

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030947.D
 Acq On : 01 May 2023 11:48
 Operator : SY/MD
 Sample : 02528-02 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA34

Quant Time: May 02 01:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

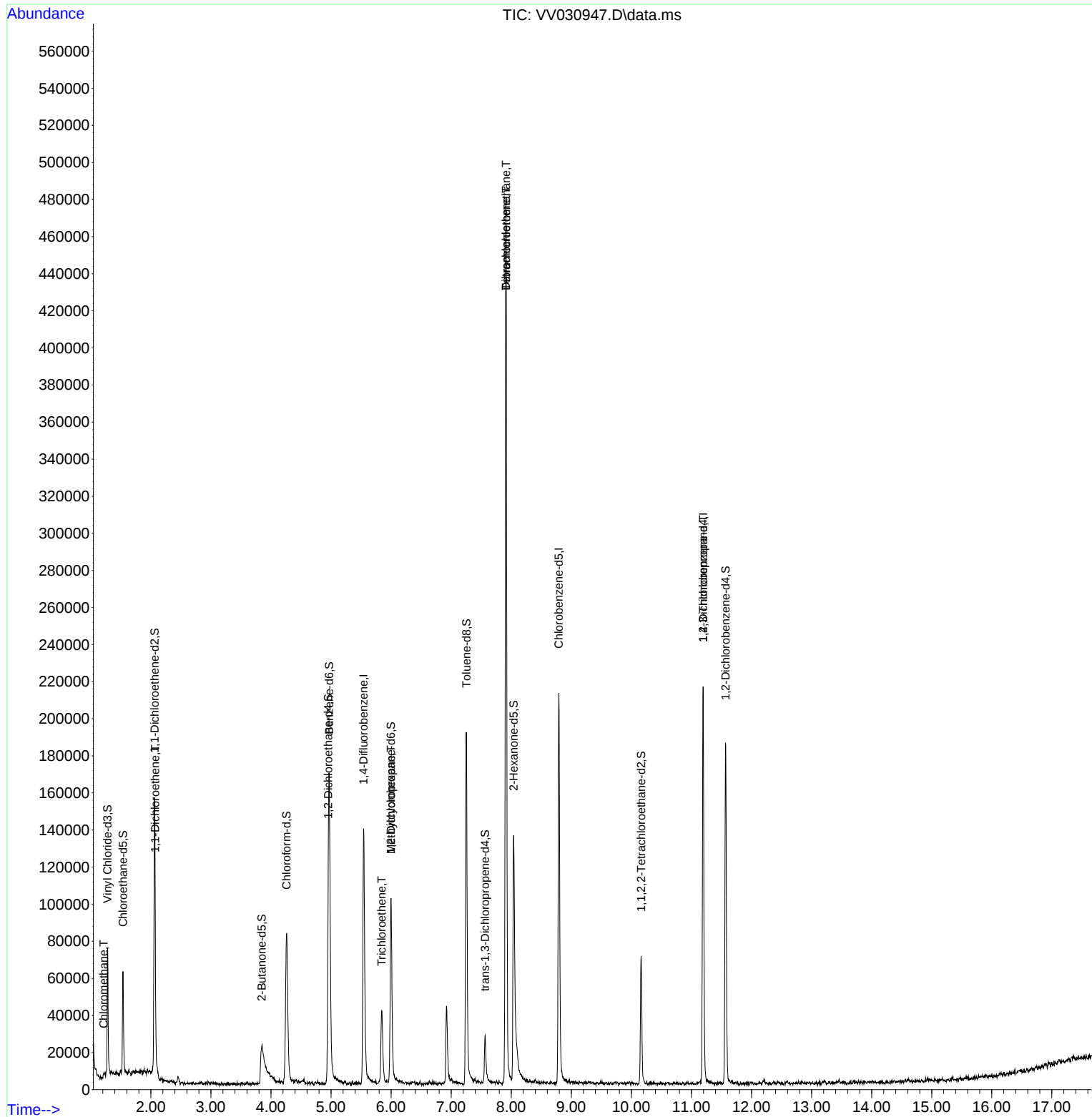
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46037	4.757	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.535	69	37629	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.063	65	23641	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.847	46	53633	31.254	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.500%
24) Chloroform-d	4.259	84	83894	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.953	65	42738	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.969	84	144018	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.998	67	42268	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.252	98	129484	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.564	79	15783	4.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.040	63	51595	39.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.080%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29386	4.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	49645	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	966	0.089	ug/L	83
12) 1,1-Dichloroethene	2.072	96	5682	0.719	ug/L #	1
34) Trichloroethene	5.844	95	13380	1.712	ug/L	98
35) Methylcyclohexane	5.998	83	11066	0.914	ug/L #	20
47) Tetrachloroethene	7.911	164	104557	14.022	ug/L	96
49) Dibromochloromethane	7.911	129	87321	13.450	ug/L #	11
61) 1,2,3-Trichloropropane	11.194	75	6022	1.572	ug/L #	54

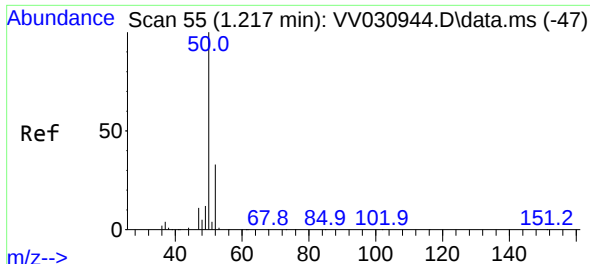
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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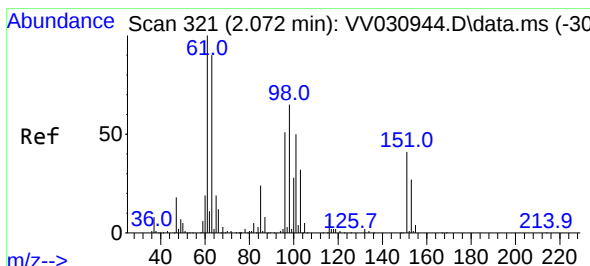
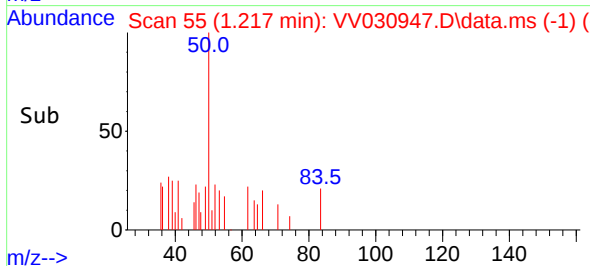
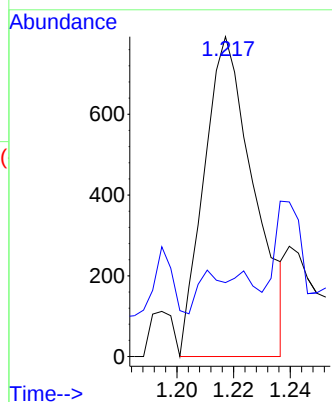
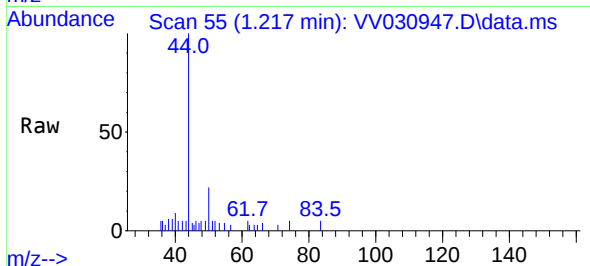




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030947.D
Acq: 01 May 2023 11:48

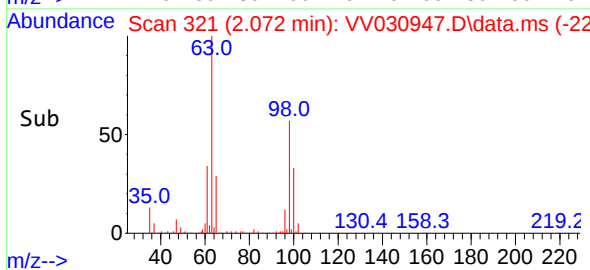
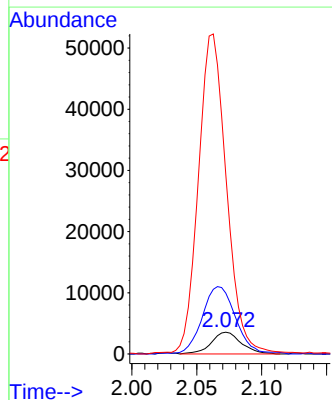
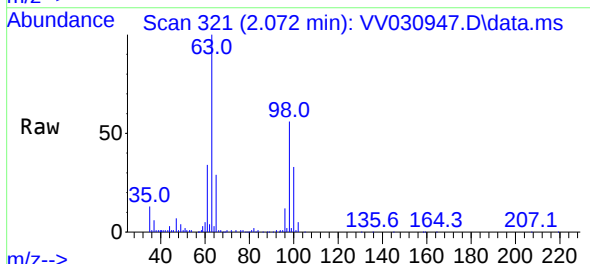
Instrument :
MSVOA_V
ClientSampleId :
HOA34

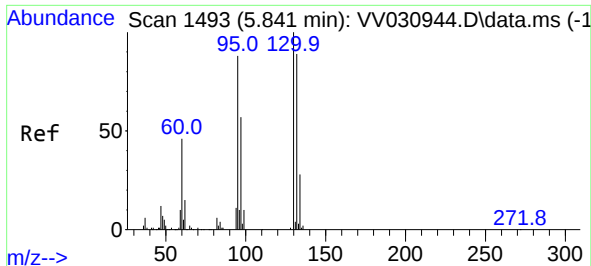
Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 23.1 22.8 42.4



#12
1,1-Dichloroethene
Concen: 0.719 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030947.D
Acq: 01 May 2023 11:48

Tgt Ion: 96 Resp: 5682
Ion Ratio Lower Upper
96 100
61 279.1 135.6 251.8#
63 822.7 121.1 224.9#

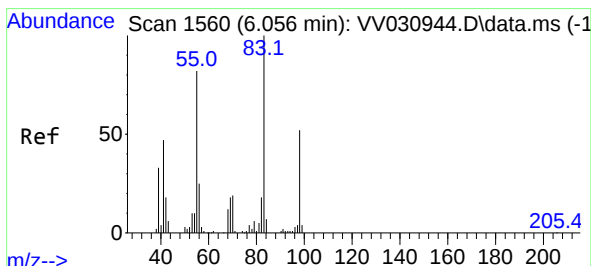
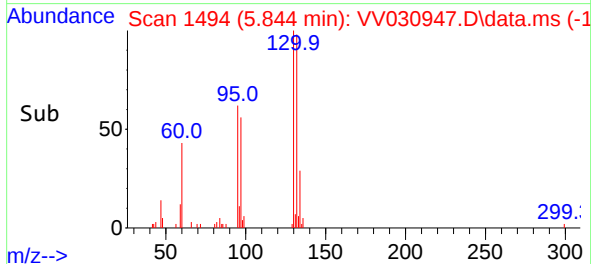
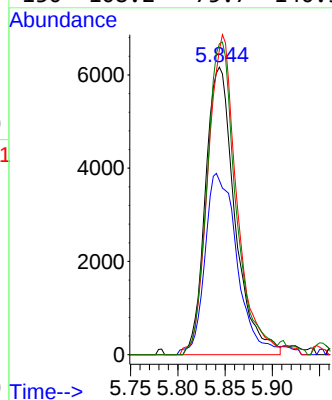
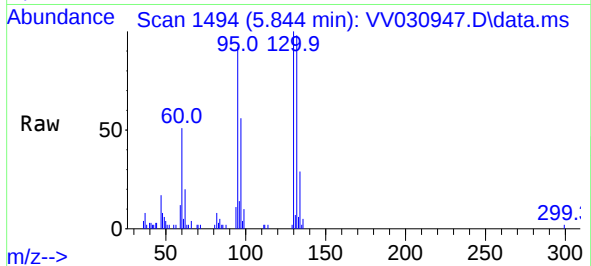




#34
Trichloroethene
Concen: 1.712 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030947.D
Acq: 01 May 2023 11:48

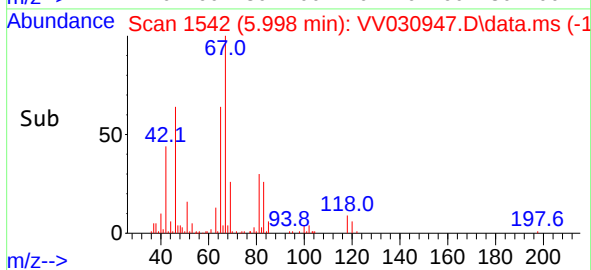
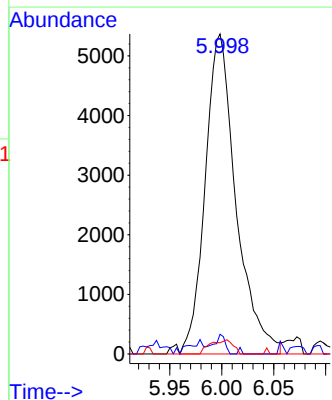
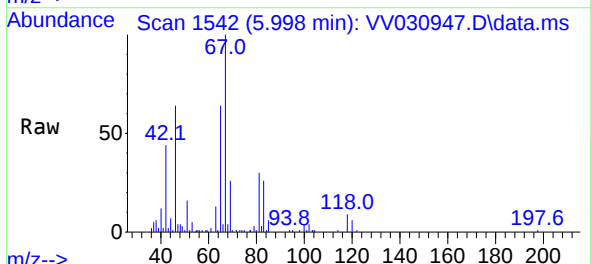
Instrument :
MSVOA_V
ClientSampleId :
HOA34

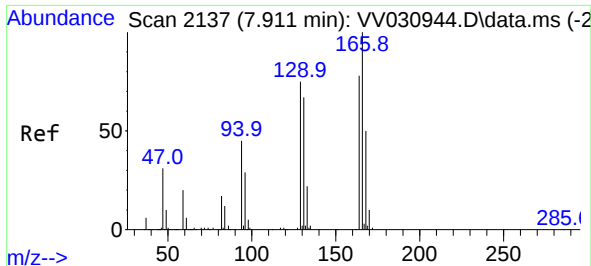
Tgt Ion:	95	Resp:	13380
Ion	Ratio	Lower	Upper
95	100		
97	60.6	46.2	85.8
132	106.1	72.7	135.1
130	108.2	75.7	140.5



#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030947.D
Acq: 01 May 2023 11:48

Tgt Ion:	83	Resp:	11066
Ion	Ratio	Lower	Upper
83	100		
55	2.1	62.9	94.3#
98	3.3	40.5	60.7#





#47

Tetrachloroethene

Concen: 14.022 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VV030947.D

Acq: 01 May 2023 11:48

Instrument :

MSVOA_V

ClientSampleId :

HOA34

Tgt Ion:164 Resp: 104557

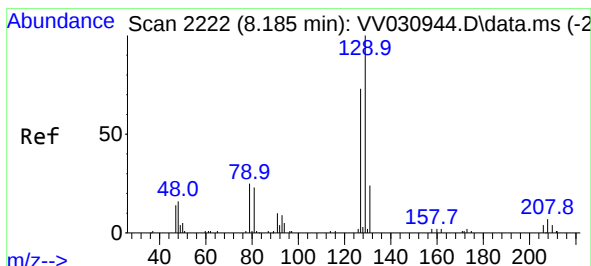
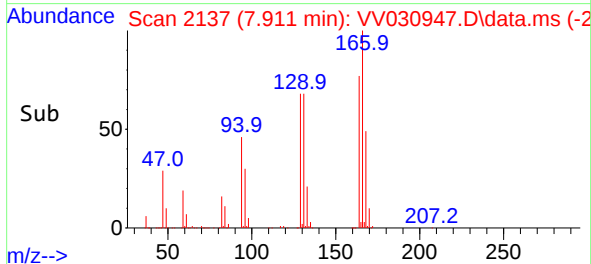
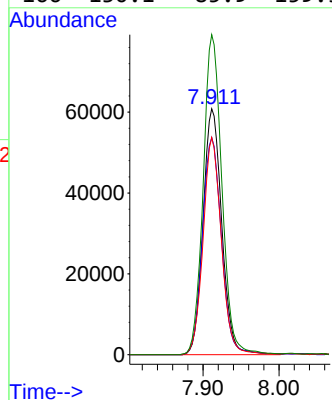
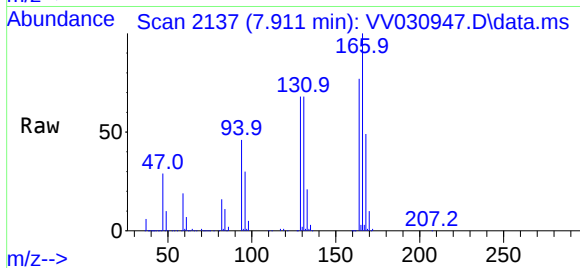
Ion Ratio Lower Upper

164 100

129 88.2 60.5 112.3

131 88.2 60.8 112.8

166 130.1 85.9 159.5



#49

Dibromochloromethane

Concen: 13.450 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030947.D

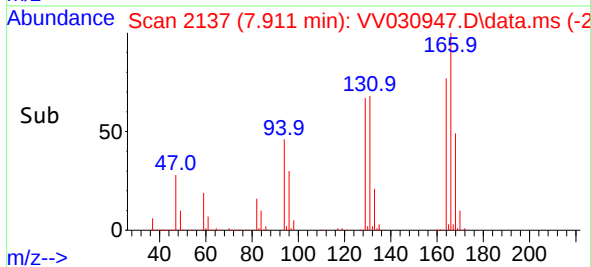
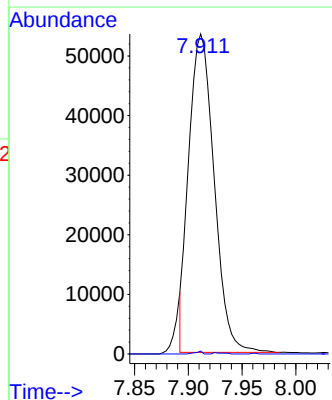
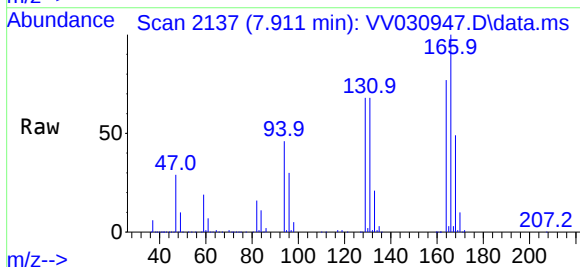
Acq: 01 May 2023 11:48

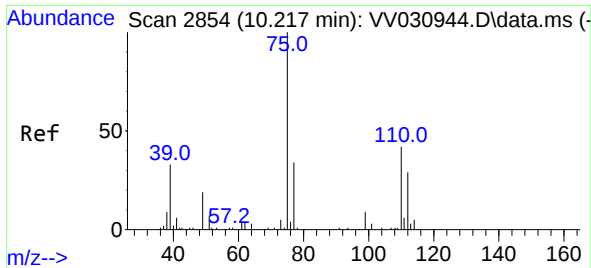
Tgt Ion:129 Resp: 87321

Ion Ratio Lower Upper

129 100

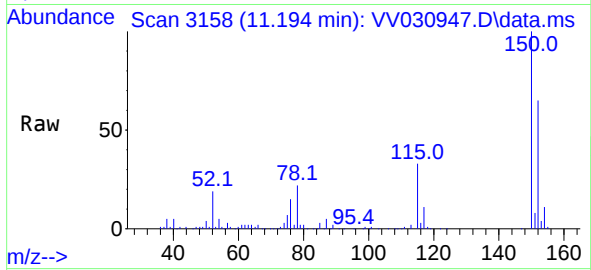
127 0.9 55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.572 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030947.D
 Acq: 01 May 2023 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA34



Tgt Ion: 75 Resp: 6022
 Ion Ratio Lower Upper
 75 100
 77 44.4 25.3 37.9#
 110 2.9 34.0 51.0#

