

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037426.D
 Acq On : 20 Sep 2024 12:36
 Operator : SY/MD
 Sample : P3994-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:34:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

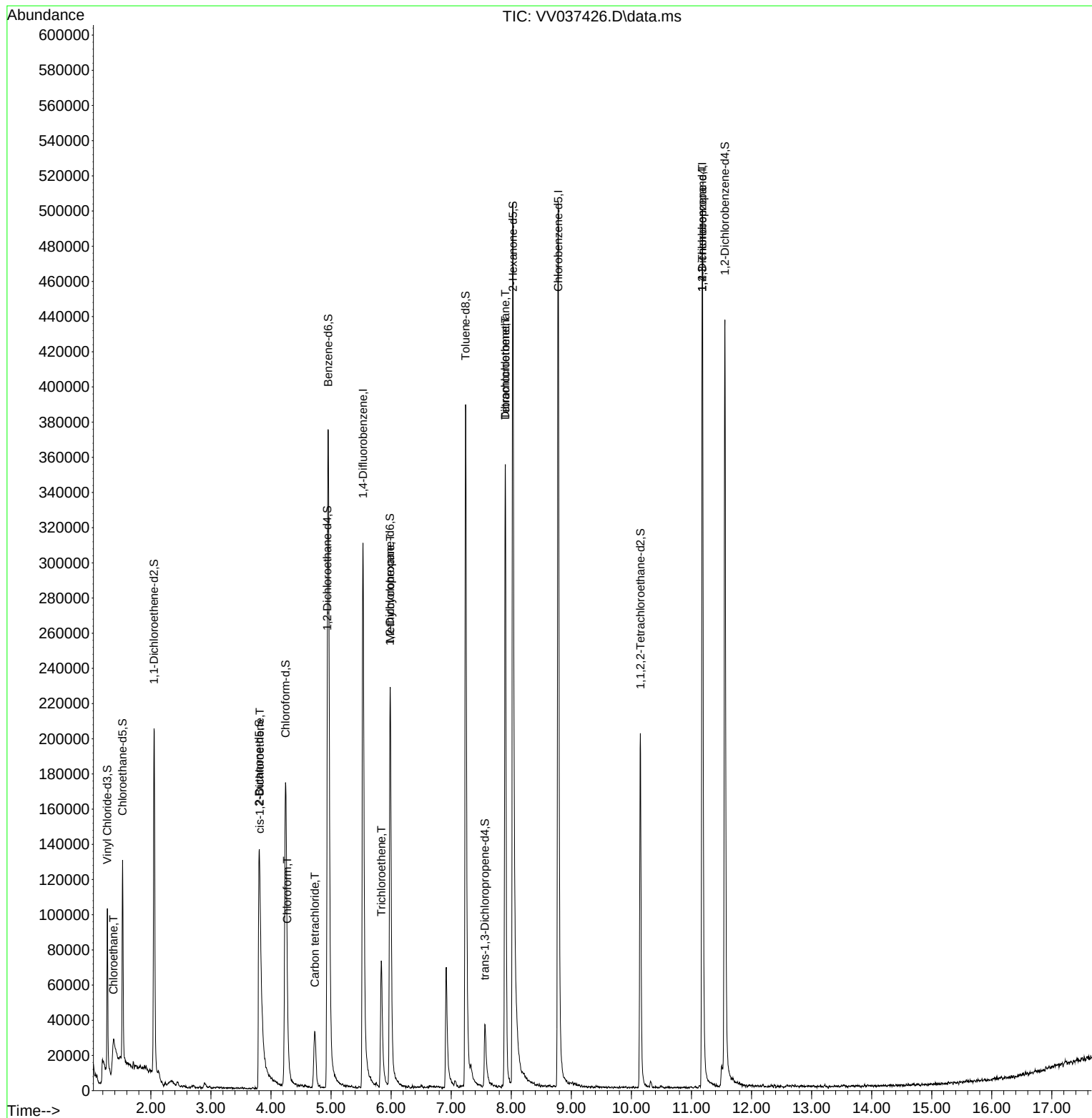
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58698	3.373	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.529	69	74599	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.053	65	32374	3.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.802	46	244154	46.952	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	4.243	84	192627	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.937	65	95282	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.953	84	353054	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.982	67	122023	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.239	98	282839	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.561	79	30771	3.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.027	63	200582	49.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103371	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	119988	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.378	64	56932	3.277	ug/L #	54
22) cis-1,2-Dichloroethene	3.815	96	8018	0.339	ug/L	93
25) Chloroform	4.272	83	14159	0.337	ug/L	95
31) Carbon tetrachloride	4.728	117	26246	0.856	ug/L	98
34) Trichloroethene	5.838	95	29283	1.187	ug/L	99
35) Methylcyclohexane	5.985	83	28517	0.760	ug/L #	19
47) Tetrachloroethene	7.902	164	79759	4.516	ug/L	98
49) Dibromochloromethane	7.902	129	75859	4.342	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	17536	1.397	ug/L #	67

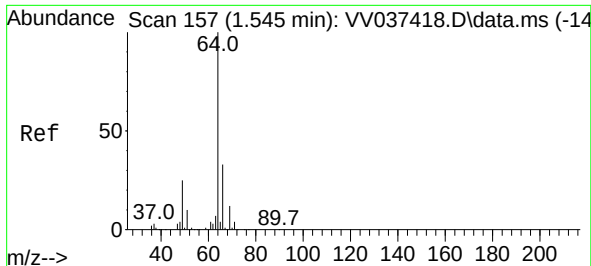
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 23:34:54 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 23:32:27 2024
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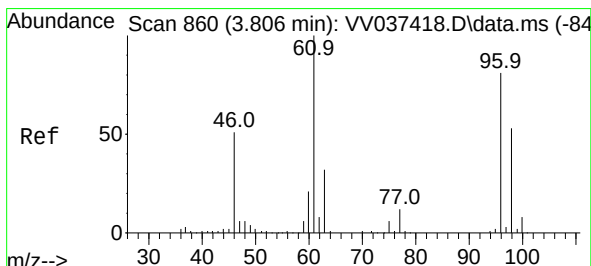
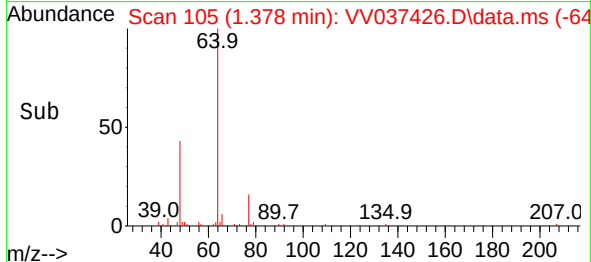
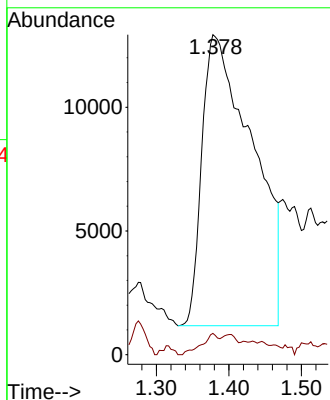
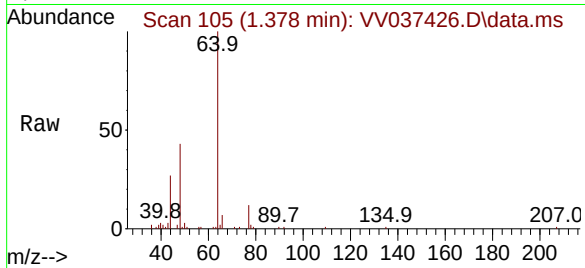




#8
Chloroethane
Concen: 3.277 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.167 min
Lab File: VV037426.D
Acq: 20 Sep 2024 12:36

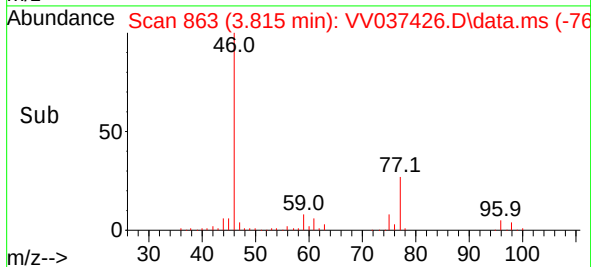
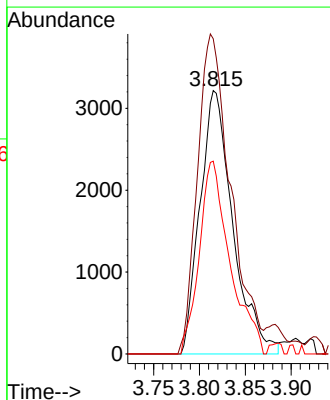
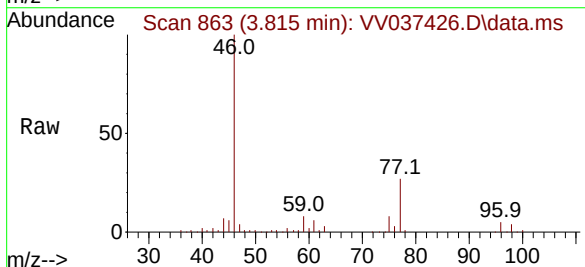
Instrument :
MSVOA_V
ClientSampleId :

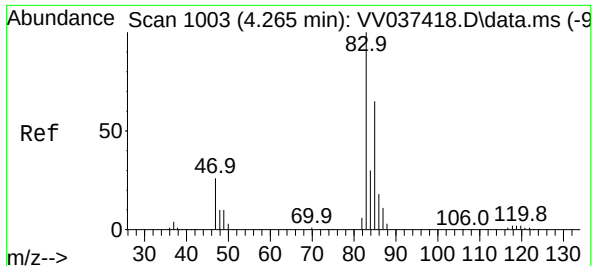
Tgt Ion: 64 Resp: 56932
Ion Ratio Lower Upper
64 100
66 6.6 22.7 42.1#



#22
cis-1,2-Dichloroethene
Concen: 0.339 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.009 min
Lab File: VV037426.D
Acq: 20 Sep 2024 12:36

Tgt Ion: 96 Resp: 8018
Ion Ratio Lower Upper
96 100
61 119.7 87.6 162.6
98 73.2 44.9 83.5





#25

Chloroform

Concen: 0.337 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037426.D

Acq: 20 Sep 2024 12:36

Instrument :

MSVOA_V

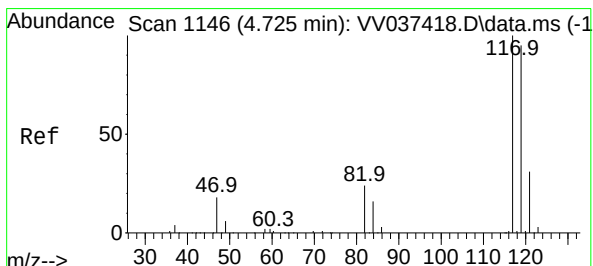
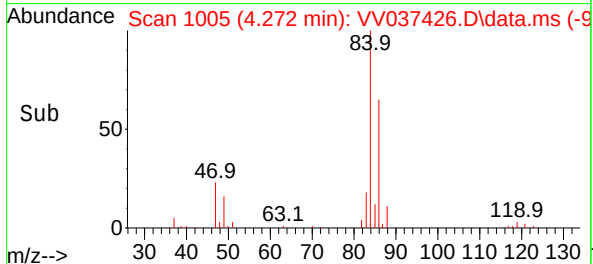
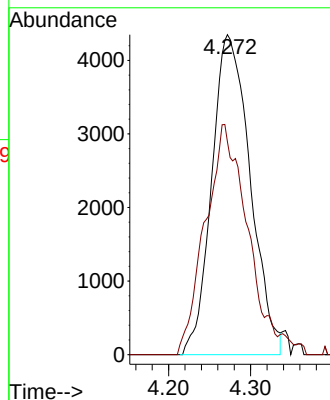
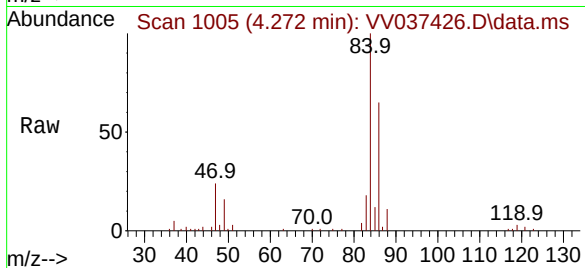
ClientSampleId :

Tgt Ion: 83 Resp: 14159

Ion Ratio Lower Upper

83 100

85 66.6 43.8 81.4



#31

Carbon tetrachloride

Concen: 0.856 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV037426.D

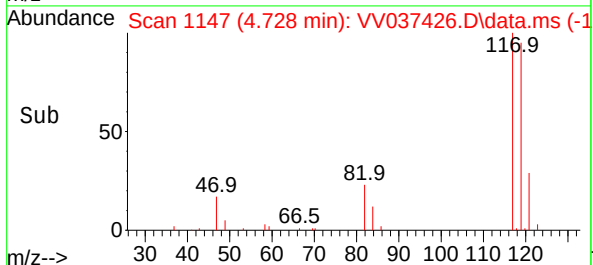
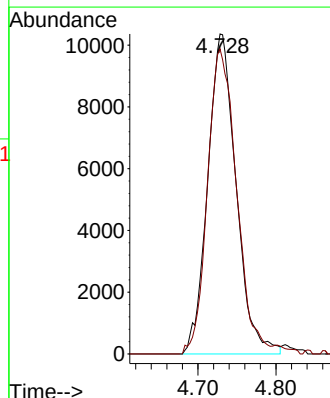
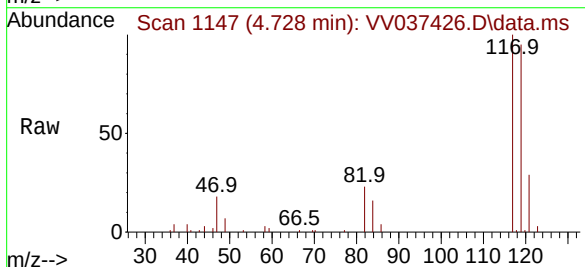
Acq: 20 Sep 2024 12:36

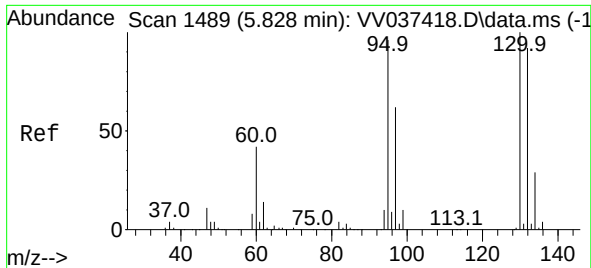
Tgt Ion: 117 Resp: 26246

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.4



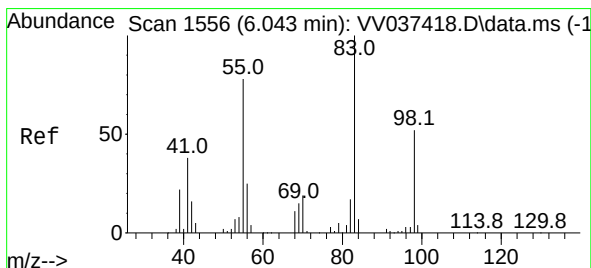
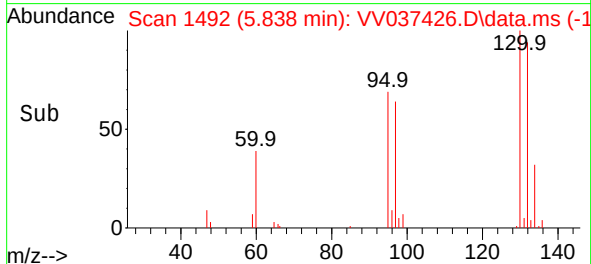
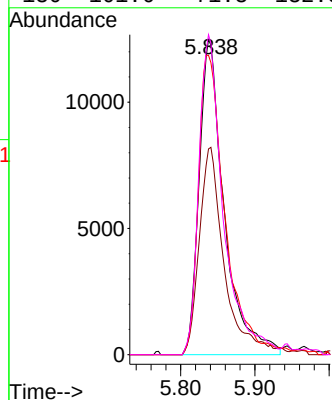
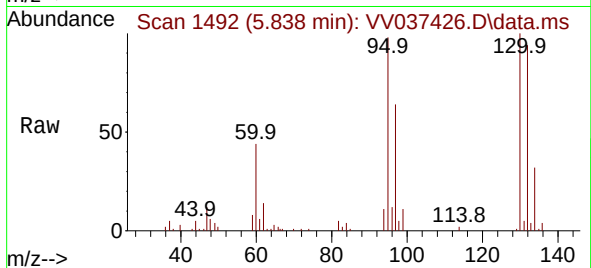


#34
 Trichloroethene
 Concen: 1.187 ug/L
 RT: 5.838 min Scan# 1489
 Delta R.T. 0.009 min
 Lab File: VV037426.D
 Acq: 20 Sep 2024 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 29283

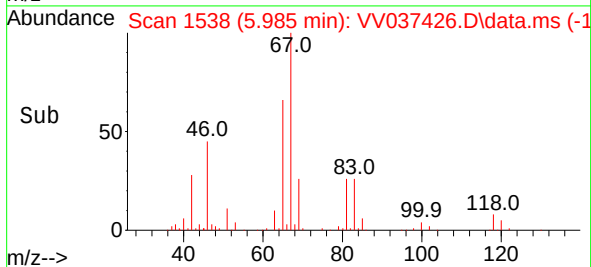
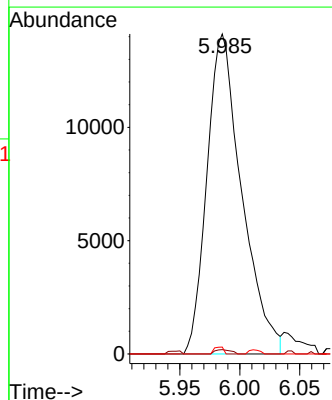
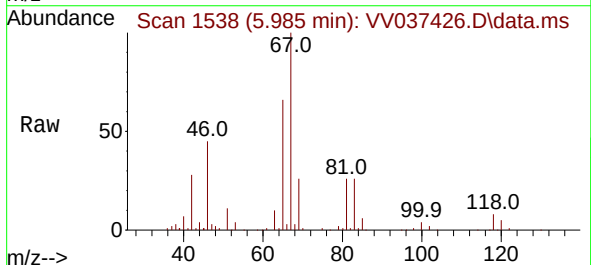
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.5	86.5
132	95.0	65.5	121.7
130	101.6	71.3	132.3

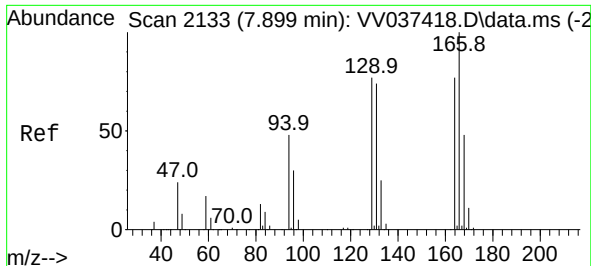


#35
 Methylcyclohexane
 Concen: 0.760 ug/L
 RT: 5.985 min Scan# 1538
 Delta R.T. -0.058 min
 Lab File: VV037426.D
 Acq: 20 Sep 2024 12:36

Tgt Ion: 83 Resp: 28517

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.3	90.5#
98	0.6	38.2	57.4#





#47

Tetrachloroethene

Concen: 4.516 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

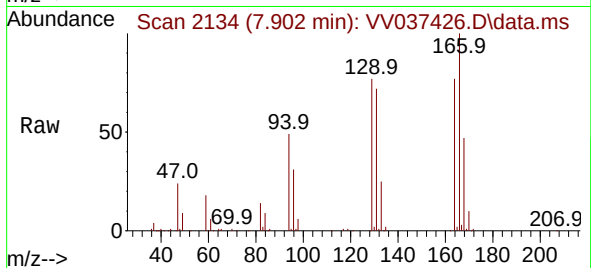
Lab File: VV037426.D

Acq: 20 Sep 2024 12:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 79759

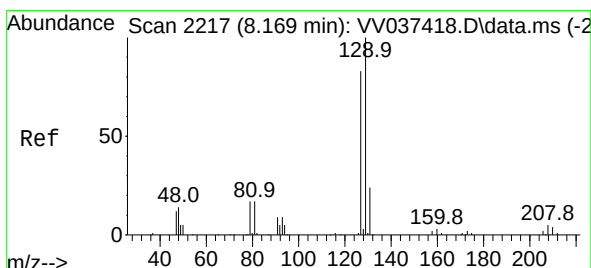
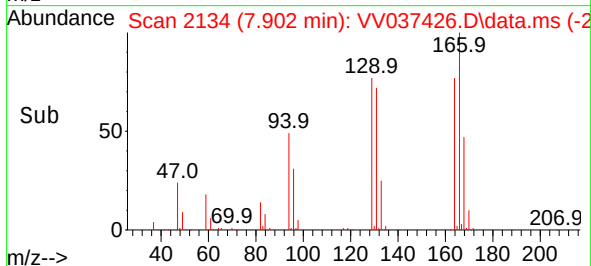
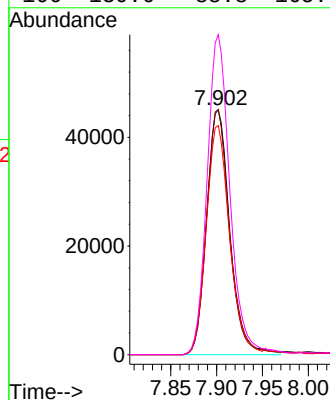
Ion Ratio Lower Upper

164 100

129 100.0 69.2 128.4

131 93.5 66.6 123.8

166 130.6 88.8 165.0



#49

Dibromochloromethane

Concen: 4.342 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.267 min

Lab File: VV037426.D

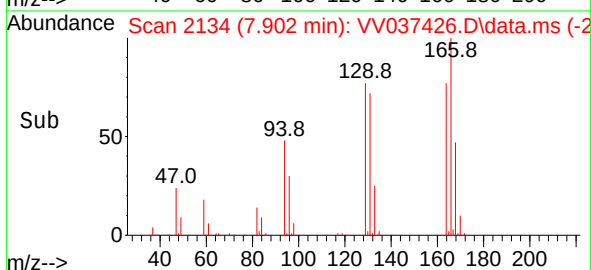
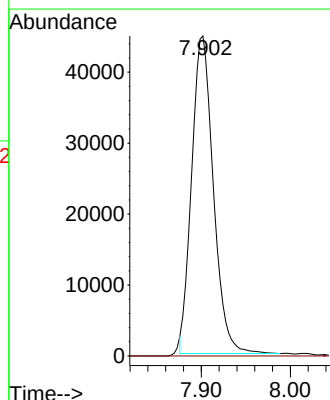
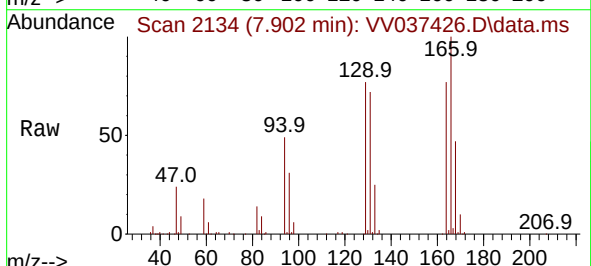
Acq: 20 Sep 2024 12:36

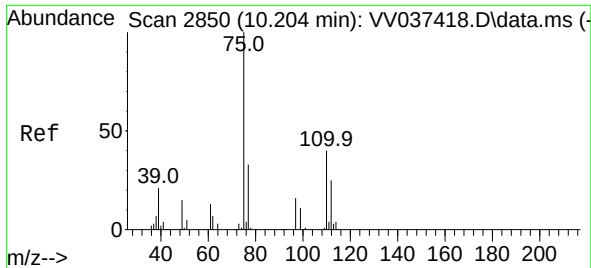
Tgt Ion:129 Resp: 75859

Ion Ratio Lower Upper

129 100

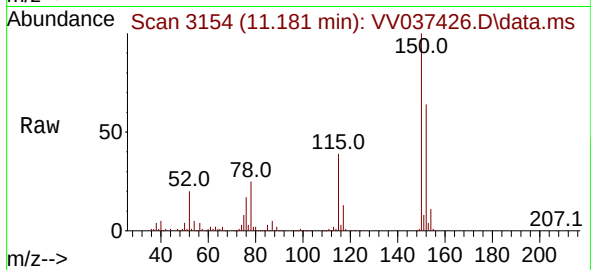
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.397 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV037426.D
 Acq: 20 Sep 2024 12:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	17536
Ion Ratio	Lower	Upper
75	100	
77	32.7	25.6 38.4
110	2.6	31.0 46.4#

