

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028947.D
 Acq On : 14 Nov 2022 18:50
 Operator : SY/MD
 Sample : N5592-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC4DL

Quant Time: Nov 15 00:06:58 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)

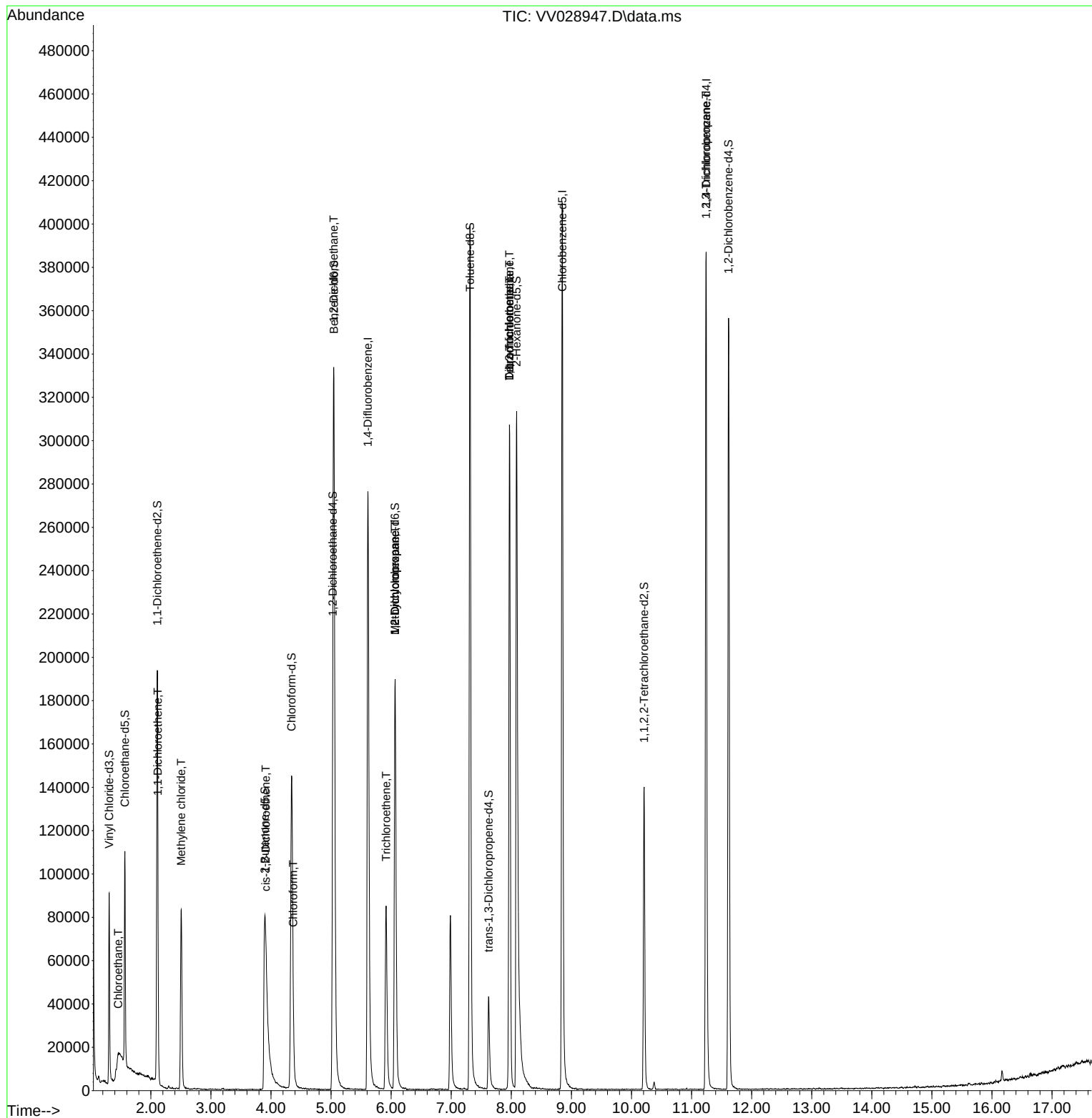
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	263875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	114309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61805	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.568	69	62970	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.108	63	93670	3.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.895	46	159173	59.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.220%
24) Chloroform-d	4.342	84	159738	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	74465	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	326498	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	97186	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.313	98	286091	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.622	79	29291	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	137075	48.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.040%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69335	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	103008	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.458	64	19502	1.594	ug/L #	53
12) 1,1-Dichloroethene	2.117	96	6158	0.385	ug/L #	1
16) Methylene chloride	2.503	84	37971	1.838	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	2278	0.121	ug/L	71
25) Chloroform	4.368	83	3053	0.096	ug/L	100
27) 1,2-Dichloroethane	5.043	62	1779	0.109	ug/L #	70
34) Trichloroethene	5.915	95	31011	1.611	ug/L	95
35) Methylcyclohexane	6.066	83	24334	0.719	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10643	0.614	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	685	0.060	ug/L #	40
47) Tetrachloroethene	7.969	164	71267	4.625	ug/L	97
49) Dibromochloromethane	7.969	129	66480	4.846	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11335	1.451	ug/L #	64

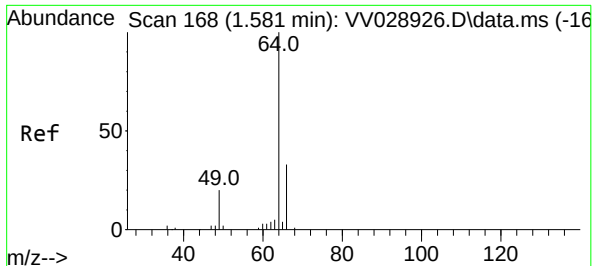
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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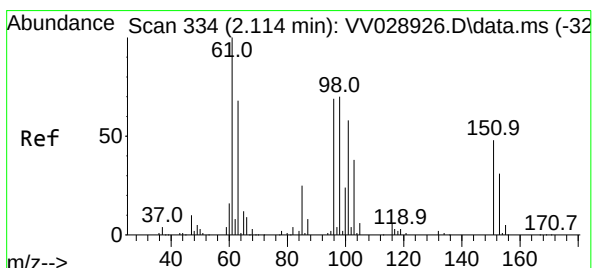
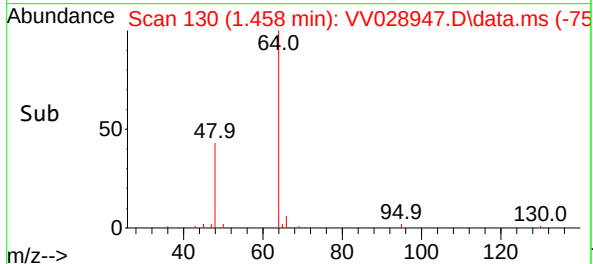
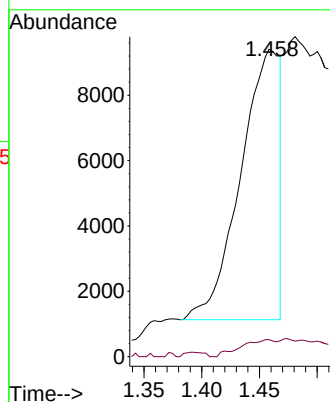
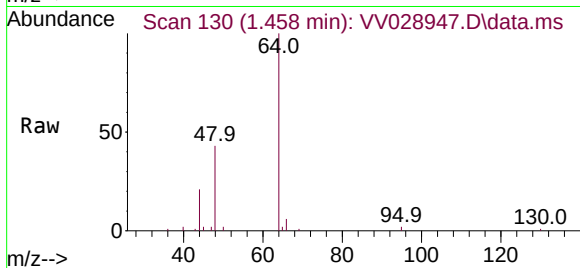




#8
Chloroethane
Concen: 1.594 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.122 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

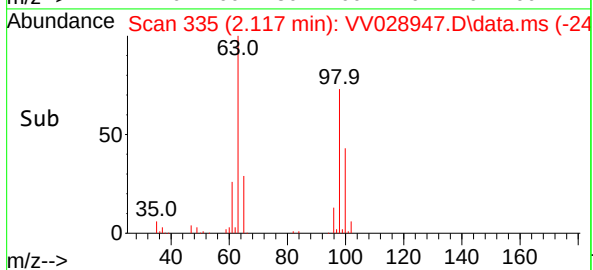
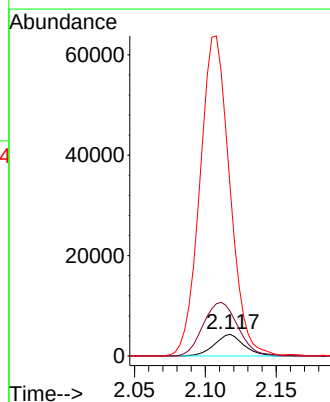
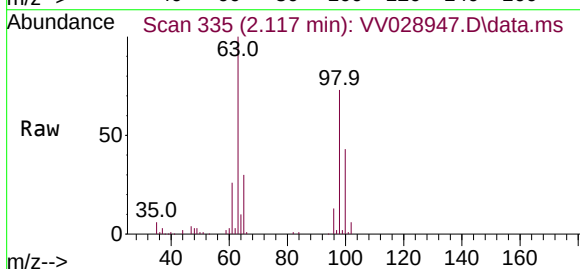
Instrument :
MSVOA_V
ClientSampleId :
H0AC4DL

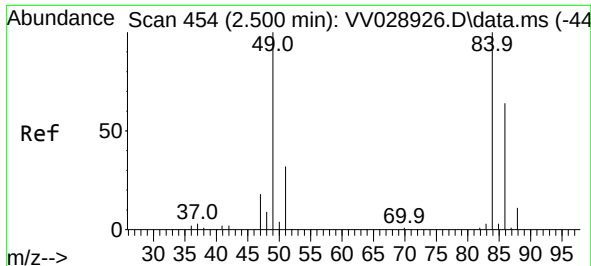
Tgt Ion: 64 Resp: 19502
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.385 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

Tgt Ion: 96 Resp: 6158
Ion Ratio Lower Upper
96 100
61 206.1 104.2 193.4#
63 780.2 75.9 140.9#

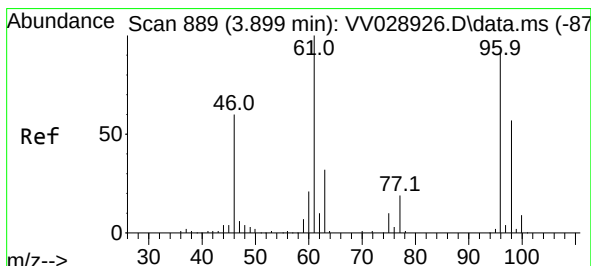
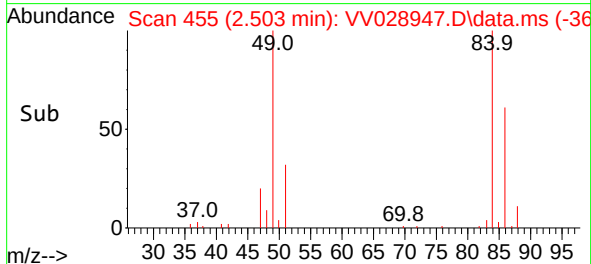
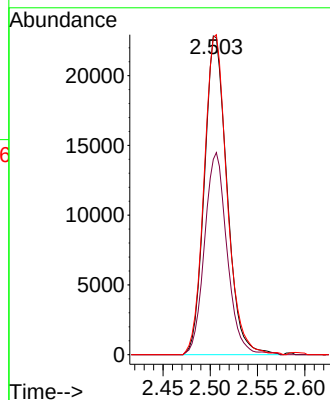
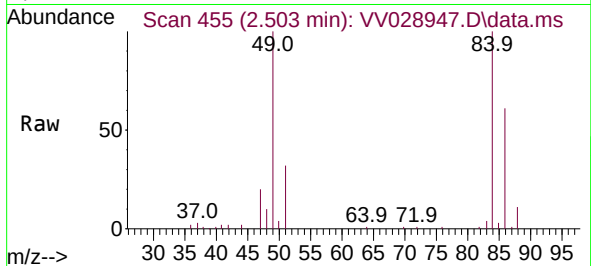




#16
Methylene chloride
Concen: 1.838 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

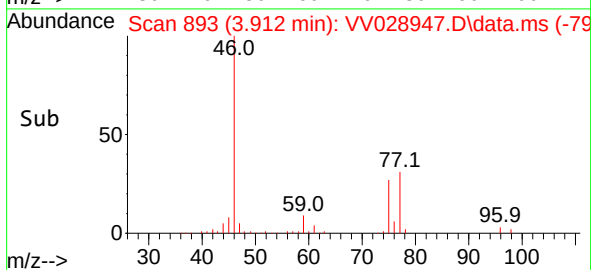
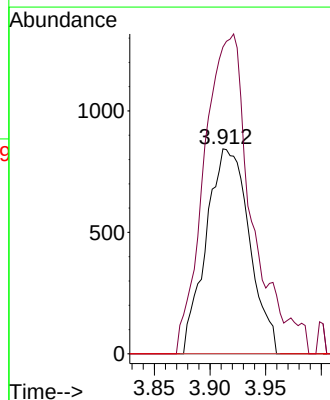
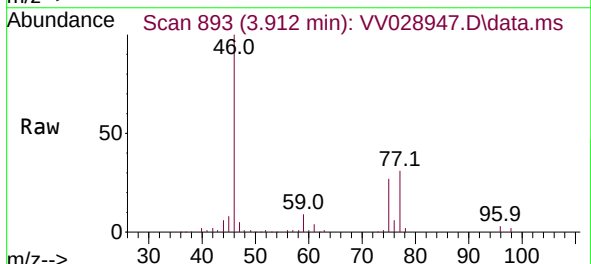
Instrument :
MSVOA_V
ClientSampleId :
H0AC4DL

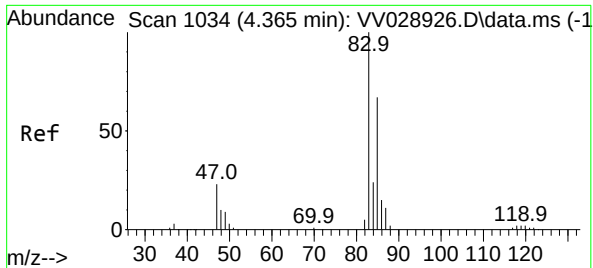
Tgt Ion: 84 Resp: 37971
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.0
49 99.6 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.013 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

Tgt Ion: 96 Resp: 2278
Ion Ratio Lower Upper
96 100
61 149.6 82.3 152.9
68 0.0 0.0 0.0

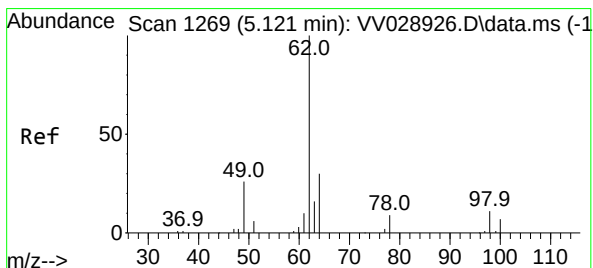
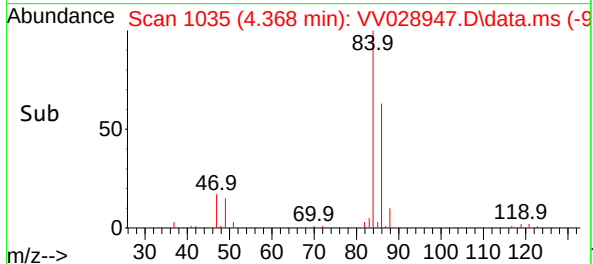
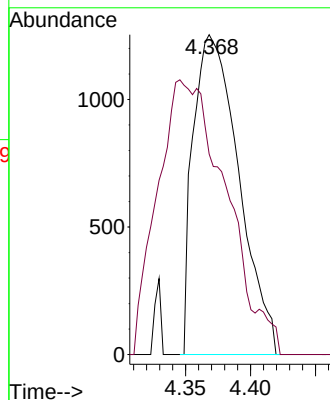
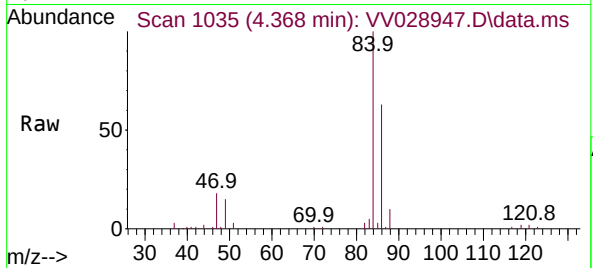




#25
Chloroform
Concen: 0.096 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

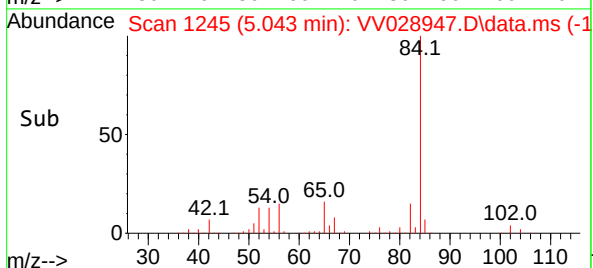
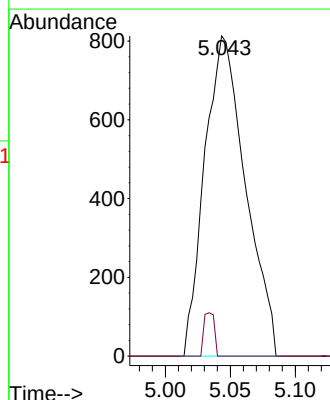
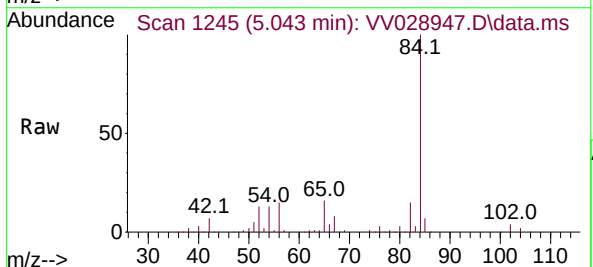
Instrument :
MSVOA_V
ClientSampleId :
H0AC4DL

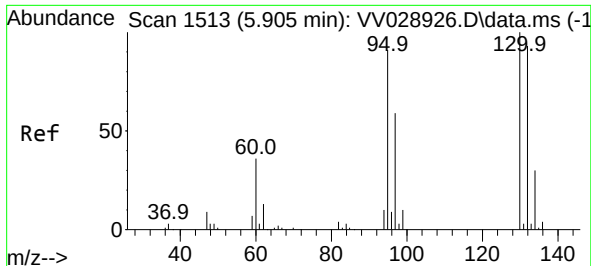
Tgt Ion: 83 Resp: 3053
Ion Ratio Lower Upper
83 100
85 62.7 43.7 81.1



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.077 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

Tgt Ion: 62 Resp: 1779
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



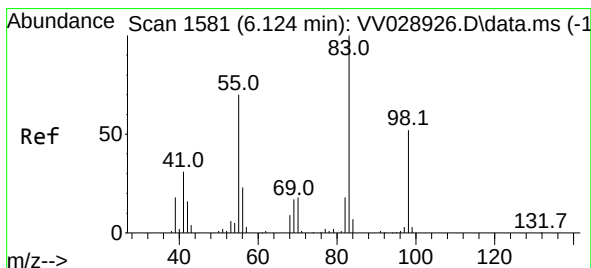
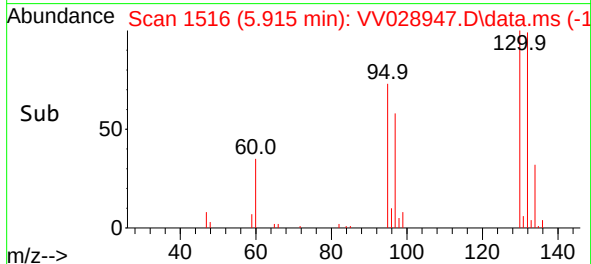
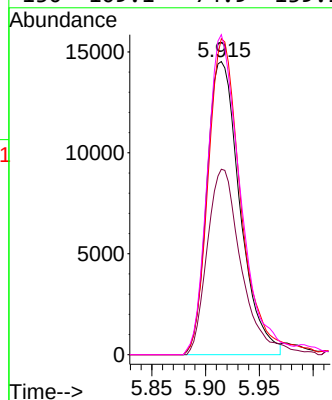
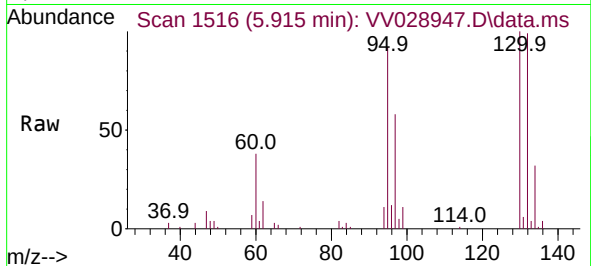


#34
Trichloroethene
Concen: 1.611 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

Instrument :
MSVOA_V
ClientSampleId :
H0AC4DL

Tgt Ion: 95 Resp: 31011

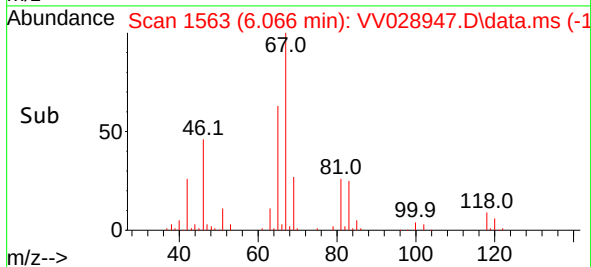
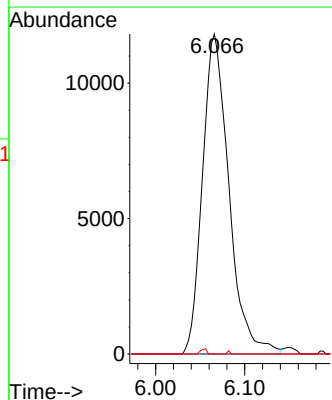
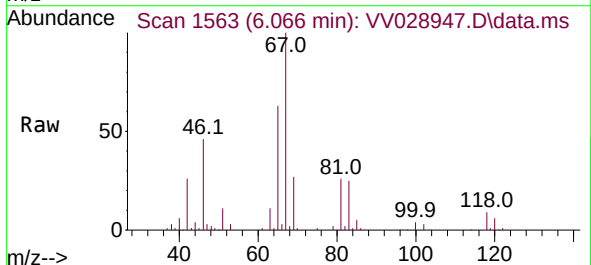
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.6	84.8
132	107.8	69.1	128.3
130	109.1	74.9	139.1

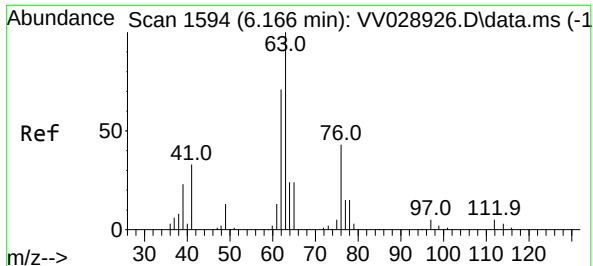


#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028947.D
Acq: 14 Nov 2022 18:50

Tgt Ion: 83 Resp: 24334

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.4	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV028947.D

Acq: 14 Nov 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

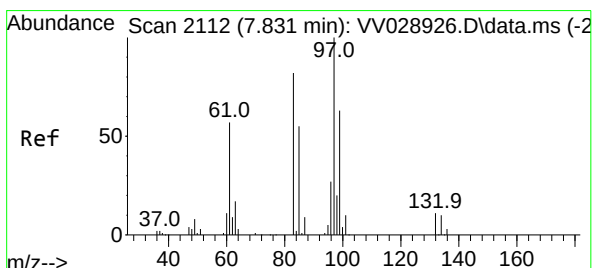
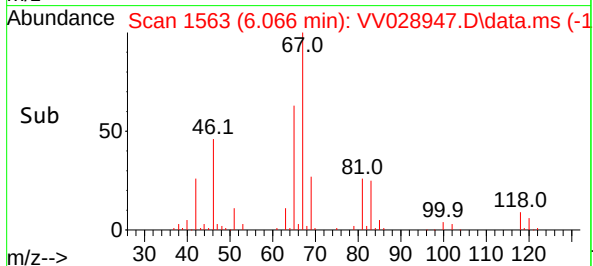
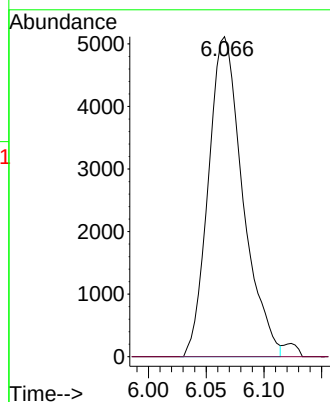
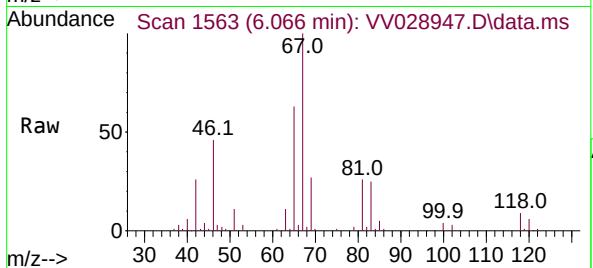
H0AC4DL

Tgt Ion: 63 Resp: 10643

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.060 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.138 min

Lab File: VV028947.D

Acq: 14 Nov 2022 18:50

Tgt Ion: 97 Resp: 685

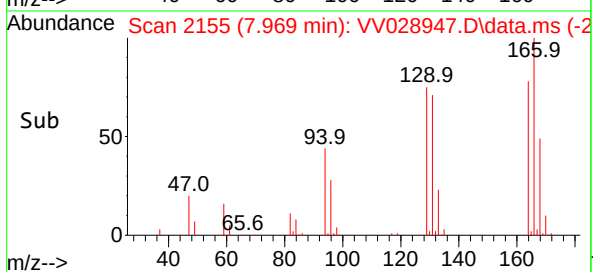
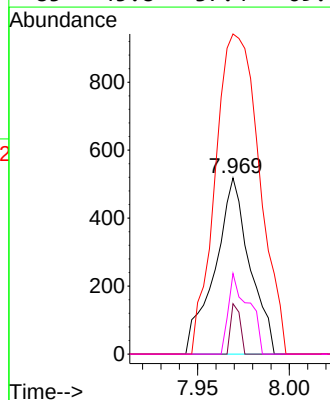
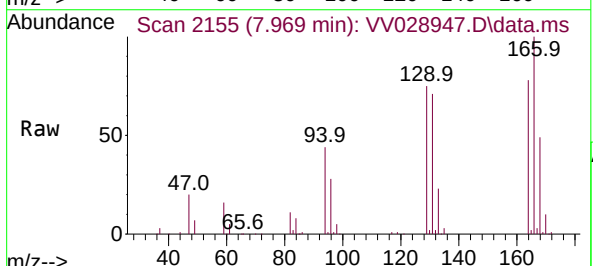
Ion Ratio Lower Upper

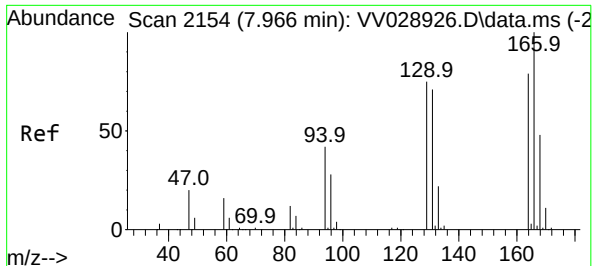
97 100

99 28.6 41.5 77.1#

83 181.9 60.0 111.4#

85 45.8 37.4 69.4





#47

Tetrachloroethene

Concen: 4.625 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028947.D

Acq: 14 Nov 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

H0AC4DL

Tgt Ion:164 Resp: 71267

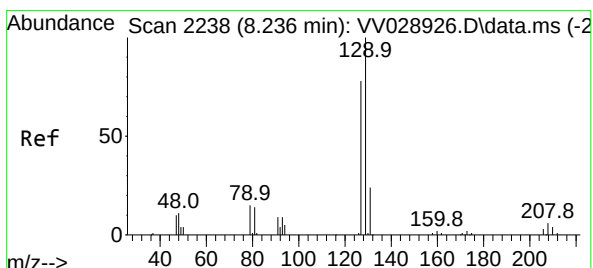
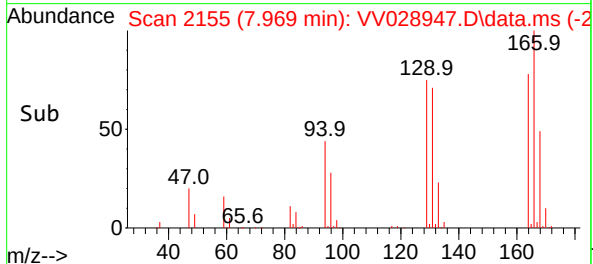
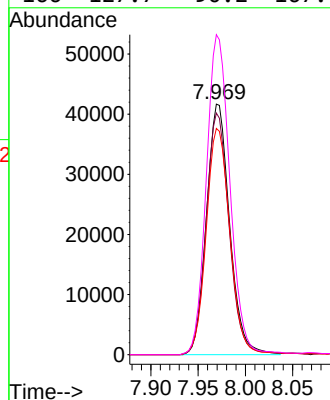
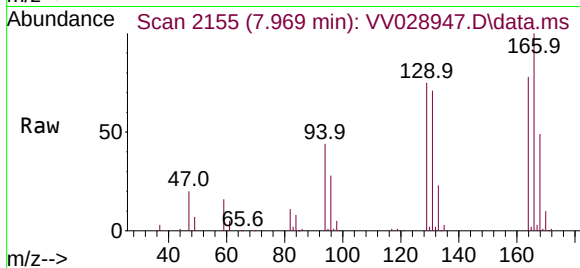
Ion Ratio Lower Upper

164 100

129 96.4 63.9 118.7

131 90.3 61.8 114.8

166 127.7 90.2 167.4



#49

Dibromochloromethane

Concen: 4.846 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV028947.D

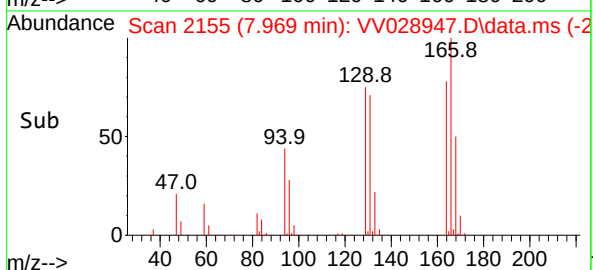
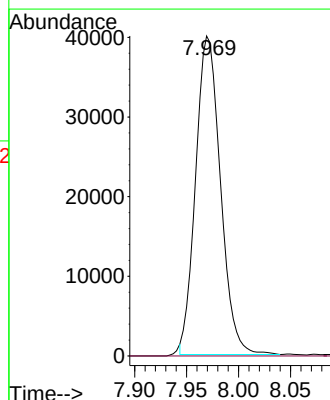
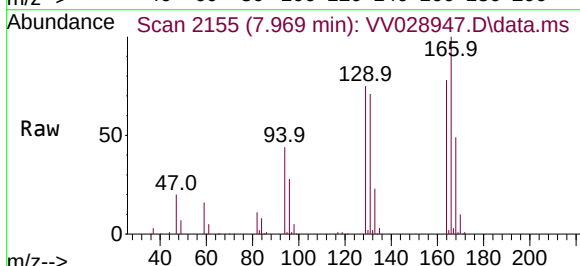
Acq: 14 Nov 2022 18:50

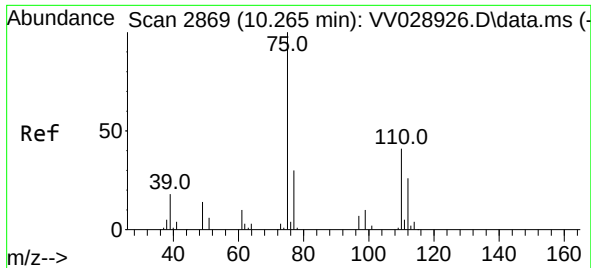
Tgt Ion:129 Resp: 66480

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.451 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028947.D

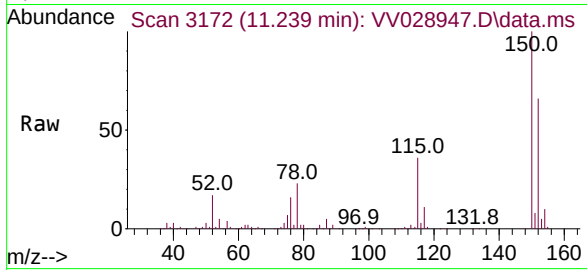
Acq: 14 Nov 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

H0AC4DL



Tgt Ion: 75 Resp: 11335

Ion Ratio Lower Upper

75 100

77 34.5 26.2 39.2

110 1.9 32.6 48.8#

