

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
 Data File : VV031060.D
 Acq On : 16 May 2023 18:04
 Operator : SY/MD
 Sample : 02768-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

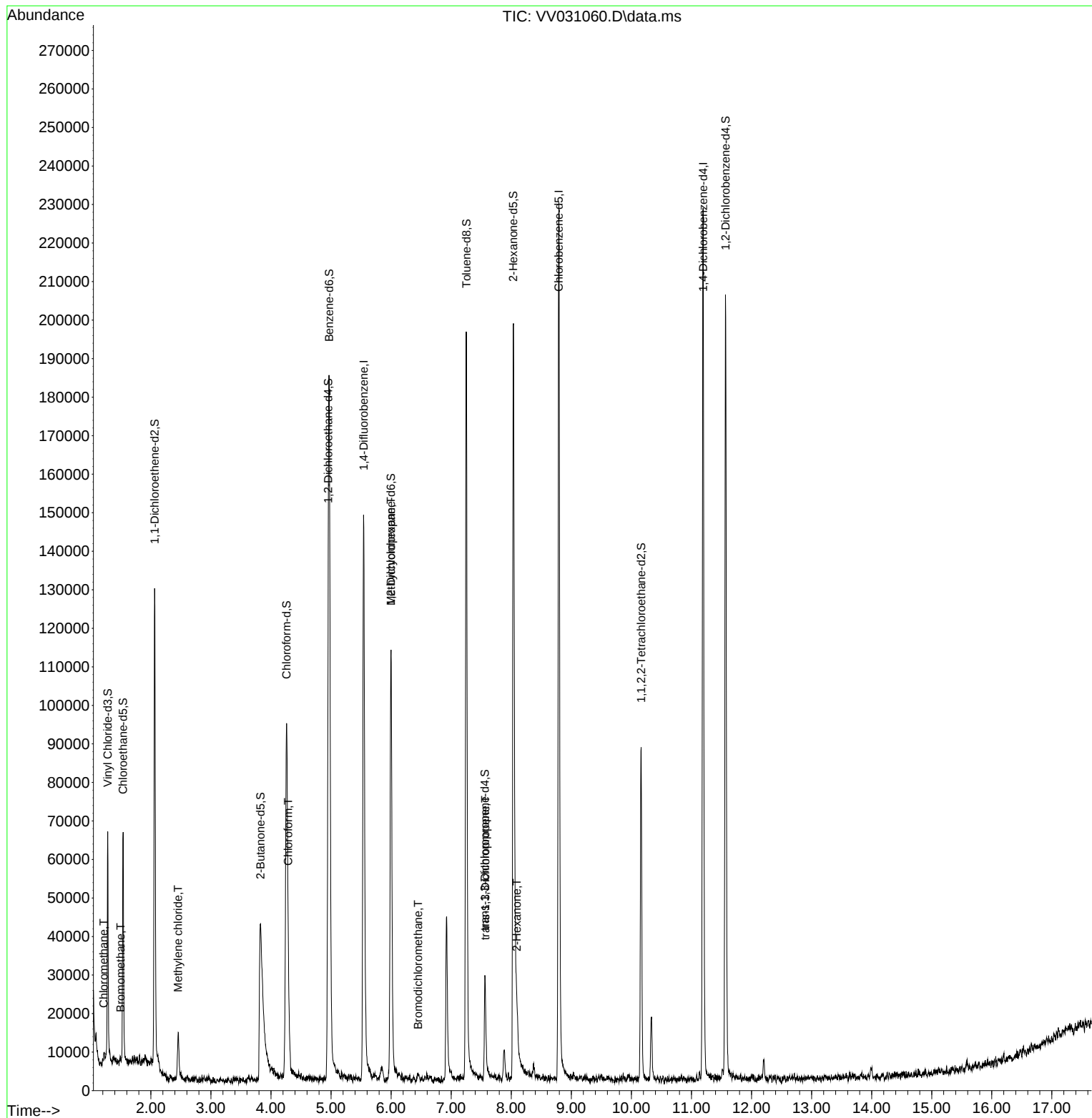
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128217	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	125318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	36793	3.483	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.536	69	38440	4.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.063	65	21559	3.856	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.825	46	97644	52.125	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.240%	
24) Chloroform-d	4.259	84	93292	4.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	4.953	65	51052	4.783	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	4.970	84	158586	4.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	5.998	67	47734	4.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.252	98	131381	3.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.200%	
43) trans-1,3-Dichloroprop...	7.561	79	14762	3.687	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.034	63	70775	50.452	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.900%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37137	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	53579	4.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1702	0.143	ug/L	88
6) Bromomethane	1.494	94	546	0.115	ug/L	99
16) Methylene chloride	2.452	84	4685	0.480	ug/L	95
25) Chloroform	4.285	83	12391	0.759	ug/L	85
35) Methylcyclohexane	5.998	83	12971	0.996	ug/L #	18
38) Bromodichloromethane	6.449	83	1277	0.117	ug/L #	86
44) trans-1,3-Dichloropropene	7.568	75	1000	0.105	ug/L	92
48) 2-Hexanone	8.092	43	7807	2.627	ug/L #	80

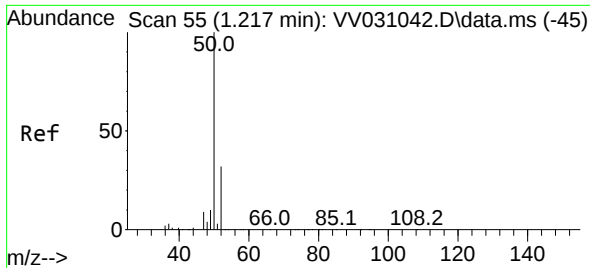
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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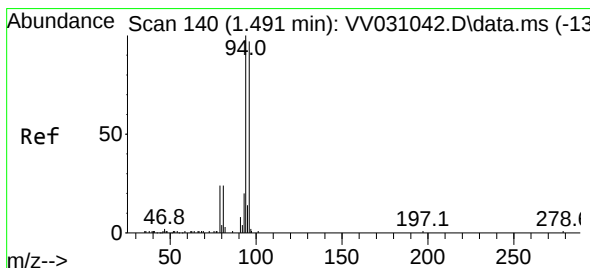
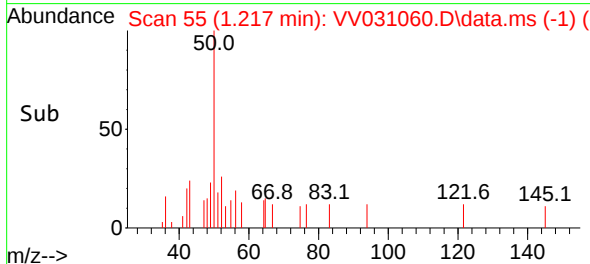
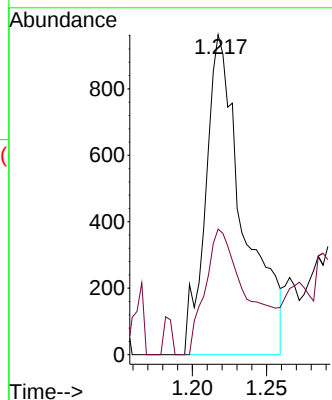
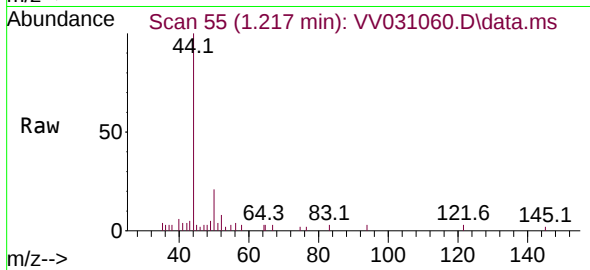




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

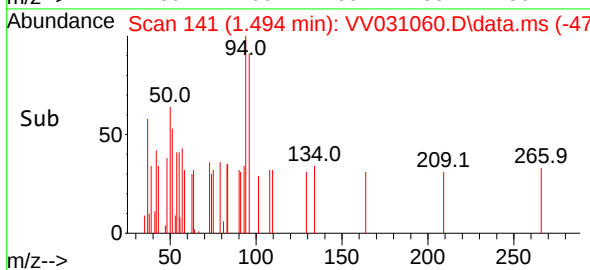
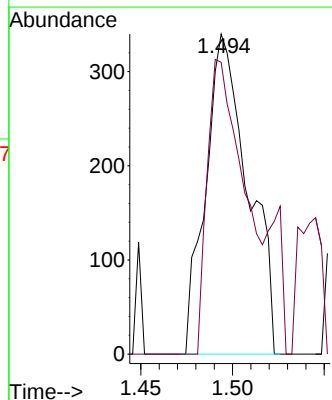
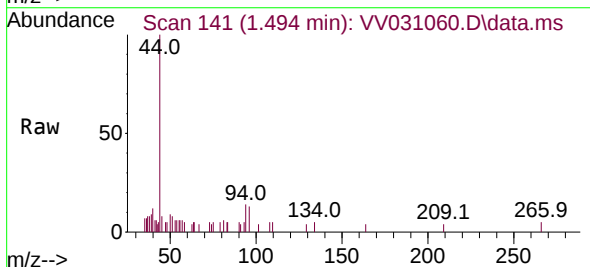
Instrument :
MSVOA_V
ClientSampleId :

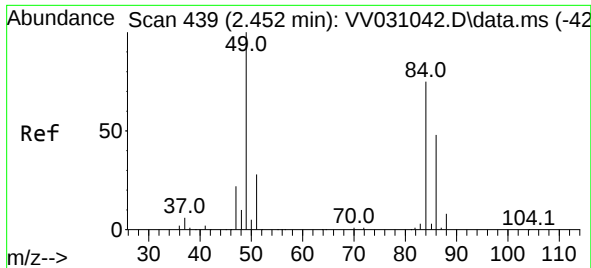
Tgt Ion: 50 Resp: 1702
Ion Ratio Lower Upper
50 100
52 39.3 22.8 42.4



#6
Bromomethane
Concen: 0.115 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

Tgt Ion: 94 Resp: 546
Ion Ratio Lower Upper
94 100
96 91.2 63.4 117.8

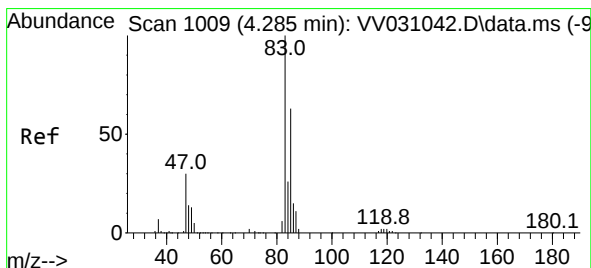
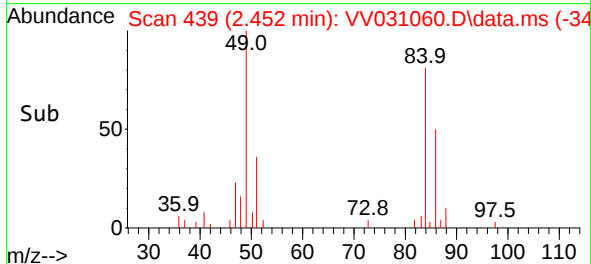
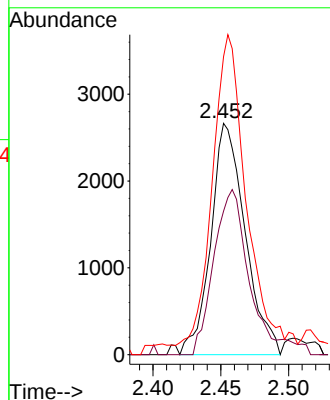
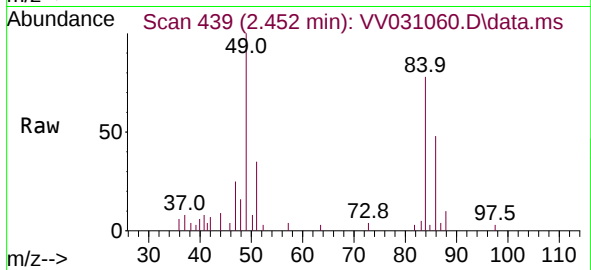




#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

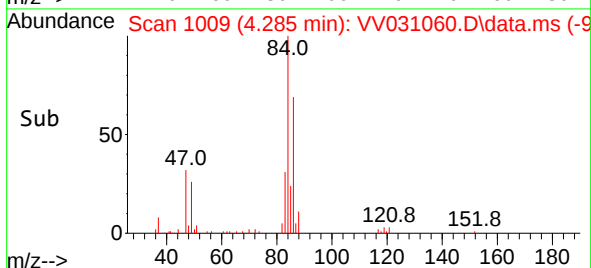
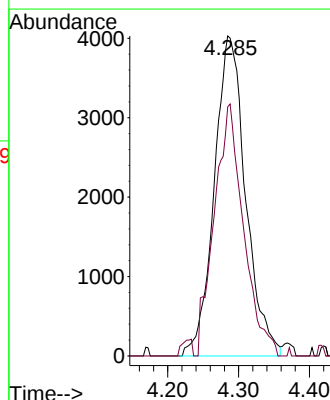
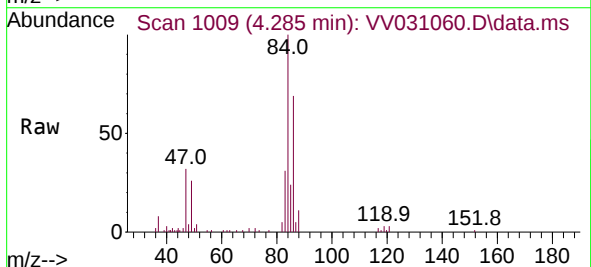
Instrument :
MSVOA_V
ClientSampleId :

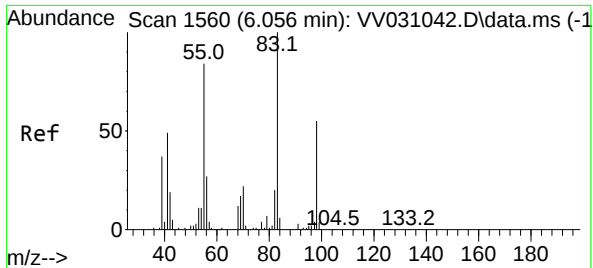
Tgt Ion: 84 Resp: 4685
Ion Ratio Lower Upper
84 100
86 62.0 46.1 85.5
49 128.9 94.3 175.1



#25
Chloroform
Concen: 0.759 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

Tgt Ion: 83 Resp: 12391
Ion Ratio Lower Upper
83 100
85 77.9 46.4 86.2

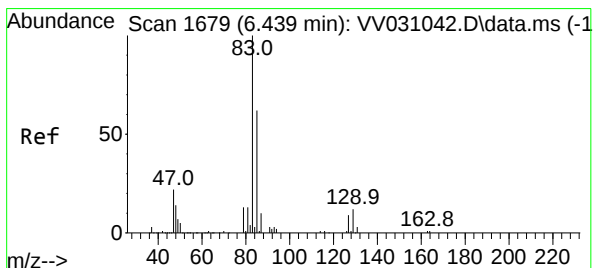
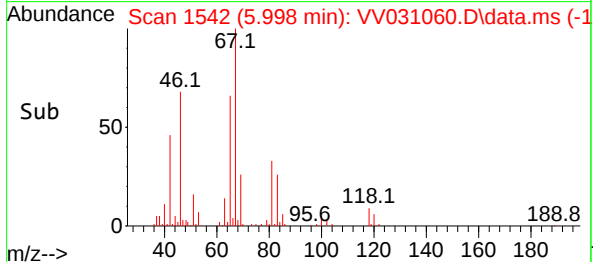
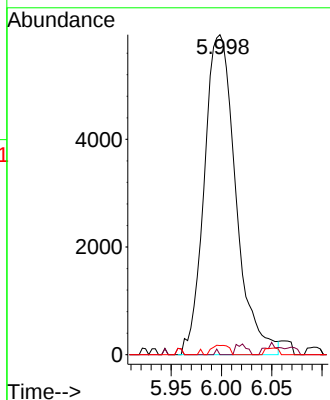
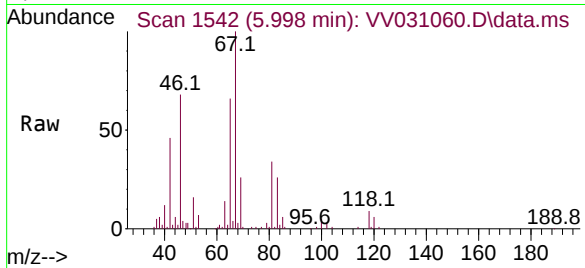




#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

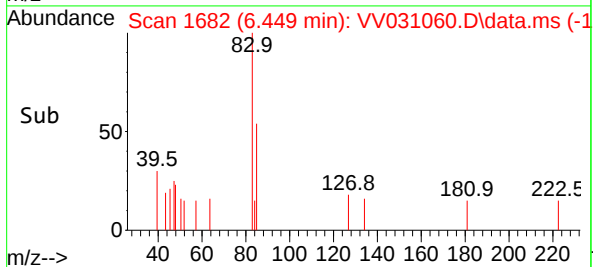
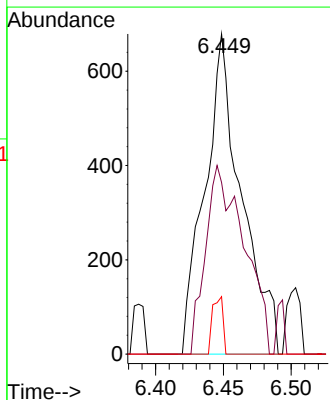
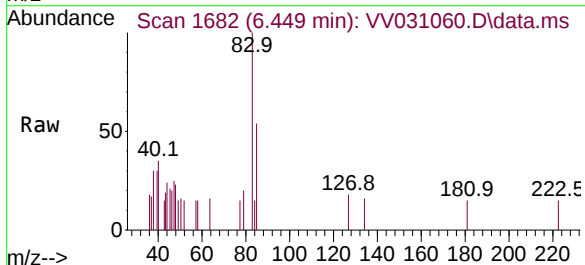
Instrument :
MSVOA_V
ClientSampleId :

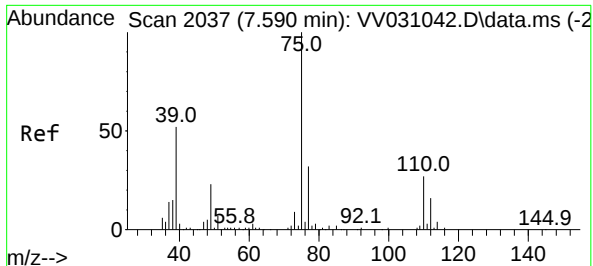
Tgt Ion: 83 Resp: 12971
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.6 40.5 60.7#



#38
Bromodichloromethane
Concen: 0.117 ug/L
RT: 6.449 min Scan# 1682
Delta R.T. 0.010 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

Tgt Ion: 83 Resp: 1277
Ion Ratio Lower Upper
83 100
85 53.6 44.4 82.4
127 18.0 6.6 9.8#

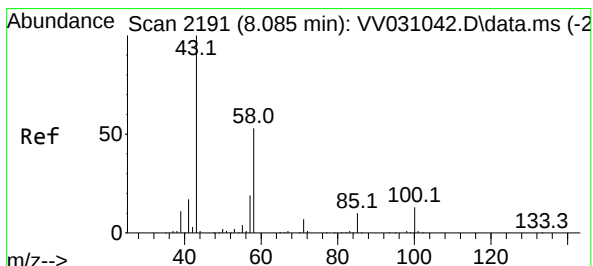
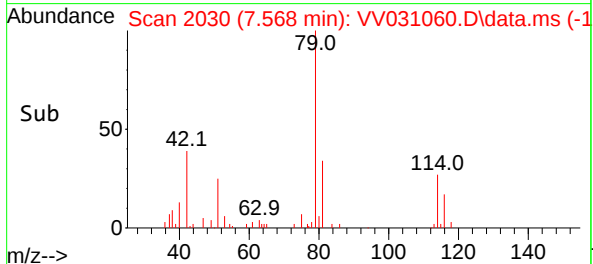
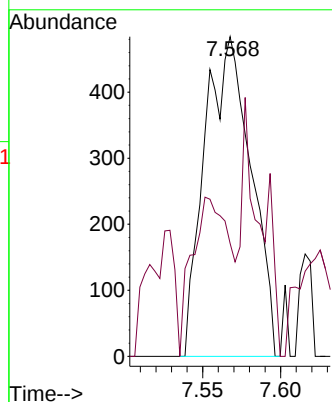
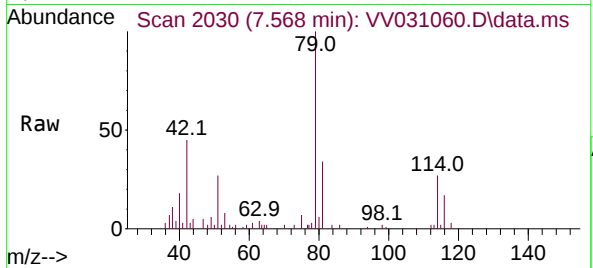




#44
trans-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.568 min Scan# 2037
Delta R.T. -0.023 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1000
Ion Ratio Lower Upper
75 100
77 35.3 21.6 40.0



#48
2-Hexanone
Concen: 2.627 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. 0.006 min
Lab File: VV031060.D
Acq: 16 May 2023 18:04

Tgt Ion: 43 Resp: 7807
Ion Ratio Lower Upper
43 100
58 33.5 39.9 59.9#
57 21.3 14.1 21.1#
100 4.3 9.7 14.5#

