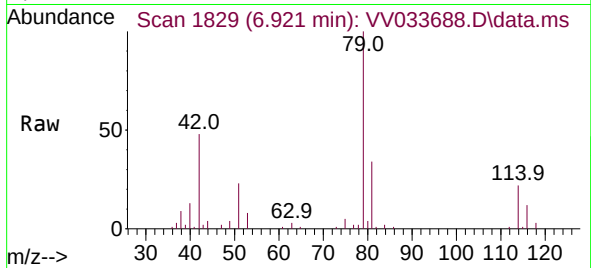
ClientSampleId :

Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

77 42.6 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.612 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033688.D

Acq: 16 Jan 2024 22:34

Tgt Ion: 75 Resp: 6848

Ion Ratio Lower Upper

75 100

77 34.0 24.7 37.1

110 2.1 28.0 42.0#

