

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028984.D
 Acq On : 15 Nov 2022 13:17
 Operator : SY/MD
 Sample : N5593-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE2DL

Quant Time: Nov 16 03:18:25 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)

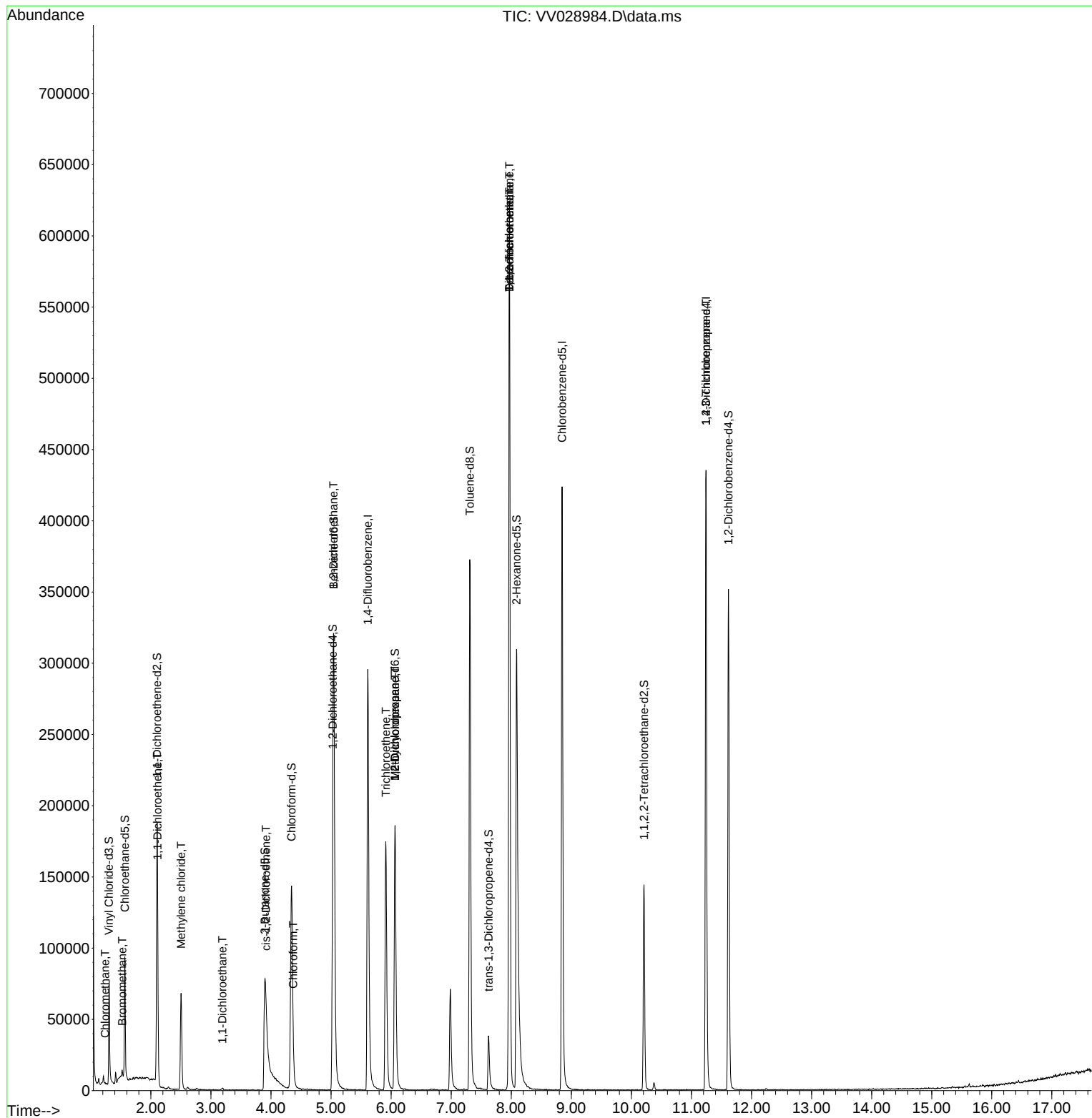
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	284609	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	256593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	124603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54227	3.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.568	69	56516	3.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.105	63	87202	2.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.200%#
20) 2-Butanone-d5	3.899	46	154184	53.084	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	4.342	84	156316	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.027	65	73948	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	314965	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	96234	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.310	98	268312	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.622	79	27156	3.893	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.088	63	143551	48.214	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.420%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72384	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	100643	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	922	0.047	ug/L	86
6) Bromomethane	1.523	94	2128	0.159	ug/L	91
12) 1,1-Dichloroethene	2.114	96	11673	0.678	ug/L #	1
16) Methylene chloride	2.503	84	30925	1.388	ug/L	98
19) 1,1-Dichloroethane	3.191	63	1591	0.049	ug/L #	84
22) cis-1,2-Dichloroethene	3.915	96	5120	0.252	ug/L	93
25) Chloroform	4.371	83	3320	0.097	ug/L	98
27) 1,2-Dichloroethane	5.040	62	1579	0.090	ug/L #	70
34) Trichloroethene	5.911	95	65595	3.268	ug/L	98
35) Methylcyclohexane	6.066	83	24423	0.692	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10287	0.569	ug/L #	85
45) 1,1,2-Trichloroethane	7.969	97	1146	0.097	ug/L #	1
47) Tetrachloroethene	7.969	164	146310	9.103	ug/L	99
49) Dibromochloromethane	7.969	129	129731	9.065	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	12763	1.499	ug/L #	63

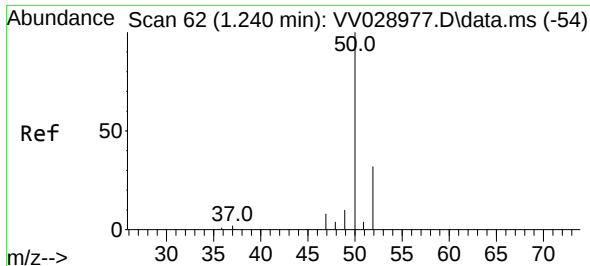
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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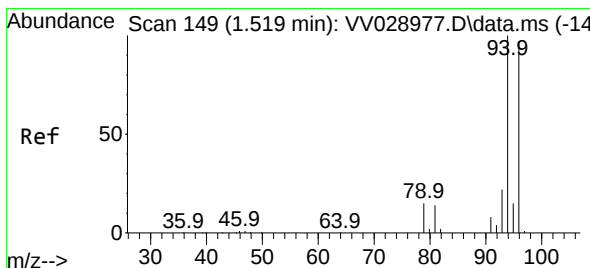
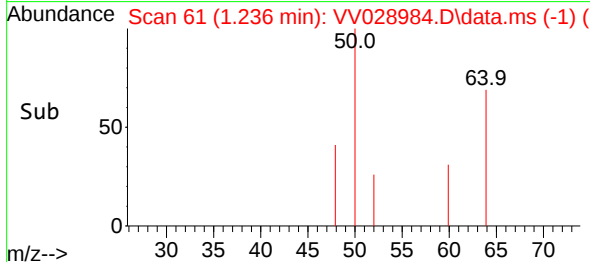
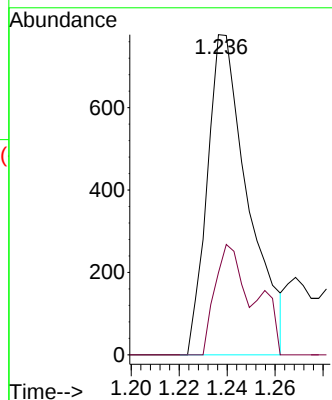
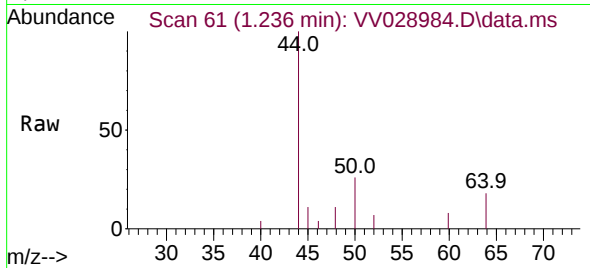




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028984.D
Acq: 15 Nov 2022 13:17

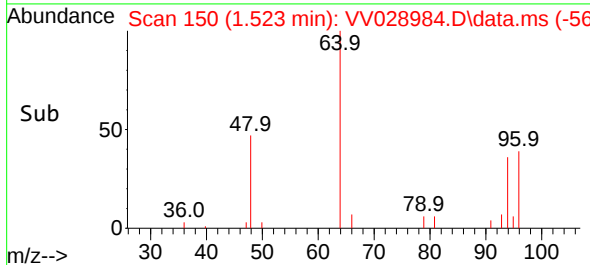
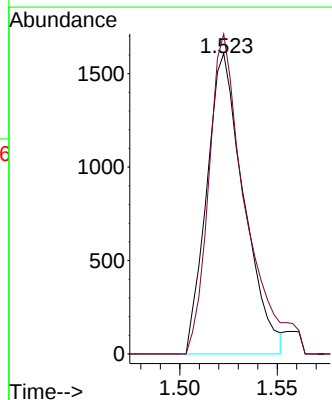
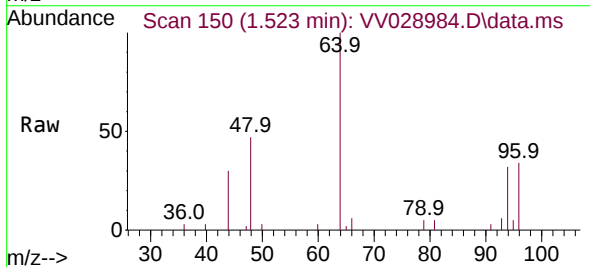
Instrument :
MSVOA_V
ClientSampleId :
H0AE2DL

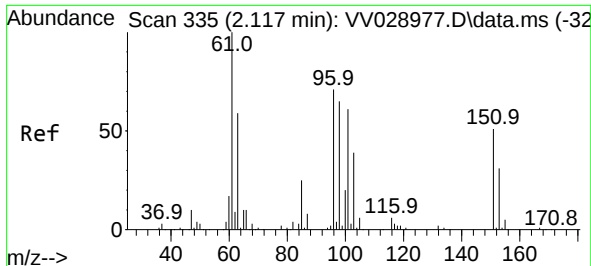
Tgt Ion: 50 Resp: 922
Ion Ratio Lower Upper
50 100
52 25.6 23.7 43.9



#6
Bromomethane
Concen: 0.159 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028984.D
Acq: 15 Nov 2022 13:17

Tgt Ion: 94 Resp: 2128
Ion Ratio Lower Upper
94 100
96 106.5 68.5 127.3





#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

H0AE2DL

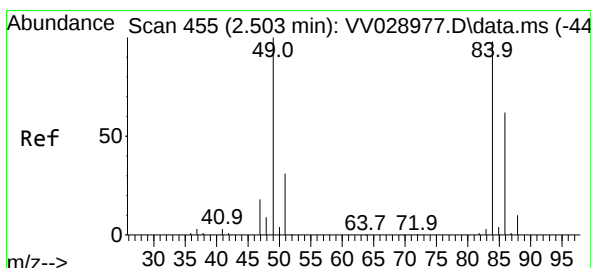
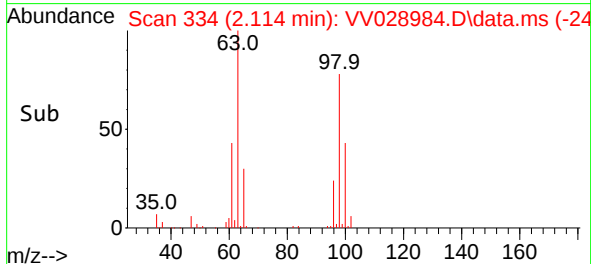
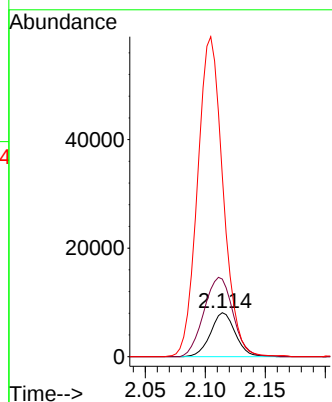
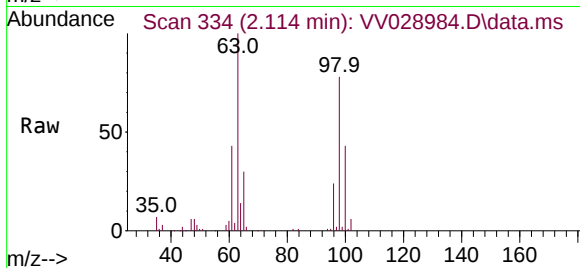
Tgt Ion: 96 Resp: 11673

Ion Ratio Lower Upper

96 100

61 176.3 104.2 193.4

63 411.6 75.9 140.9#



#16

Methylene chloride

Concen: 1.388 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

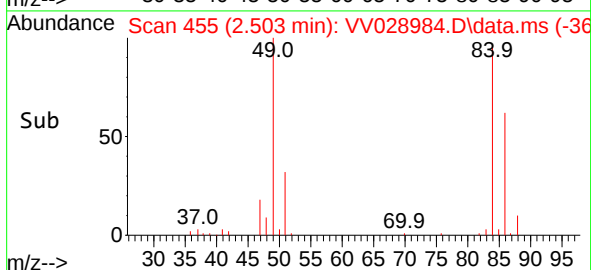
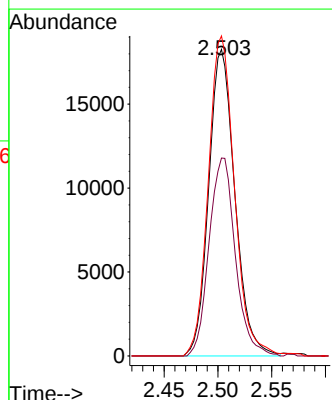
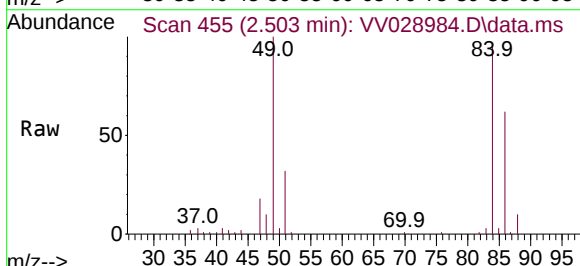
Tgt Ion: 84 Resp: 30925

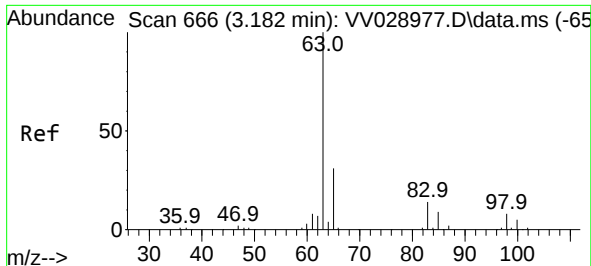
Ion Ratio Lower Upper

84 100

86 64.6 45.8 85.0

49 104.4 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.049 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

H0AE2DL

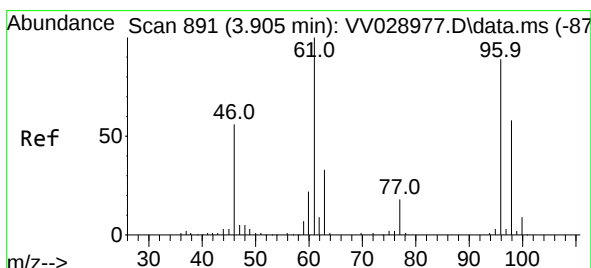
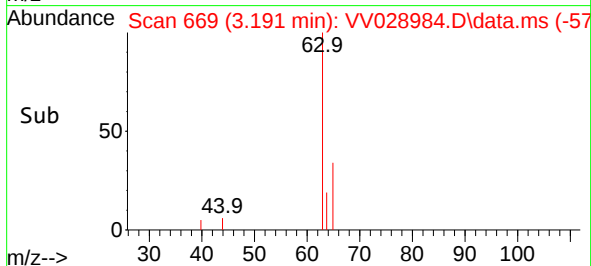
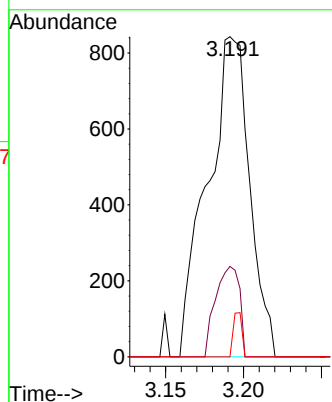
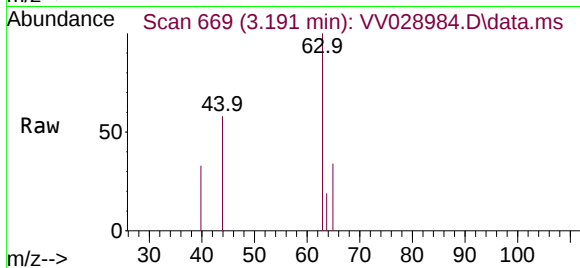
Tgt Ion: 63 Resp: 1591

Ion Ratio Lower Upper

63 100

65 28.2 23.0 42.6

83 0.0 9.4 17.6#



#22

cis-1,2-Dichloroethene

Concen: 0.252 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

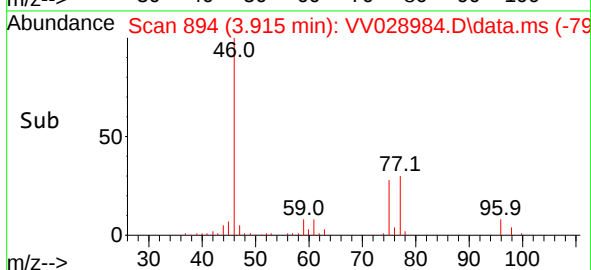
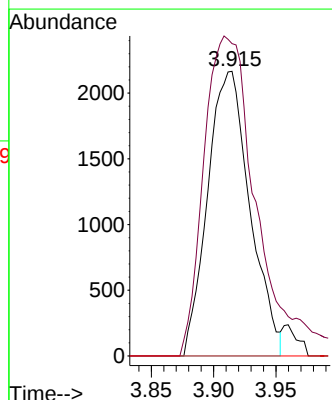
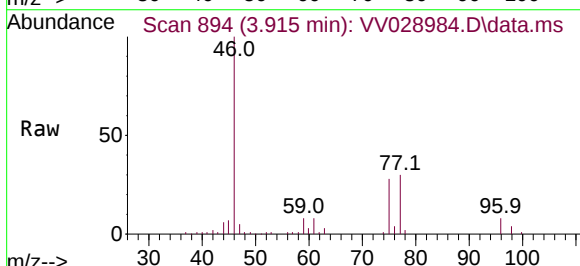
Tgt Ion: 96 Resp: 5120

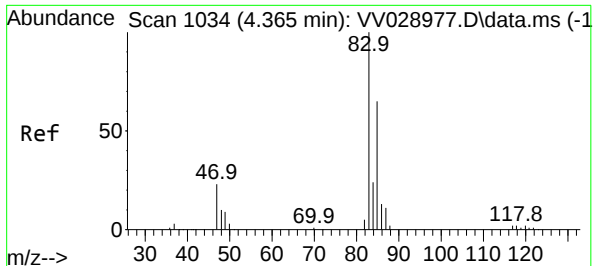
Ion Ratio Lower Upper

96 100

61 109.7 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.097 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

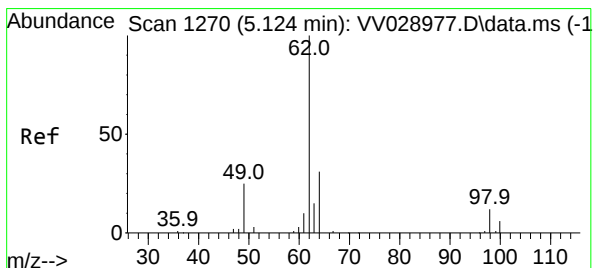
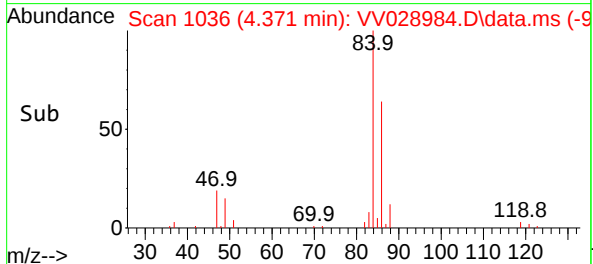
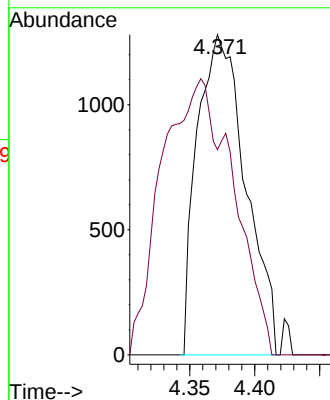
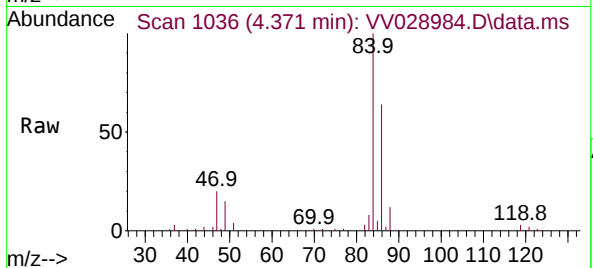
H0AE2DL

Tgt Ion: 83 Resp: 3320

Ion Ratio Lower Upper

83 100

85 64.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.084 min

Lab File: VV028984.D

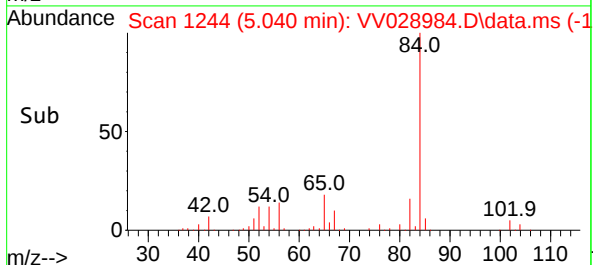
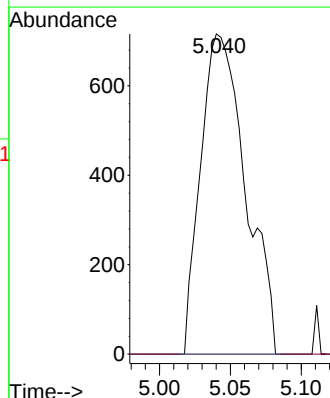
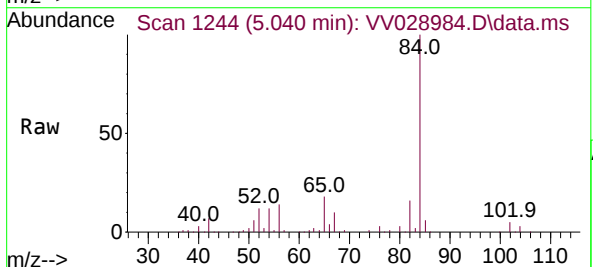
Acq: 15 Nov 2022 13:17

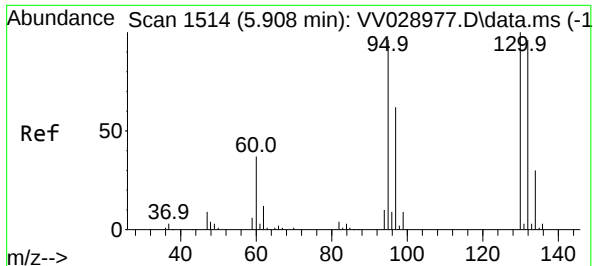
Tgt Ion: 62 Resp: 1579

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

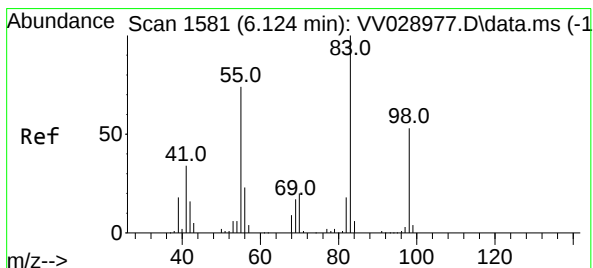
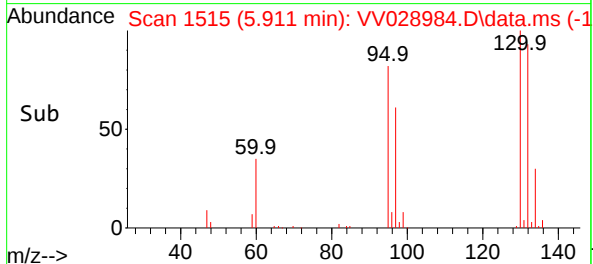
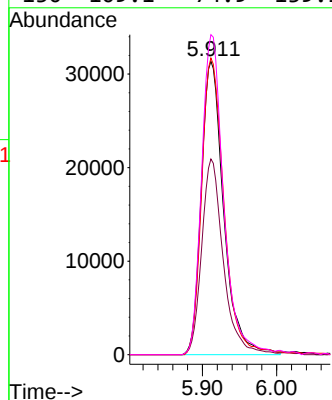
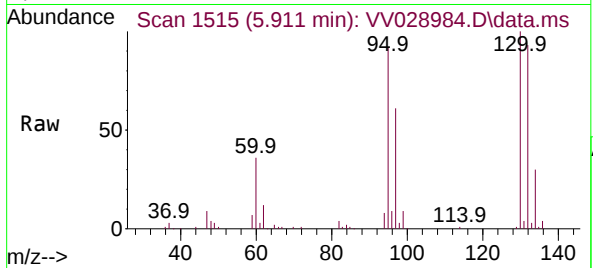




#34
Trichloroethene
Concen: 3.268 ug/L
RT: 5.911 min Scan# 1563
Delta R.T. 0.003 min
Lab File: VV028984.D
Acq: 15 Nov 2022 13:17

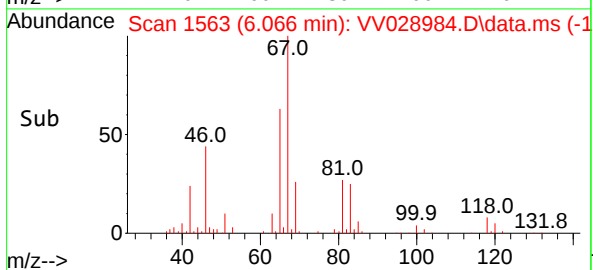
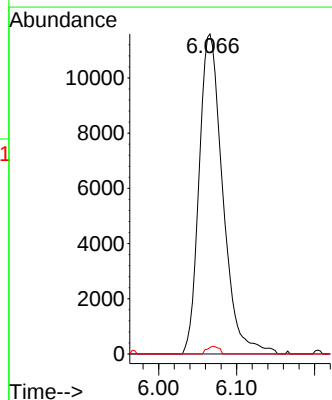
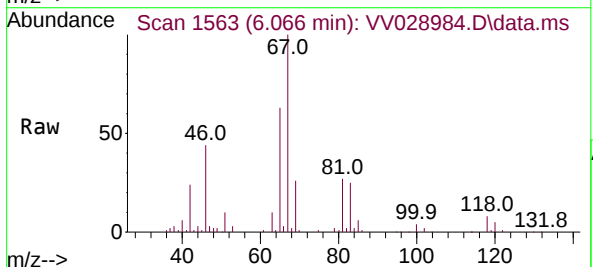
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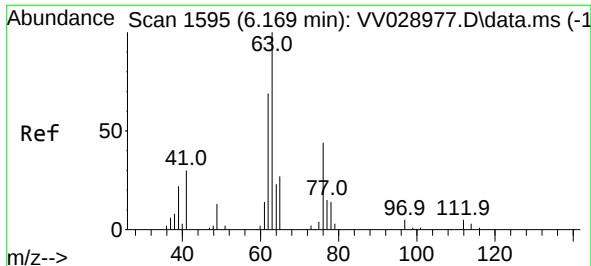
Tgt Ion: 95 Resp: 65595
Ion Ratio Lower Upper
95 100
97 66.7 45.6 84.8
132 101.1 69.1 128.3
130 109.1 74.9 139.1



#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028984.D
Acq: 15 Nov 2022 13:17

Tgt Ion: 83 Resp: 24423
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.2 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

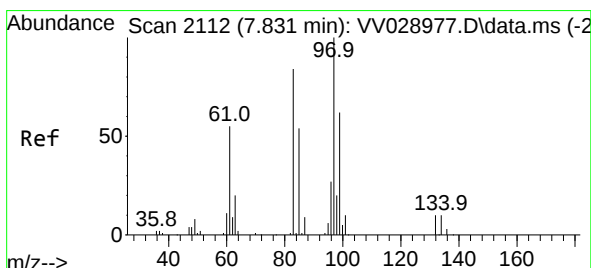
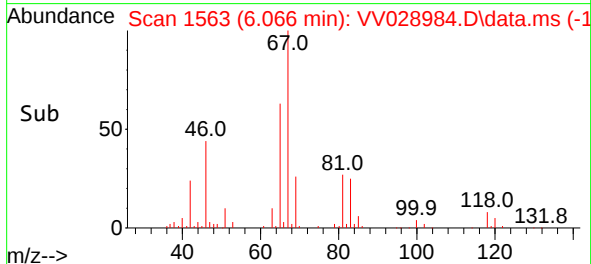
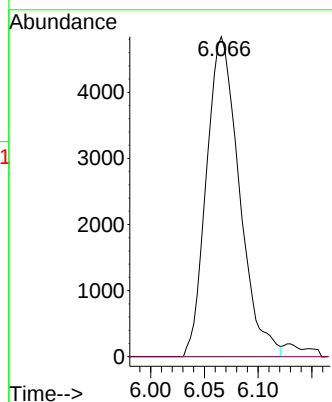
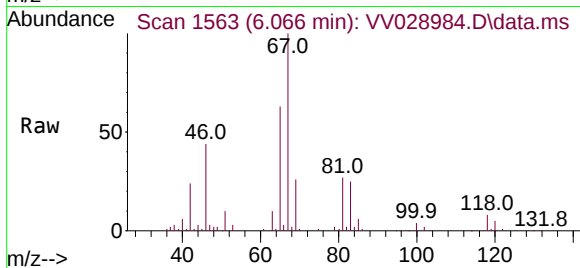
H0AE2DL

Tgt Ion: 63 Resp: 10287

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.097 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.138 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Tgt Ion: 97 Resp: 1146

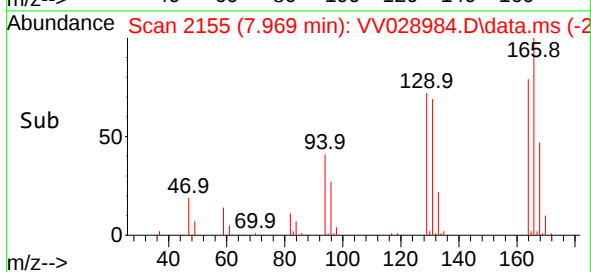
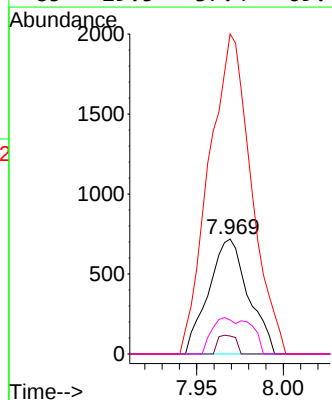
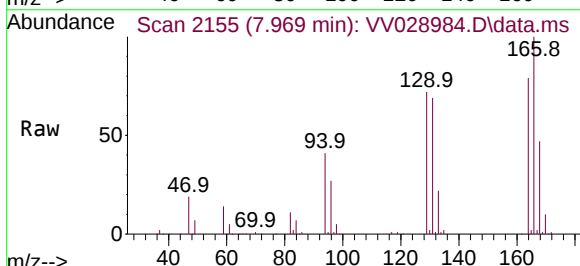
Ion Ratio Lower Upper

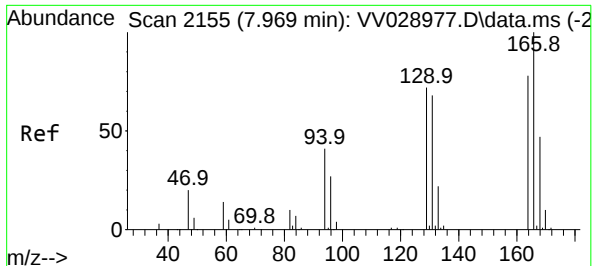
97 100

99 15.6 41.5 77.1#

83 278.7 60.0 111.4#

85 29.5 37.4 69.4#





#47

Tetrachloroethene

Concen: 9.103 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028984.D

Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

H0AE2DL

Tgt Ion:164 Resp: 146310

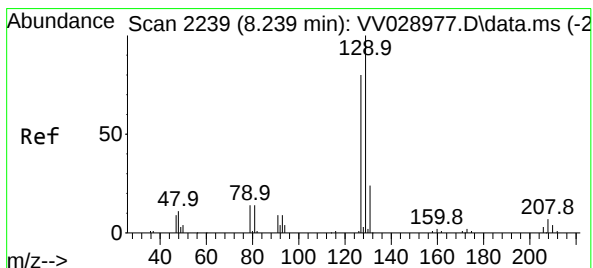
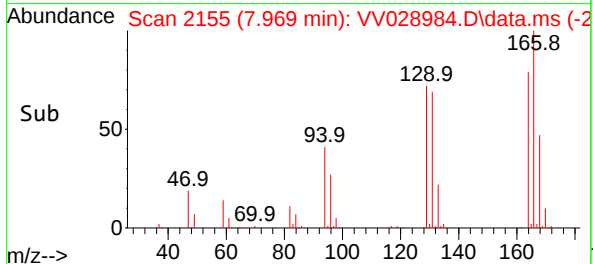
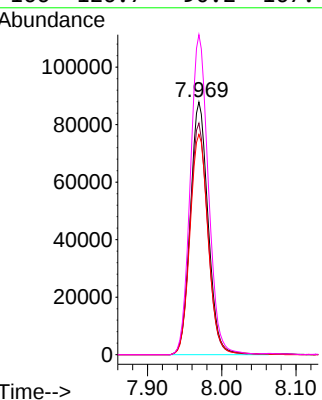
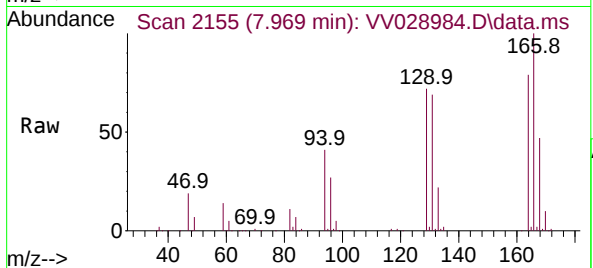
Ion Ratio Lower Upper

164 100

129 91.6 63.9 118.7

131 87.3 61.8 114.8

166 126.7 90.2 167.4



#49

Dibromochloromethane

Concen: 9.065 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028984.D

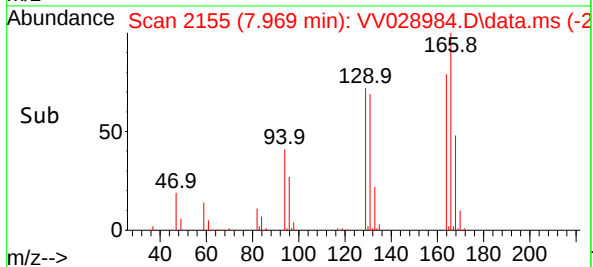
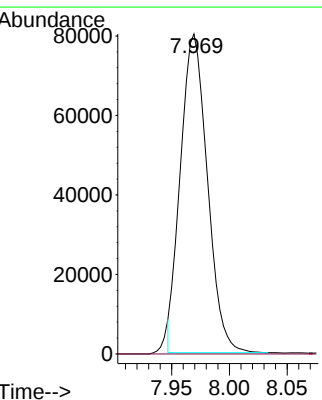
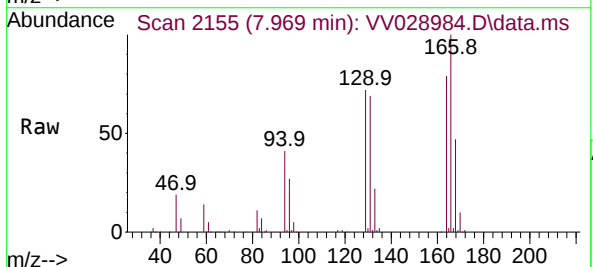
Acq: 15 Nov 2022 13:17

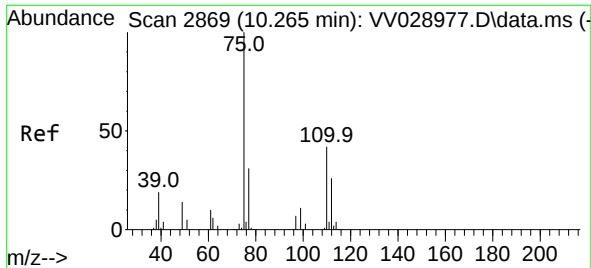
Tgt Ion:129 Resp: 129731

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.499 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV028984.D

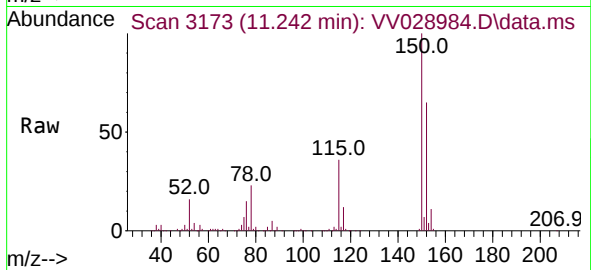
Acq: 15 Nov 2022 13:17

Instrument :

MSVOA_V

ClientSampleId :

H0AE2DL



Tgt Ion: 75 Resp: 12763

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

110 1.0 32.6 48.8#

