

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 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWH9DL

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)

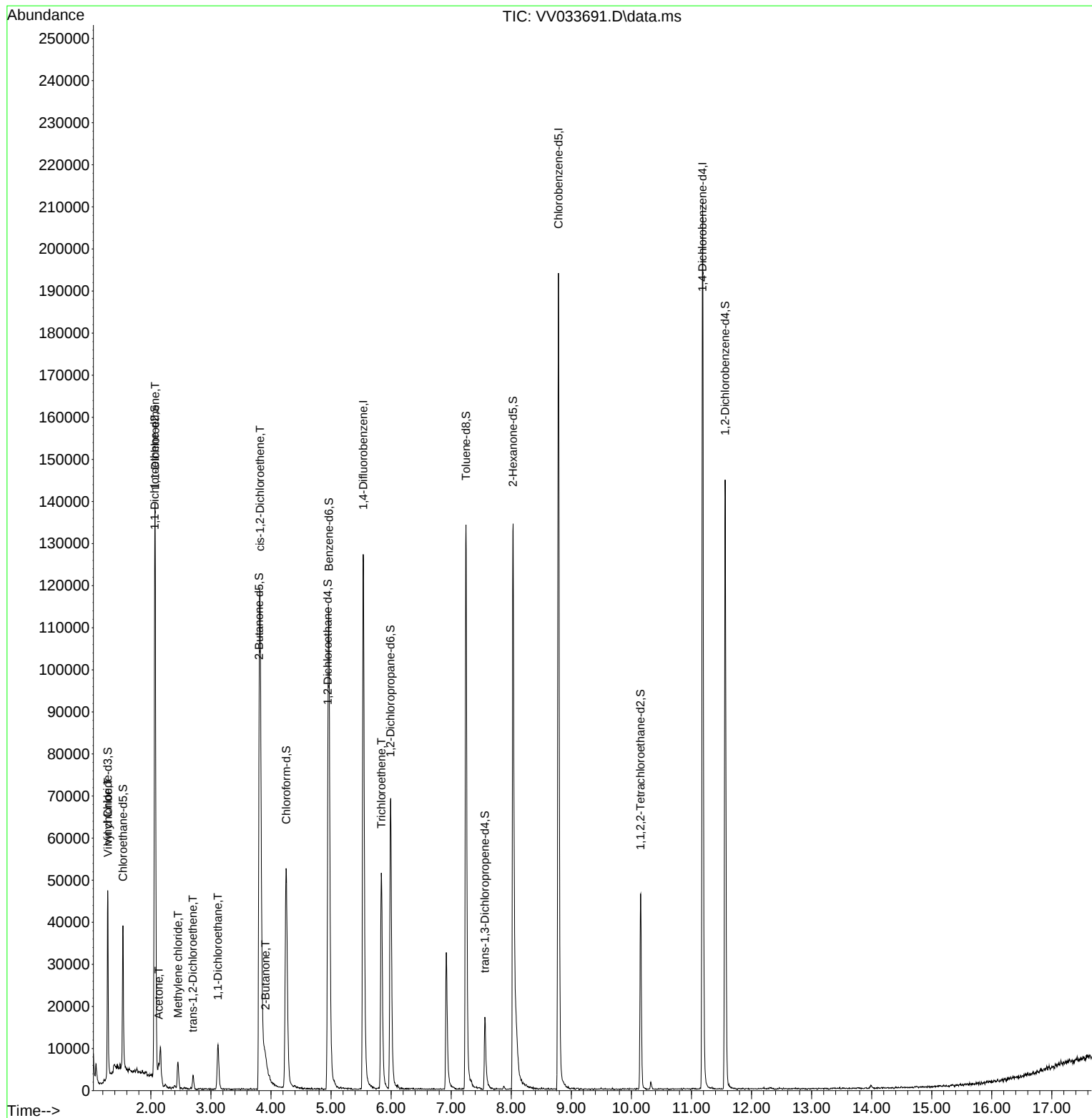
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111139	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	102225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19834	3.263	ug/L	0.00
Spiked Amount	5.000	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						
5) Vinyl chloride	1.285	62	8466	0.732	ug/L	91
12) 1,1-Dichloroethene	2.072	96	27357	3.492	ug/L	91
13) Acetone	2.134	43	5352	4.437	ug/L	86
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

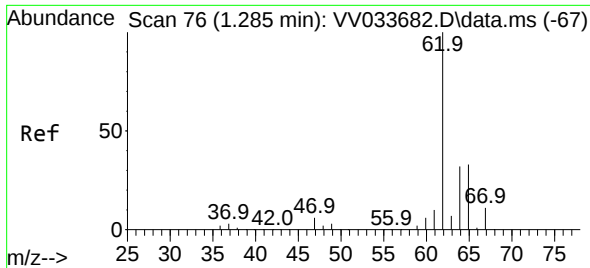
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BGWH9DL

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Quant Title : TRACE VOA SFAM1.0
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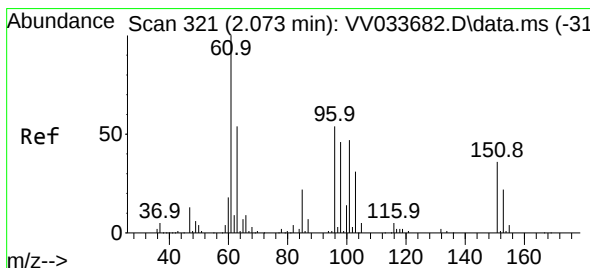
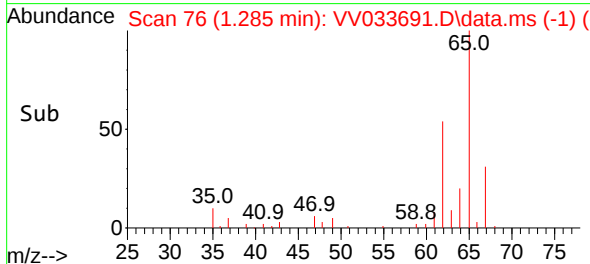
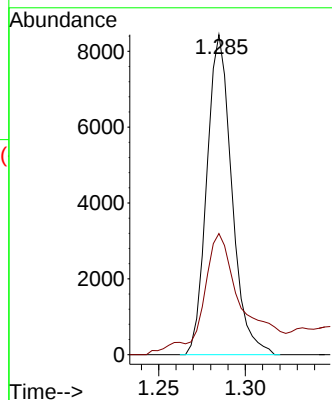
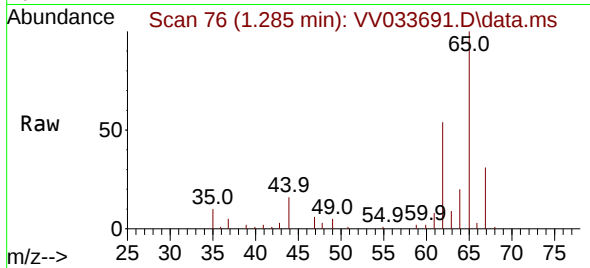




#5
 Vinyl chloride
 Concen: 0.732 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033691.D
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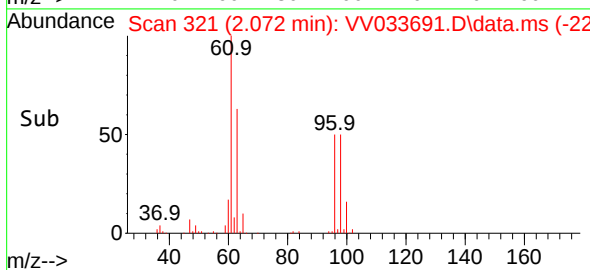
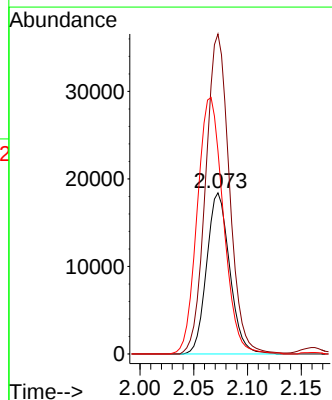
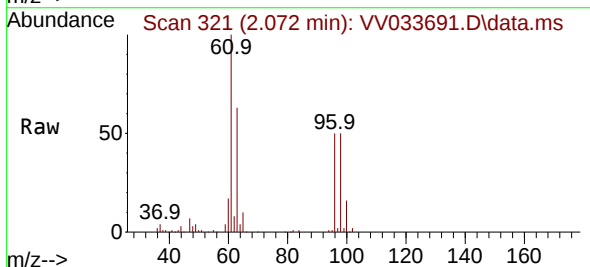
Instrument :
 MSVOA_V
 ClientSampleId :
 BGWH9DL

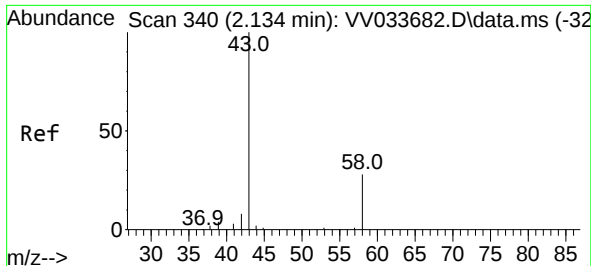
Tgt Ion: 62 Resp: 8466
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 3.492 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033691.D
 Acq: 16 Jan 2024 23:45

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

Instrument :

MSVOA_V

ClientSampleId :

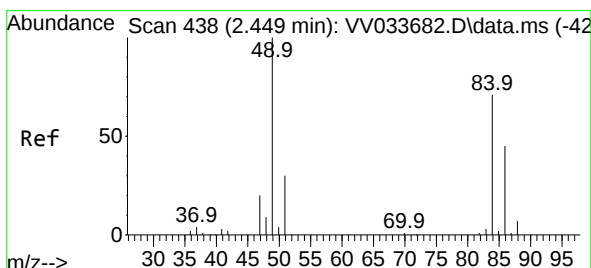
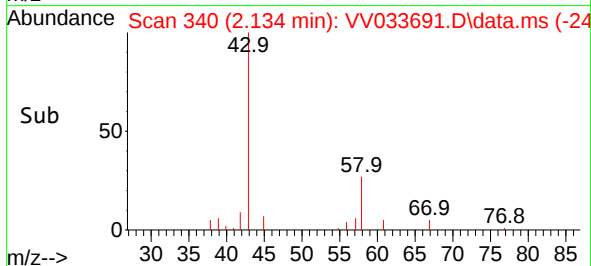
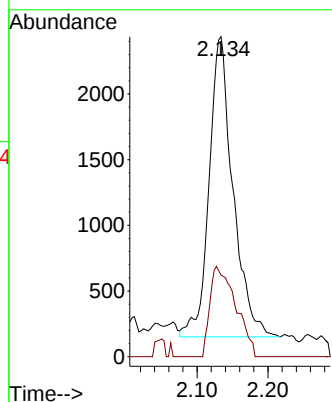
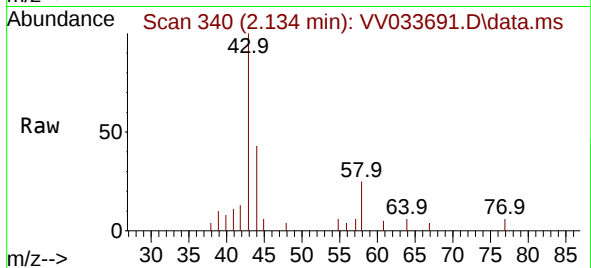
BGWH9DL

Tgt Ion: 43 Resp: 5352

Ion Ratio Lower Upper

43 100

58 32.4 0.0 51.0



#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

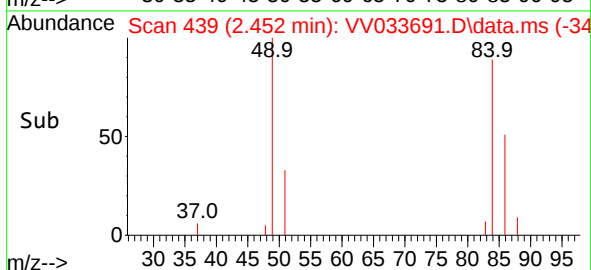
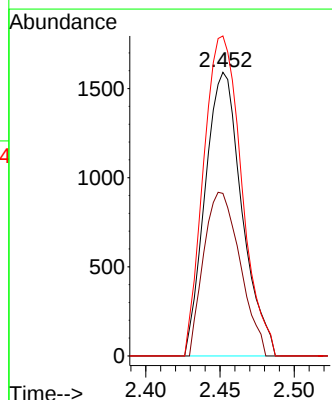
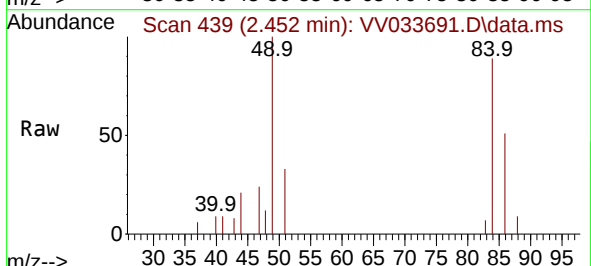
Tgt Ion: 84 Resp: 2743

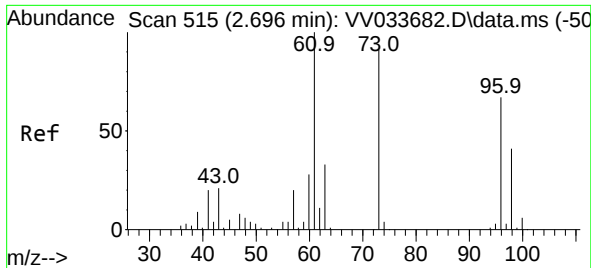
Ion Ratio Lower Upper

84 100

86 57.3 45.5 84.5

49 112.8 100.3 186.3

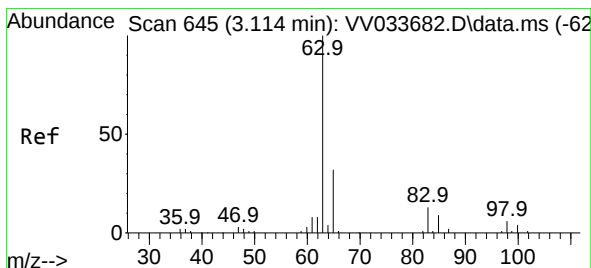
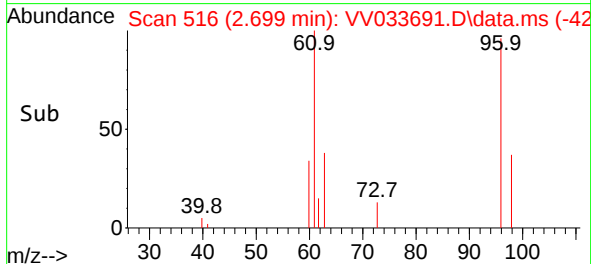
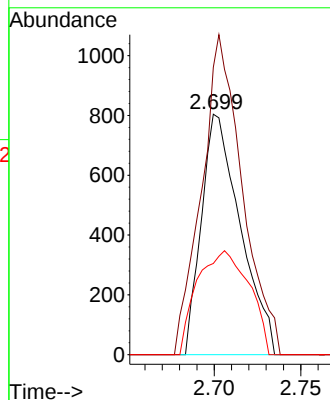
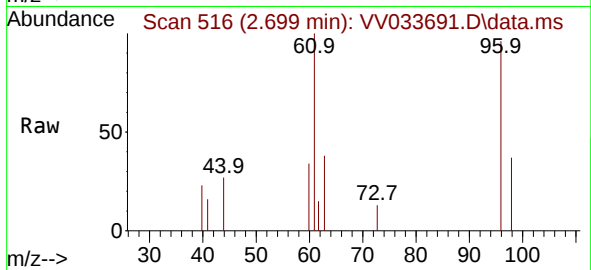




#18
 trans-1,2-Dichloroethene
 Concen: 0.142 ug/L
 RT: 2.699 min Scan# 515
 Delta R.T. 0.003 min
 Lab File: VV033691.D
 Acq: 16 Jan 2024 23:45

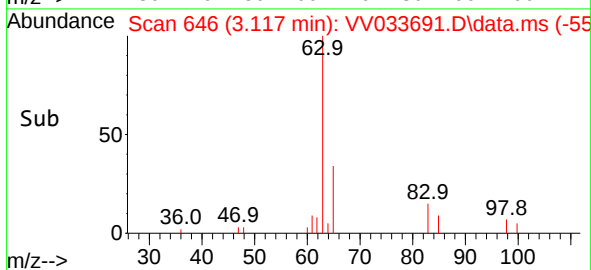
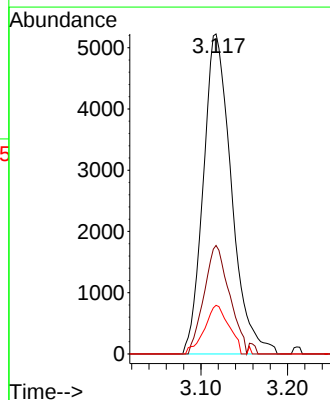
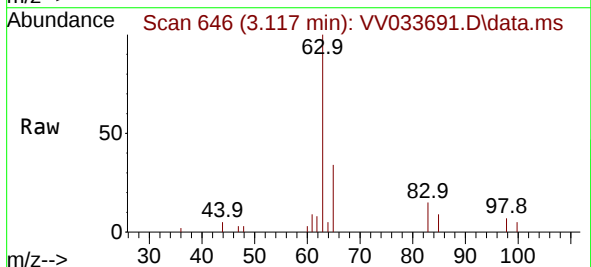
Instrument :
 MSVOA_V
 ClientSampleId :
 BGWH9DL

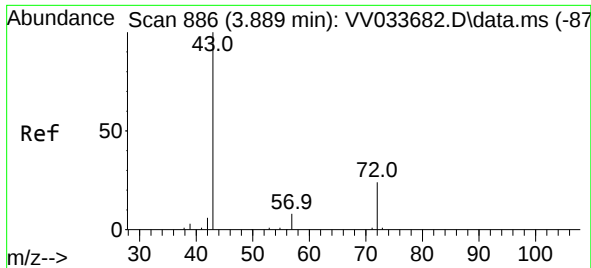
Tgt Ion: 96 Resp: 1255
 Ion Ratio Lower Upper
 96 100
 61 119.5 110.4 205.0
 98 37.9 44.1 81.9#



#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

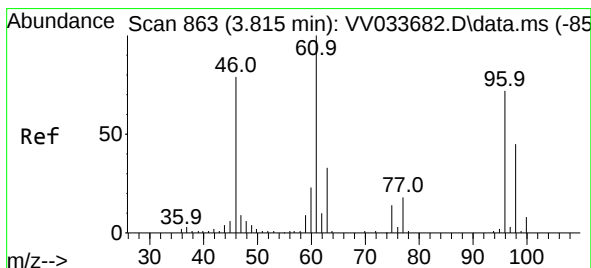
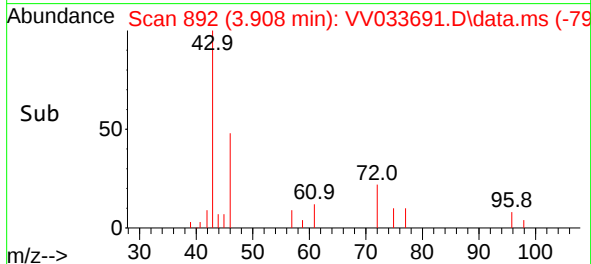
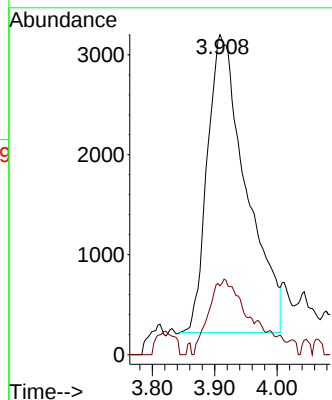
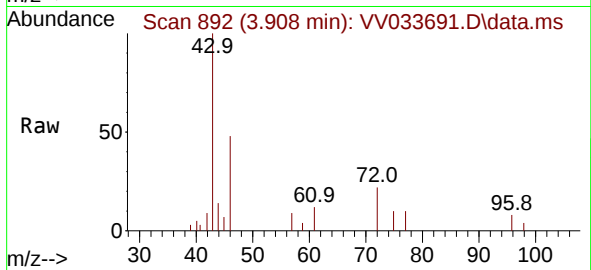




#21
2-Butanone
Concen: 7.644 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.019 min
Lab File: VV033691.D
Acq: 16 Jan 2024 23:45

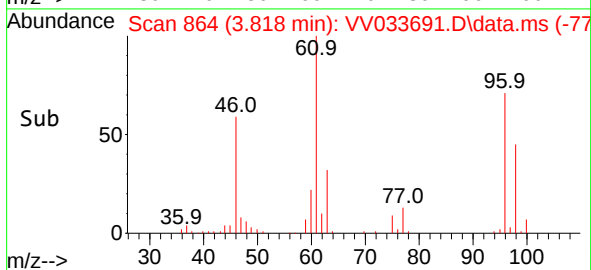
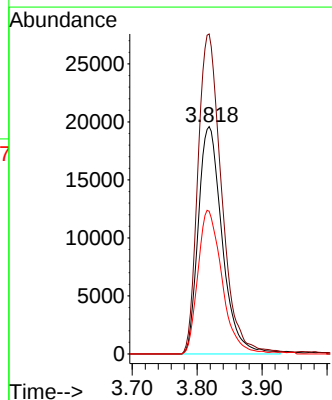
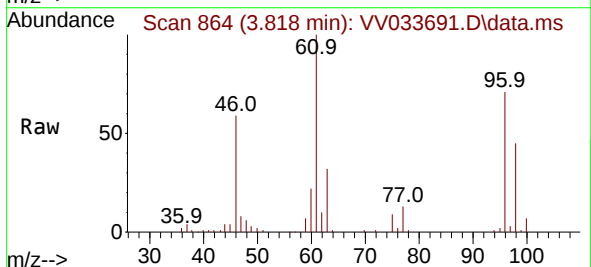
Instrument :
MSVOA_V
ClientSampleId :
BGWH9DL

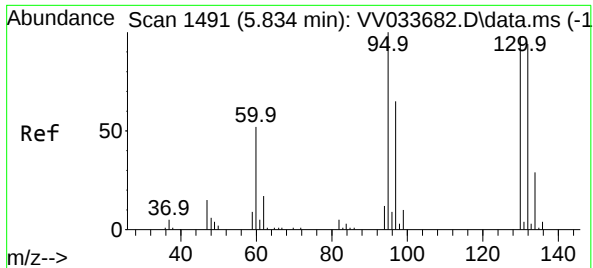
Tgt Ion: 43 Resp: 12799
Ion Ratio Lower Upper
43 100
72 22.3 10.5 31.6



#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

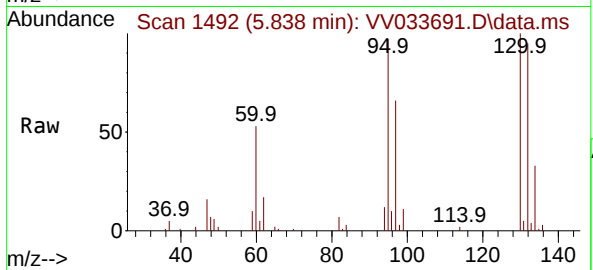
Tgt Ion: 96 Resp: 50180
Ion Ratio Lower Upper
96 100
61 140.7 97.1 180.3
98 62.7 42.6 79.0





#34
 Trichloroethene
 Concen: 1.999 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.003 min
 Lab File: VV033691.D
 Acq: 16 Jan 2024 23:45

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWH9DL



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

