

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030949.D
 Acq On : 01 May 2023 12:37
 Operator : SY/MD
 Sample : 02528-04 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA36

Quant Time: May 02 01:33:20 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)

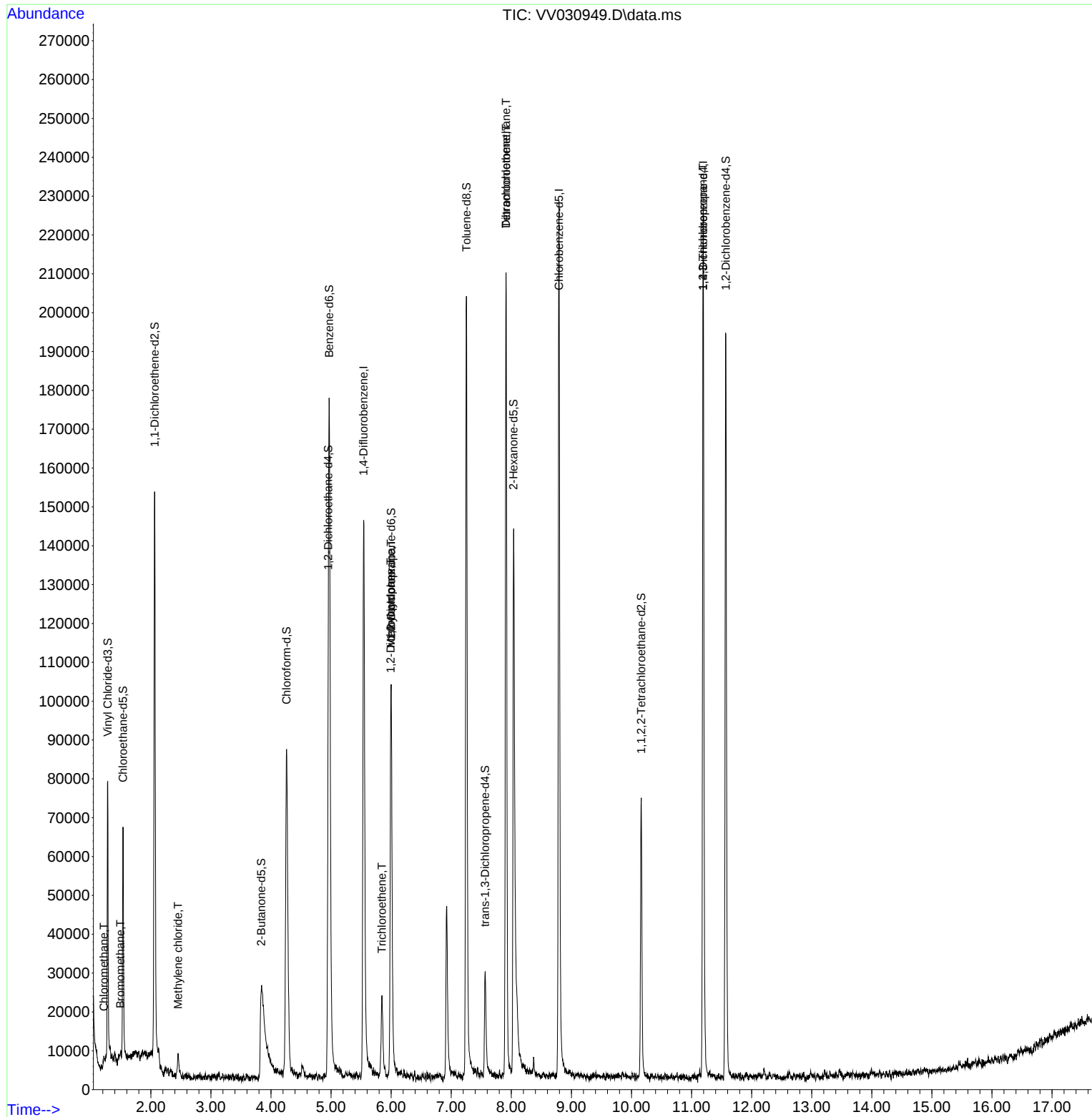
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129017	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46515	4.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.536	69	38142	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.063	65	24501	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.838	46	59265	31.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.880%
24) Chloroform-d	4.259	84	88201	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	4.953	65	44197	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	4.969	84	152254	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.998	67	43743	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.252	98	136868	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.564	79	16334	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.037	63	52167	37.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.420%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31226	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	51520	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1193	0.100	ug/L	95
6) Bromomethane	1.494	94	486	0.102	ug/L	86
16) Methylene chloride	2.452	84	2451	0.250	ug/L	91
34) Trichloroethene	5.844	95	6388	0.771	ug/L	93
35) Methylcyclohexane	5.995	83	11651	0.907	ug/L #	20
37) 1,2-Dichloropropane	5.992	63	6772	0.918	ug/L #	87
47) Tetrachloroethene	7.911	164	47590	6.020	ug/L	96
49) Dibromochloromethane	7.911	129	38754	5.630	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	7170	1.810	ug/L #	63

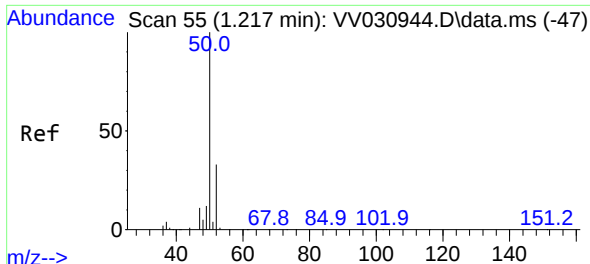
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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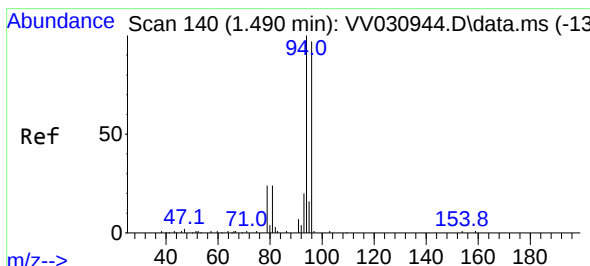
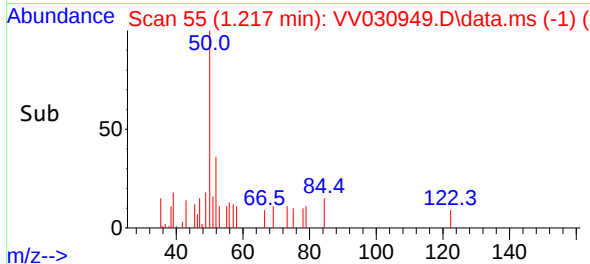
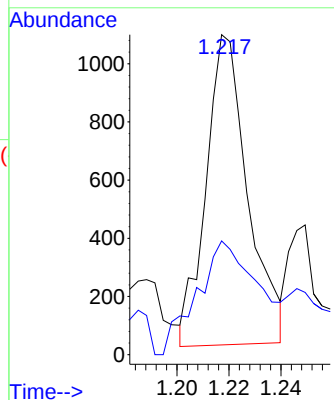
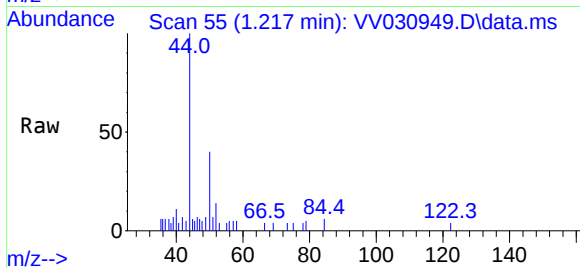




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

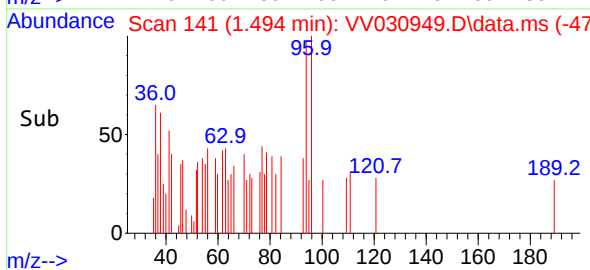
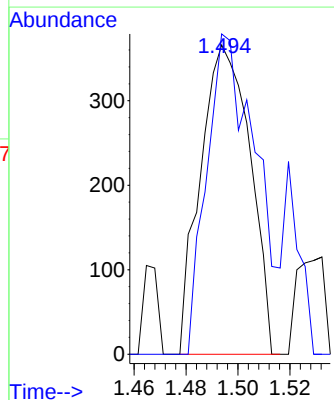
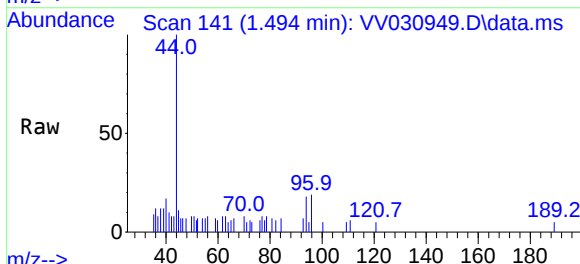
Instrument :
MSVOA_V
ClientSampleId :
HOA36

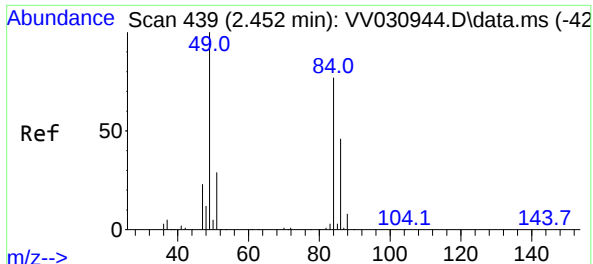
Tgt Ion: 50 Resp: 1193
Ion Ratio Lower Upper
50 100
52 35.5 22.8 42.4



#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 103.6 63.4 117.8

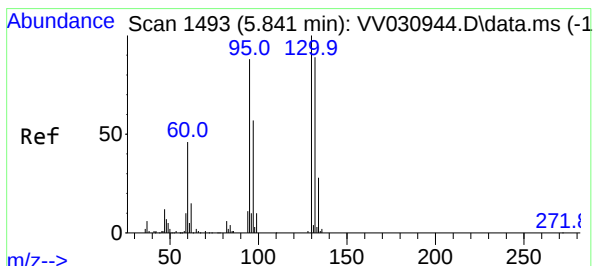
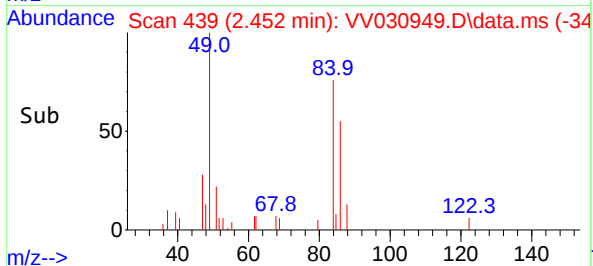
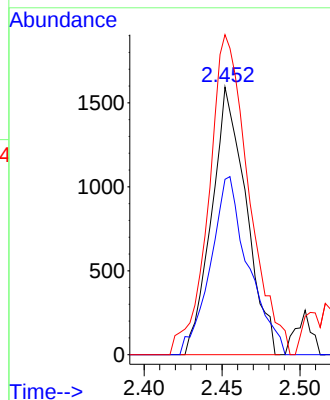
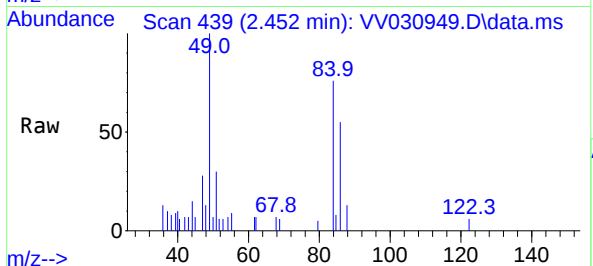




#16
Methylene chloride
Concen: 0.250 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

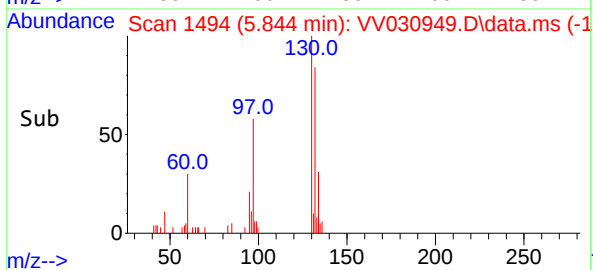
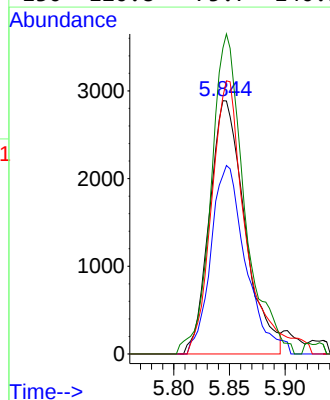
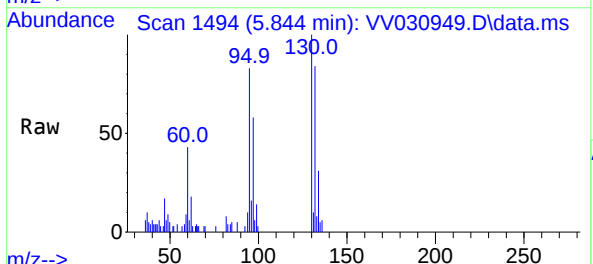
Instrument :
MSVOA_V
ClientSampleId :
HOA36

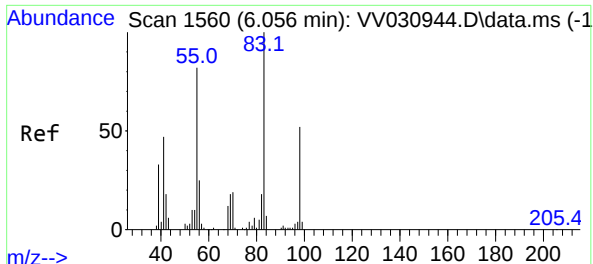
Tgt Ion: 84 Resp: 2451
Ion Ratio Lower Upper
84 100
86 65.6 46.1 85.5
49 119.6 94.3 175.1



#34
Trichloroethene
Concen: 0.771 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

Tgt Ion: 95 Resp: 6388
Ion Ratio Lower Upper
95 100
97 70.5 46.2 85.8
132 101.6 72.7 135.1
130 120.8 75.7 140.5





#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV030949.D

Acq: 01 May 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

HOA36

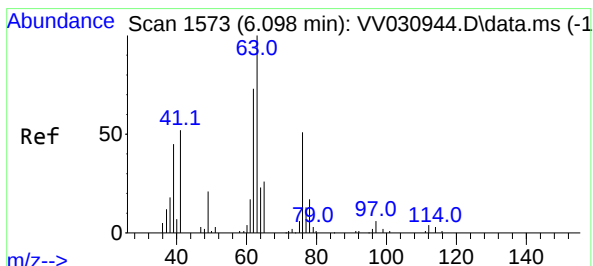
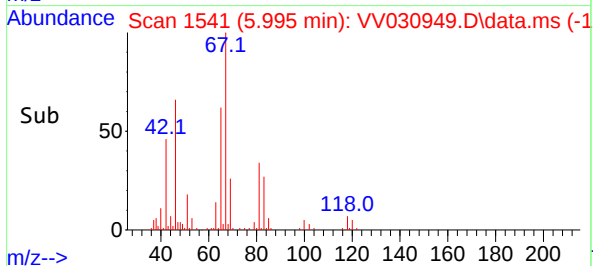
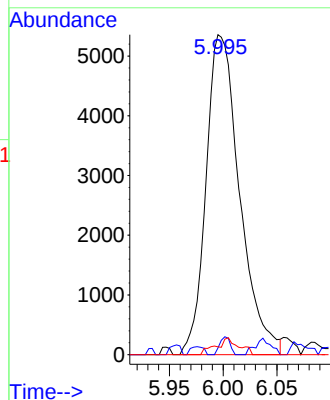
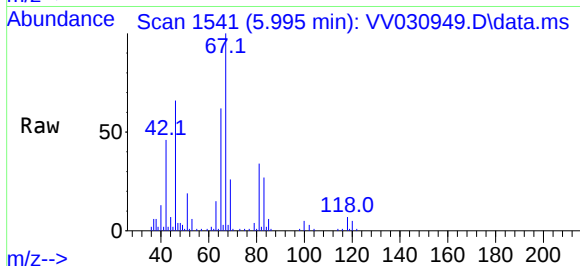
Tgt Ion: 83 Resp: 11651

Ion Ratio Lower Upper

83 100

55 1.7 62.9 94.3#

98 3.5 40.5 60.7#



#37

1,2-Dichloropropane

Concen: 0.918 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.109 min

Lab File: VV030949.D

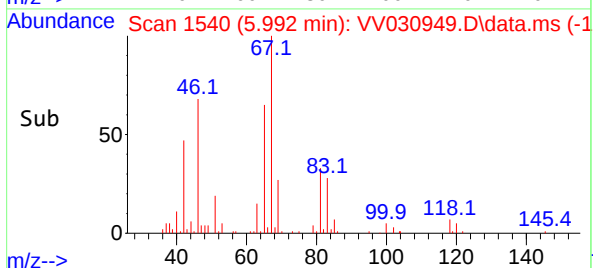
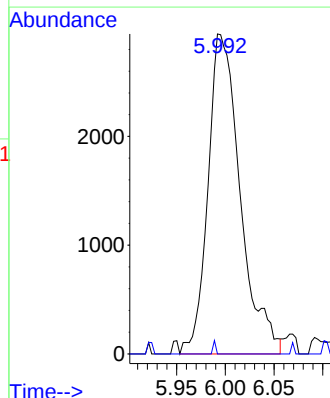
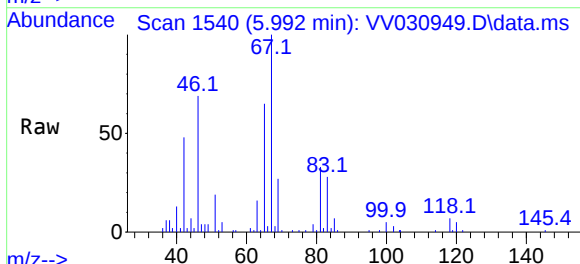
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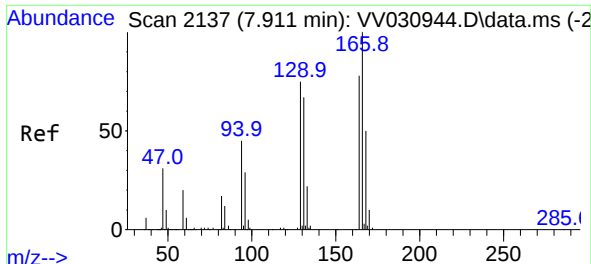
Tgt Ion: 63 Resp: 6772

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#

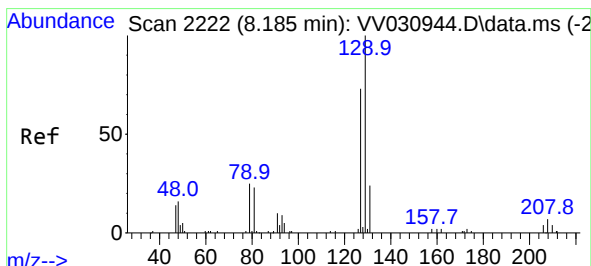
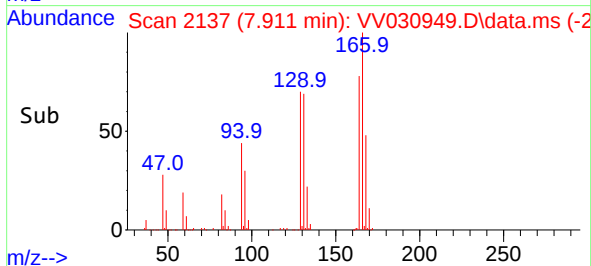
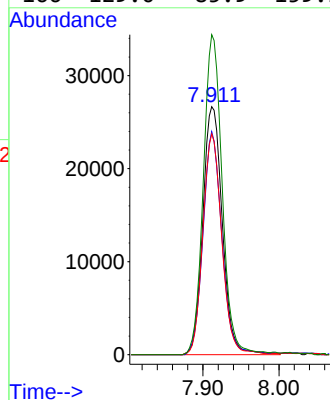
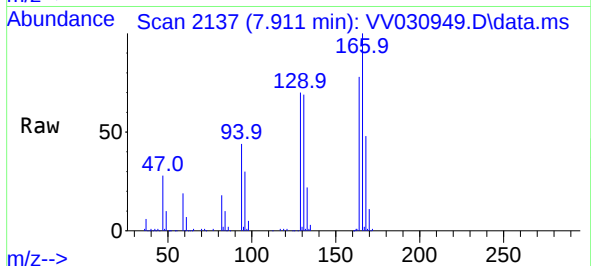




#47
Tetrachloroethene
Concen: 6.020 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

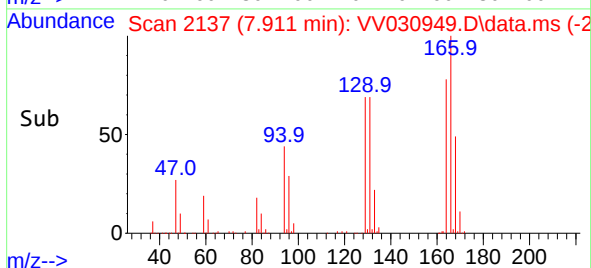
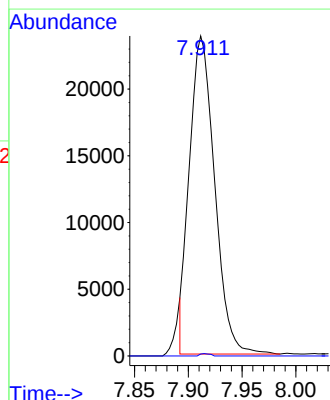
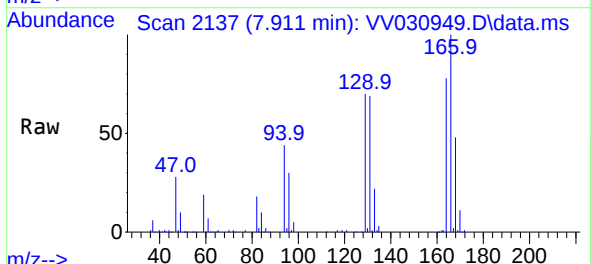
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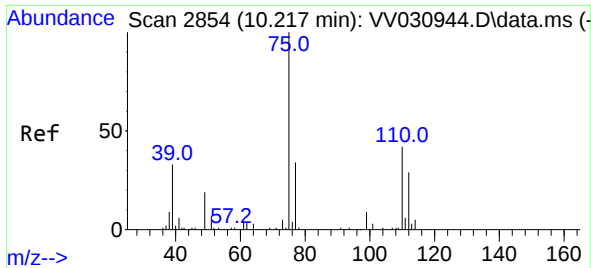
Tgt Ion:	164	Resp:	47590
Ion	Ratio	Lower	Upper
164	100		
129	89.9	60.5	112.3
131	89.0	60.8	112.8
166	129.0	85.9	159.5



#49
Dibromochloromethane
Concen: 5.630 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

Tgt Ion:	129	Resp:	38754
Ion	Ratio	Lower	Upper
129	100		
127	0.6	55.3	102.7#





#61
1,2,3-Trichloropropane
Concen: 1.810 ug/L
RT: 11.191 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV030949.D
Acq: 01 May 2023 12:37

Instrument :
MSVOA_V
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Tgt Ion:	75	Resp:	7170
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.3	37.9
110	3.1	34.0	51.0#

