

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030960.D
 Acq On : 01 May 2023 17:02
 Operator : SY/MD
 Sample : 02528-10DL 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA40DL

Quant Time: May 02 01:34:45 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)

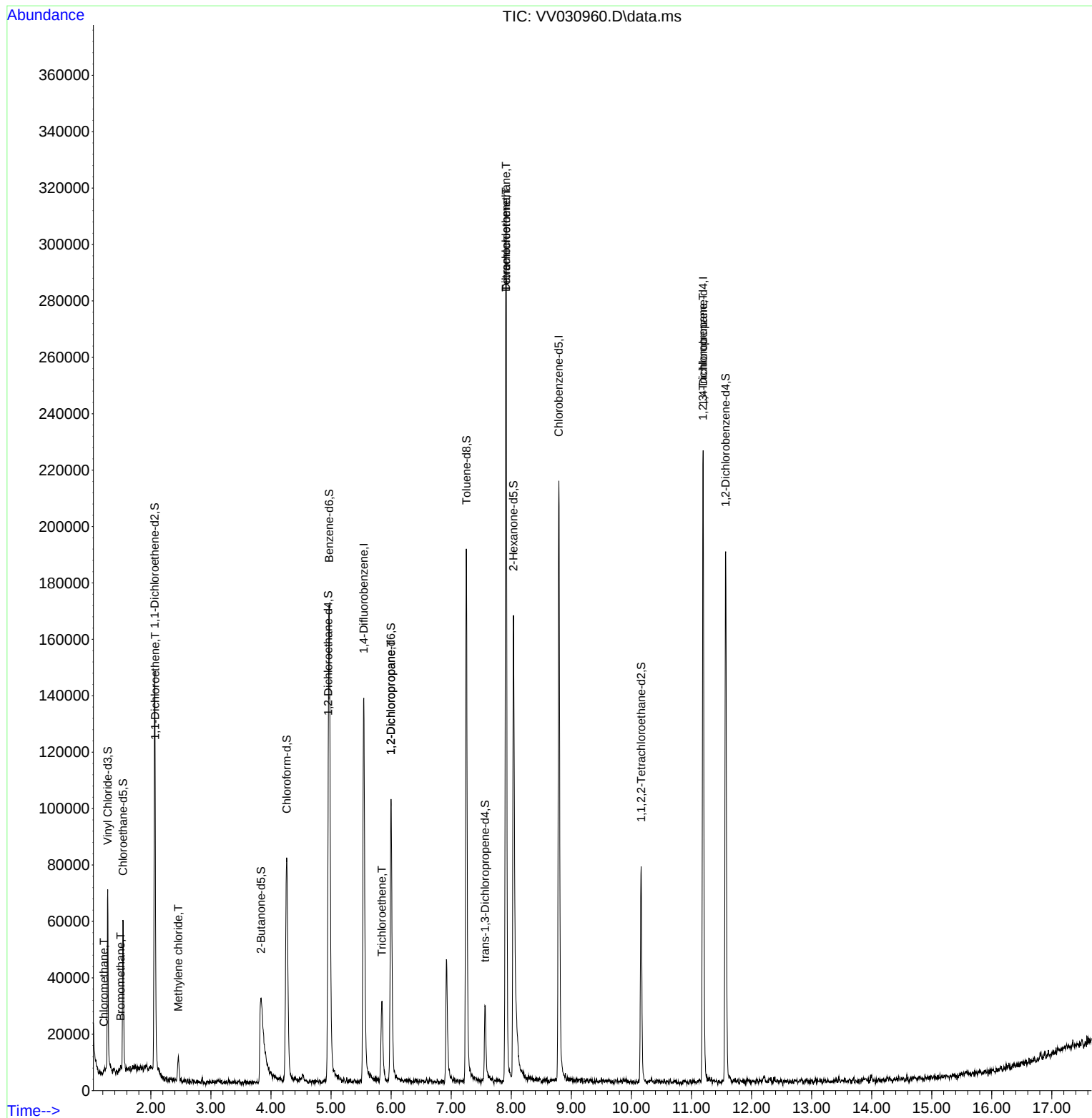
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118744	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	118465	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42961	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.536	69	35400	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.063	65	22569	4.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.834	46	83035	47.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.720%
24) Chloroform-d	4.262	84	83045	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	46568	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.970	84	145503	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.998	67	43006	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.252	98	126089	3.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.564	79	16297	4.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.037	63	59737	45.047	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33131	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	50399	4.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1275	0.116	ug/L #	82
6) Bromomethane	1.497	94	534	0.122	ug/L	93
12) 1,1-Dichloroethene	2.073	96	4573	0.572	ug/L #	1
16) Methylene chloride	2.458	84	3769	0.417	ug/L	99
34) Trichloroethene	5.847	95	9688	1.220	ug/L	97
37) 1,2-Dichloropropane	5.998	63	6275	0.888	ug/L #	89
47) Tetrachloroethene	7.915	164	70965	9.365	ug/L	97
49) Dibromochloromethane	7.912	129	57695	8.745	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	7028	1.765	ug/L #	61

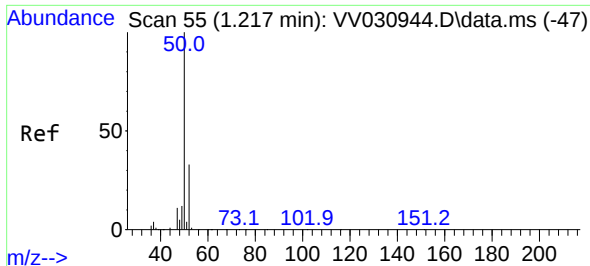
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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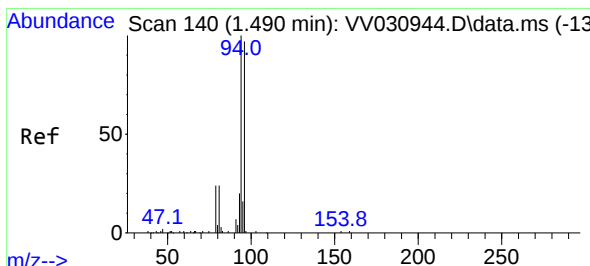
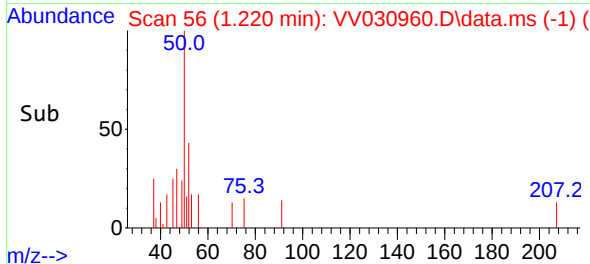
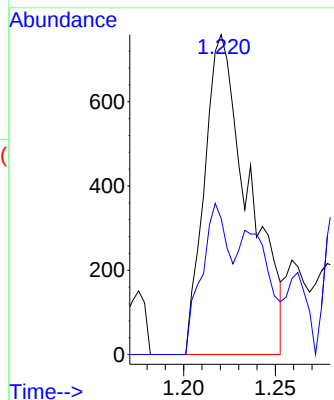
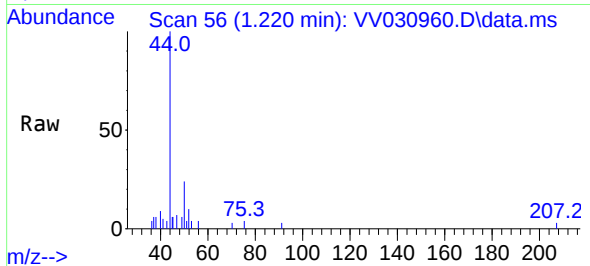




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

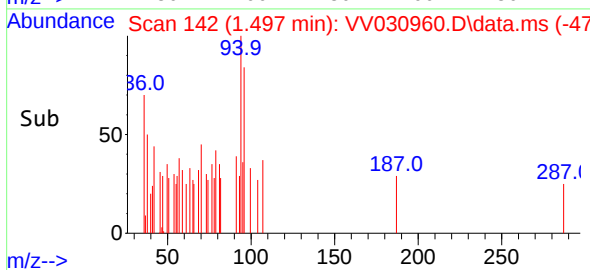
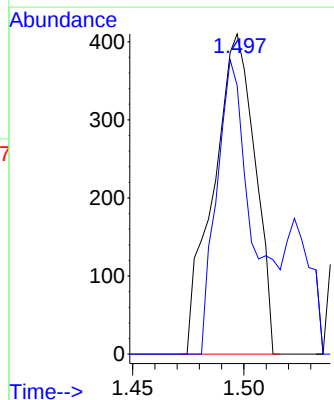
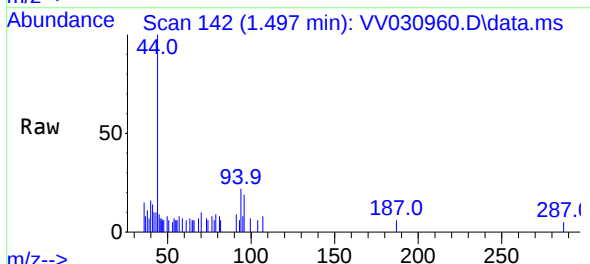
Instrument :
MSVOA_V
ClientSampleId :
HOA40DL

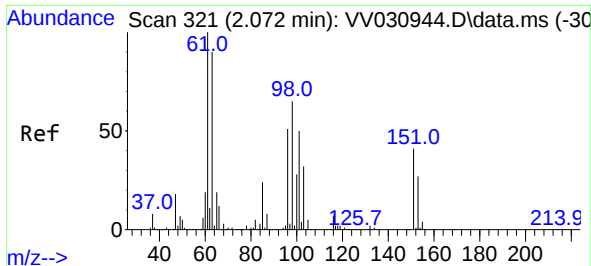
Tgt Ion: 50 Resp: 1275
Ion Ratio Lower Upper
50 100
52 42.6 22.8 42.4#



#6
Bromomethane
Concen: 0.122 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 83.9 63.4 117.8

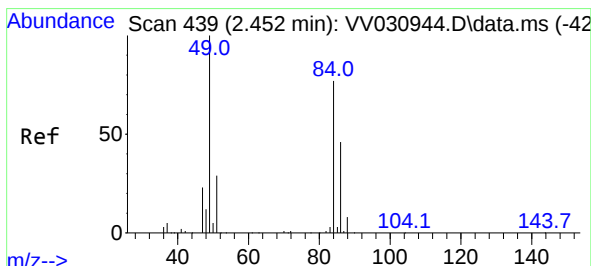
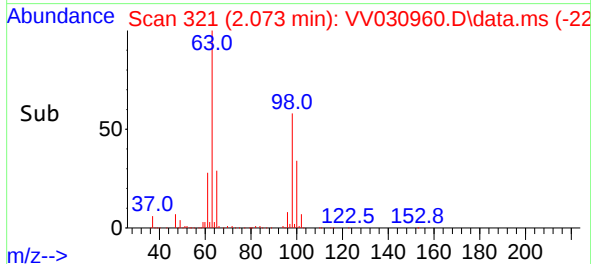
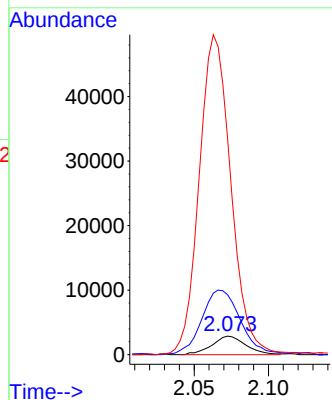
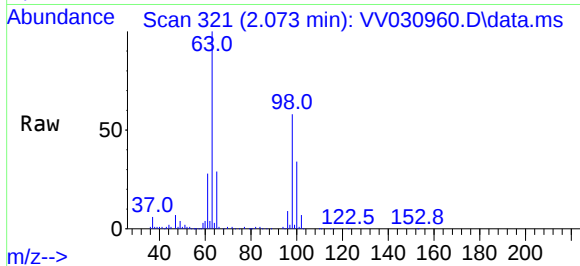




#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

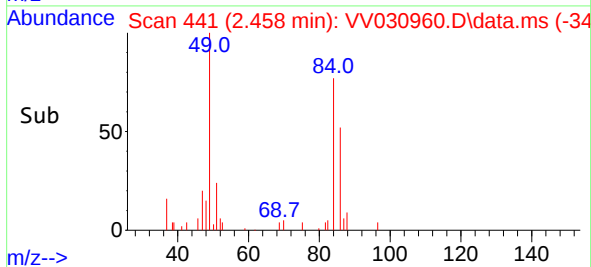
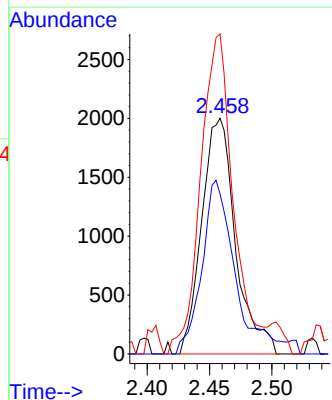
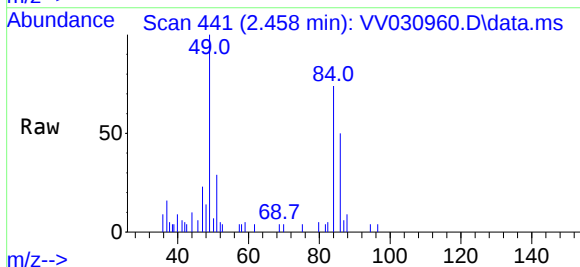
Instrument :
MSVOA_V
ClientSampleId :
HOA40DL

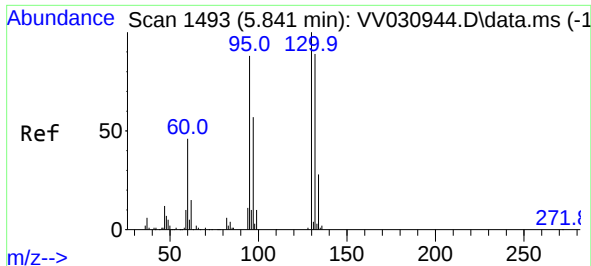
Tgt Ion: 96 Resp: 4573
Ion Ratio Lower Upper
96 100
61 321.6 135.6 251.8#
63 1154.8 121.1 224.9#



#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

Tgt Ion: 84 Resp: 3769
Ion Ratio Lower Upper
84 100
86 67.9 46.1 85.5
49 135.8 94.3 175.1

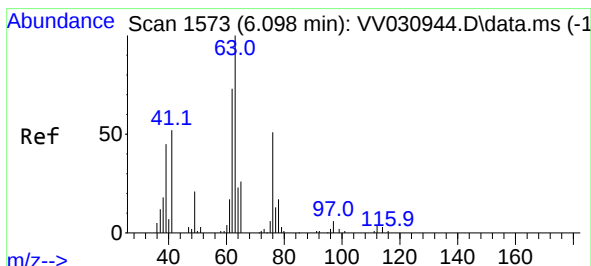
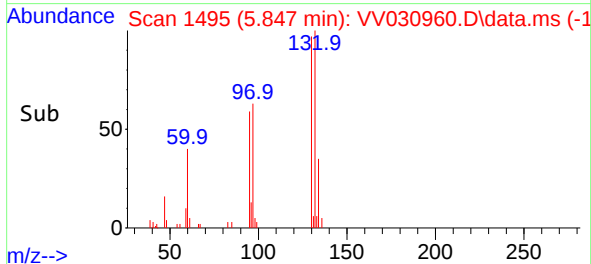
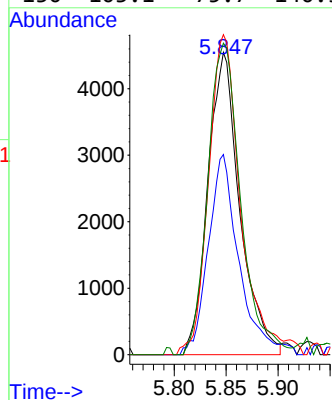
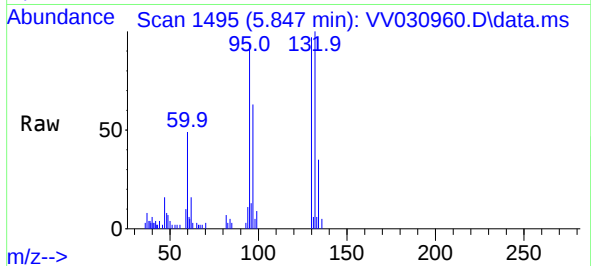




#34
Trichloroethene
Concen: 1.220 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

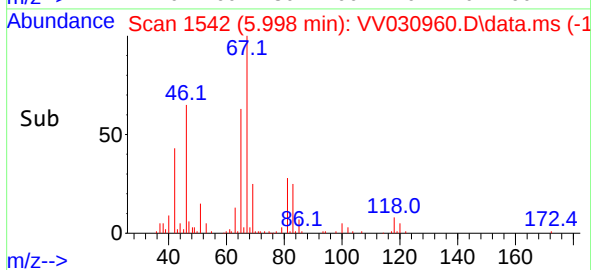
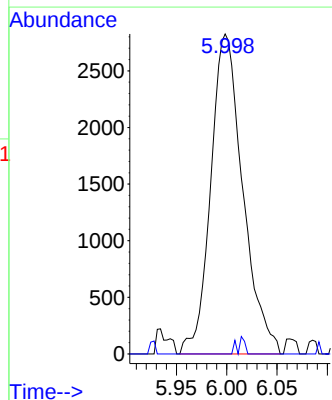
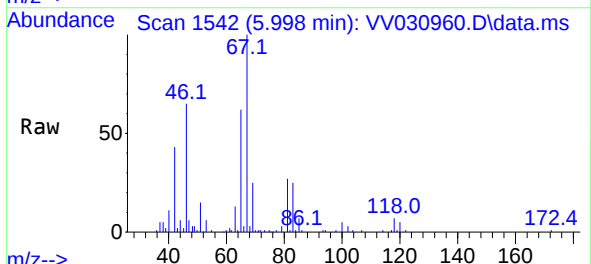
Instrument :
MSVOA_V
ClientSampleId :
HOA40DL

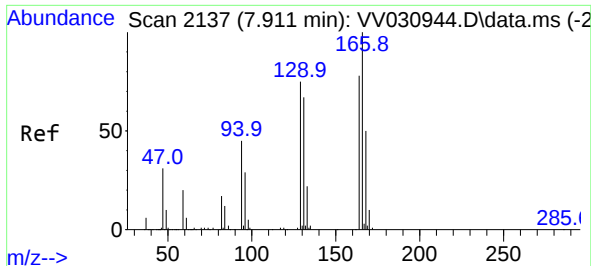
Tgt Ion: 95	Resp: 9688
Ion Ratio	Lower Upper
95 100	
97 66.2	46.2 85.8
132 105.9	72.7 135.1
130 103.1	75.7 140.5



#37
1,2-Dichloropropane
Concen: 0.888 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

Tgt Ion: 63	Resp: 6275		
Ion Ratio	Lower	Upper	
63 100			
112 1.2	3.8	5.8#	





#47

Tetrachloroethene

Concen: 9.365 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV030960.D

Acq: 01 May 2023 17:02

Instrument :

MSVOA_V

ClientSampleId :

HOA40DL

Tgt Ion:164 Resp: 70965

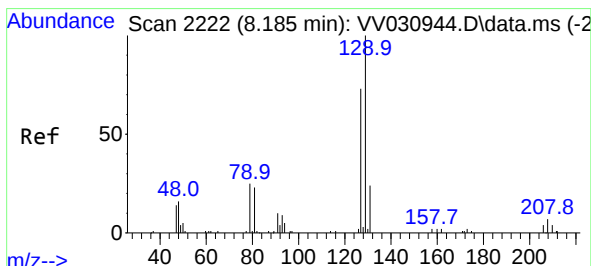
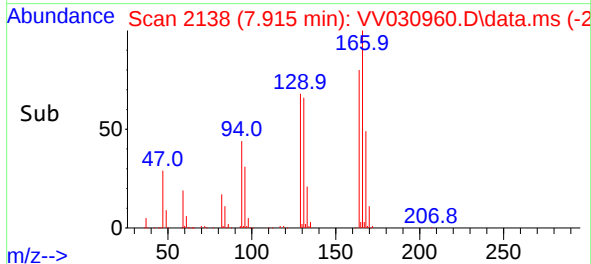
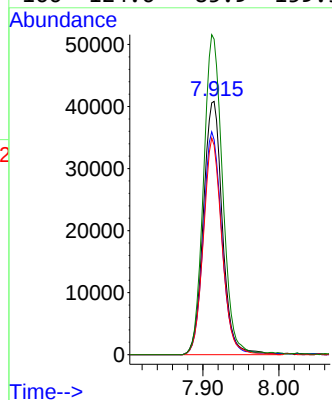
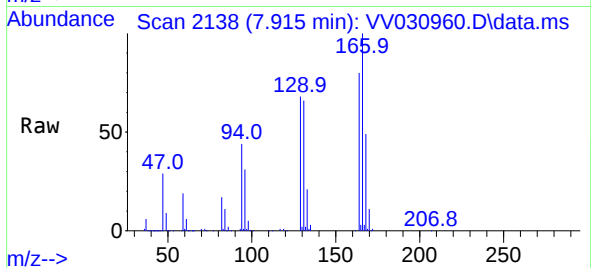
Ion Ratio Lower Upper

164 100

129 84.8 60.5 112.3

131 82.7 60.8 112.8

166 124.6 85.9 159.5



#49

Dibromochloromethane

Concen: 8.745 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030960.D

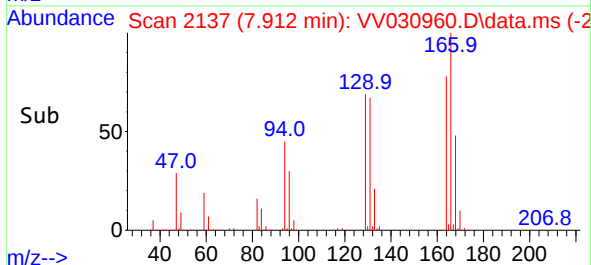
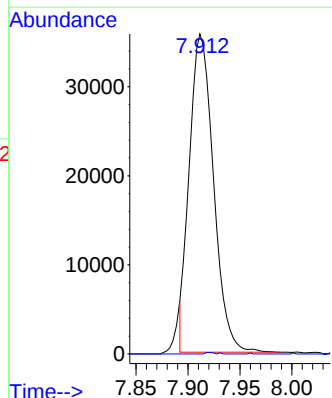
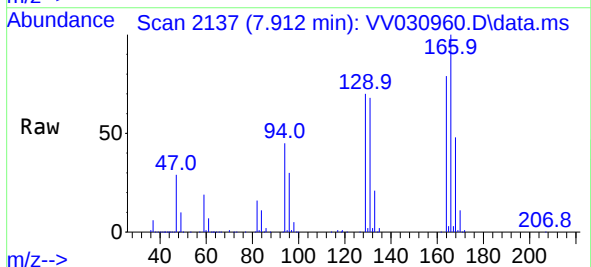
Acq: 01 May 2023 17:02

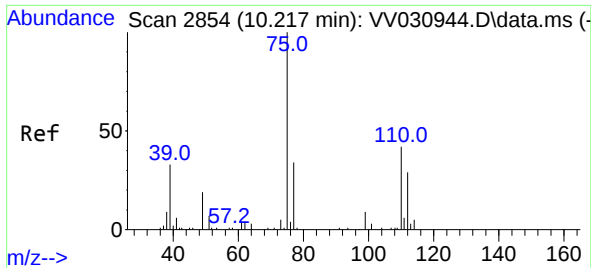
Tgt Ion:129 Resp: 57695

Ion Ratio Lower Upper

129 100

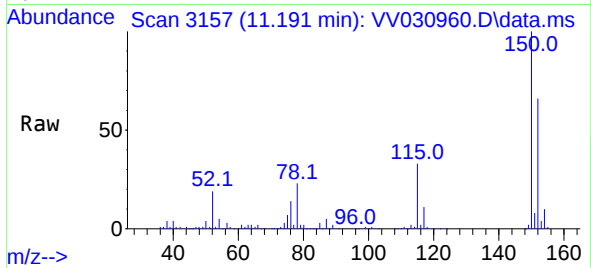
127 0.0 55.3 102.7#





#61
1,2,3-Trichloropropane
Concen: 1.765 ug/L
RT: 11.191 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV030960.D
Acq: 01 May 2023 17:02

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 7028
Ion Ratio Lower Upper
75 100
77 35.9 25.3 37.9
110 3.5 34.0 51.0#

