

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028944.D
 Acq On : 14 Nov 2022 17:36
 Operator : SY/MD
 Sample : N5592-16DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC1DL

Quant Time: Nov 15 00:06:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

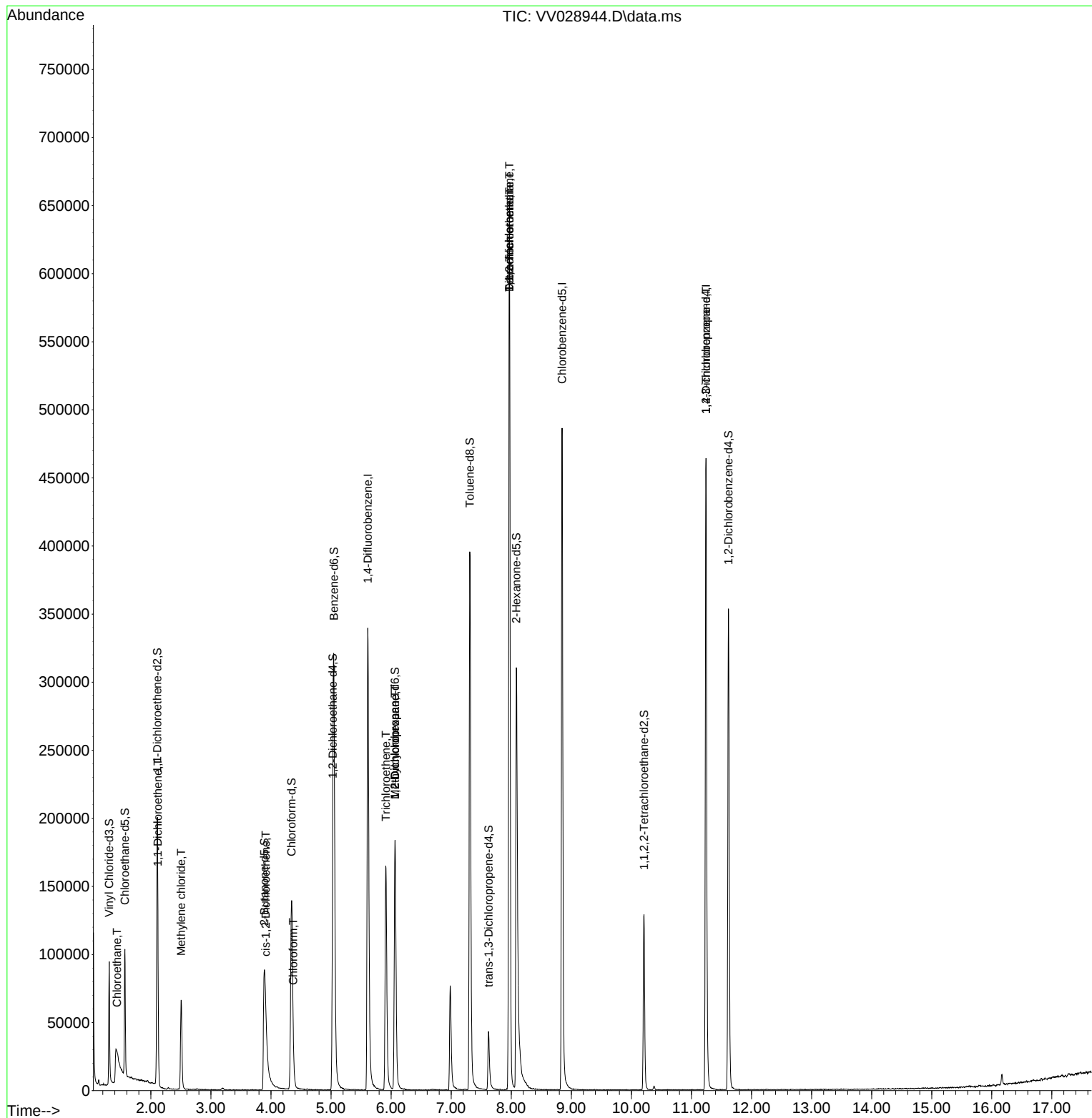
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	319039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	293817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	135791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61150	3.144	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.568	69	61413	3.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.108	63	95266	2.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.800%#
20) 2-Butanone-d5	3.889	46	152267	46.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.540%
24) Chloroform-d	4.343	84	156032	3.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.027	65	74576	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.047	84	320013	3.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.063	67	96943	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.310	98	285127	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.622	79	28121	3.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.085	63	134358	39.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66017	3.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	100485	4.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.436	64	84677	5.723	ug/L #	53
12) 1,1-Dichloroethene	2.118	96	11376	0.589	ug/L #	1
16) Methylene chloride	2.507	84	30496	1.221	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	4026	0.177	ug/L	83
25) Chloroform	4.371	83	2774	0.072	ug/L	80
34) Trichloroethene	5.912	95	61104	2.658	ug/L	97
35) Methylcyclohexane	6.063	83	24100	0.597	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9684	0.468	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	1075	0.079	ug/L #	1
47) Tetrachloroethene	7.969	164	151053	8.207	ug/L	98
49) Dibromochloromethane	7.969	129	138109	8.428	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	13291	1.432	ug/L #	66

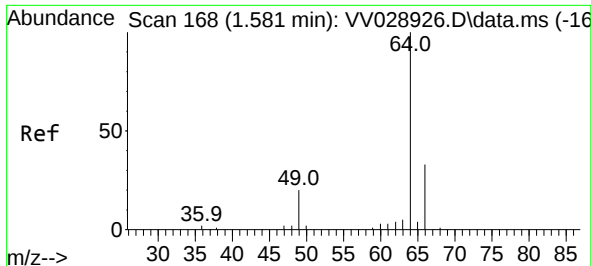
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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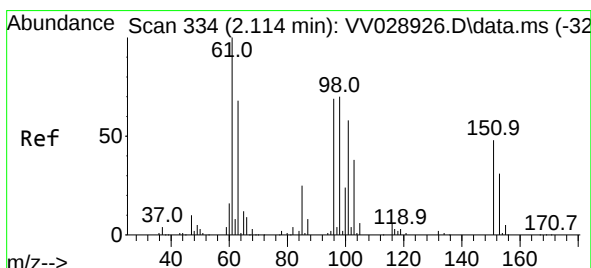
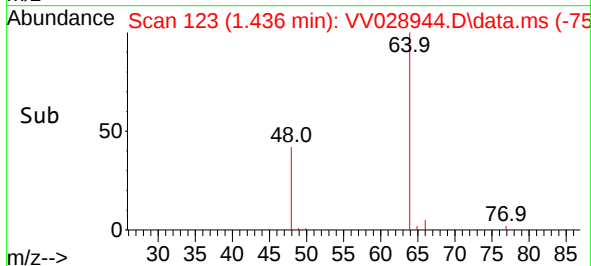
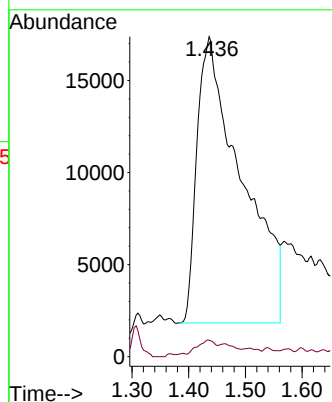
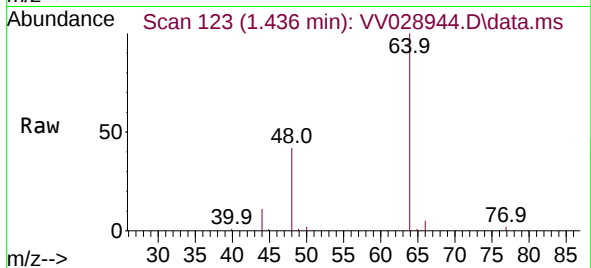




#8
Chloroethane
Concen: 5.723 ug/L
RT: 1.436 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

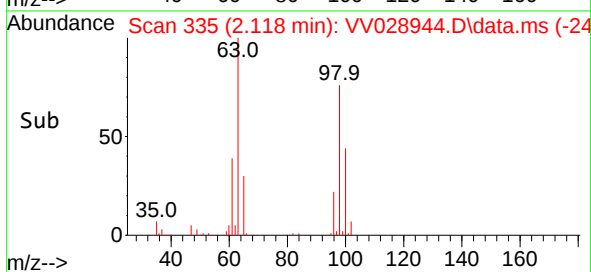
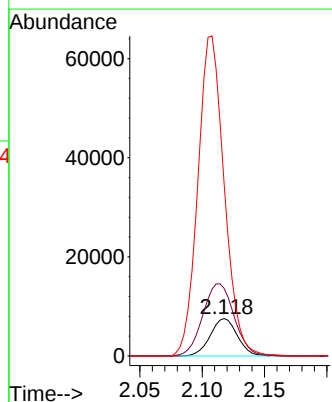
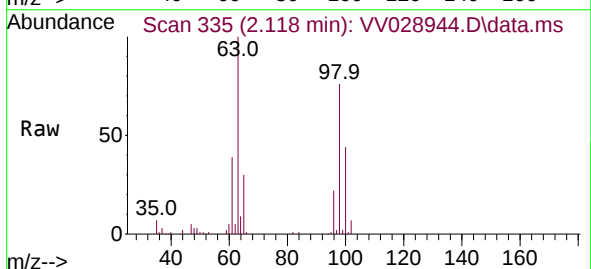
Instrument :
MSVOA_V
ClientSampleId :
H0AC1DL

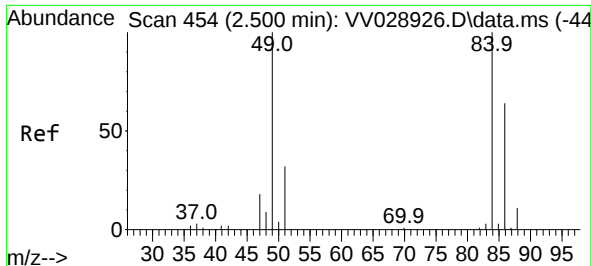
Tgt Ion: 64 Resp: 84677
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.589 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

Tgt Ion: 96 Resp: 11376
Ion Ratio Lower Upper
96 100
61 181.1 104.2 193.4
63 463.7 75.9 140.9#

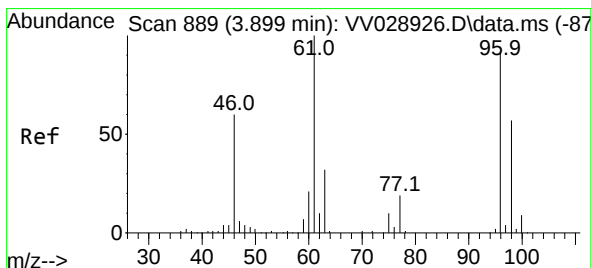
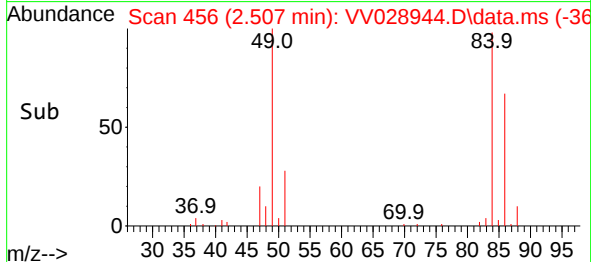
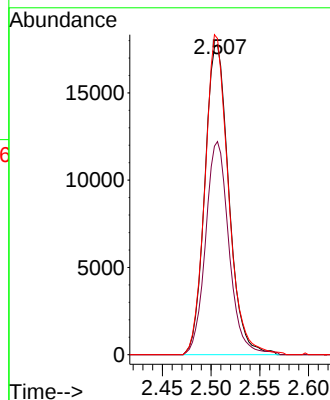
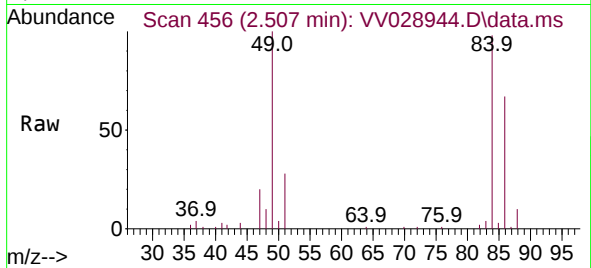




#16
Methylene chloride
Concen: 1.221 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

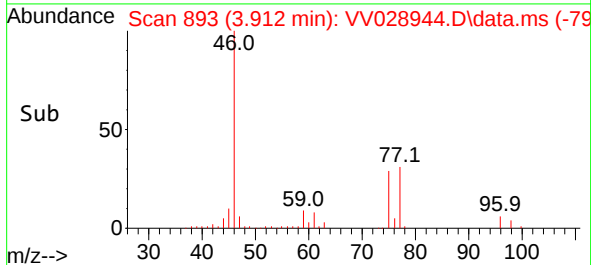
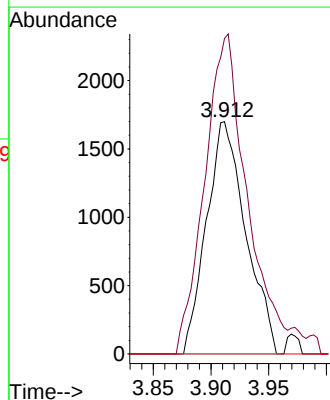
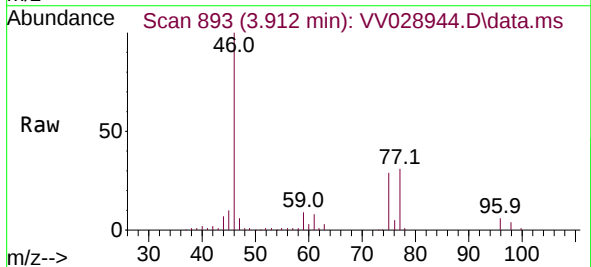
Instrument :
MSVOA_V
ClientSampleId :
H0AC1DL

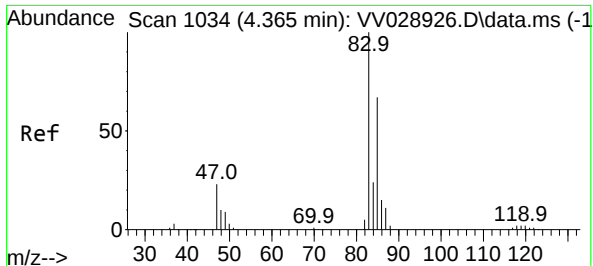
Tgt Ion: 84 Resp: 30496
Ion Ratio Lower Upper
84 100
86 68.8 45.8 85.0
49 102.1 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.013 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

Tgt Ion: 96 Resp: 4026
Ion Ratio Lower Upper
96 100
61 135.8 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.072 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Instrument :

MSVOA_V

ClientSampleId :

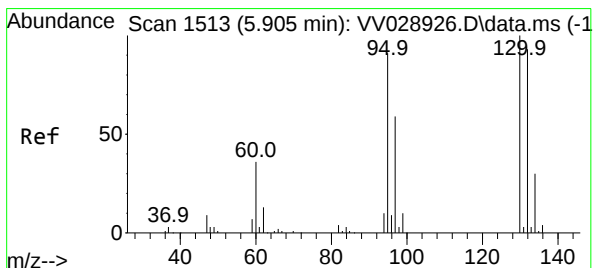
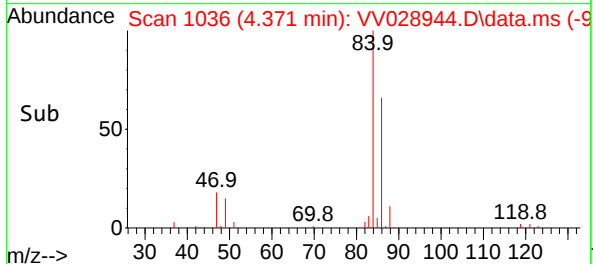
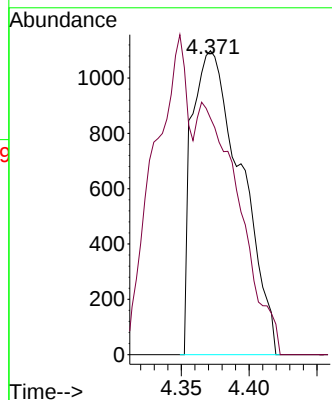
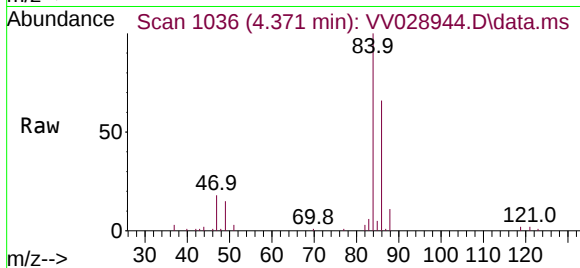
H0AC1DL

Tgt Ion: 83 Resp: 2774

Ion Ratio Lower Upper

83 100

85 77.8 43.7 81.1



#34

Trichloroethene

Concen: 2.658 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Tgt Ion: 95 Resp: 61104

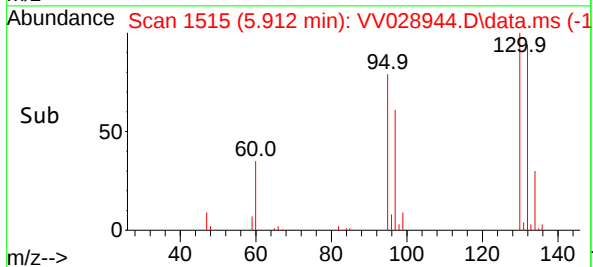
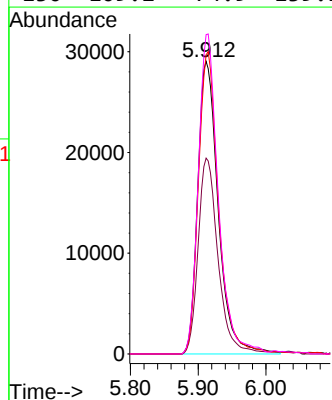
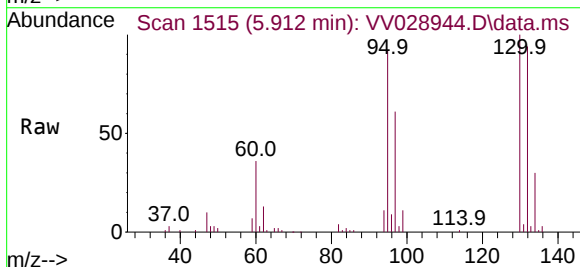
Ion Ratio Lower Upper

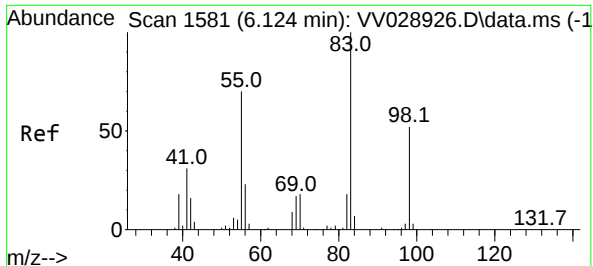
95 100

97 67.0 45.6 84.8

132 102.3 69.1 128.3

130 109.2 74.9 139.1

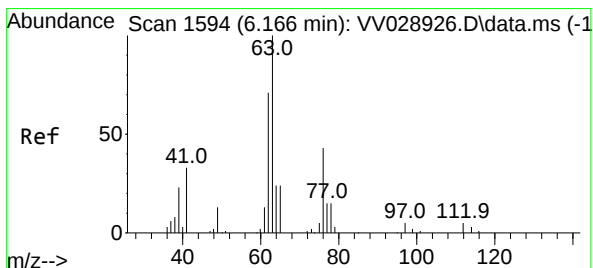
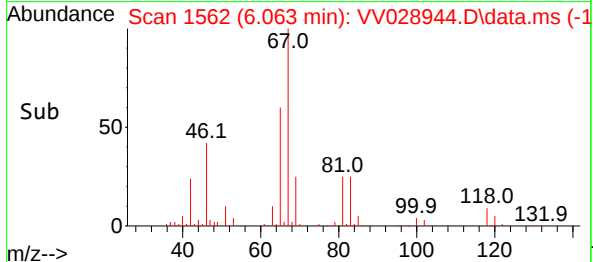
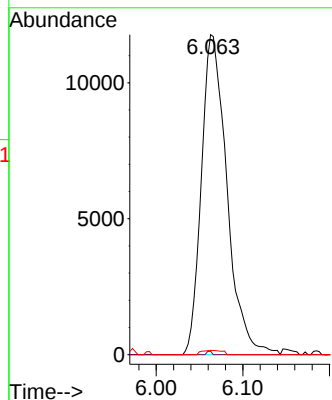
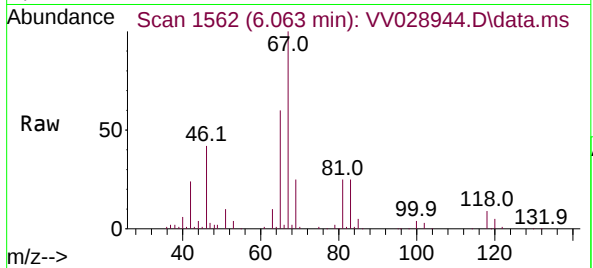




#35
Methylcyclohexane
Concen: 0.597 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

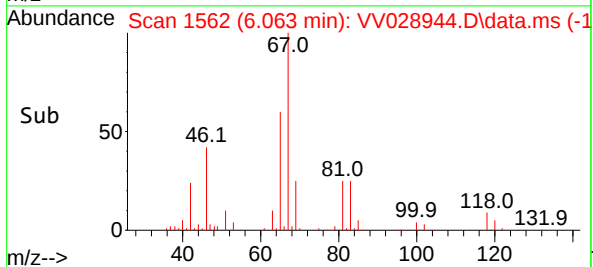
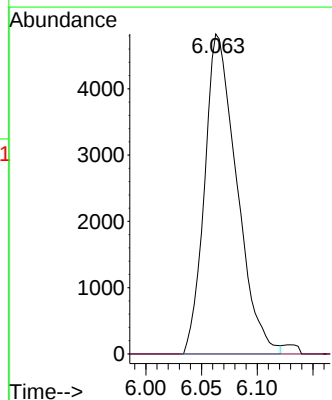
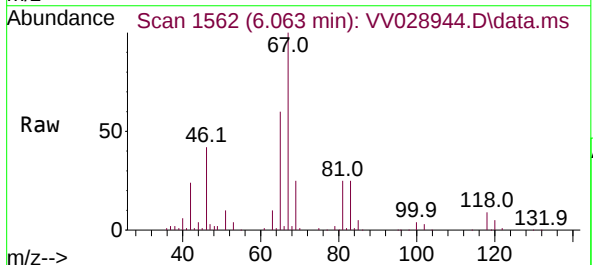
Instrument :
MSVOA_V
ClientSampleId :
H0AC1DL

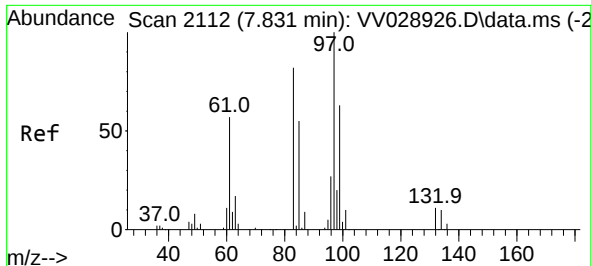
Tgt Ion: 83 Resp: 24100
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.1 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028944.D
Acq: 14 Nov 2022 17:36

Tgt Ion: 63 Resp: 9684
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#45

1,1,2-Trichloroethane

Concen: 0.079 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.138 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Instrument :

MSVOA_V

ClientSampleId :

H0AC1DL

Tgt Ion: 97 Resp: 1075

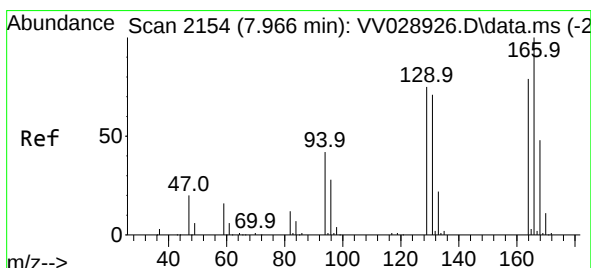
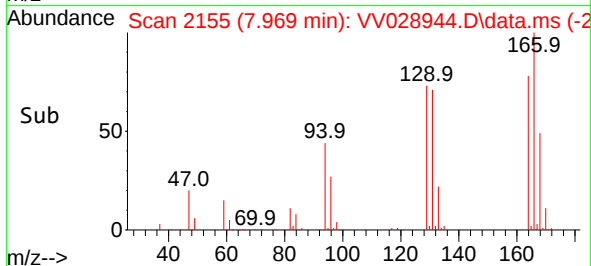
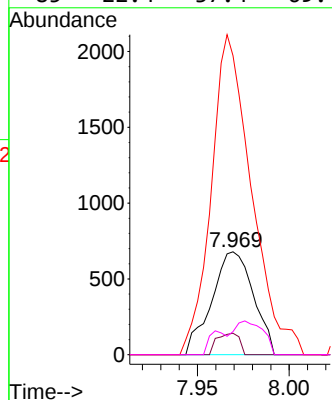
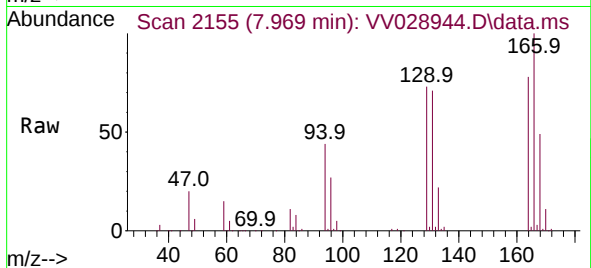
Ion Ratio Lower Upper

97 100

99 20.9 41.5 77.1#

83 290.6 60.0 111.4#

85 22.4 37.4 69.4#



#47

Tetrachloroethene

Concen: 8.207 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Tgt Ion:164 Resp: 151053

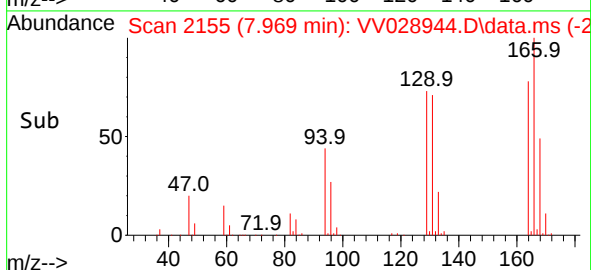
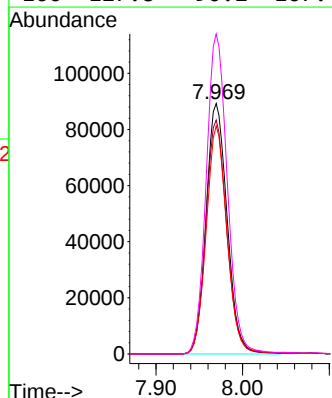
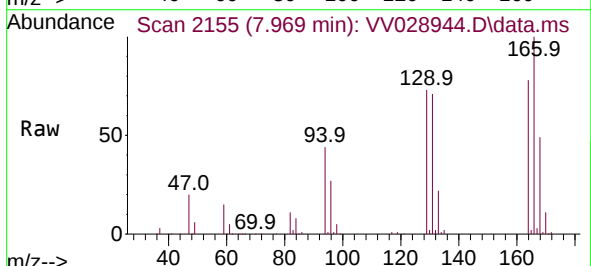
Ion Ratio Lower Upper

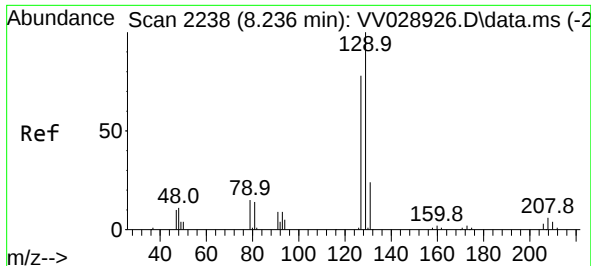
164 100

129 93.4 63.9 118.7

131 91.1 61.8 114.8

166 127.8 90.2 167.4





#49

Dibromochloromethane

Concen: 8.428 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

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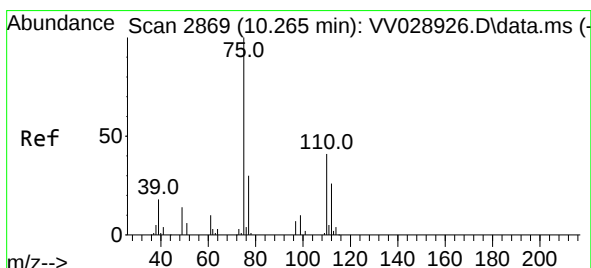
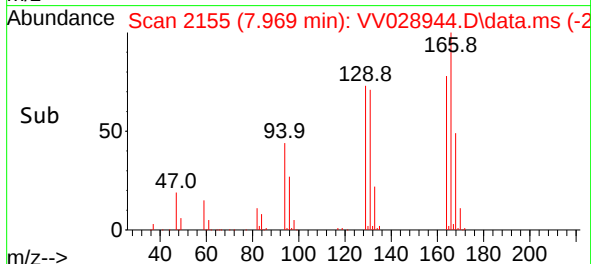
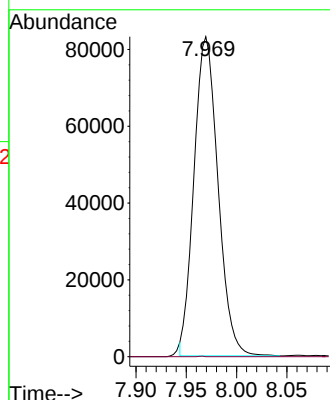
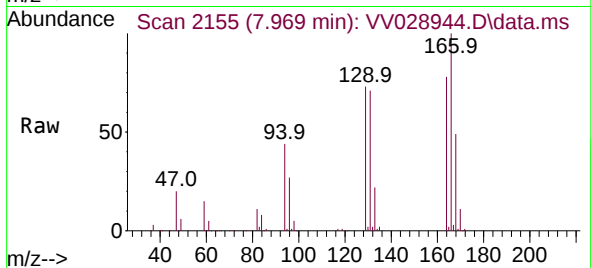
H0AC1DL

Tgt Ion:129 Resp: 138109

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.432 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Tgt Ion: 75 Resp: 13291

Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 3.3 32.6 48.8#

