

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033199.D
 Acq On : 08 Dec 2023 18:35
 Operator : SY/MD
 Sample : 05689-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G89

Quant Time: Dec 09 01:33:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

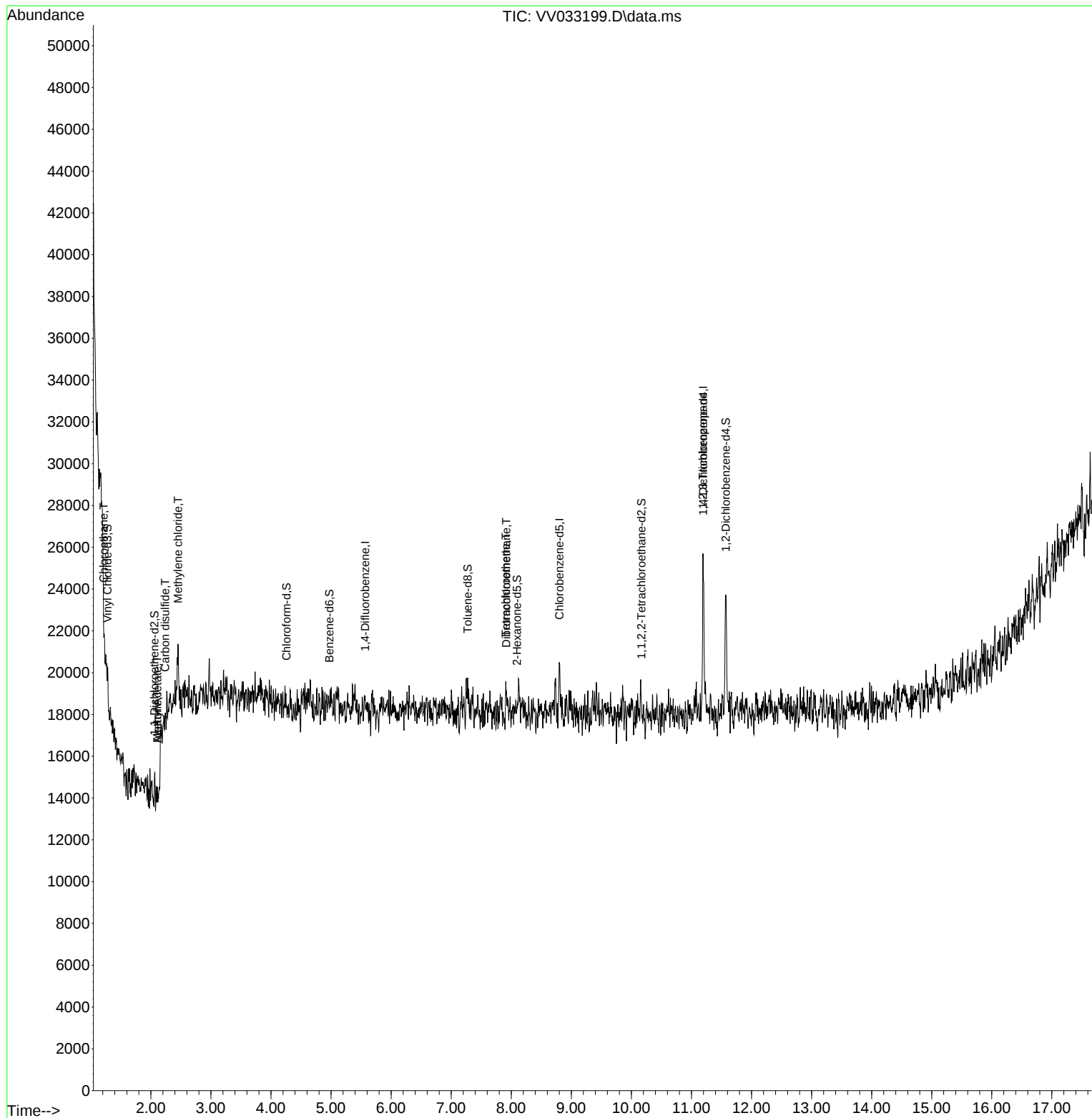
Internal Standards						
1) 1,4-Difluorobenzene	5.568	114	565	50.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.802	117	1913	50.000	ug/L	# 0.02
58) 1,4-Dichlorobenzene-d4	11.194	152	2664	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	209	61.879	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	123.760%	
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	50.000	Range 70 - 130	Recovery	=	0.000%#	
11) 1,1-Dichloroethene-d2	2.060	65	76	59.148	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	118.300%	
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	4.259	84	133	18.555	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	37.120%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	50.000	Range 70 - 125	Recovery	=	0.000%#	
32) Benzene-d6	4.973	84	211	4.716	ug/L	0.02
Spiked Amount	50.000	Range 70 - 125	Recovery	=	9.440%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	50.000	Range 70 - 120	Recovery	=	0.000%#	
41) Toluene-d8	7.275	98	1165	27.296	ug/L	0.03
Spiked Amount	50.000	Range 80 - 120	Recovery	=	54.600%#	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range 60 - 125	Recovery	=	0.000%#	
47) 2-Hexanone-d5	8.095	63	70	14.484	ug/L	0.07
Spiked Amount	100.000	Range 45 - 130	Recovery	=	14.480%#	
56) 1,1,2,2-Tetrachloroeth...	10.169	84	459	26.841	ug/L	0.02
Spiked Amount	50.000	Range 65 - 120	Recovery	=	53.680%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	2233	47.111	ug/L	0.01
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.220%	
Target Compounds						
8) Chloroethane	1.214	64	44	21.156	ug/L #	43
13) Acetone	2.108	43	145	90.540	ug/L #	43
14) Carbon disulfide	2.237	76	68	6.691	ug/L #	75
15) Methyl Acetate	2.108	43	145	54.323	ug/L #	47
16) Methylene chloride	2.455	84	1146	305.531	ug/L #	72
46) Tetrachloroethene	7.908	164	127	10.201	ug/L #	84
49) Dibromochloromethane	7.918	129	113	7.277	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	172	5.178	ug/L #	52

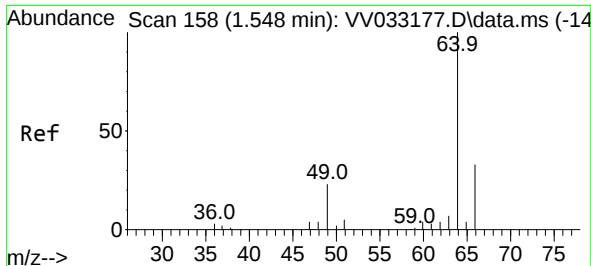
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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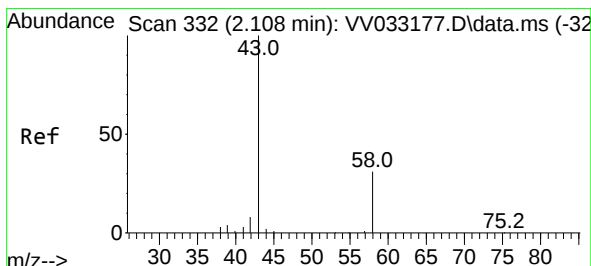
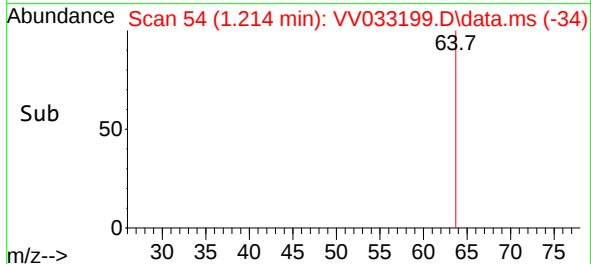
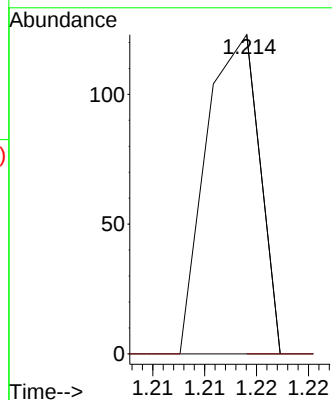
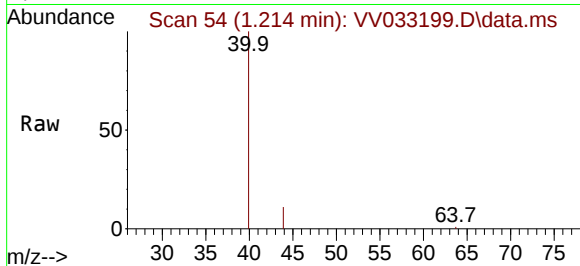




#8
Chloroethane
Concen: 21.156 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.334 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

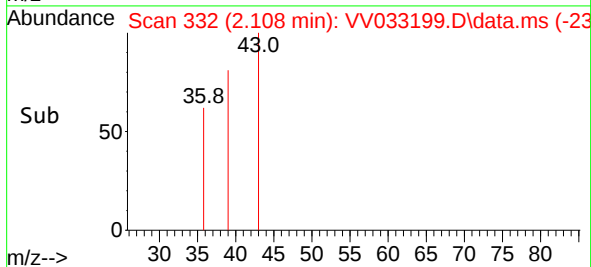
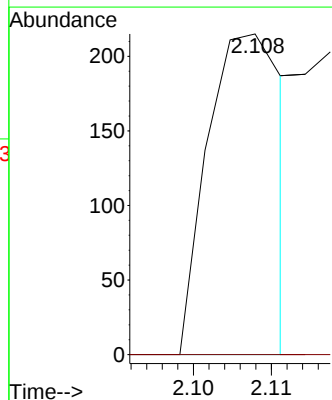
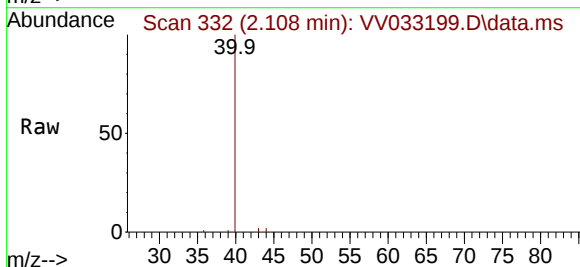
Instrument :
MSVOA_V
ClientSampleId :
C0G89

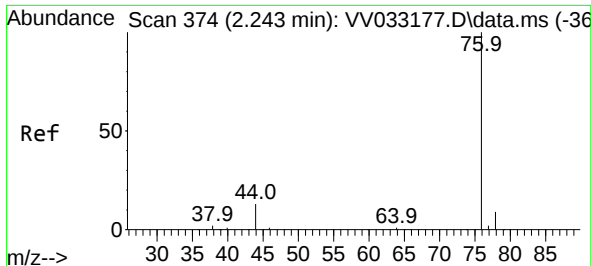
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#13
Acetone
Concen: 90.540 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 0.0 0.0 62.8

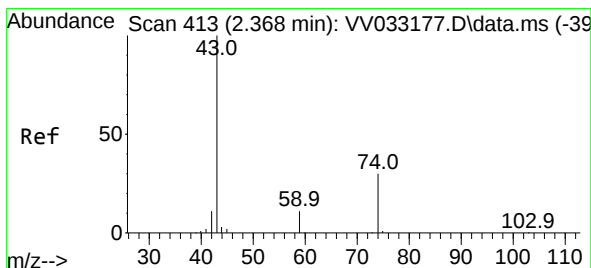
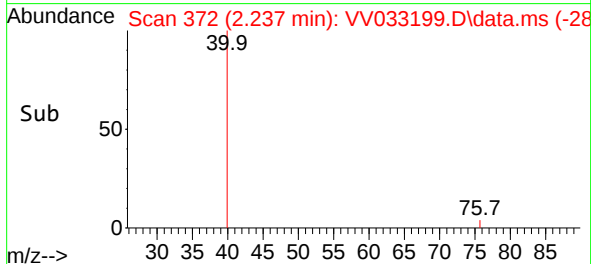
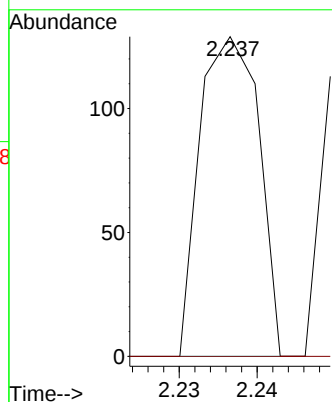
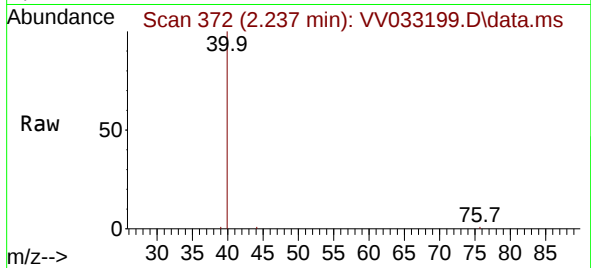




#14
Carbon disulfide
Concen: 6.691 ug/L
RT: 2.237 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

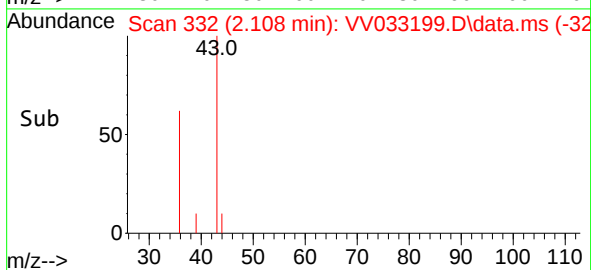
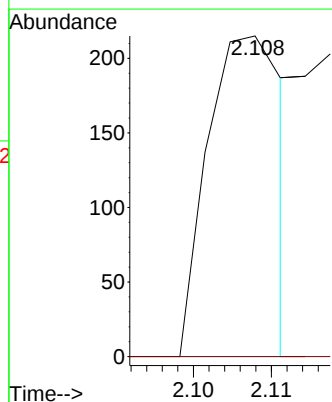
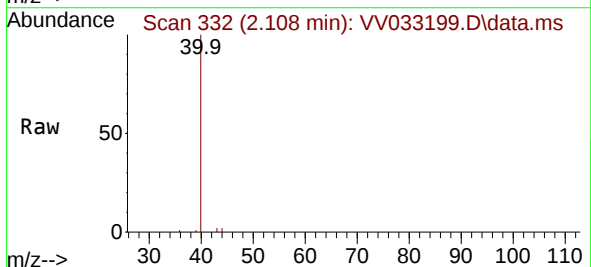
Instrument :
MSVOA_V
ClientSampleId :
C0G89

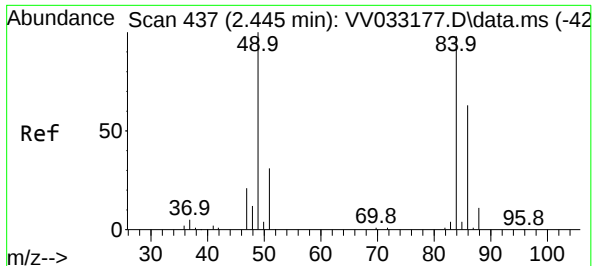
Tgt Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#15
Methyl Acetate
Concen: 54.323 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.260 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 22.6 33.8#

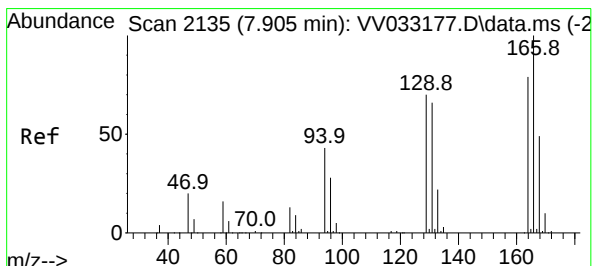
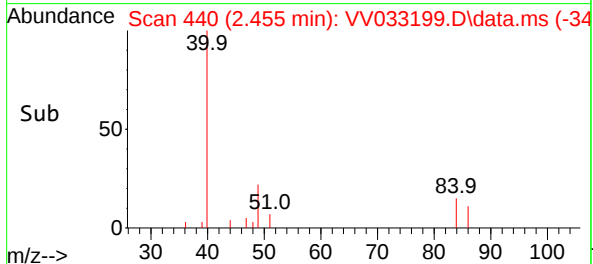
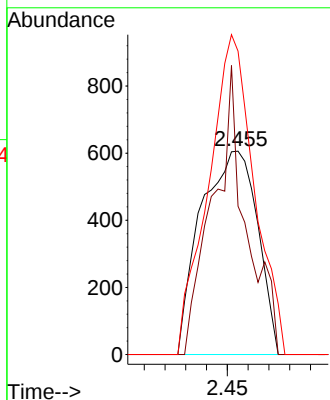
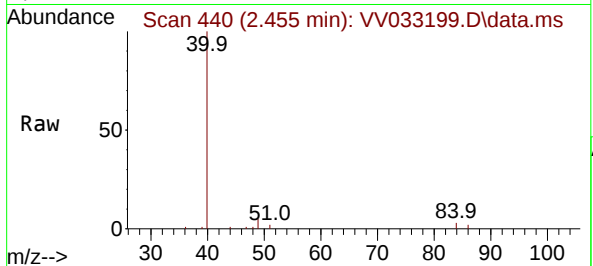




#16
Methylene chloride
Concen: 305.531 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.010 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

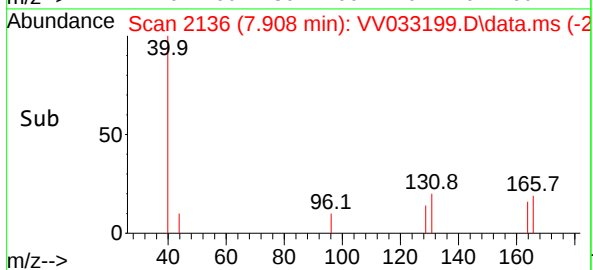
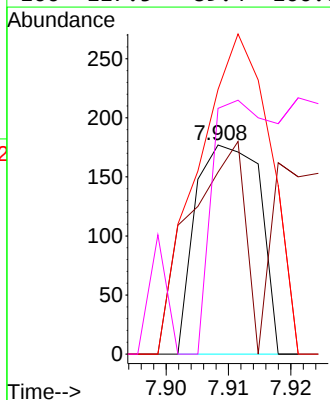
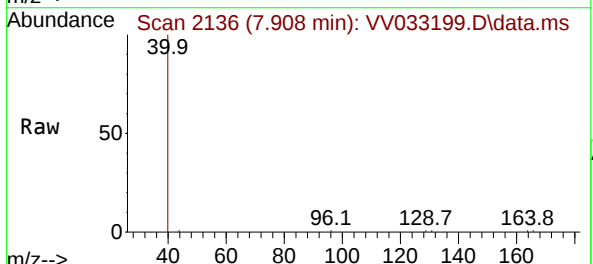
Instrument :
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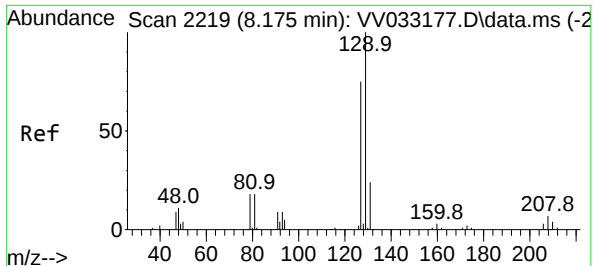
Tgt Ion: 84 Resp: 1146
Ion Ratio Lower Upper
84 100
86 72.9 45.9 85.3
49 149.2 75.5 140.1#



#46
Tetrachloroethene
Concen: 10.201 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033199.D
Acq: 08 Dec 2023 18:35

Tgt Ion:164 Resp: 127
Ion Ratio Lower Upper
164 100
129 87.0 65.6 121.8
131 126.6 64.7 120.1#
166 117.5 89.4 166.0





#49

Dibromochloromethane

Concen: 7.277 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.257 min

Lab File: VV033199.D

Acq: 08 Dec 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

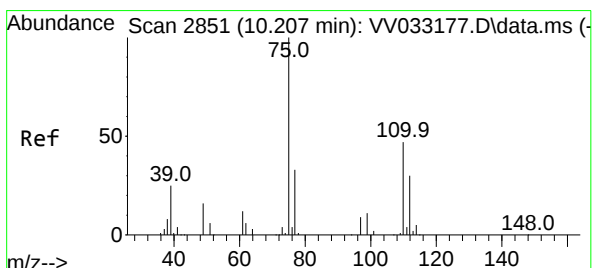
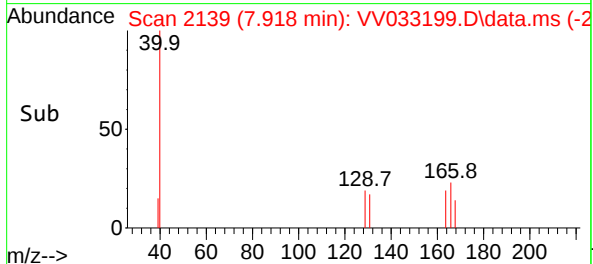
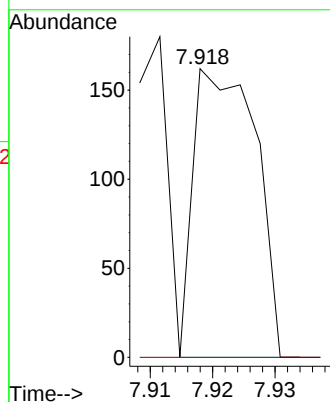
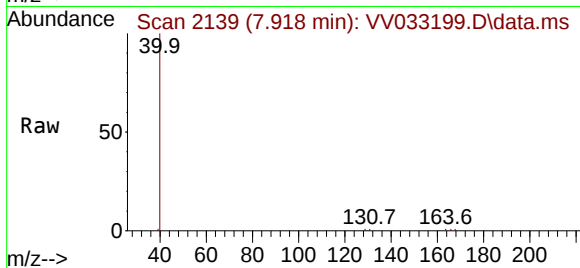
C0G89

Tgt Ion:129 Resp: 113

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 5.178 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.984 min

Lab File: VV033199.D

Acq: 08 Dec 2023 18:35

Tgt Ion: 75 Resp: 172

Ion Ratio Lower Upper

75 100

77 25.0 27.0 40.6#

110 0.0 38.1 57.1#

