

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032691.D
 Acq On : 27 Oct 2023 18:08
 Operator : SY/MD
 Sample : 04993-10 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 00:26:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

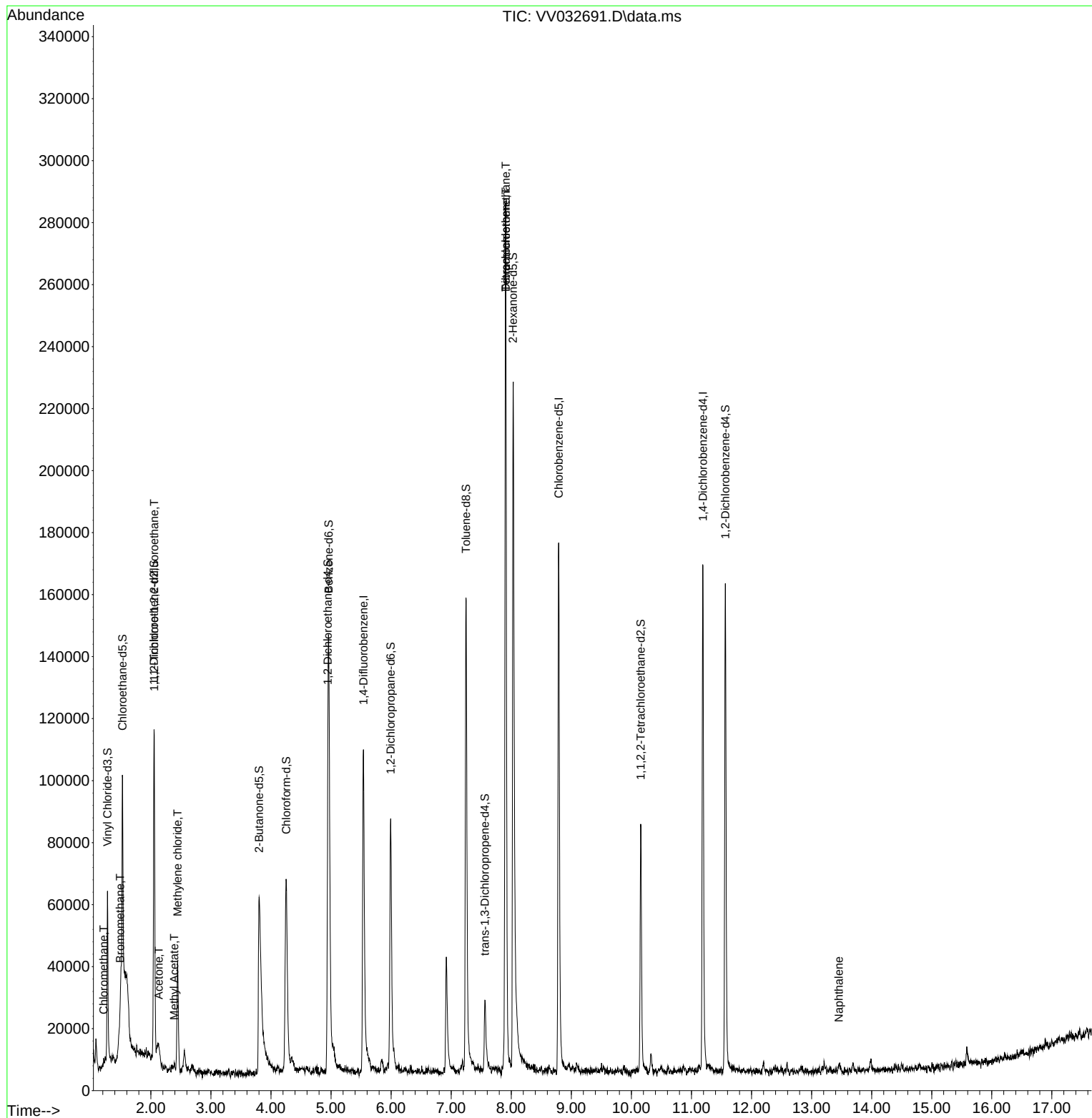
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93962	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96584	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36321	4.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.526	69	42574	6.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	129.800%	
11) 1,1-Dichloroethene-d2	2.053	65	16454	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.802	46	102287	61.381	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.760%	
24) Chloroform-d	4.252	84	66801	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	4.947	65	38035	6.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.200%	
32) Benzene-d6	4.960	84	126369	5.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
36) 1,2-Dichloropropane-d6	5.992	67	41468	6.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	124.600%	
41) Toluene-d8	7.246	98	109197	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.561	79	15298	5.206	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5	8.030	63	81518	70.004	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	140.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37905	6.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	128.000%#	
66) 1,2-Dichlorobenzene-d4	11.564	152	39205	5.613	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1629	0.143	ug/L	100
6) Bromomethane	1.487	94	1545	0.234	ug/L	73
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1097	0.122	ug/L #	28
13) Acetone	2.130	43	4985	3.030	ug/L	79
15) Methyl Acetate	2.388	43	2257	0.685	ug/L #	70
16) Methylene chloride	2.445	84	14615	1.414	ug/L	100
47) Tetrachloroethene	7.908	164	61698	8.584	ug/L	96
49) Dibromochloromethane	7.908	129	57771	7.850	ug/L #	11
71) Naphthalene	13.455	128	1146	0.077	ug/L #	78

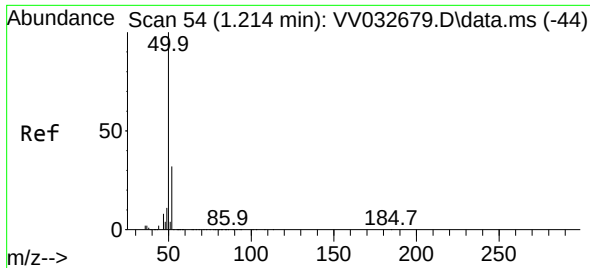
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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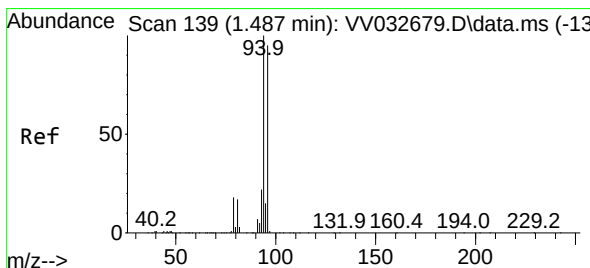
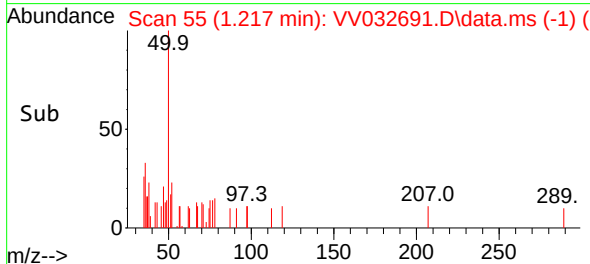
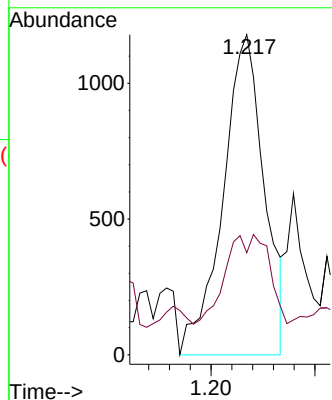
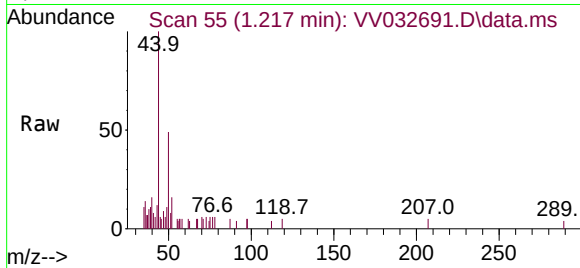




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

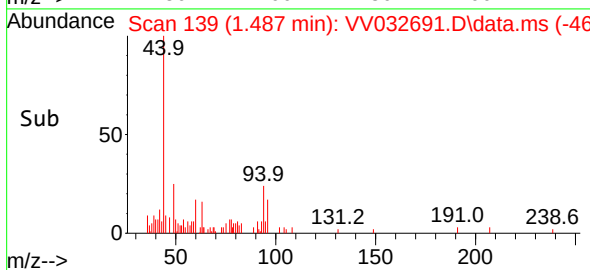
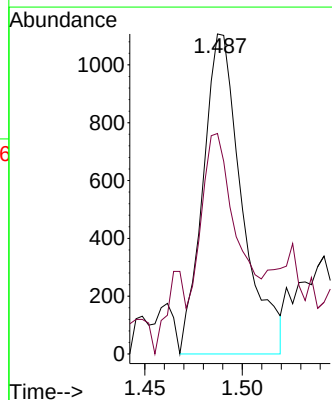
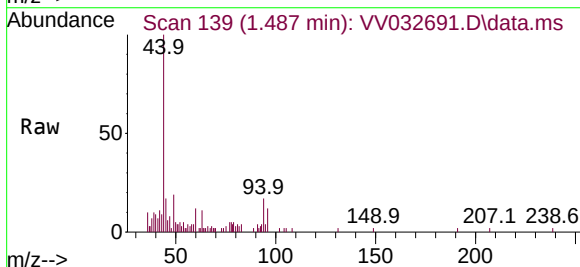
Instrument :
MSVOA_V
ClientSampleId :

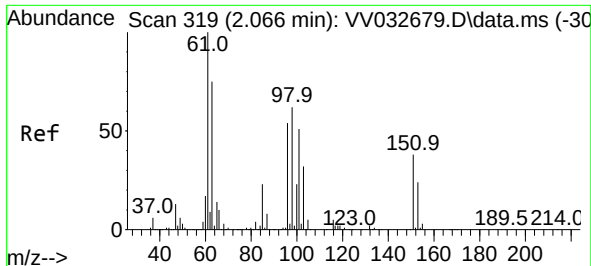
Tgt Ion: 50 Resp: 1629
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5



#6
Bromomethane
Concen: 0.234 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.000 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 94 Resp: 1545
Ion Ratio Lower Upper
94 100
96 68.9 66.4 123.2

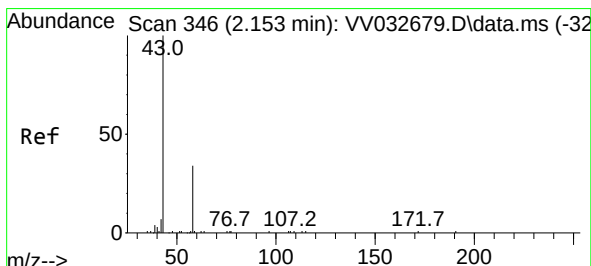
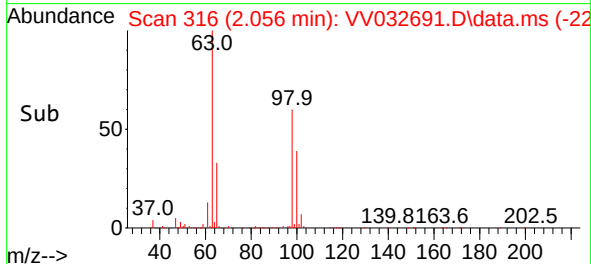
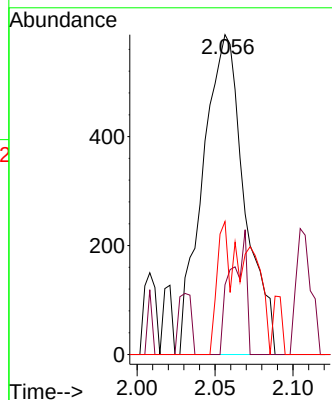
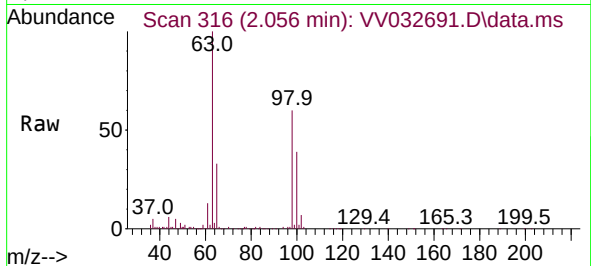




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.122 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

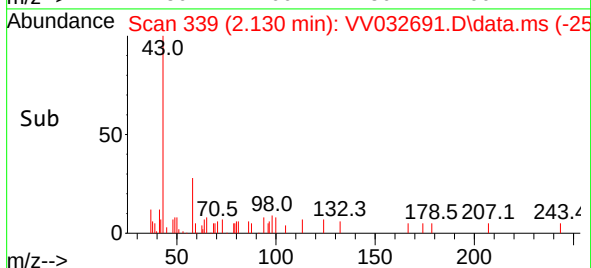
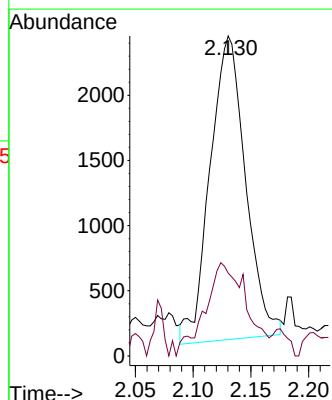
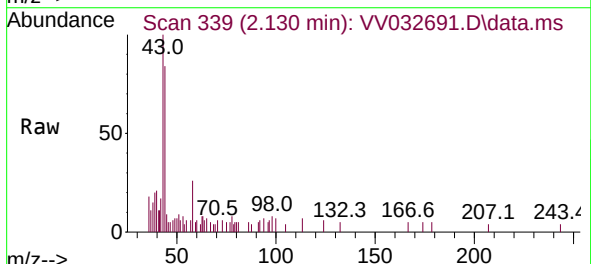
Instrument :
MSVOA_V
ClientSampleId :

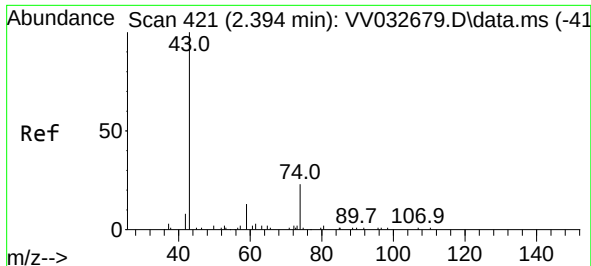
Tgt Ion:101 Resp: 1097
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 11.9 59.0 88.6#



#13
Acetone
Concen: 3.030 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.022 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 43 Resp: 4985
Ion Ratio Lower Upper
43 100
58 36.1 0.0 50.6

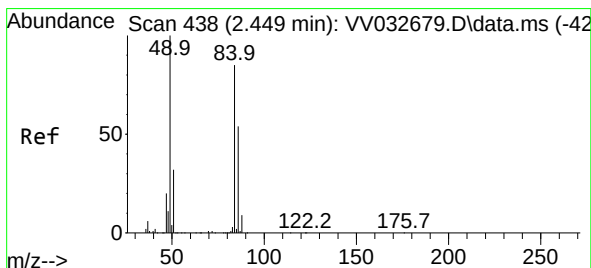
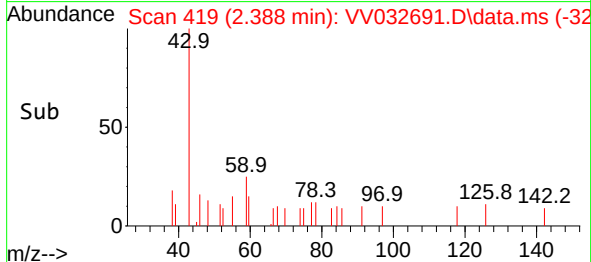
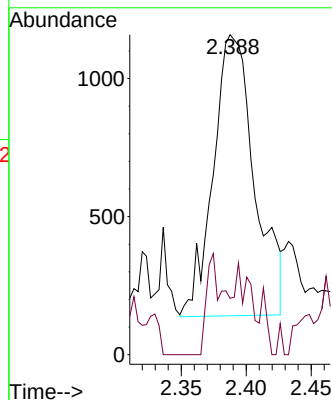
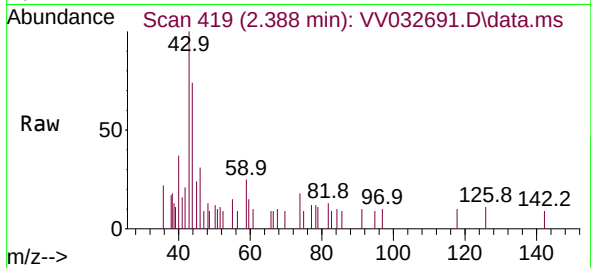




#15
Methyl Acetate
Concen: 0.685 ug/L
RT: 2.388 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

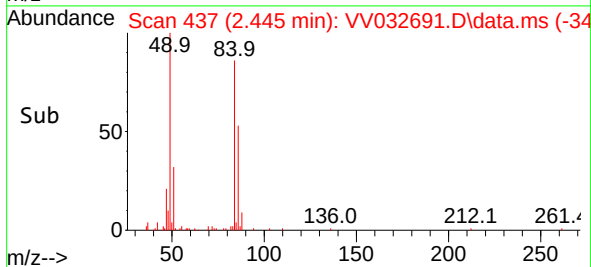
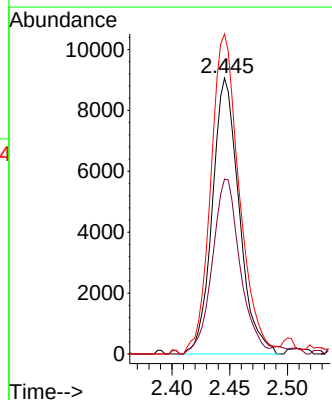
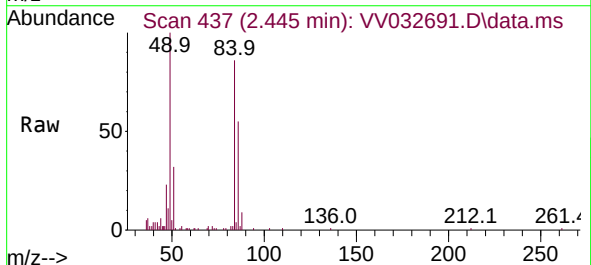
Instrument :
MSVOA_V
ClientSampleId :

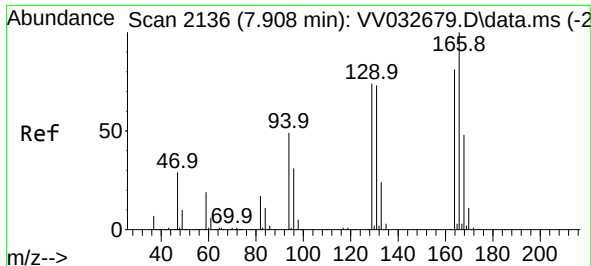
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
74 12.8 23.1 34.7#



#16
Methylene chloride
Concen: 1.414 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

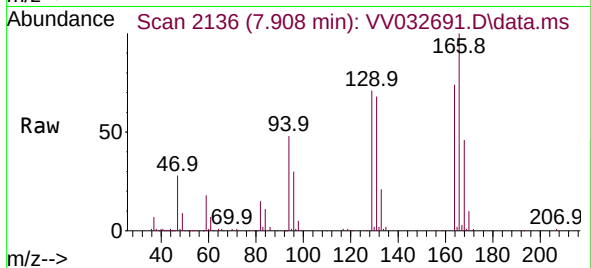
Tgt Ion: 84 Resp: 14615
Ion Ratio Lower Upper
84 100
86 63.4 44.8 83.2
49 116.0 81.1 150.5



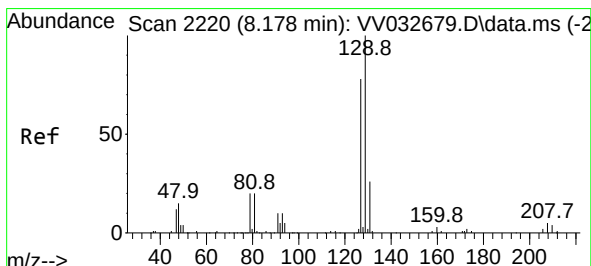
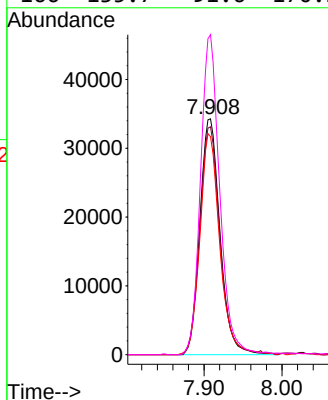
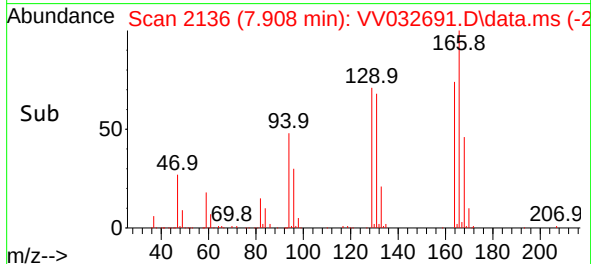


#47
Tetrachloroethene
Concen: 8.584 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08

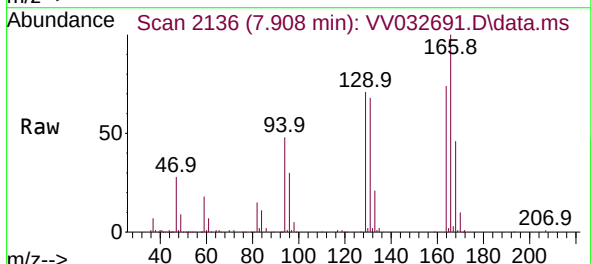
Instrument :
MSVOA_V
ClientSampleId :



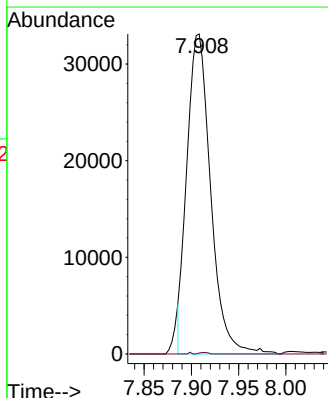
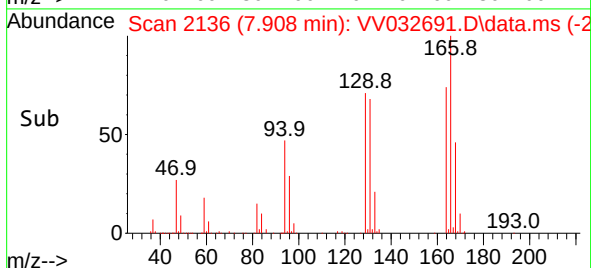
Tgt Ion:164 Resp: 61698
Ion Ratio Lower Upper
164 100
129 96.6 65.3 121.3
131 92.4 66.6 123.8
166 135.7 91.6 170.2

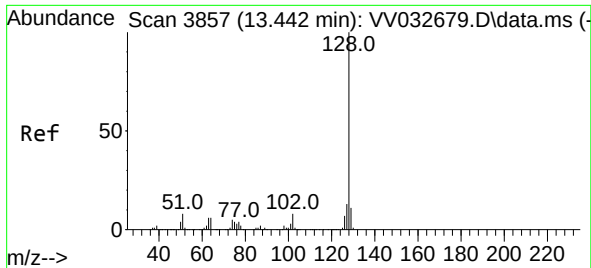


#49
Dibromochloromethane
Concen: 7.850 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.270 min
Lab File: VV032691.D
Acq: 27 Oct 2023 18:08



Tgt Ion:129 Resp: 57771
Ion Ratio Lower Upper
129 100
127 0.3 54.0 100.4#





#71

Naphthalene

Concen: 0.077 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.013 min

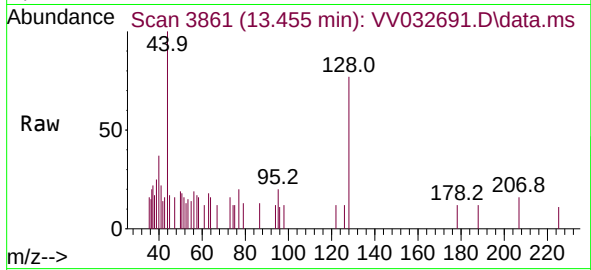
Lab File: VV032691.D

Acq: 27 Oct 2023 18:08

Instrument :

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ClientSampleId :



Tgt Ion:128 Resp: 1146

Ion Ratio Lower Upper

128 100

129 16.1 8.6 12.8#

127 1.7 10.4 15.6#

