

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW029000.D
 Acq On : 15 Nov 2022 19:47
 Operator : SY/MD
 Sample : N5593-03DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD1DL

Quant Time: Nov 16 03:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

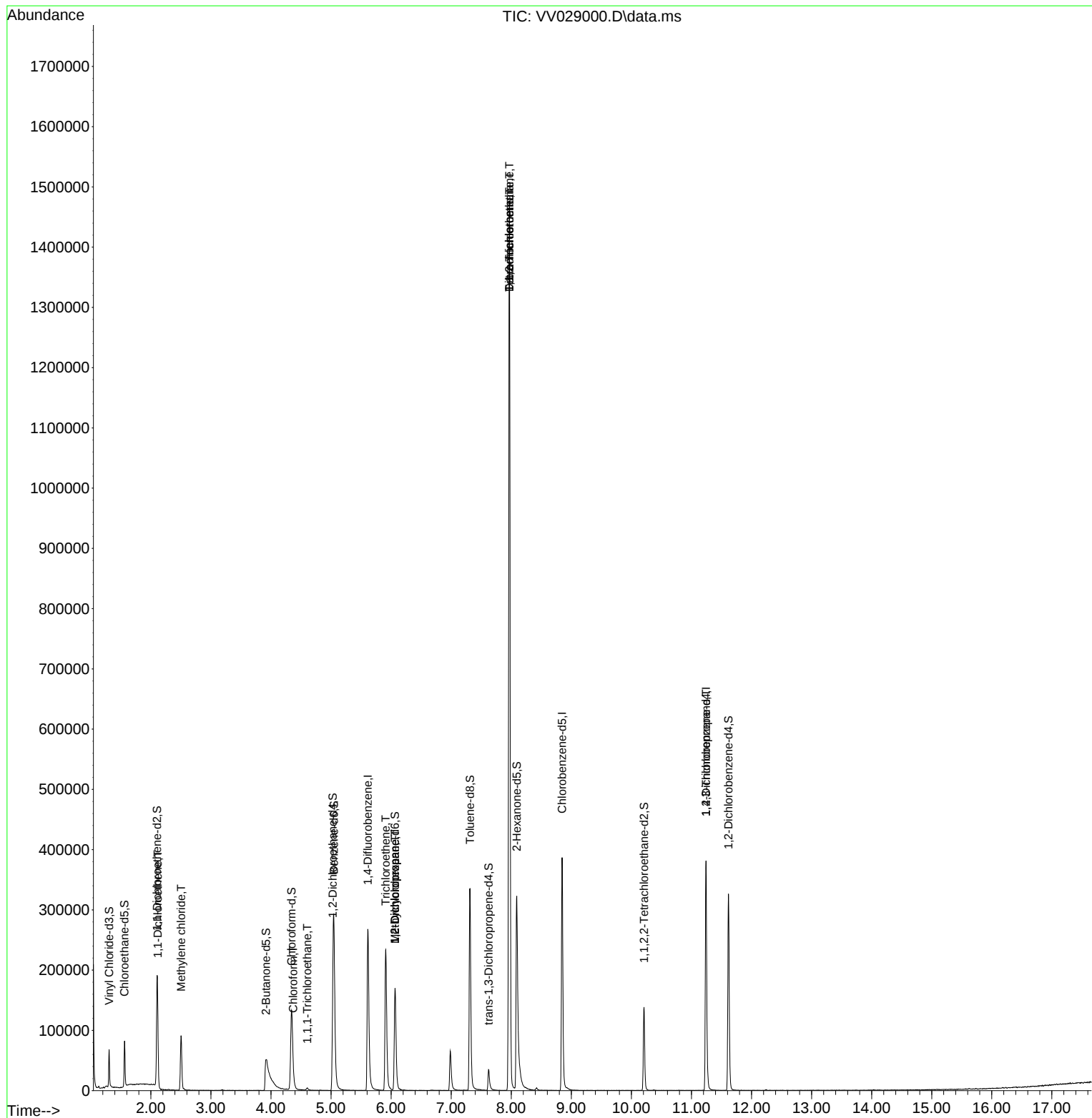
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	260289	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	232142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	111304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40219	2.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.600%
7) Chloroethane-d5	1.561	69	47957	3.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.105	63	80456	2.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.915	46	145694	54.848	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.700%
24) Chloroform-d	4.342	84	145503	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.031	65	71410	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.047	84	287107	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.066	67	90130	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	241851	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.622	79	24035	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.092	63	133549	49.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70415	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	94156	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	26099	1.656	ug/L #	77
16) Methylene chloride	2.503	84	42306	2.076	ug/L	96
25) Chloroform	4.368	83	7159	0.229	ug/L	92
29) 1,1,1-Trichloroethane	4.606	97	3161	0.116	ug/L #	81
34) Trichloroethene	5.908	95	86245	4.749	ug/L	98
35) Methylcyclohexane	6.066	83	22400	0.702	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9769	0.597	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	2471	0.231	ug/L #	1
47) Tetrachloroethene	7.969	164	345428	23.754	ug/L	99
49) Dibromochloromethane	7.969	129	303143	23.414	ug/L #	11
61) 1,2,3-Trichloropropane	11.243	75	11855	1.559	ug/L #	64

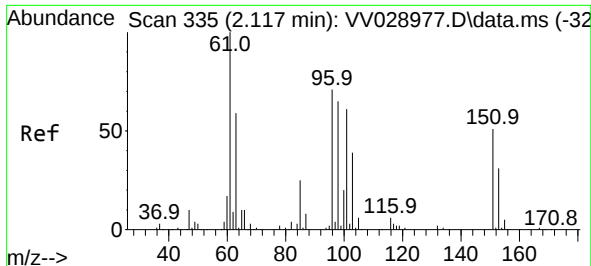
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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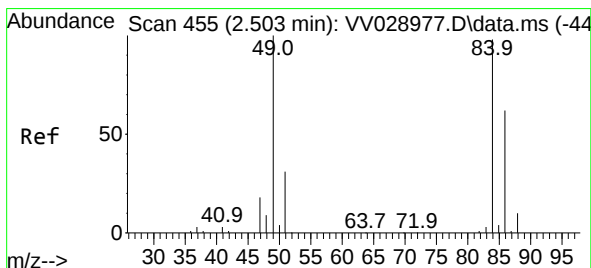
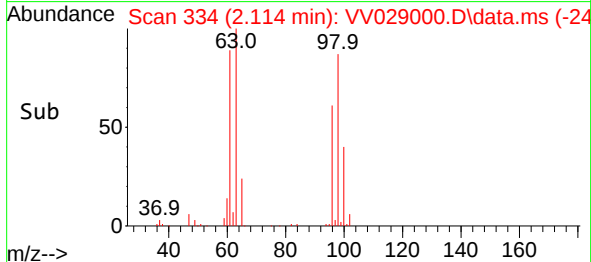
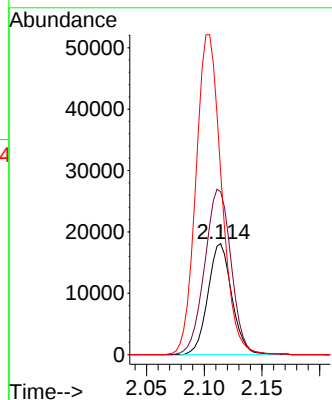
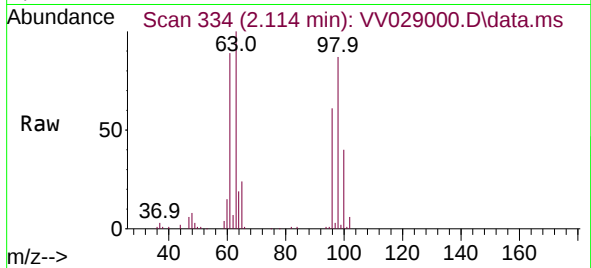




#12
1,1-Dichloroethene
Concen: 1.656 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029000.D
Acq: 15 Nov 2022 19:47

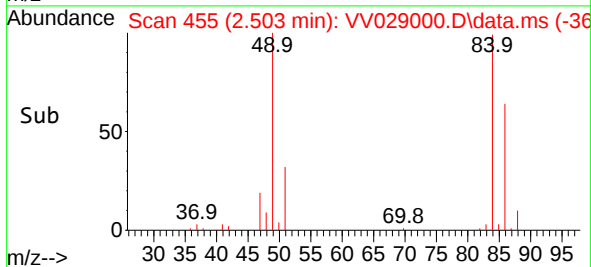
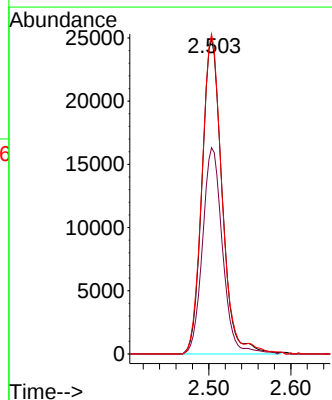
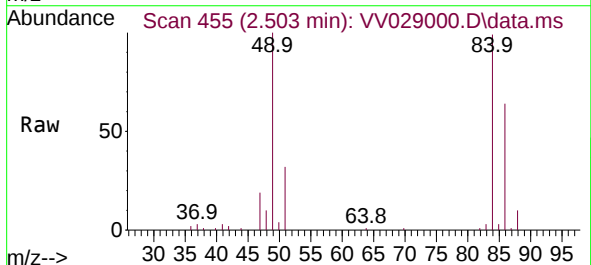
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL

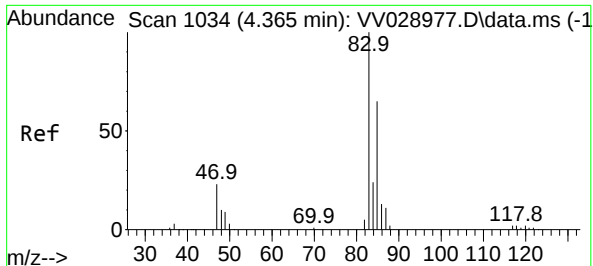
Tgt Ion: 96 Resp: 26099
Ion Ratio Lower Upper
96 100
61 146.7 104.2 193.4
63 164.0 75.9 140.9#



#16
Methylene chloride
Concen: 2.076 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029000.D
Acq: 15 Nov 2022 19:47

Tgt Ion: 84 Resp: 42306
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 101.5 75.5 140.1





#25

Chloroform

Concen: 0.229 ug/L

RT: 4.368 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV029000.D

Acq: 15 Nov 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

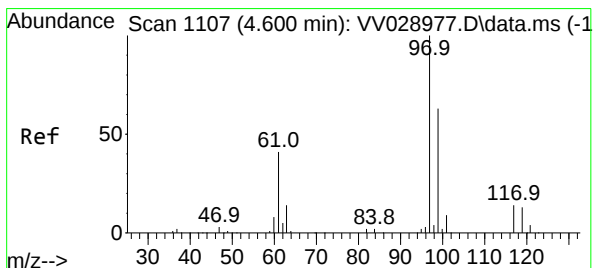
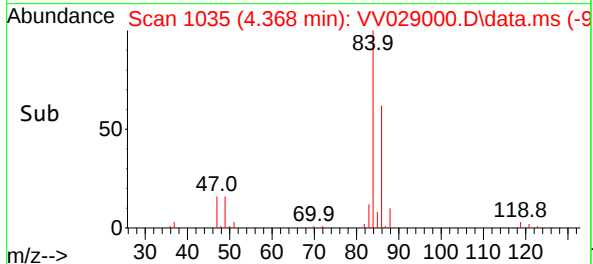
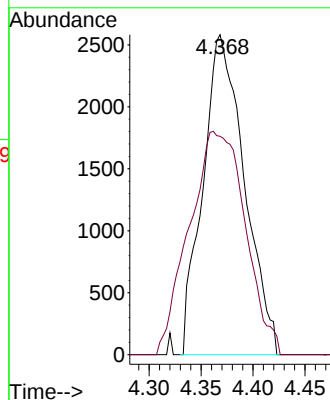
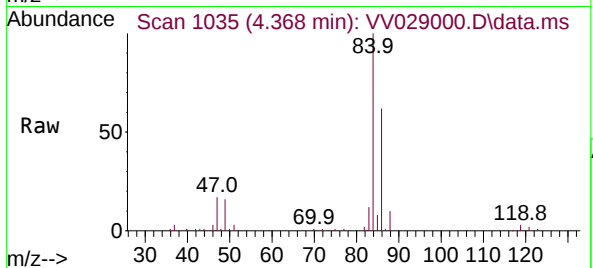
H0AD1DL

Tgt Ion: 83 Resp: 7159

Ion Ratio Lower Upper

83 100

85 68.2 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.116 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV029000.D

Acq: 15 Nov 2022 19:47

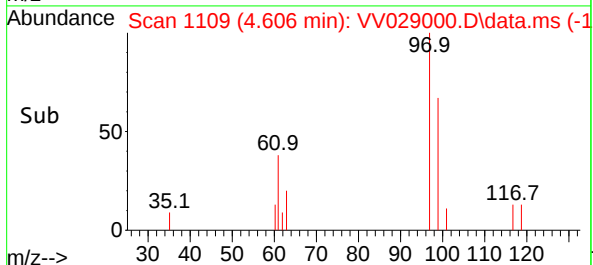
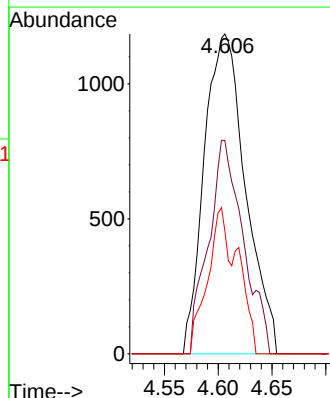
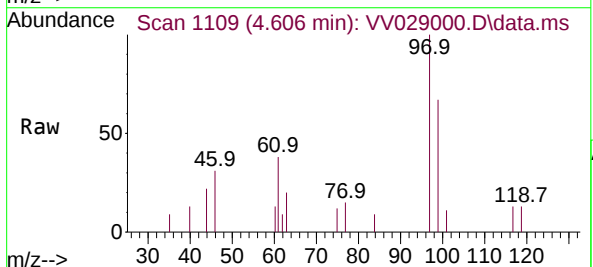
Tgt Ion: 97 Resp: 3161

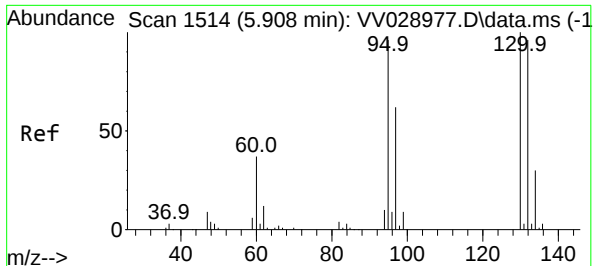
Ion Ratio Lower Upper

97 100

99 56.3 52.7 79.1

61 23.7 33.8 50.6#

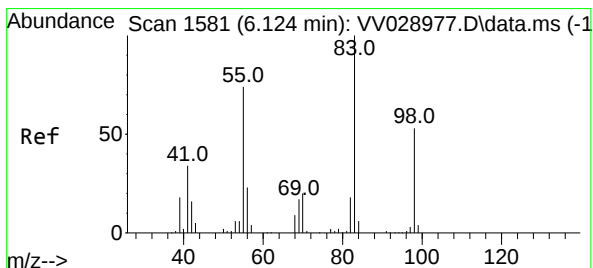
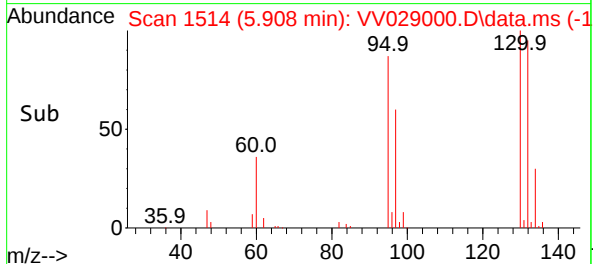
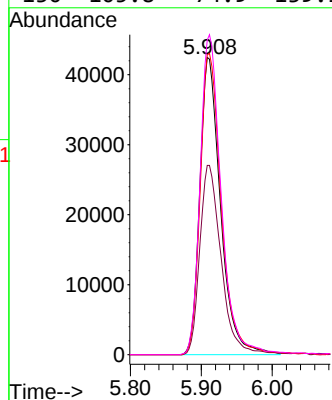
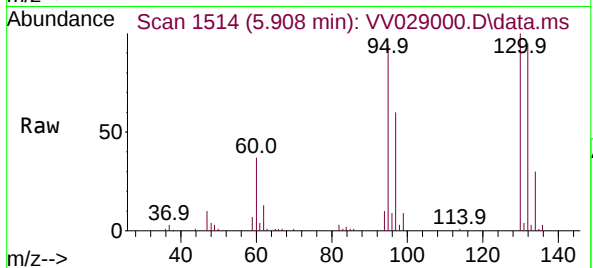




#34
Trichloroethene
Concen: 4.749 ug/L
RT: 5.908 min Scan# 1563
Delta R.T. -0.000 min
Lab File: VV029000.D
Acq: 15 Nov 2022 19:47

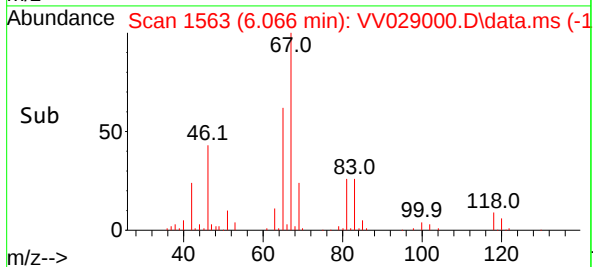
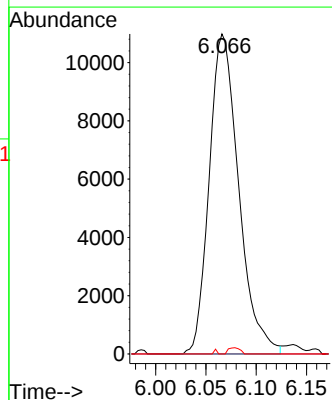
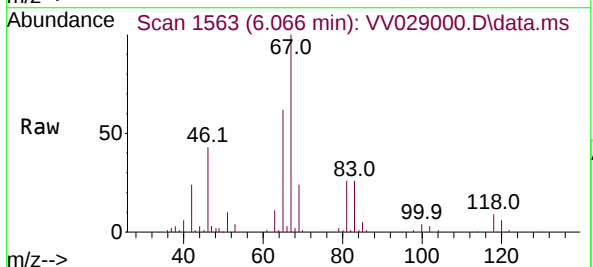
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL

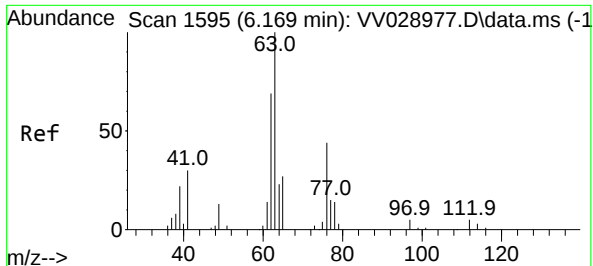
Tgt Ion: 95 Resp: 86245
Ion Ratio Lower Upper
95 100
97 63.7 45.6 84.8
132 100.9 69.1 128.3
130 105.8 74.9 139.1



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029000.D
Acq: 15 Nov 2022 19:47

Tgt Ion: 83 Resp: 22400
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029000.D

Acq: 15 Nov 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

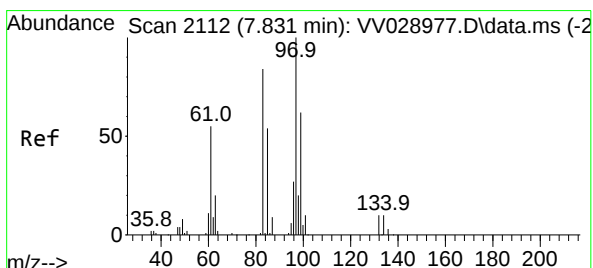
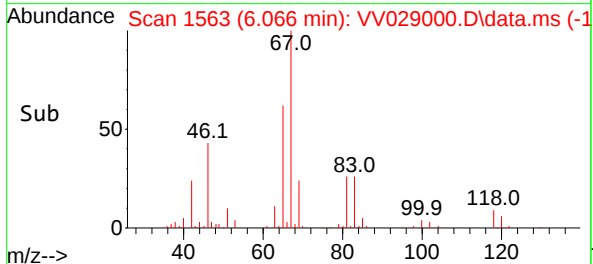
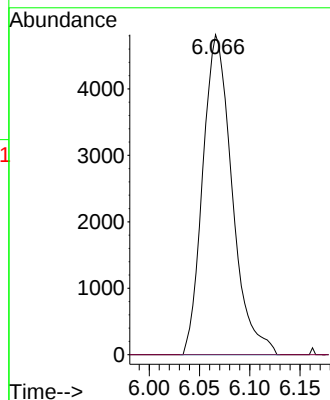
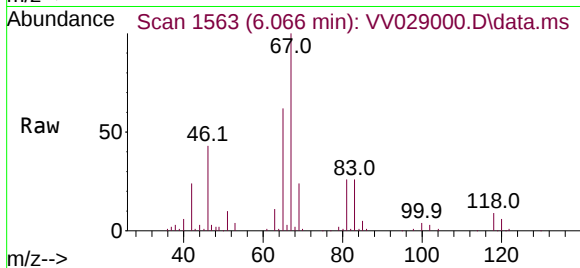
H0AD1DL

Tgt Ion: 63 Resp: 9769

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.231 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.138 min

Lab File: VV029000.D

Acq: 15 Nov 2022 19:47

Tgt Ion: 97 Resp: 2471

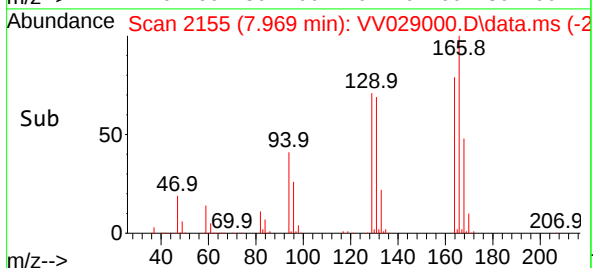
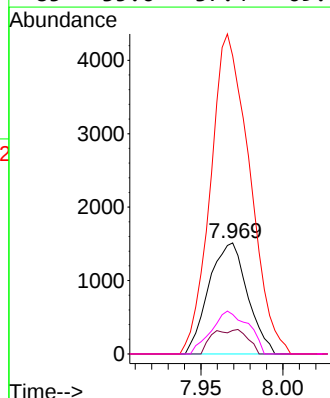
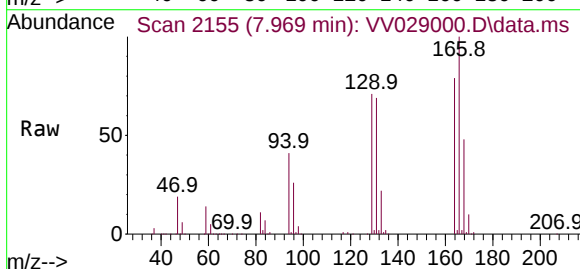
Ion Ratio Lower Upper

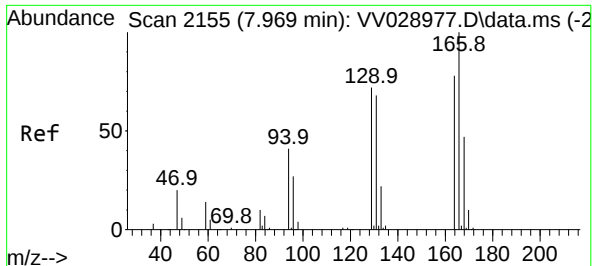
97 100

99 21.2 41.5 77.1#

83 268.4 60.0 111.4#

85 35.6 37.4 69.4#





#47

Tetrachloroethene

Concen: 23.754 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV029000.D

Acq: 15 Nov 2022 19:47

Instrument :

MSVOA_V

ClientSampleId :

H0AD1DL

Tgt Ion:164 Resp: 345428

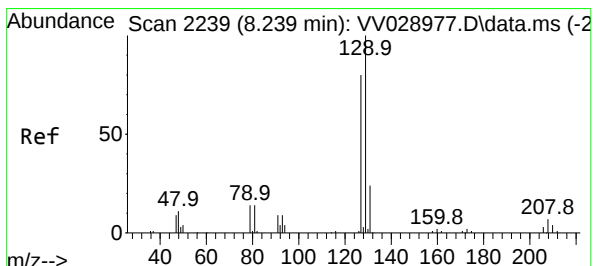
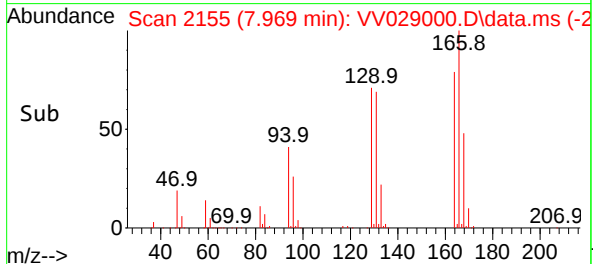
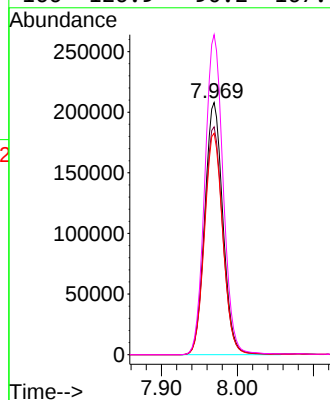
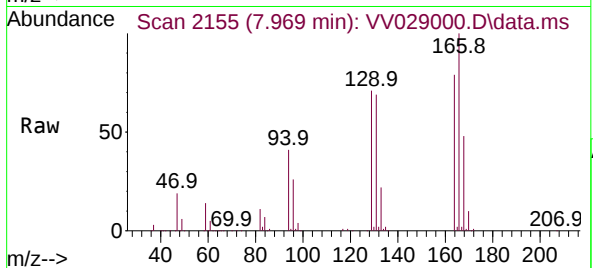
Ion Ratio Lower Upper

164 100

129 90.4 63.9 118.7

131 87.8 61.8 114.8

166 126.9 90.2 167.4



#49

Dibromochloromethane

Concen: 23.414 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029000.D

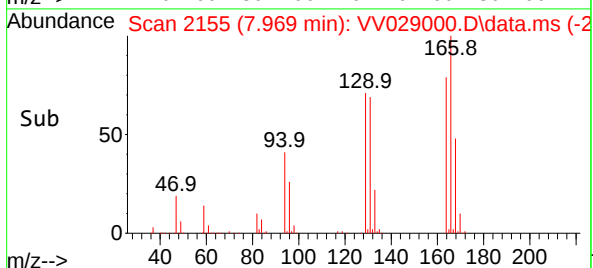
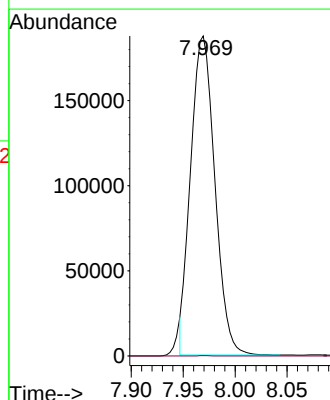
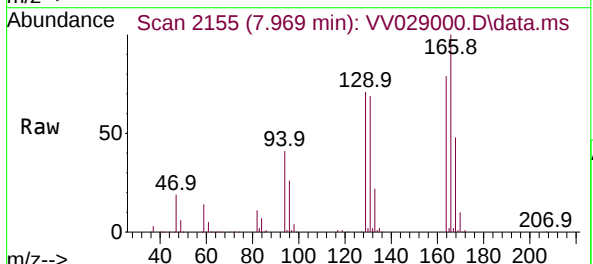
Acq: 15 Nov 2022 19:47

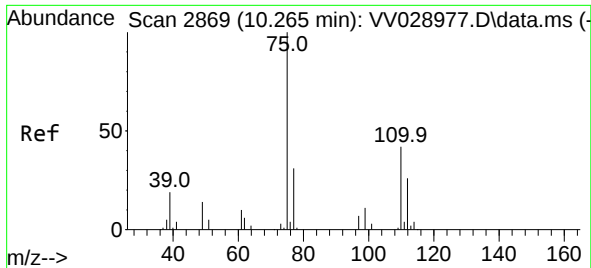
Tgt Ion:129 Resp: 303143

Ion Ratio Lower Upper

129 100

127 0.1 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.559 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV029000.D

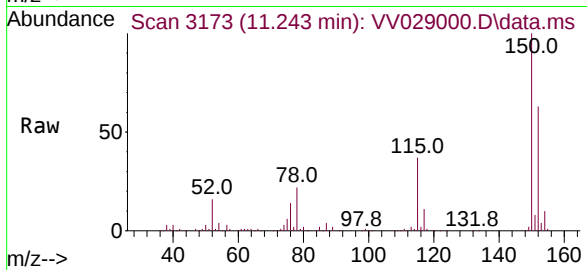
Acq: 15 Nov 2022 19:47

Instrument :

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Tgt Ion: 75 Resp: 11855

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2

110 2.6 32.6 48.8#

