

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028946.D
 Acq On : 14 Nov 2022 18:25
 Operator : SY/MD
 Sample : N5592-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3DL

Quant Time: Nov 15 00:06:46 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)

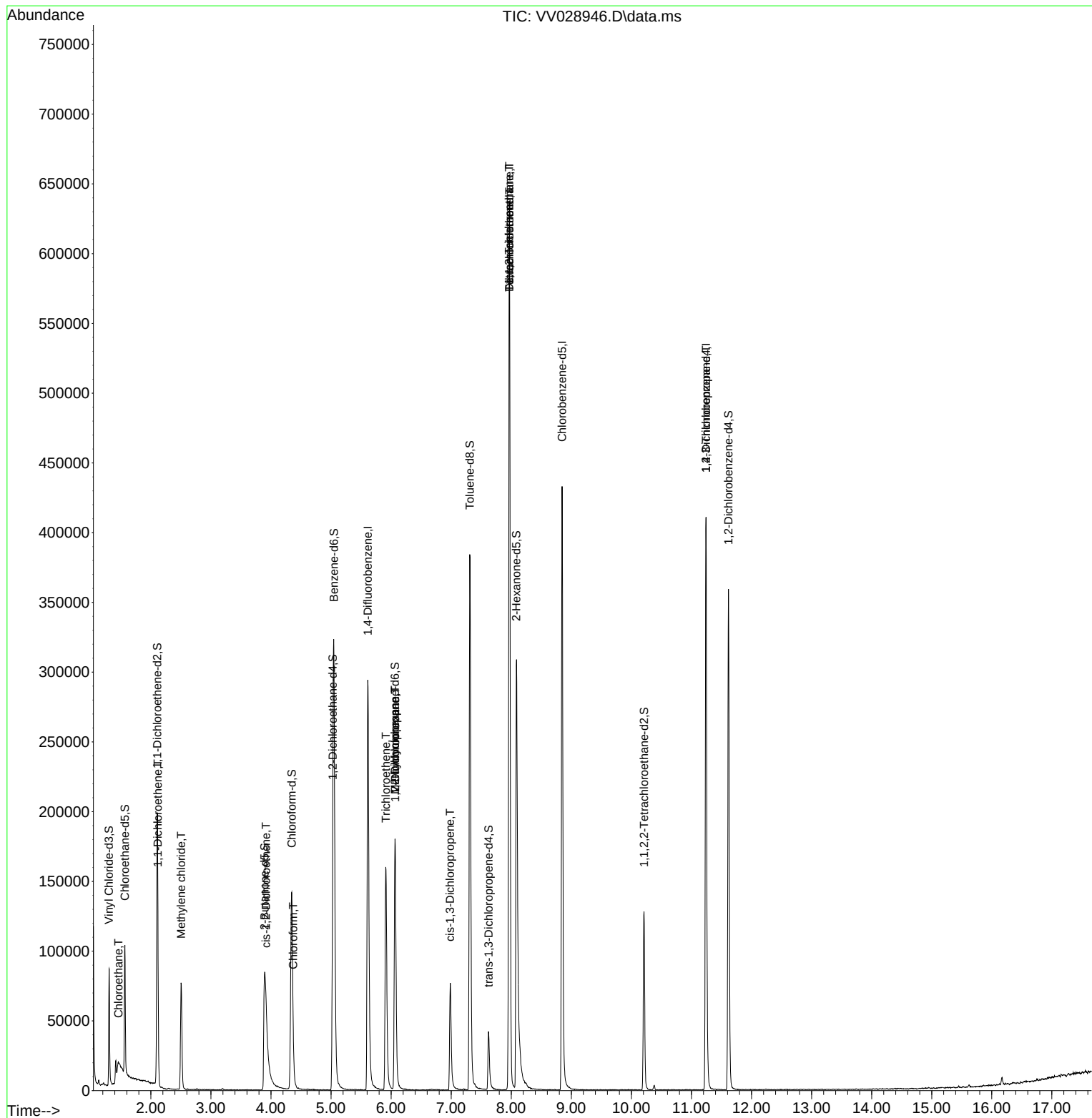
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	281702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	120235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57869	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.568	69	60396	4.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.108	63	92103	2.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.892	46	155326	54.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	4.346	84	155871	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	73404	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.047	84	320284	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.066	67	94545	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.310	98	277890	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.622	79	28735	4.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.085	63	131569	44.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.780%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	65228	4.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	100292	4.662	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
						Qvalue
8) Chloroethane	1.462	64	38140	2.920	ug/L #	51
12) 1,1-Dichloroethene	2.118	96	12624	0.740	ug/L #	1
16) Methylene chloride	2.503	84	34629	1.570	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	4413	0.219	ug/L	98
25) Chloroform	4.368	83	3723	0.110	ug/L	94
34) Trichloroethene	5.912	95	58472	2.926	ug/L	97
35) Methylcyclohexane	6.066	83	23638	0.673	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	10089	0.560	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2363	0.094	ug/L #	74
45) 1,1,2-Trichloroethane	7.963	97	1069	0.091	ug/L #	4
47) Tetrachloroethene	7.969	164	150017	9.375	ug/L	98
49) Dibromochloromethane	7.969	129	134512	9.442	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12163	1.480	ug/L #	66

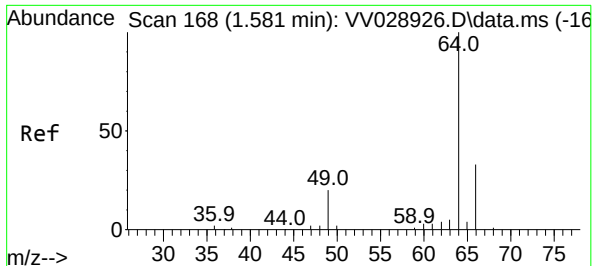
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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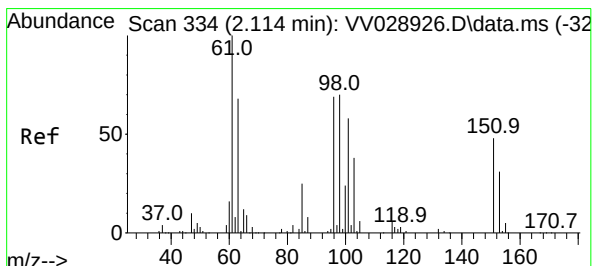
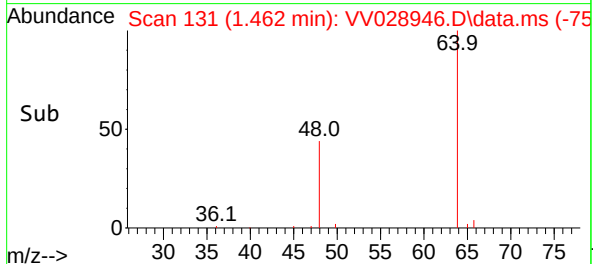
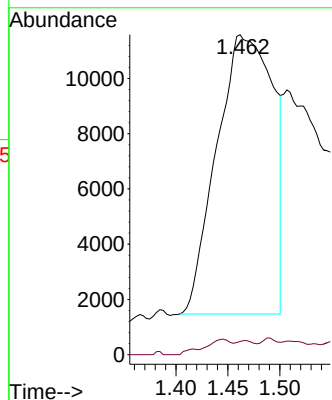
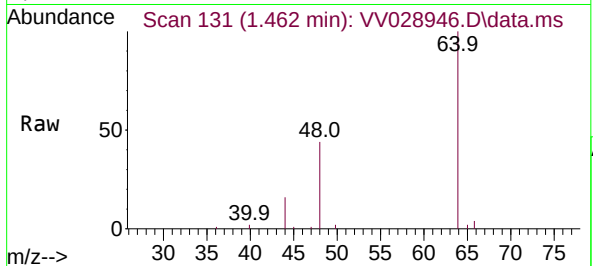




#8
Chloroethane
Concen: 2.920 ug/L
RT: 1.462 min Scan# 11
Delta R.T. -0.119 min
Lab File: VV028946.D
Acq: 14 Nov 2022 18:25

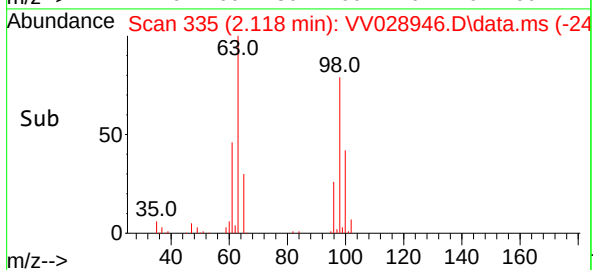
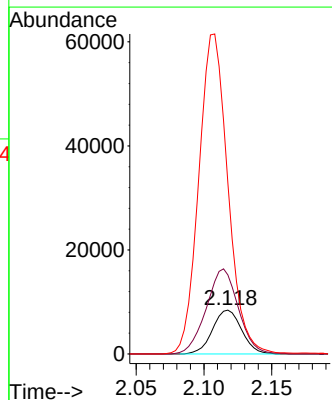
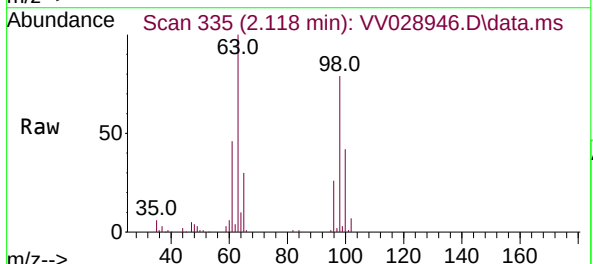
Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

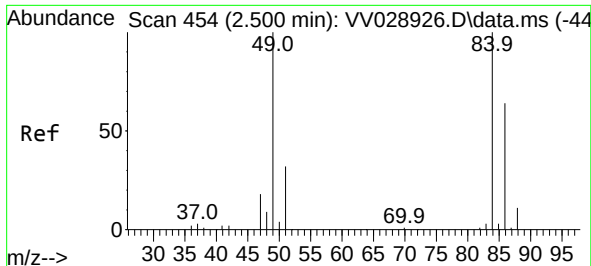
Tgt Ion: 64 Resp: 38140
Ion Ratio Lower Upper
64 100
66 4.1 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.740 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028946.D
Acq: 14 Nov 2022 18:25

Tgt Ion: 96 Resp: 12624
Ion Ratio Lower Upper
96 100
61 179.9 104.2 193.4
63 389.2 75.9 140.9#

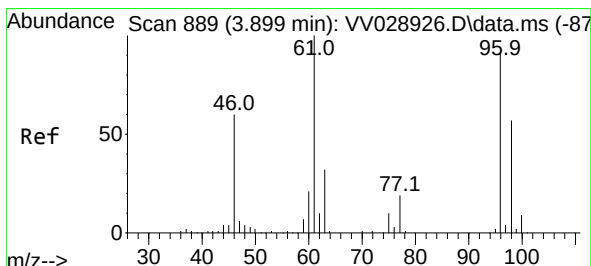
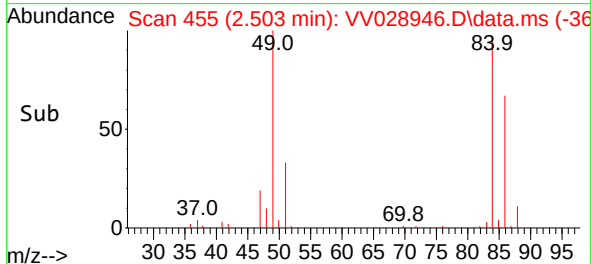
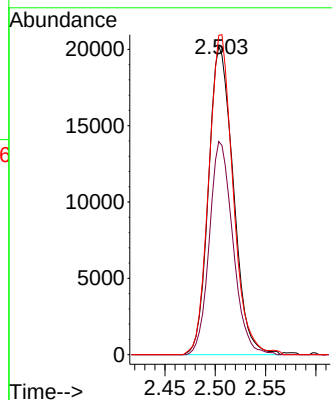
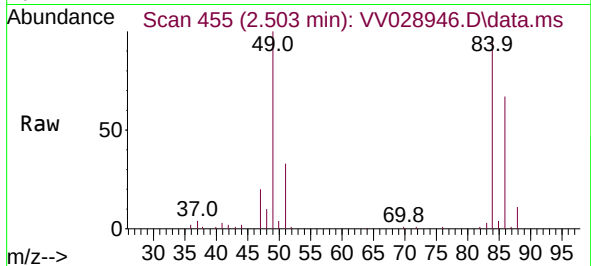




#16
Methylene chloride
Concen: 1.570 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028946.D
Acq: 14 Nov 2022 18:25

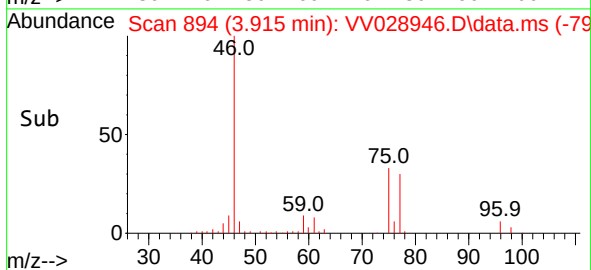
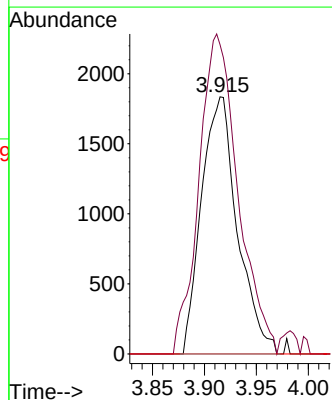
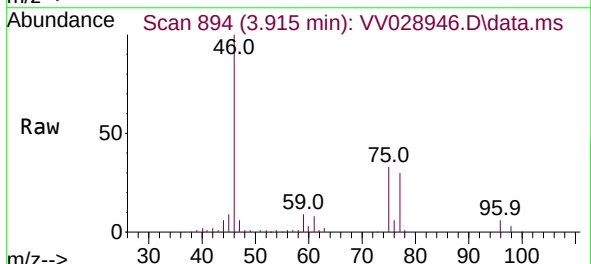
Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

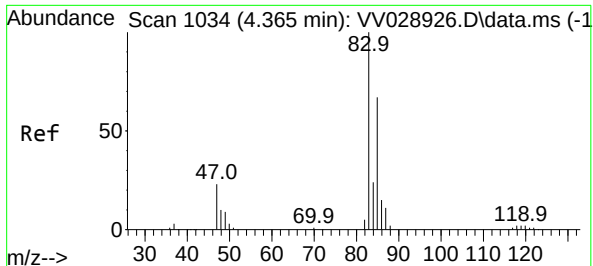
Tgt Ion: 84 Resp: 34629
Ion Ratio Lower Upper
84 100
86 69.1 45.8 85.0
49 103.6 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.016 min
Lab File: VV028946.D
Acq: 14 Nov 2022 18:25

Tgt Ion: 96 Resp: 4413
Ion Ratio Lower Upper
96 100
61 120.3 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.110 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

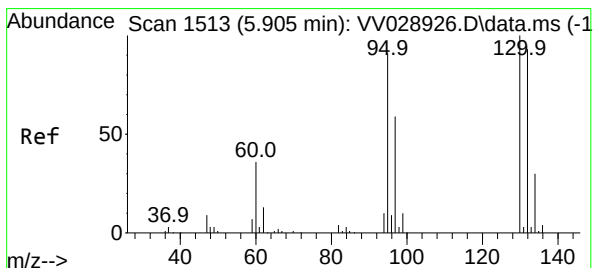
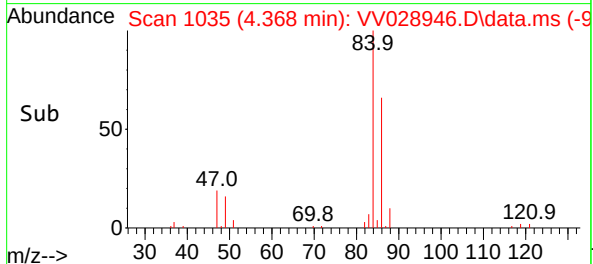
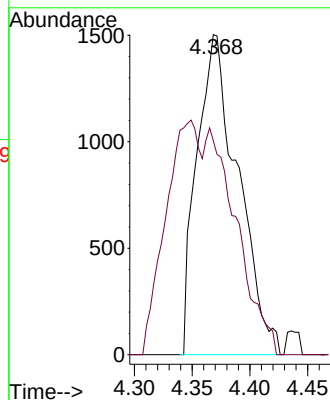
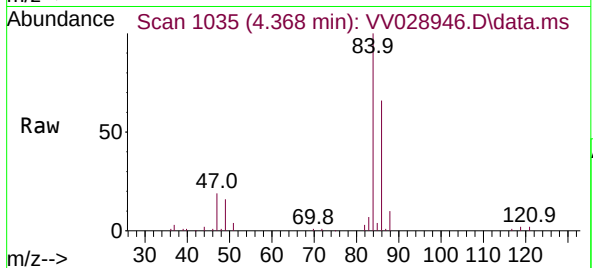
H0AC3DL

Tgt Ion: 83 Resp: 3723

Ion Ratio Lower Upper

83 100

85 66.9 43.7 81.1



#34

Trichloroethene

Concen: 2.926 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

Tgt Ion: 95 Resp: 58472

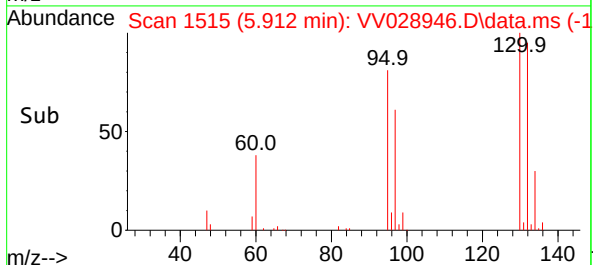
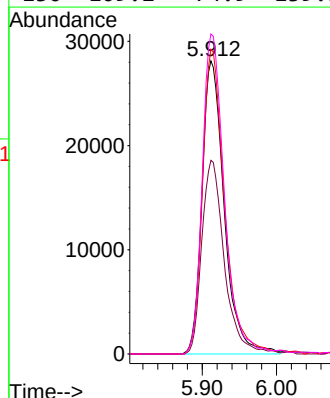
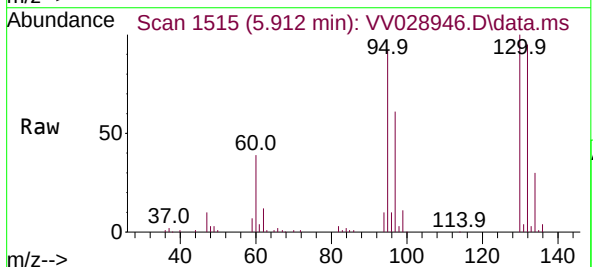
Ion Ratio Lower Upper

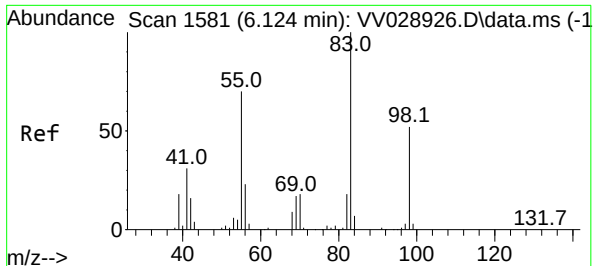
95 100

97 66.1 45.6 84.8

132 103.9 69.1 128.3

130 109.2 74.9 139.1





#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

H0AC3DL

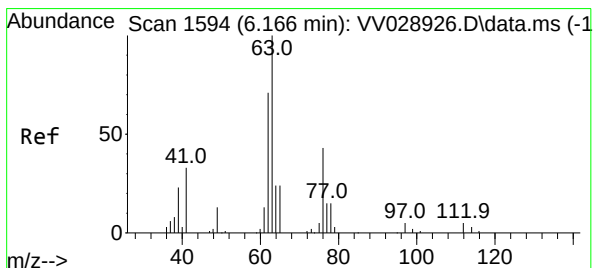
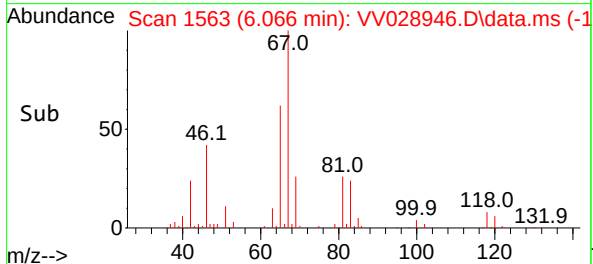
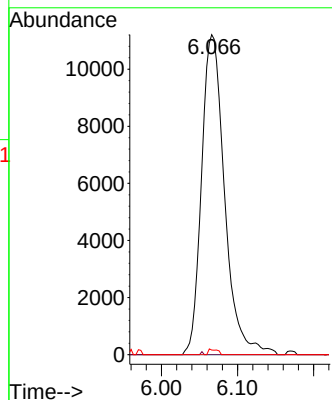
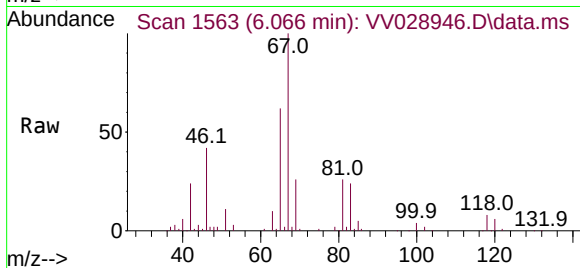
Tgt Ion: 83 Resp: 23638

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.096 min

Lab File: VV028946.D

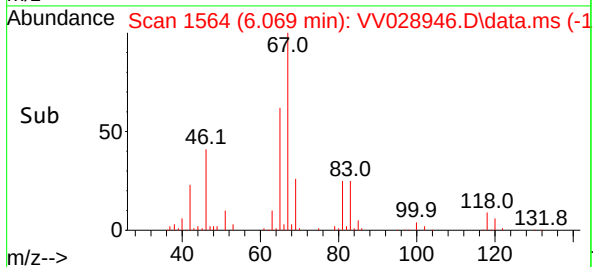
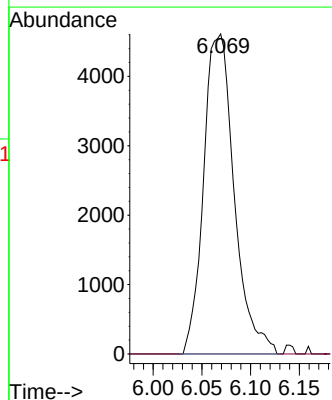
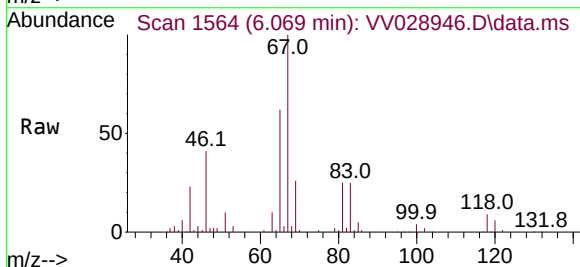
Acq: 14 Nov 2022 18:25

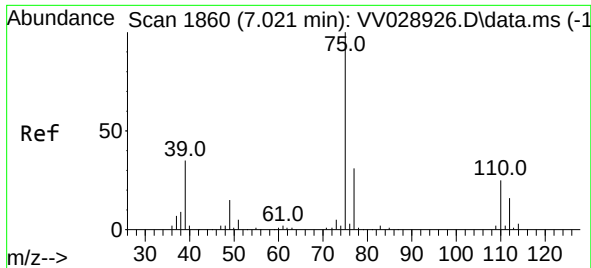
Tgt Ion: 63 Resp: 10089

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

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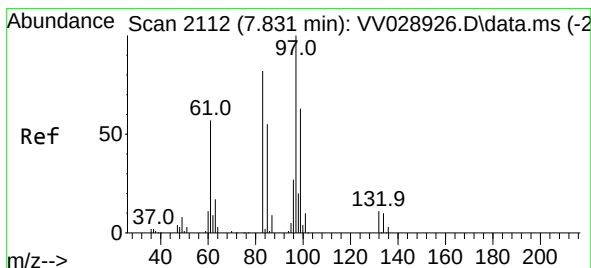
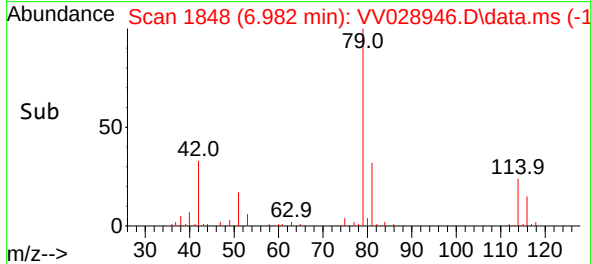
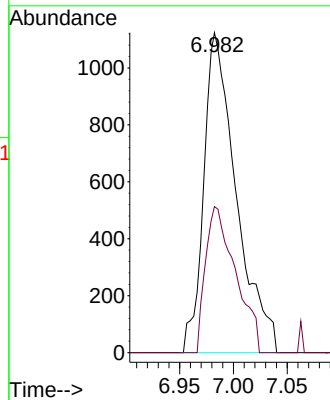
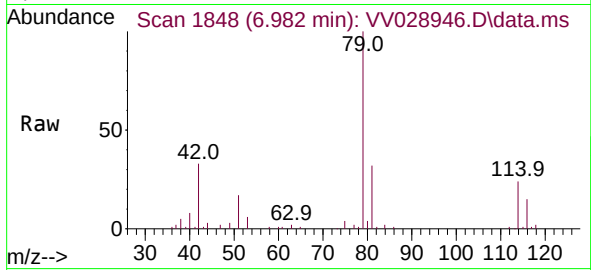
H0AC3DL

Tgt Ion: 75 Resp: 2363

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.091 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. 0.132 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

Tgt Ion: 97 Resp: 1069

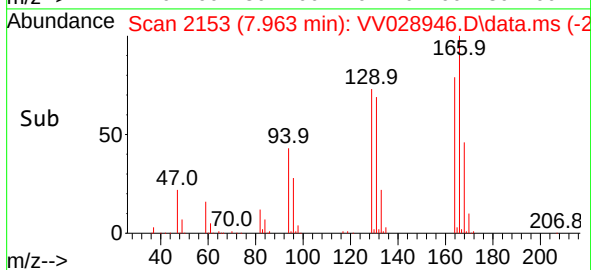
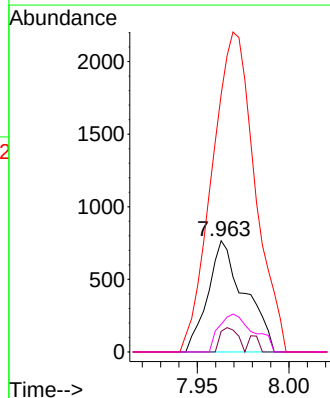
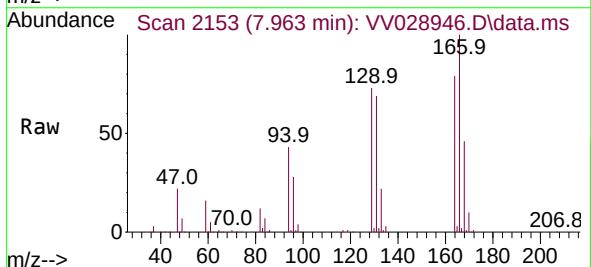
Ion Ratio Lower Upper

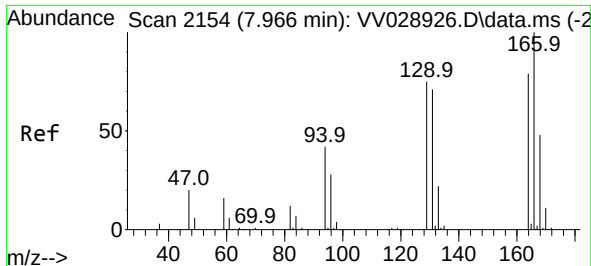
97 100

99 18.5 41.5 77.1#

83 231.6 60.0 111.4#

85 24.9 37.4 69.4#





#47

Tetrachloroethene

Concen: 9.375 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028946.D

Acq: 14 Nov 2022 18:25

Instrument :

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ClientSampleId :

H0AC3DL

Tgt Ion:164 Resp: 150017

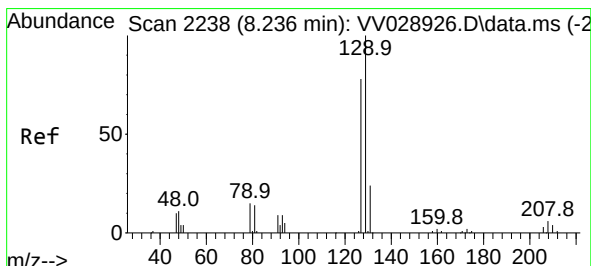
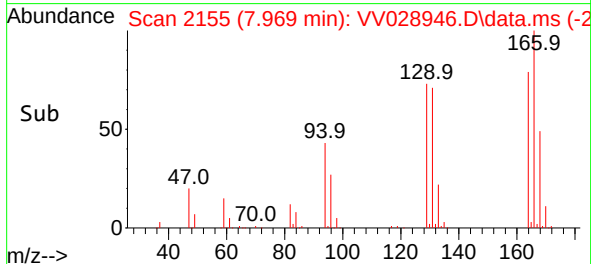
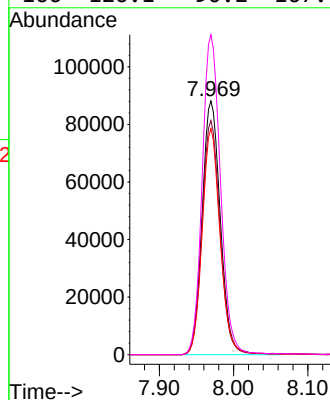
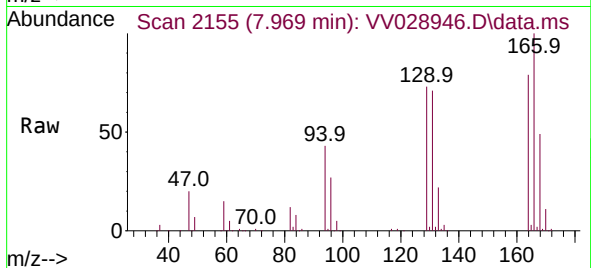
Ion Ratio Lower Upper

164 100

129 92.2 63.9 118.7

131 89.1 61.8 114.8

166 126.1 90.2 167.4



#49

Dibromochloromethane

Concen: 9.442 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV028946.D

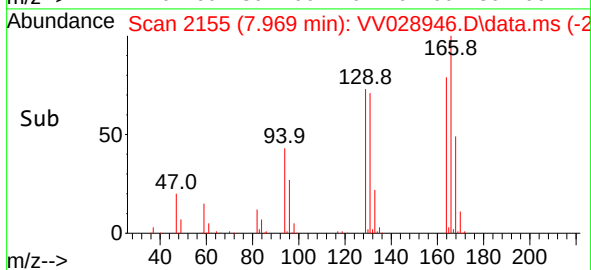
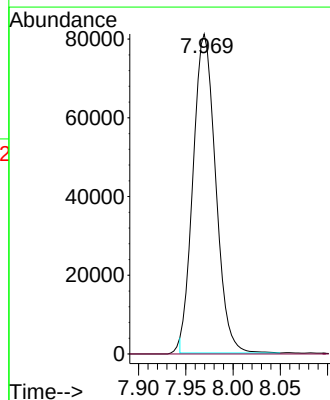
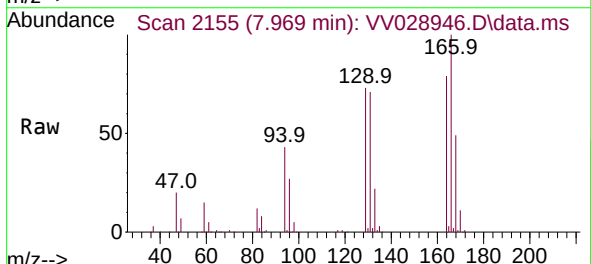
Acq: 14 Nov 2022 18:25

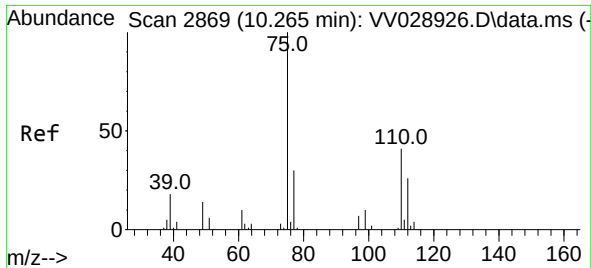
Tgt Ion:129 Resp: 134512

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.480 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV028946.D

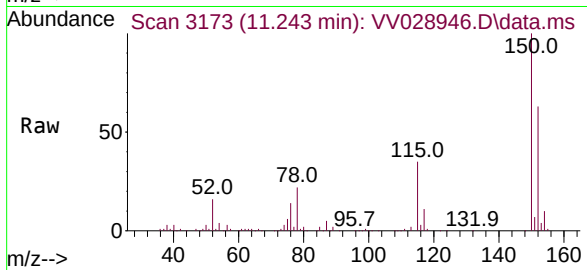
Acq: 14 Nov 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

H0AC3DL



Tgt Ion: 75 Resp: 12163

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 2.9 32.6 48.8#

