

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030591.D
 Acq On : 17 Apr 2023 16:11
 Operator : SY/MD
 Sample : PB152132TB 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 02:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

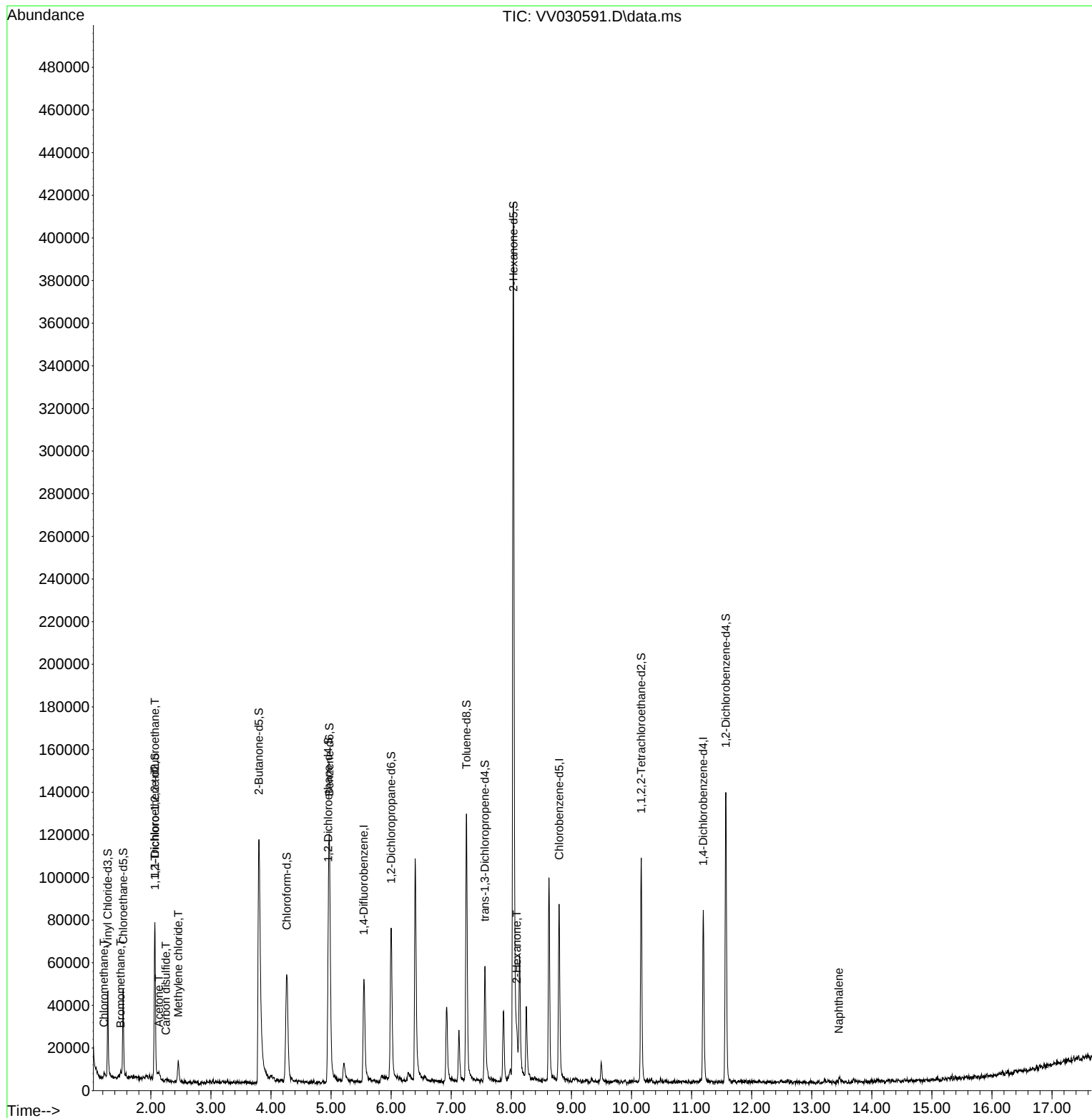
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	41897	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	44237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	21754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26643	86.746	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 173.500%#		
7) Chloroethane-d5	1.539	69	23874	92.758	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 185.520%#		
11) 1,1-Dichloroethene-d2	2.066	65	12401	85.140	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 170.280%#		
21) 2-Butanone-d5	3.799	46	200395	1187.892	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 1187.890%#		
24) Chloroform-d	4.262	84	54469	97.859	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 195.720%#		
26) 1,2-Dichloroethane-d4	4.953	65	39252	109.688	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 219.380%#		
32) Benzene-d6	4.973	84	95966	91.755	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 183.520%#		
36) 1,2-Dichloropropane-d6	5.998	67	32535	100.145	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 200.280%#		
41) Toluene-d8	7.252	98	82107	83.613	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 167.220%#		
43) trans-1,3-Dichloroprop...	7.561	79	14594	89.126	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 178.260%#		
47) 2-Hexanone-d5	8.034	63	136818	1069.033	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 1069.030%#		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46494	98.626	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 197.260%#		
66) 1,2-Dichlorobenzene-d4	11.570	152	35269	102.001	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 204.000%#		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1975	4.180	ug/L	91
6) Bromomethane	1.494	94	763	5.051	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	549	1.692	ug/L #	24
13) Acetone	2.133	43	3132	11.998	ug/L	73
14) Carbon disulfide	2.249	76	962	1.161	ug/L #	76
16) Methylene chloride	2.458	84	4094	12.195	ug/L	86
48) 2-Hexanone	8.091	43	6682	16.034	ug/L	94
71) Naphthalene	13.451	128	1062	0.891	ug/L #	94

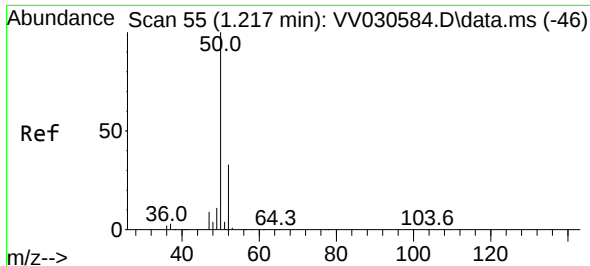
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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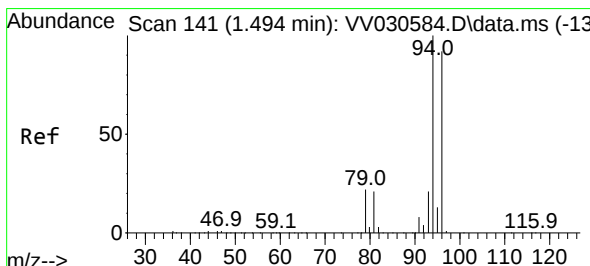
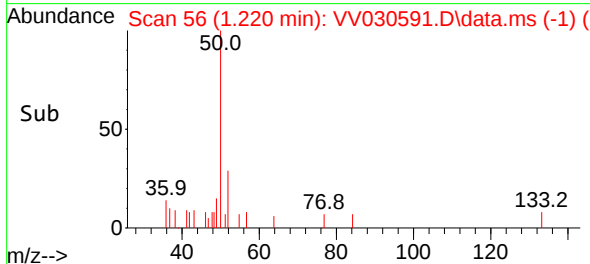
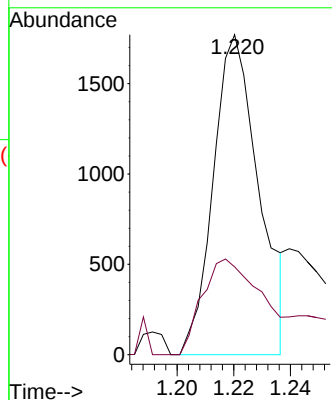
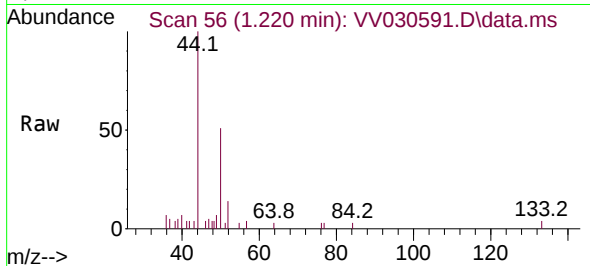




#3
Chloromethane
Concen: 4.180 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030591.D
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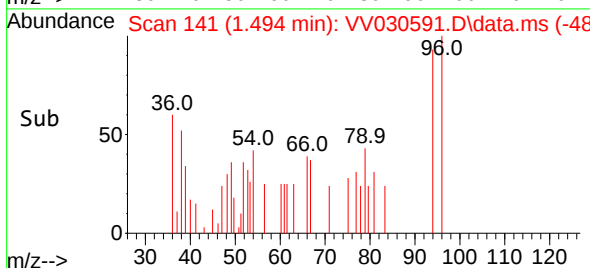
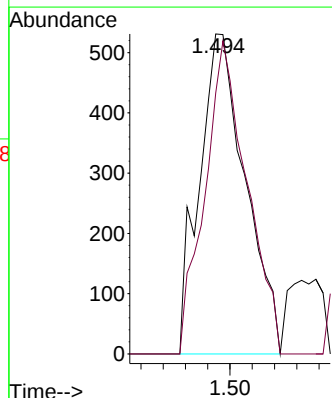
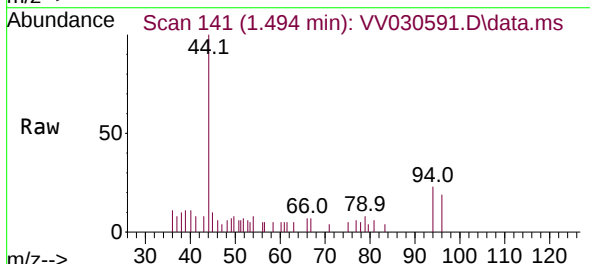
Instrument :
MSVOA_V
ClientSampleId :

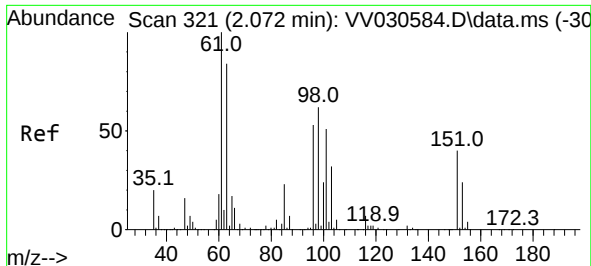
Tgt Ion: 50 Resp: 1975
Ion Ratio Lower Upper
50 100
52 27.4 22.5 41.9



#6
Bromomethane
Concen: 5.051 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11

Tgt Ion: 94 Resp: 763
Ion Ratio Lower Upper
94 100
96 81.5 66.3 123.1

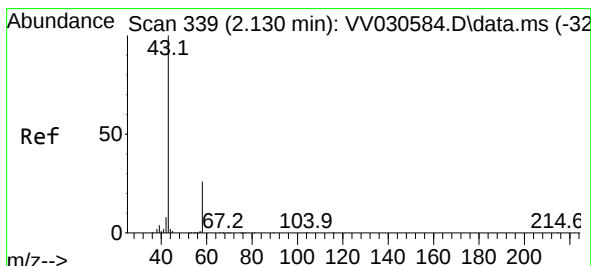
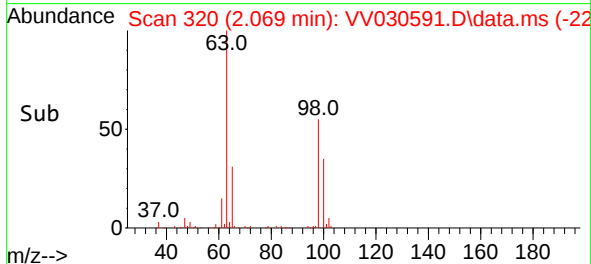
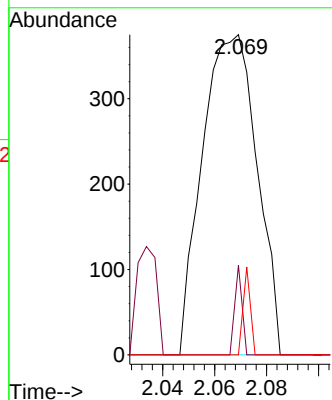
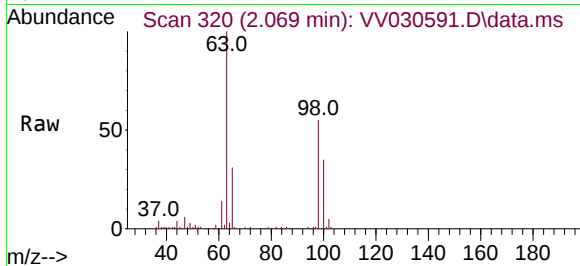




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.692 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11

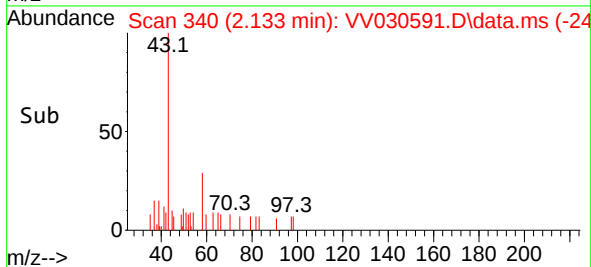
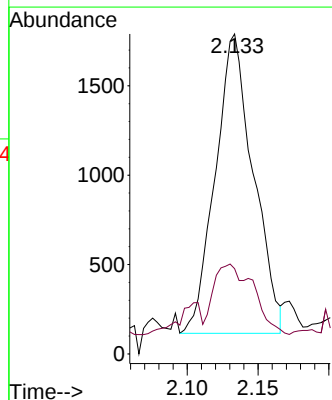
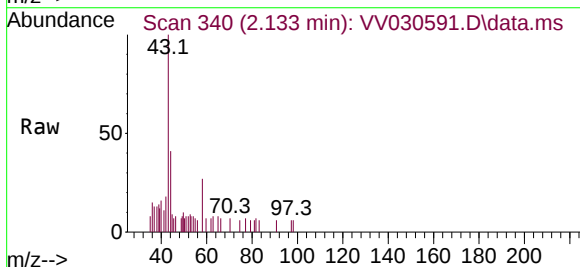
Instrument :
MSVOA_V
ClientSampleId :

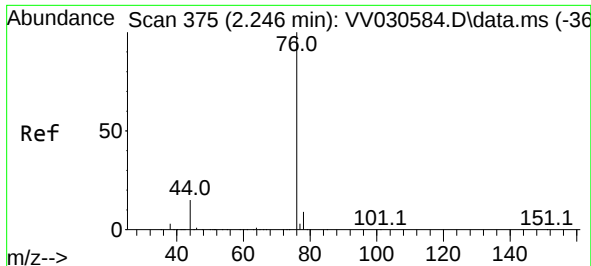
Tgt Ion:101 Resp: 549
Ion Ratio Lower Upper
101 100
85 12.2 37.5 56.3#
151 0.0 63.5 95.3#



#13
Acetone
Concen: 11.998 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11

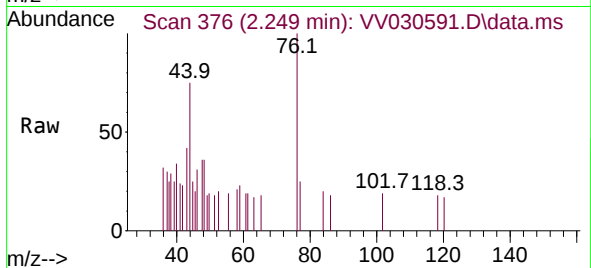
Tgt Ion: 43 Resp: 3132
Ion Ratio Lower Upper
43 100
58 12.5 0.0 52.8



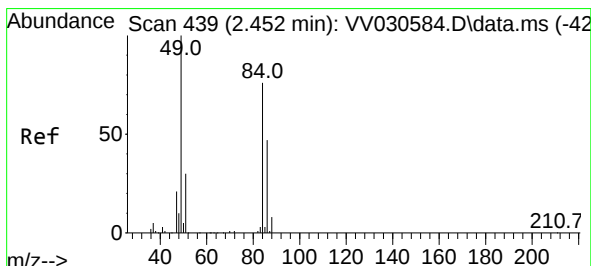
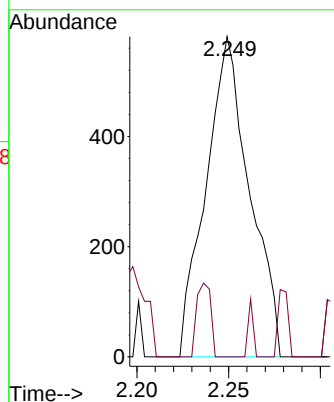
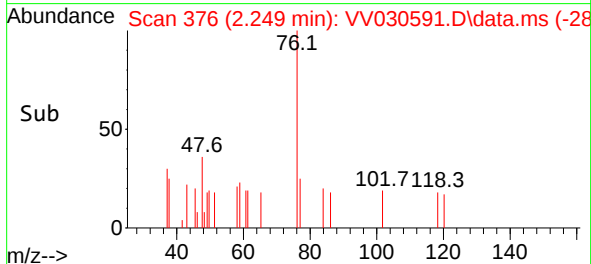


#14
Carbon disulfide
Concen: 1.161 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11

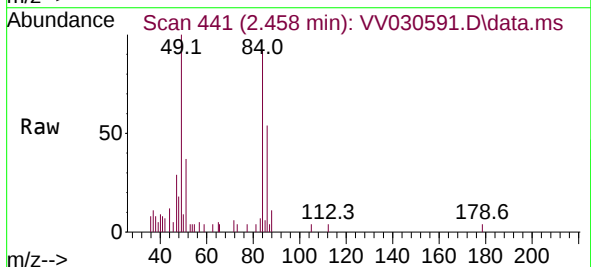
Instrument :
MSVOA_V
ClientSampleId :



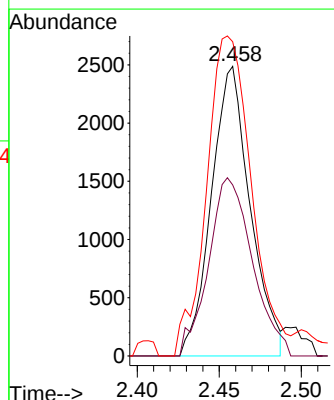
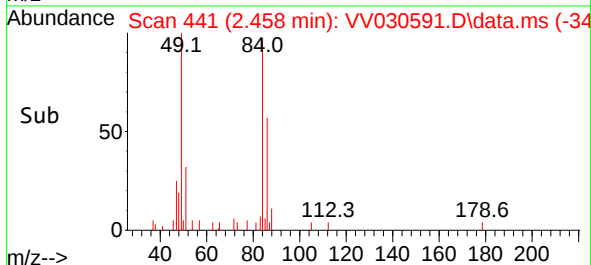
Tgt Ion: 76 Resp: 962
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

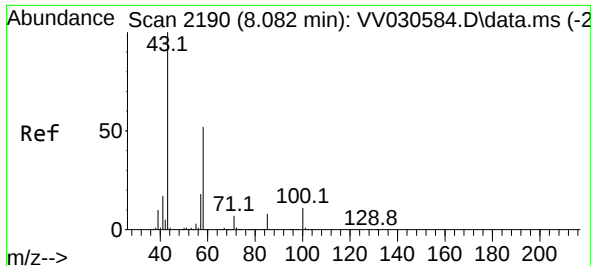


#16
Methylene chloride
Concen: 12.195 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV030591.D
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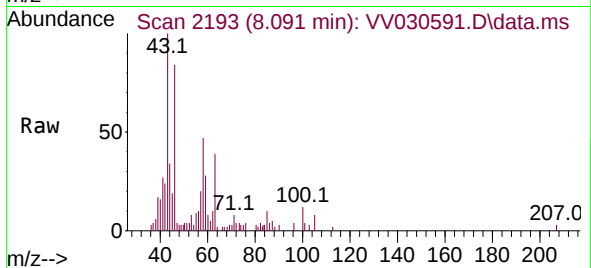
Tgt Ion: 84 Resp: 4094
Ion Ratio Lower Upper
84 100
86 59.1 45.4 84.2
49 108.5 90.4 168.0



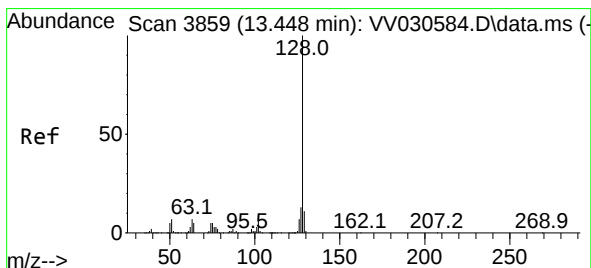
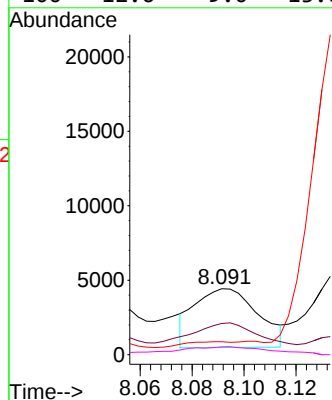
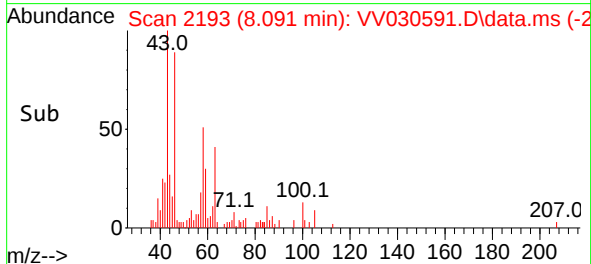


#48
2-Hexanone
Concen: 16.034 ug/L
RT: 8.091 min Scan# 2190
Delta R.T. 0.009 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11

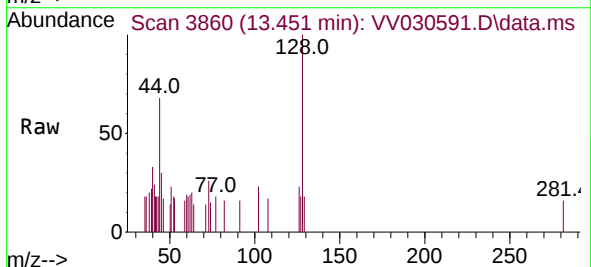
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 6682
Ion Ratio	Lower Upper
43 100	
58 56.3	41.4 62.0
57 15.1	14.9 22.3
100 12.6	9.0 13.6



#71
Naphthalene
Concen: 0.891 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030591.D
Acq: 17 Apr 2023 16:11



Tgt Ion:128	Resp: 1062		
Ion Ratio	Lower	Upper	
128 100			
127 12.1	10.7	16.1	
129 7.2	8.6	13.0#	

