

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033691.D
 Acq On : 16 Jan 2024 23:45
 Operator : SY/MD
 Sample : P1120-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

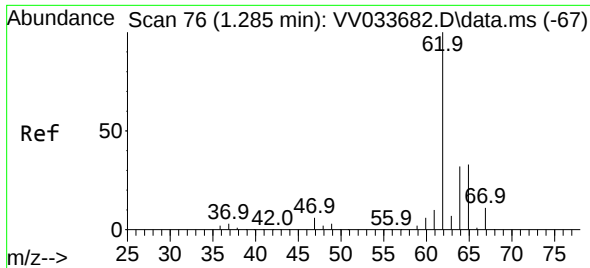
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:31:51 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	111139	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	102225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19834	3.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.536	69	21034	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.063	65	10302	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.802	46	67731	45.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	4.252	84	56280	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.947	65	27129	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.963	84	104686	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.989	67	34528	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.246	98	90857	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.561	79	11608	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.027	63	50262	45.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	23288	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	36388	4.423	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	8466	0.732	ug/L	91
8) Chloroethane	1.545	64	1130	0.161	ug/L #	62
12) 1,1-Dichloroethene	2.072	96	27357	3.492	ug/L	91
13) Acetone	2.134	43	5352	4.437	ug/L	86
15) Methyl Acetate	2.391	43	1023	0.355	ug/L #	56
16) Methylene chloride	2.452	84	2743	0.297	ug/L	80
18) trans-1,2-Dichloroethene	2.699	96	1255	0.142	ug/L #	70
19) 1,1-Dichloroethane	3.117	63	11788	0.670	ug/L	95
21) 2-Butanone	3.908	43	12799	7.644	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	50180	5.415	ug/L	98
34) Trichloroethene	5.838	95	19318	1.999	ug/L	93
35) Methylcyclohexane	5.992	83	8071	0.494	ug/L #	15
37) 1,2-Dichloropropane	6.117	63	510	0.057	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	941	0.073	ug/L #	79
61) 1,2,3-Trichloropropane	11.185	75	7007	1.631	ug/L #	68

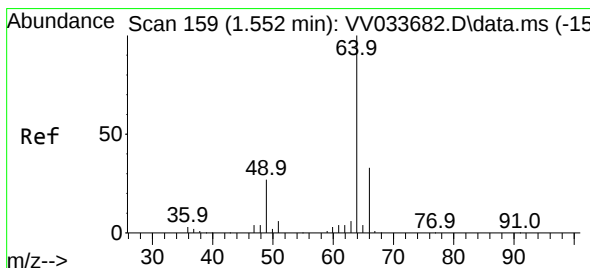
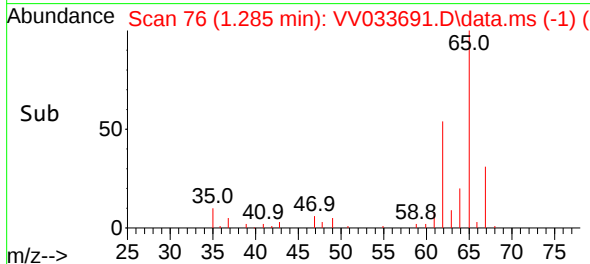
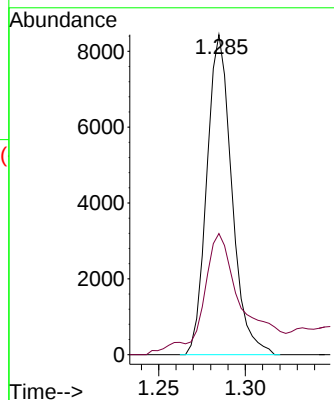
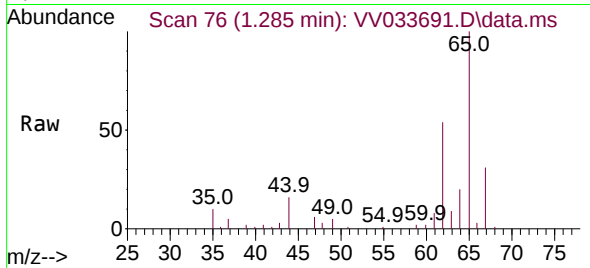
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Vinyl chloride
Concen: 0.732 ug/L
RT: 1.285 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

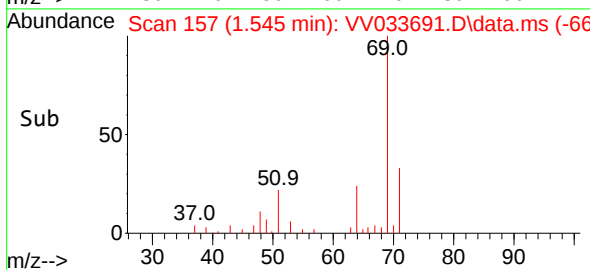
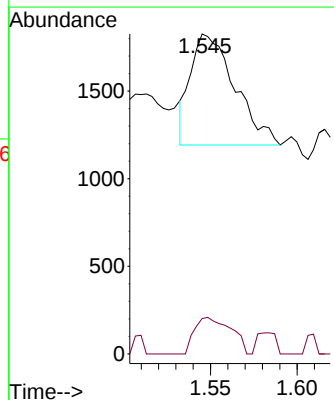
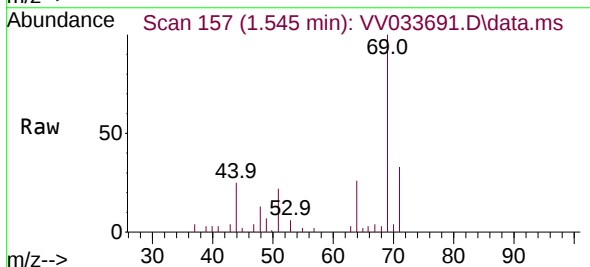
Instrument :
MSVOA_V
ClientSampleId :

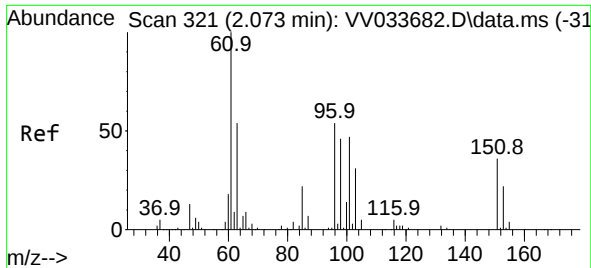
Tgt Ion: 62 Resp: 8466
Ion Ratio Lower Upper
62 100
64 37.8 23.0 42.8



#8
Chloroethane
Concen: 0.161 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.006 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

Tgt Ion: 64 Resp: 1130
Ion Ratio Lower Upper
64 100
66 11.1 22.6 42.0#

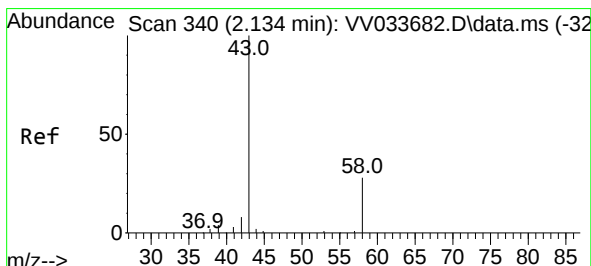
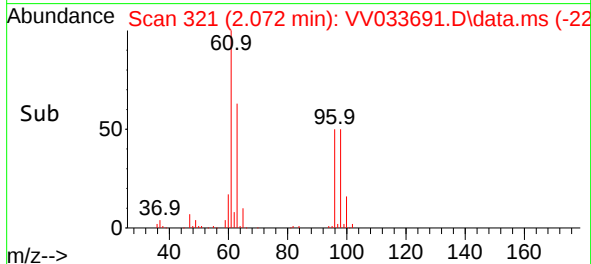
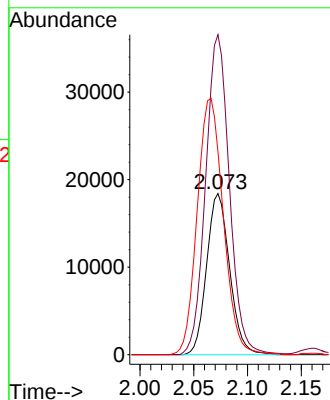
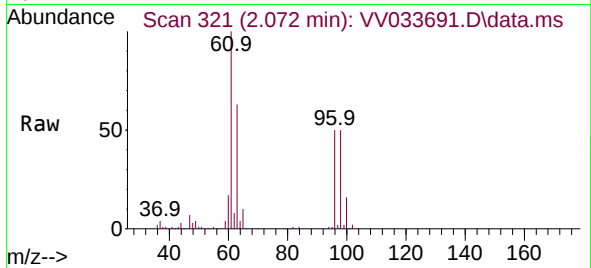




#12
1,1-Dichloroethene
Concen: 3.492 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

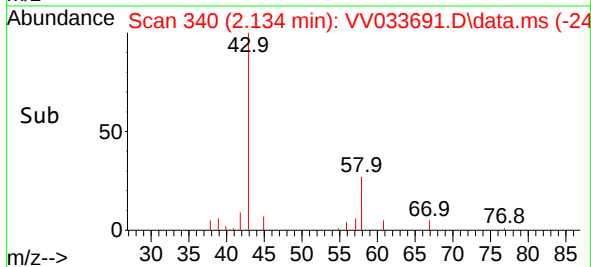
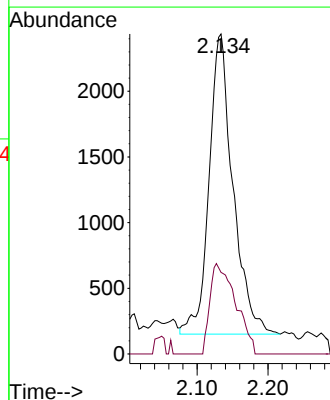
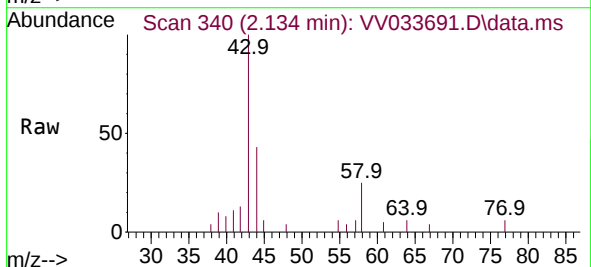
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MSVOA_V
ClientSampleId :

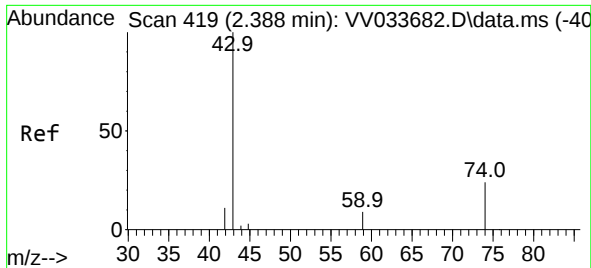
Tgt Ion: 96 Resp: 27357
Ion Ratio Lower Upper
96 100
61 198.7 133.8 248.4
63 126.0 77.2 143.4



#13
Acetone
Concen: 4.437 ug/L
RT: 2.134 min Scan# 340
Delta R.T. -0.000 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

Tgt Ion: 43 Resp: 5352
Ion Ratio Lower Upper
43 100
58 32.4 0.0 51.0

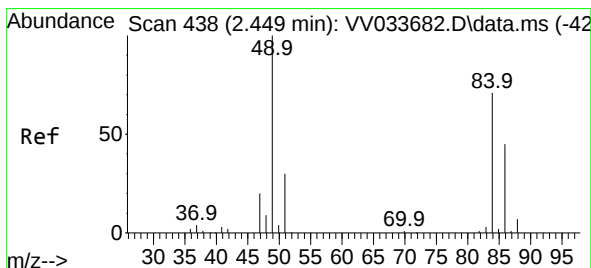
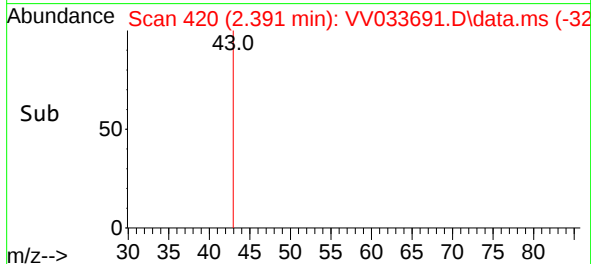
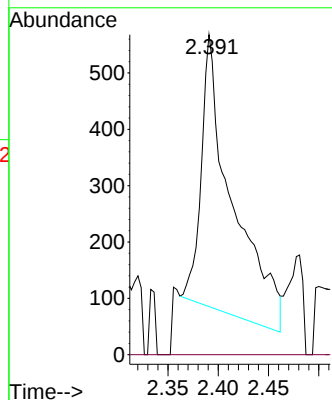
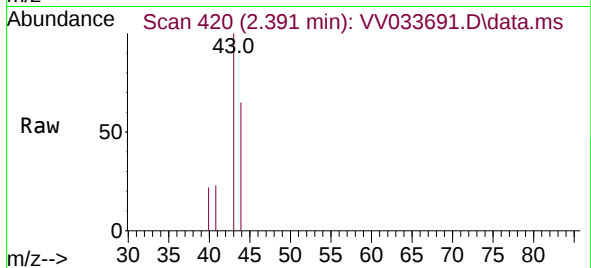




#15
Methyl Acetate
Concen: 0.355 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

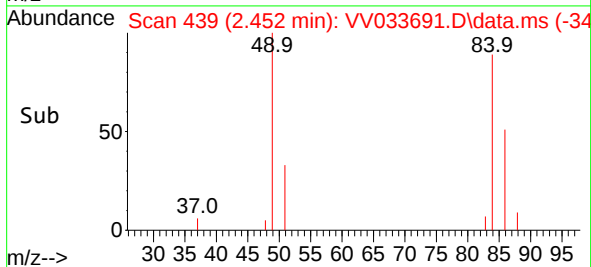
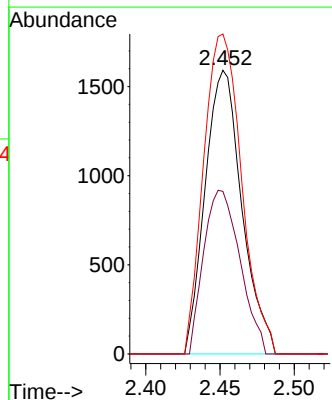
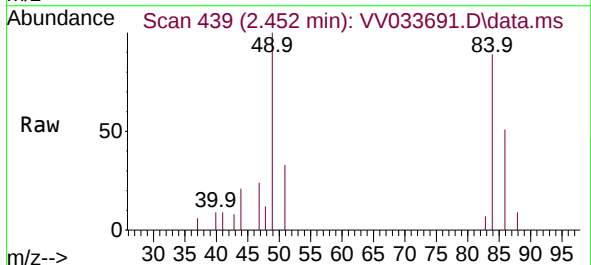
Instrument :
MSVOA_V
ClientSampleId :

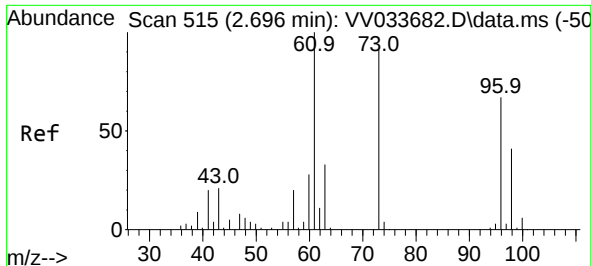
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#16
Methylene chloride
Concen: 0.297 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

Tgt Ion: 84 Resp: 2743
Ion Ratio Lower Upper
84 100
86 57.3 45.5 84.5
49 112.8 100.3 186.3

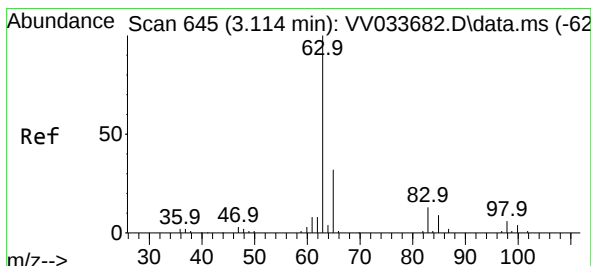
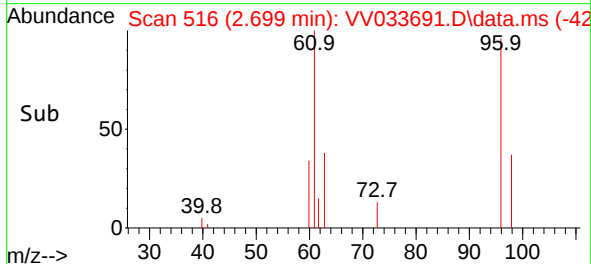
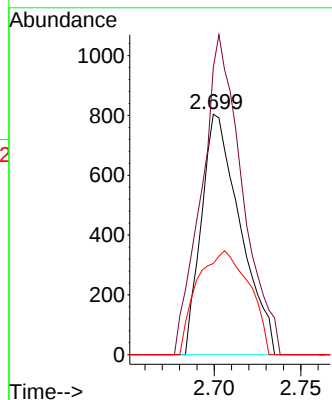
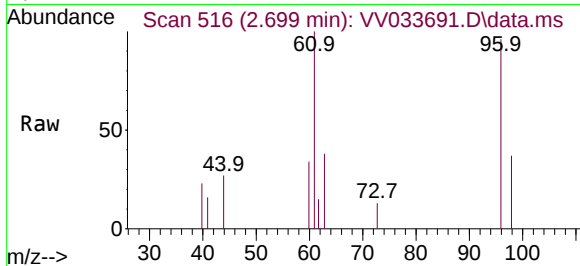




#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

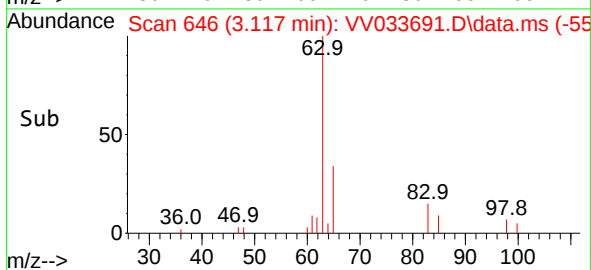
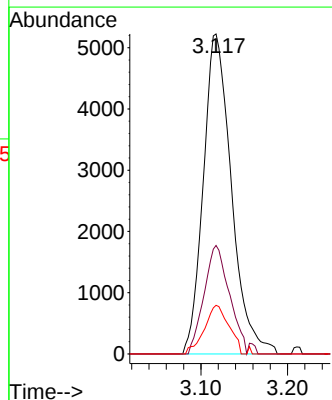
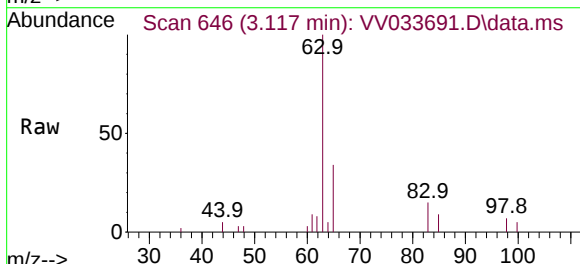
Instrument :
MSVOA_V
ClientSampleId :

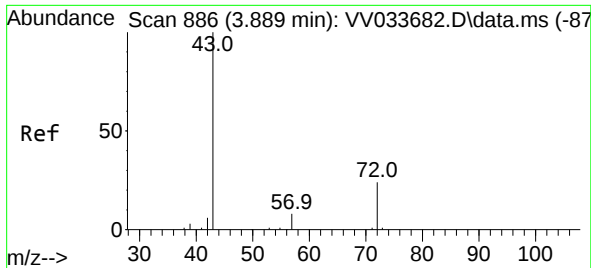
Tgt Ion: 96 Resp: 1255
Ion Ratio Lower Upper
96 100
61 119.5 110.4 205.0
98 37.9 44.1 81.9#



#19
1,1-Dichloroethane
Concen: 0.670 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

Tgt Ion: 63 Resp: 11788
Ion Ratio Lower Upper
63 100
65 33.9 21.6 40.2
83 15.2 9.1 16.9

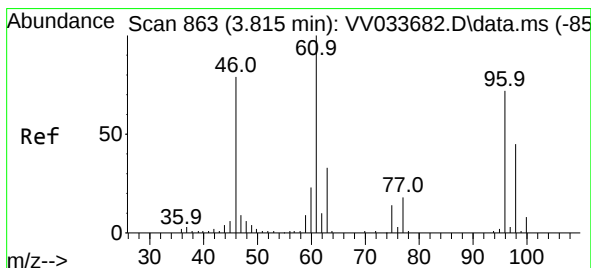
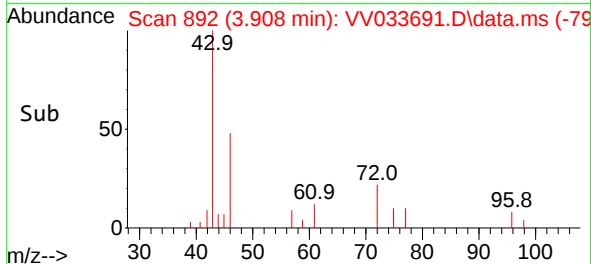
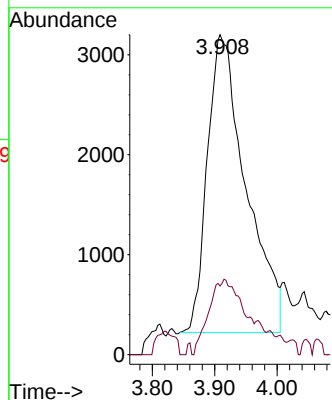
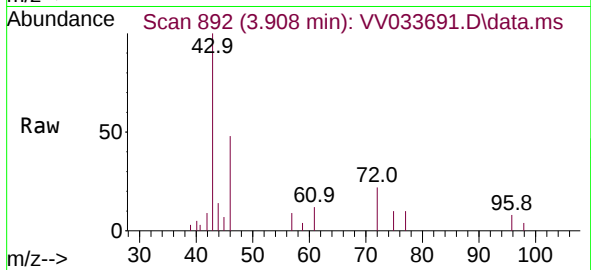




#21
2-Butanone
Concen: 7.644 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.019 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

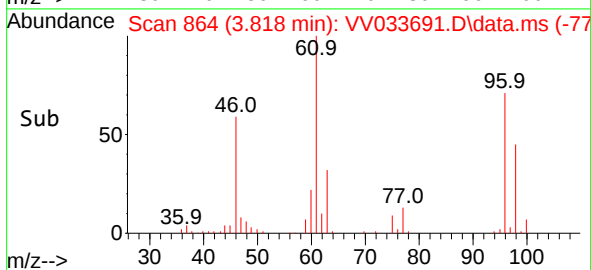
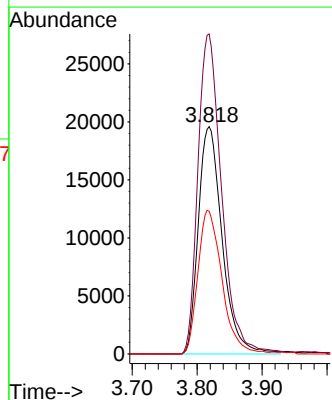
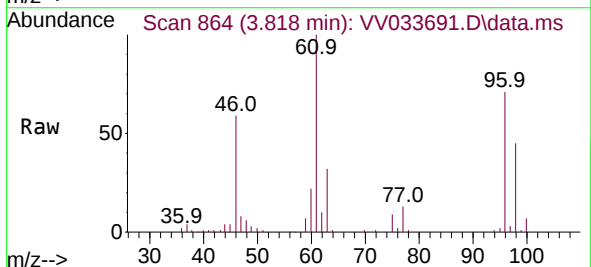
Instrument :
MSVOA_V
ClientSampleId :

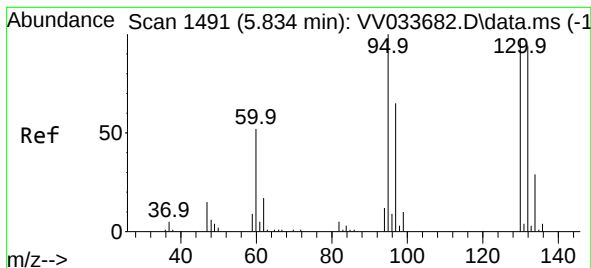
Tgt Ion: 43 Resp: 12799
Ion Ratio Lower Upper
43 100
72 22.3 10.5 31.6



#22
cis-1,2-Dichloroethene
Concen: 5.415 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

Tgt Ion: 96 Resp: 50180
Ion Ratio Lower Upper
96 100
61 140.7 97.1 180.3
98 62.7 42.6 79.0





#34

Trichloroethene

Concen: 1.999 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033691.D

Acq: 16 Jan 2024 23:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 19318

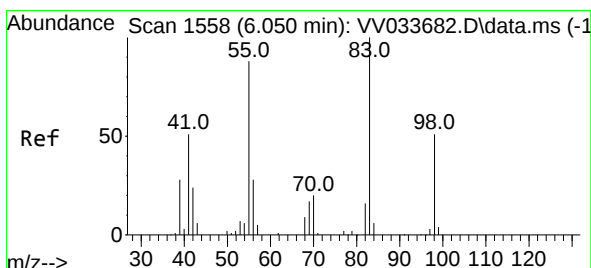
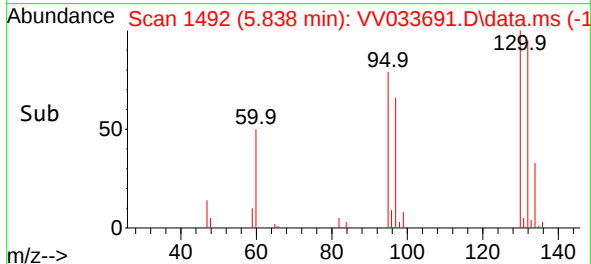
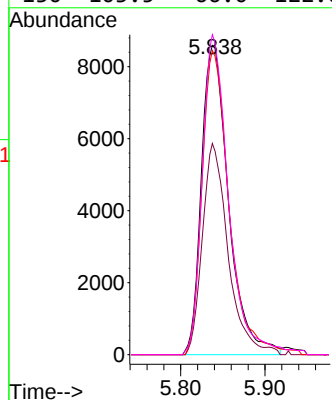
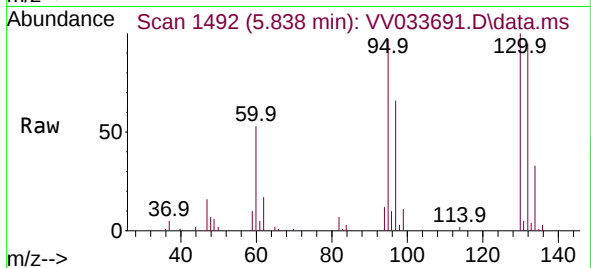
Ion Ratio Lower Upper

95 100

97 68.3 45.1 83.9

132 98.3 65.2 121.2

130 103.5 66.0 122.6



#35

Methylcyclohexane

Concen: 0.494 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033691.D

Acq: 16 Jan 2024 23:45

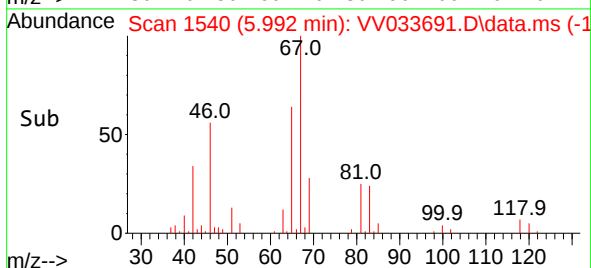
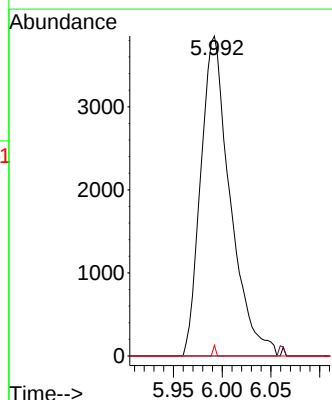
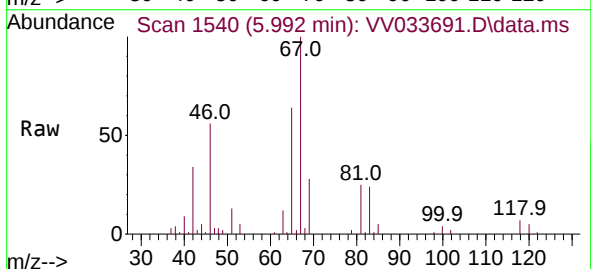
Tgt Ion: 83 Resp: 8071

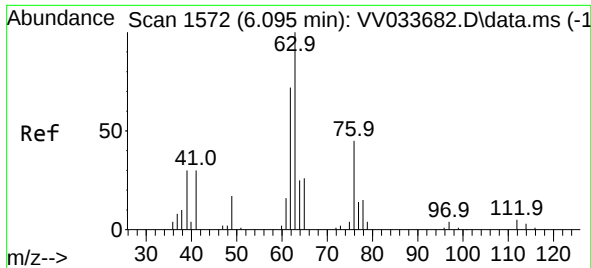
Ion Ratio Lower Upper

83 100

55 0.6 68.7 103.1#

98 0.3 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.057 ug/L

RT: 6.117 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV033691.D

Acq: 16 Jan 2024 23:45

Instrument :

MSVOA_V

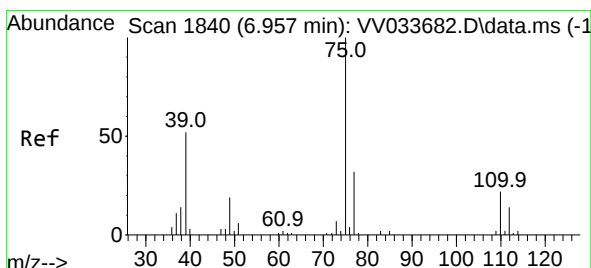
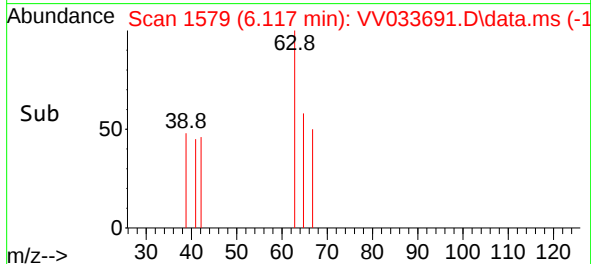
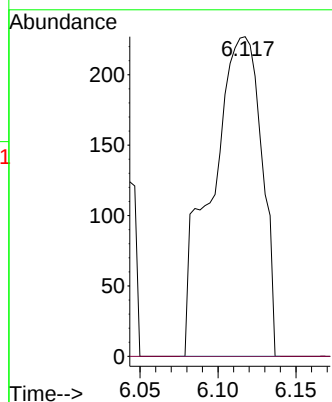
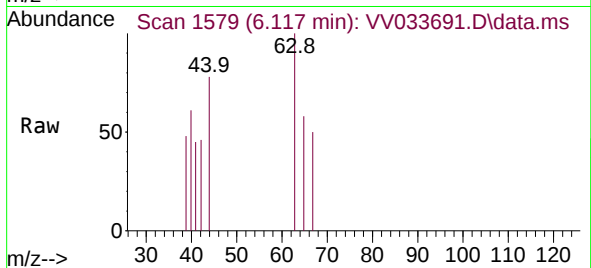
ClientSampleId :

Tgt Ion: 63 Resp: 510

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV033691.D

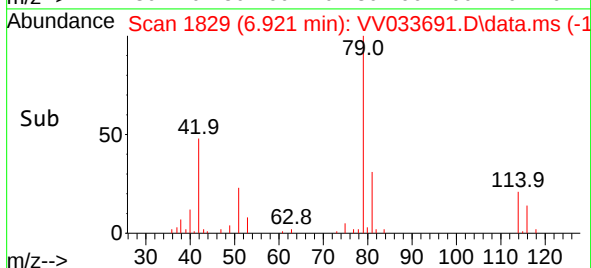
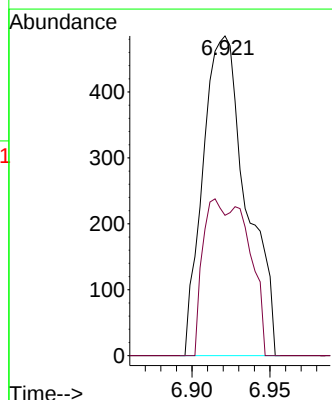
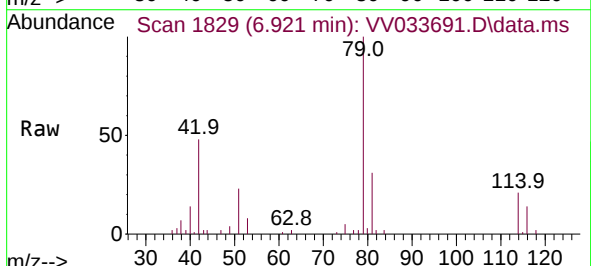
Acq: 16 Jan 2024 23:45

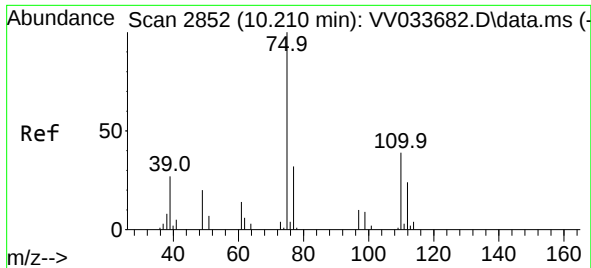
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

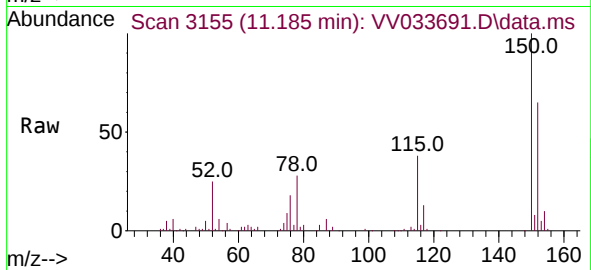
77 43.9 22.5 41.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.631 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV033691.D
 Acq: 16 Jan 2024 23:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	7007
Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1
110	1.4	28.0	42.0#

