

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030946.D
 Acq On : 01 May 2023 11:23
 Operator : SY/MD
 Sample : 02528-01 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA33

Quant Time: May 02 01:32:56 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)

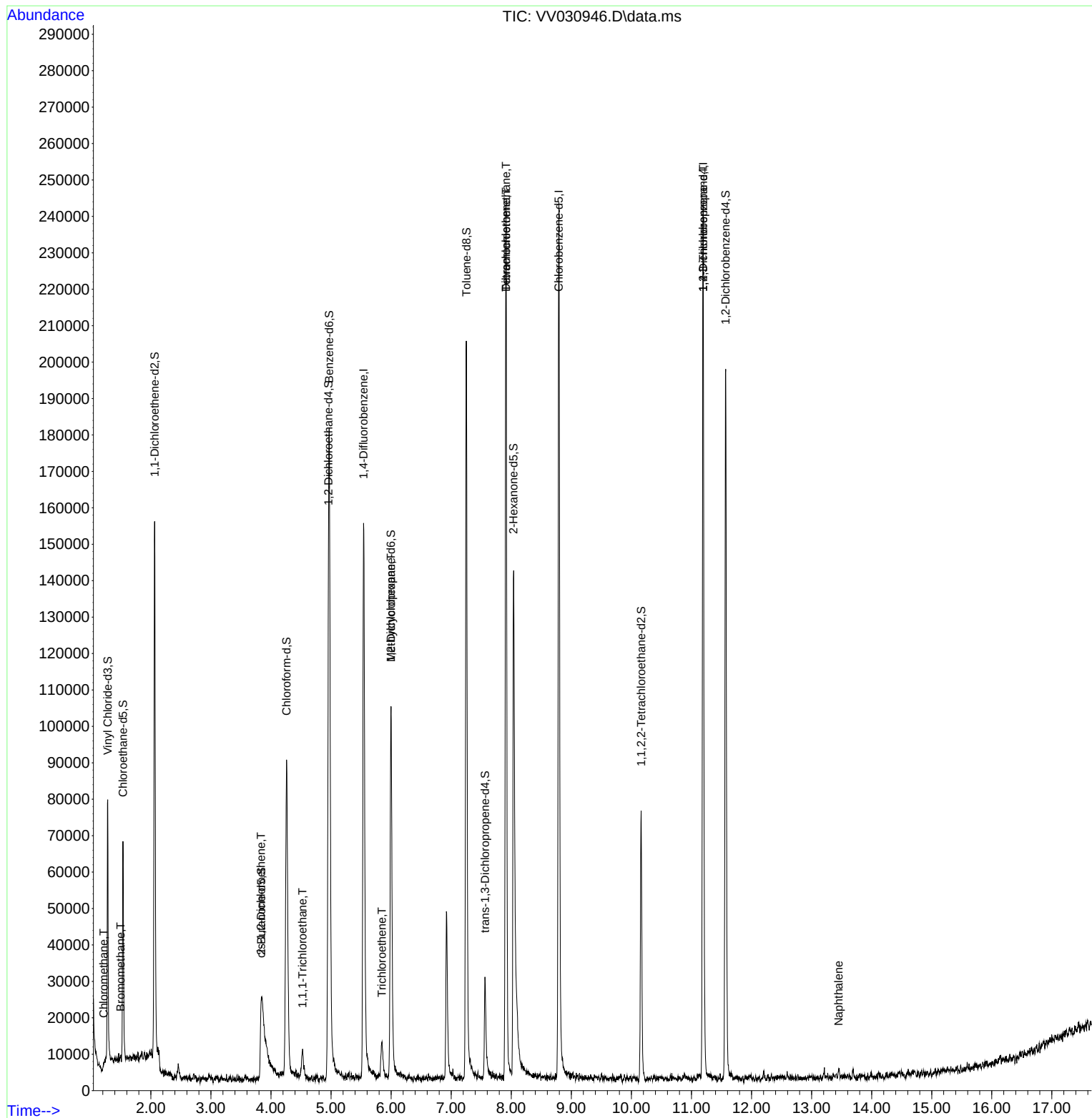
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	133619	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48561	4.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.535	69	37116	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.063	65	25002	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.838	46	57913	29.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.340%
24) Chloroform-d	4.259	84	88230	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	4.956	65	45312	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	4.969	84	156639	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.998	67	42933	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.252	98	138128	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.564	79	16181	3.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.037	63	51643	34.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.560%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32641	3.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	53869	4.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1390	0.112	ug/L	91
6) Bromomethane	1.494	94	396	0.080	ug/L	72
22) cis-1,2-Dichloroethene	3.834	96	1435	0.166	ug/L	95
29) 1,1,1-Trichloroethane	4.522	97	5292	0.318	ug/L	99
34) Trichloroethene	5.847	95	2632	0.296	ug/L	85
35) Methylcyclohexane	5.998	83	12197	0.885	ug/L #	18
47) Tetrachloroethene	7.911	164	53987	6.363	ug/L	97
49) Dibromochloromethane	7.911	129	44322	6.000	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6814	1.600	ug/L #	55
71) Naphthalene	13.451	128	1492	0.091	ug/L #	87

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

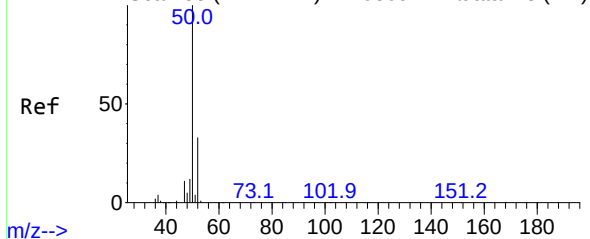
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030946.D
Acq On : 01 May 2023 11:23
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



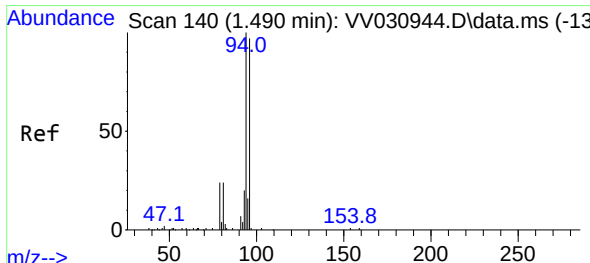
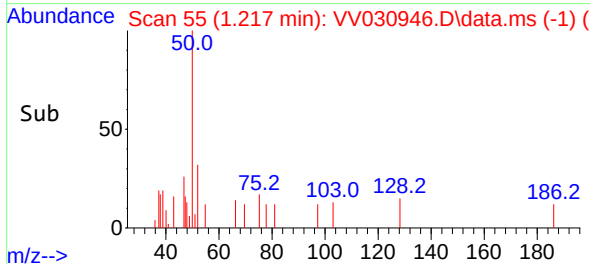
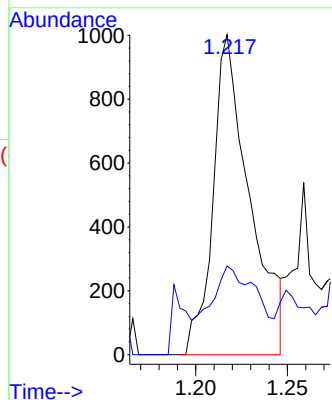
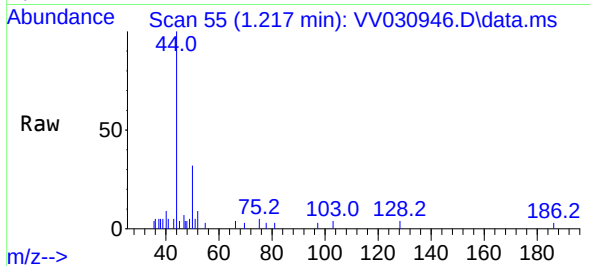
Abundance Scan 55 (1.217 min): VV030944.D\data.ms (-47)



#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

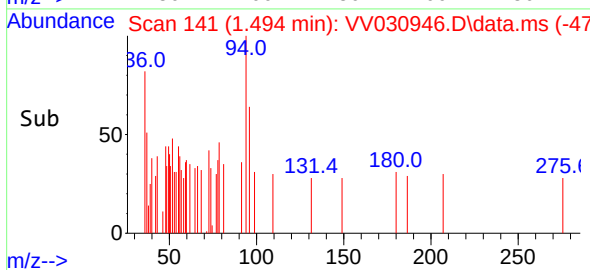
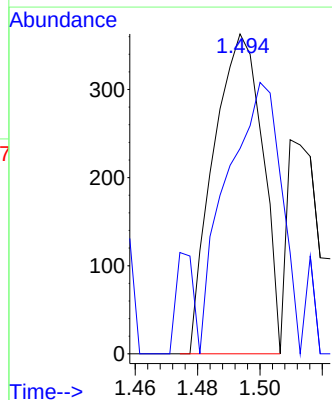
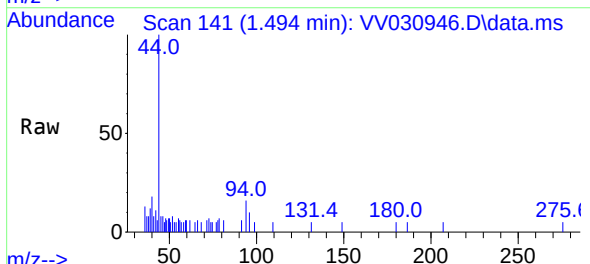
Instrument :
MSVOA_V
ClientSampleId :
HOA33

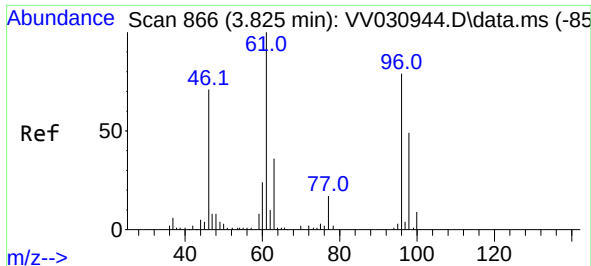
Tgt Ion: 50 Resp: 1390
Ion Ratio Lower Upper
50 100
52 27.7 22.8 42.4



#6
Bromomethane
Concen: 0.080 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 64.2 63.4 117.8

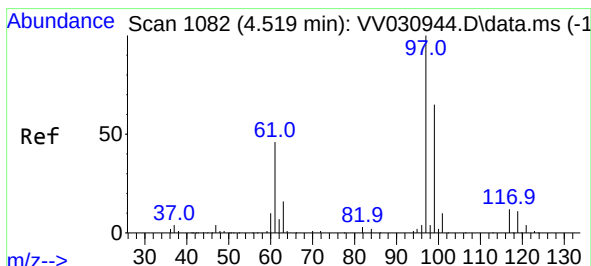
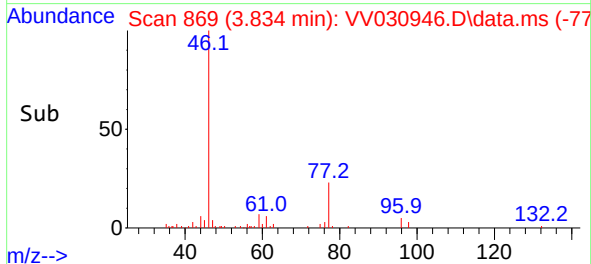
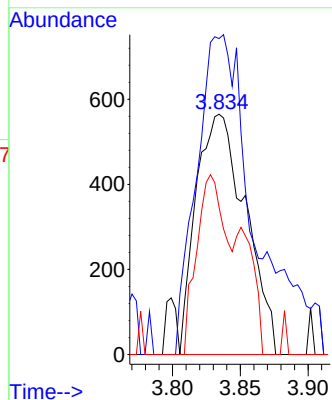
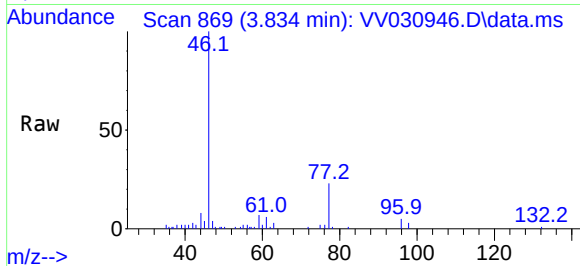




#22
cis-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 3.834 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

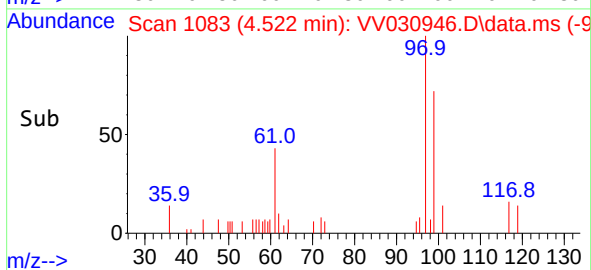
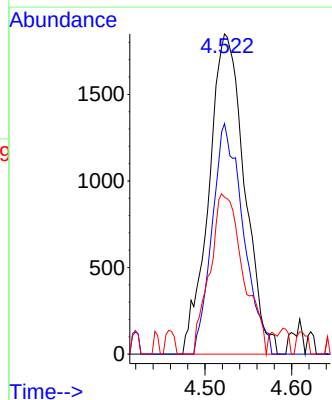
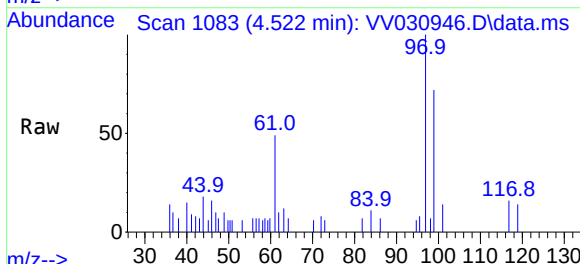
Instrument :
MSVOA_V
ClientSampleId :
HOA33

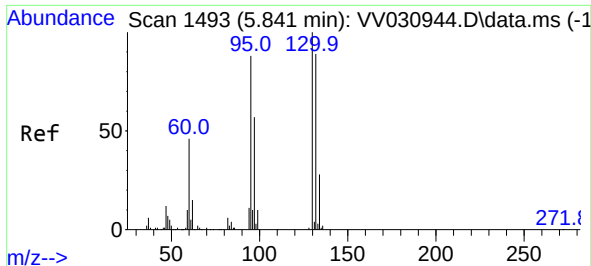
Tgt Ion: 96 Resp: 1435
Ion Ratio Lower Upper
96 100
61 131.5 86.0 159.6
98 61.2 43.2 80.2



#29
1,1,1-Trichloroethane
Concen: 0.318 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

Tgt Ion: 97 Resp: 5292
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.2
61 46.8 37.4 56.0



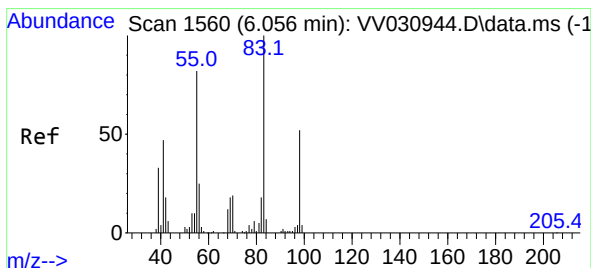
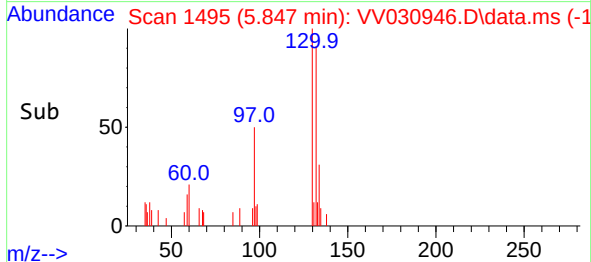
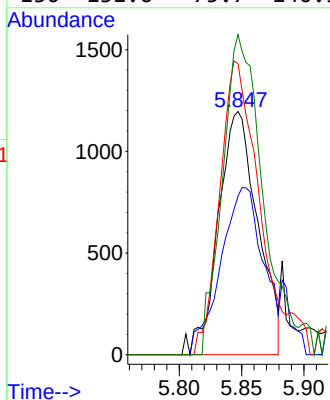
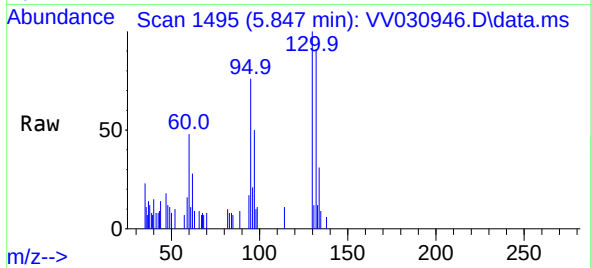


#34
Trichloroethene
Concen: 0.296 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

Instrument :
MSVOA_V
ClientSampleId :
HOA33

Tgt Ion: 95 Resp: 2632

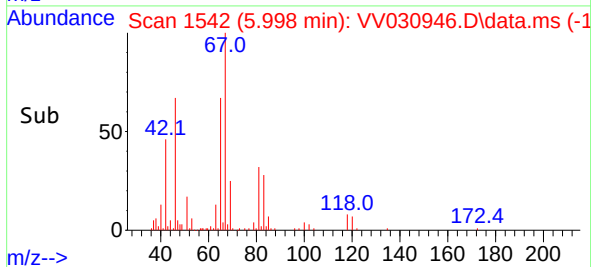
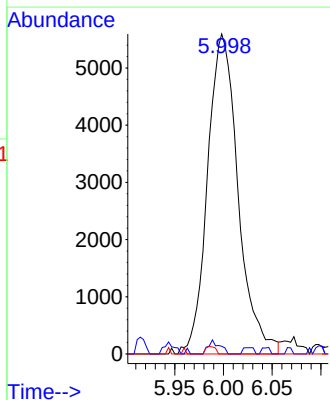
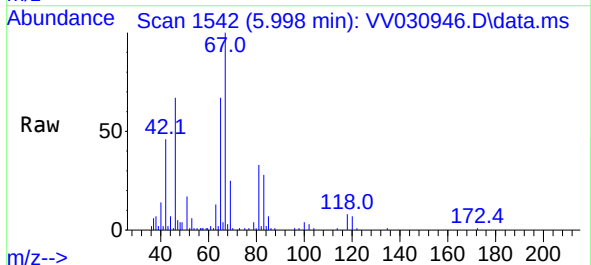
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.2	85.8
132	119.6	72.7	135.1
130	131.6	75.7	140.5

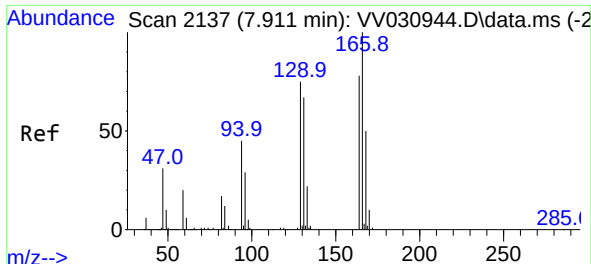


#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

Tgt Ion: 83 Resp: 12197

Ion	Ratio	Lower	Upper
83	100		
55	1.6	62.9	94.3#
98	0.7	40.5	60.7#

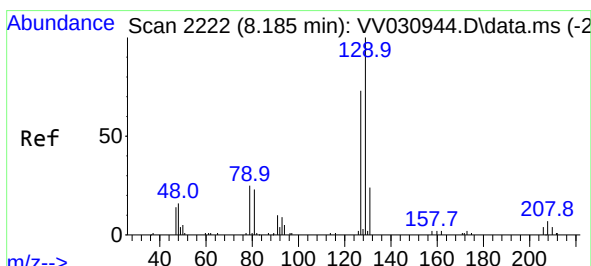
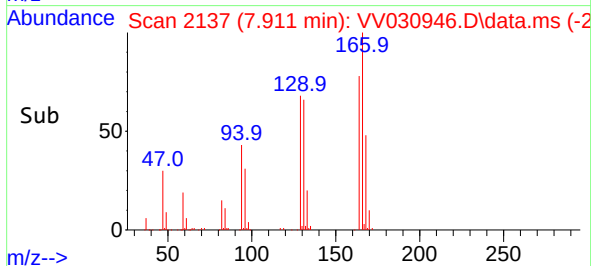
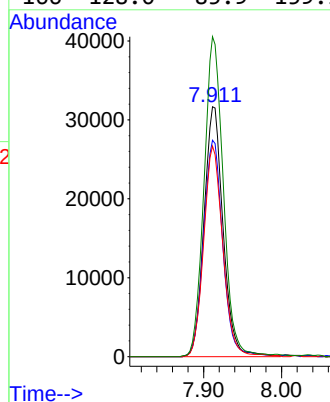
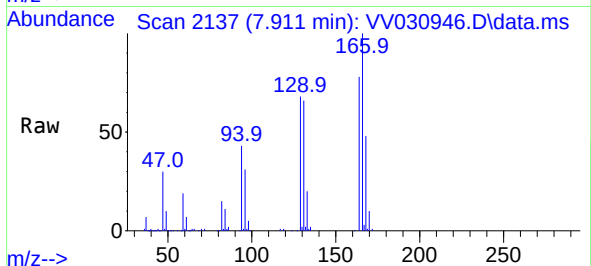




#47
Tetrachloroethene
Concen: 6.363 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

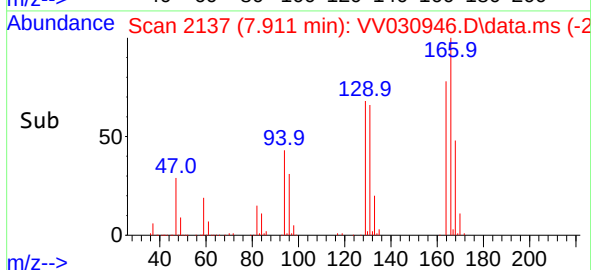
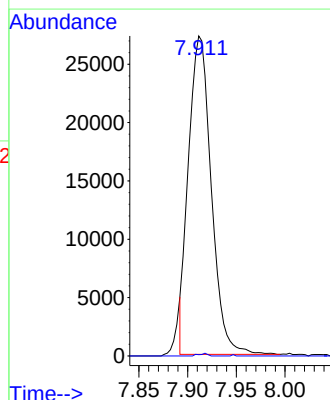
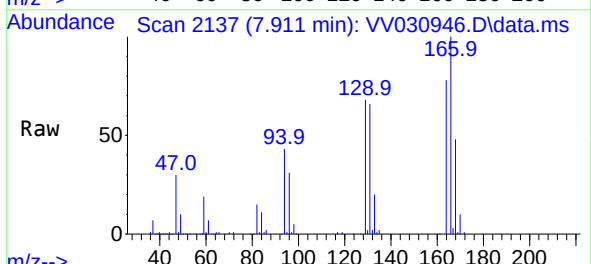
Instrument :
MSVOA_V
ClientSampleId :
HOA33

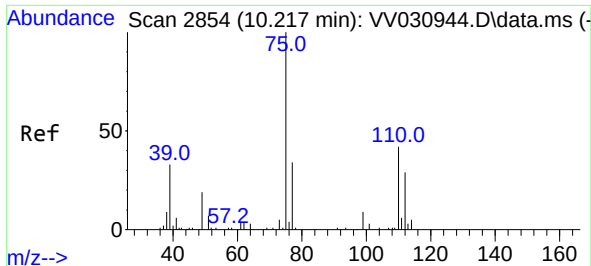
Tgt Ion:	164	Resp:	53987
Ion Ratio	Lower	Upper	
164	100		
129	86.6	60.5	112.3
131	84.2	60.8	112.8
166	128.0	85.9	159.5



#49
Dibromochloromethane
Concen: 6.000 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030946.D
Acq: 01 May 2023 11:23

Tgt Ion:	129	Resp:	44322
Ion Ratio	Lower	Upper	
129	100		
127	0.4	55.3	102.7#





#61

1,2,3-Trichloropropane

Concen: 1.600 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030946.D

Acq: 01 May 2023 11:23

Instrument :

MSVOA_V

ClientSampleId :

HOA33

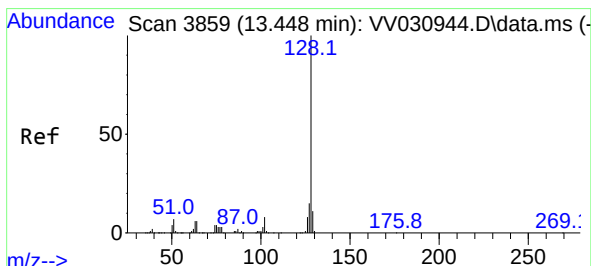
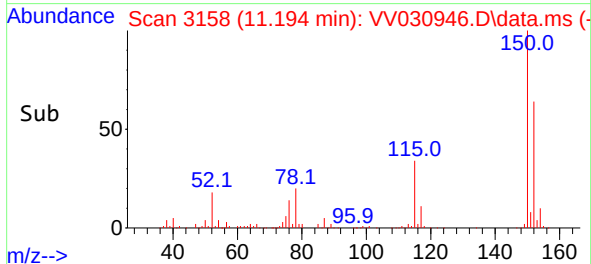
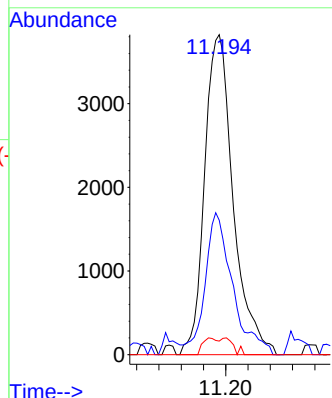
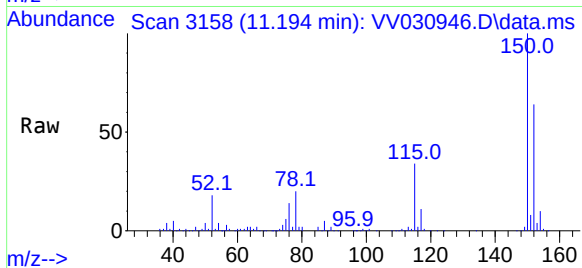
Tgt Ion: 75 Resp: 6814

Ion Ratio Lower Upper

75 100

77 42.6 25.3 37.9#

110 2.2 34.0 51.0#



#71

Naphthalene

Concen: 0.091 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.006 min

Lab File: VV030946.D

Acq: 01 May 2023 11:23

Tgt Ion: 128 Resp: 1492

Ion Ratio Lower Upper

128 100

129 2.9 8.6 13.0#

127 16.0 10.6 16.0#

