

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028983.D
 Acq On : 15 Nov 2022 12:53
 Operator : SY/MD
 Sample : N5593-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE0DL

Quant Time: Nov 16 03:18:12 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)

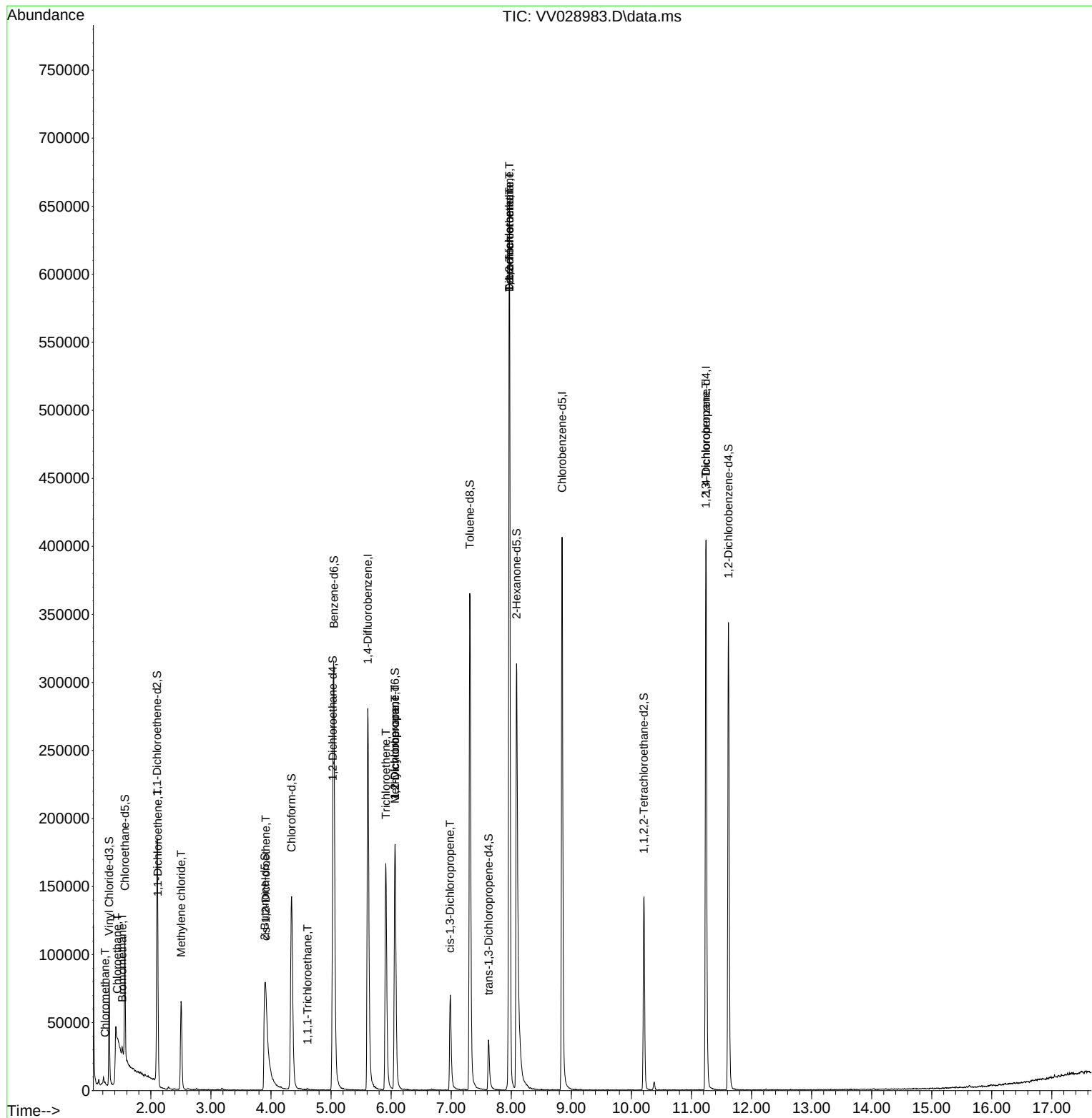
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	267917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	118086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55337	3.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.568	69	58173	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.105	63	87731	2.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.896	46	158778	58.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	4.343	84	155678	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	72188	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.047	84	309533	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.066	67	93897	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	265479	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.622	79	24876	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.088	63	140912	48.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.420%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70585	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	98203	4.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	993	0.054	ug/L	91
6) Bromomethane	1.523	94	2207	0.175	ug/L	89
8) Chloroethane	1.439	64	125562	10.106	ug/L #	52
12) 1,1-Dichloroethene	2.118	96	12900	0.795	ug/L #	8
16) Methylene chloride	2.503	84	30603	1.459	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	4632	0.242	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	645	0.022	ug/L #	63
34) Trichloroethene	5.912	95	61780	3.168	ug/L	97
35) Methylcyclohexane	6.063	83	23572	0.688	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9680	0.551	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1834	0.075	ug/L #	45
45) 1,1,2-Trichloroethane	7.969	97	1248	0.109	ug/L #	1
47) Tetrachloroethene	7.969	164	152847	9.787	ug/L	98
49) Dibromochloromethane	7.969	129	134268	9.657	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	12472	1.546	ug/L #	64

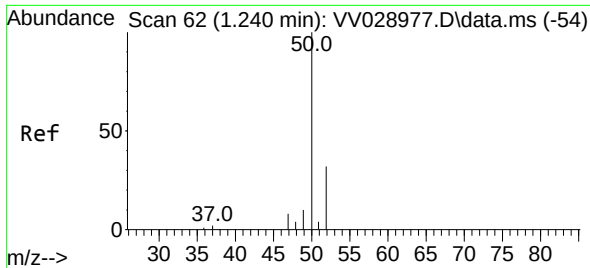
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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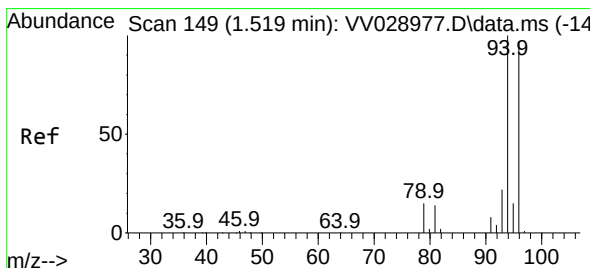
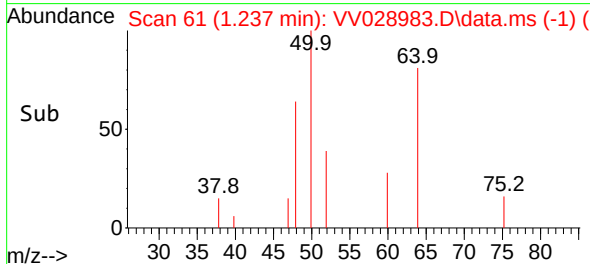
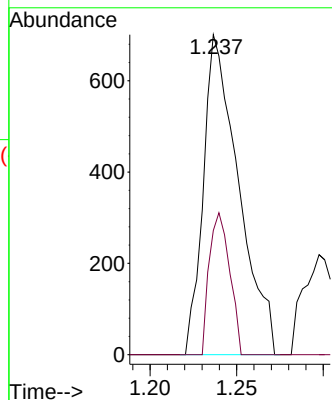
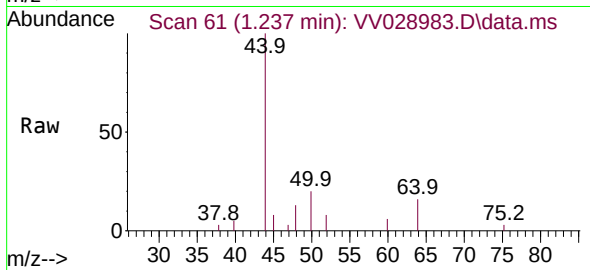




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

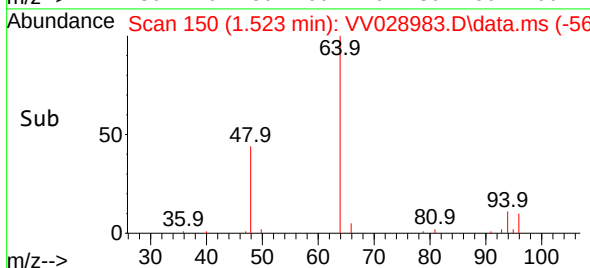
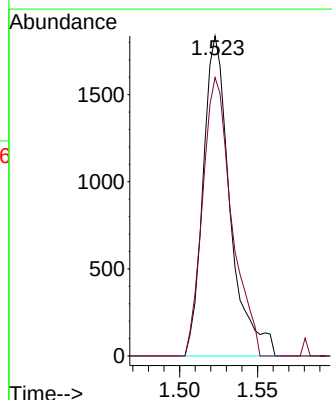
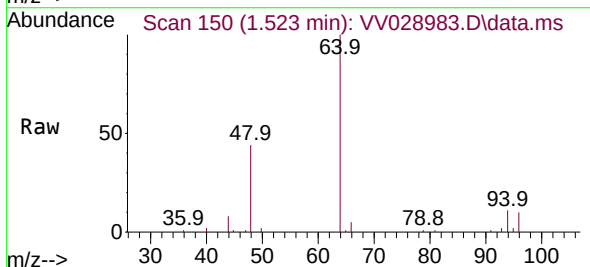
Instrument :
MSVOA_V
ClientSampleId :
H0AE0DL

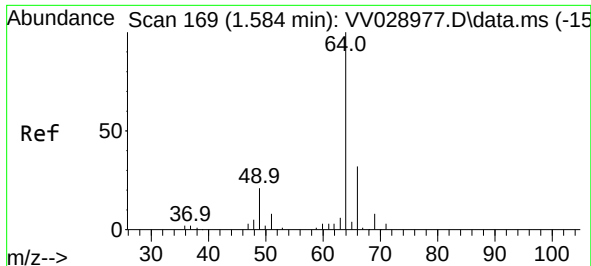
Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 38.8 23.7 43.9



#6
Bromomethane
Concen: 0.175 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

Tgt Ion: 94 Resp: 2207
Ion Ratio Lower Upper
94 100
96 87.0 68.5 127.3





#8

Chloroethane

Concen: 10.106 ug/L

RT: 1.439 min Scan# 11

Delta R.T. -0.145 min

Lab File: VV028983.D

Acq: 15 Nov 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

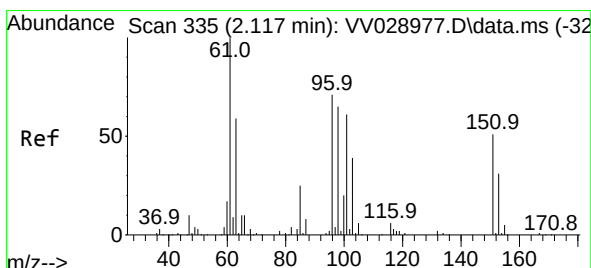
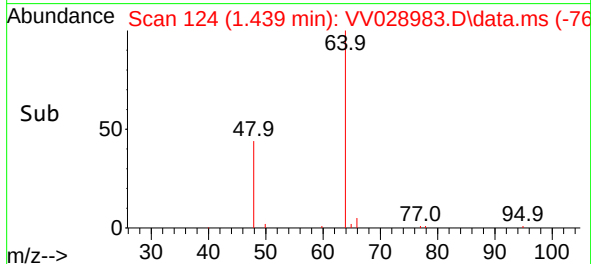
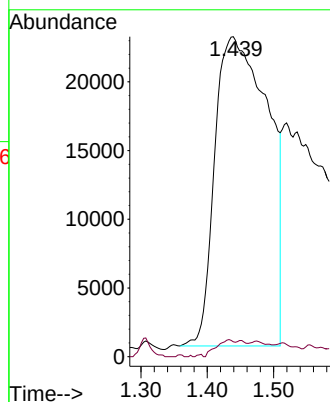
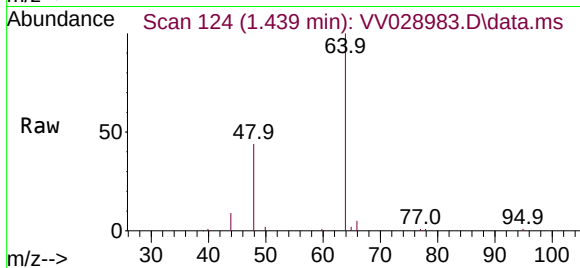
H0AE0DL

Tgt Ion: 64 Resp: 125562

Ion Ratio Lower Upper

64 100

66 4.7 22.0 40.8#



#12

1,1-Dichloroethene

Concen: 0.795 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV028983.D

Acq: 15 Nov 2022 12:53

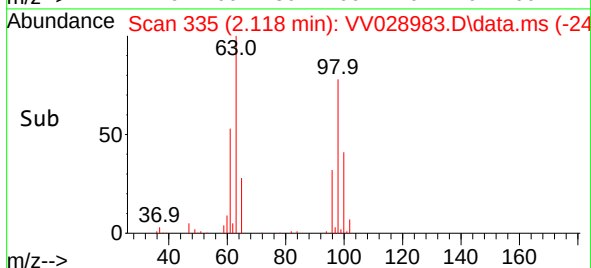
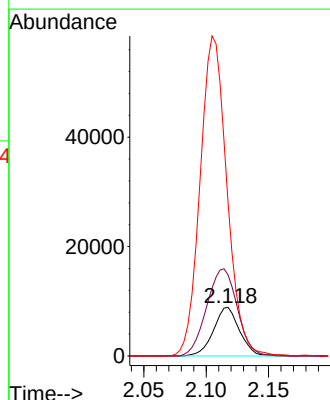
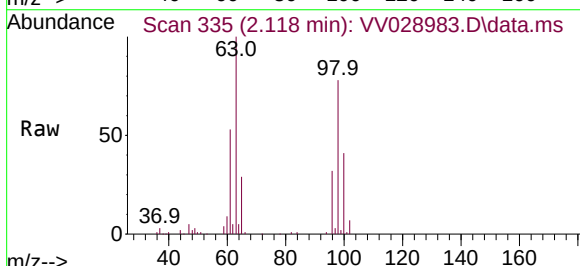
Tgt Ion: 96 Resp: 12900

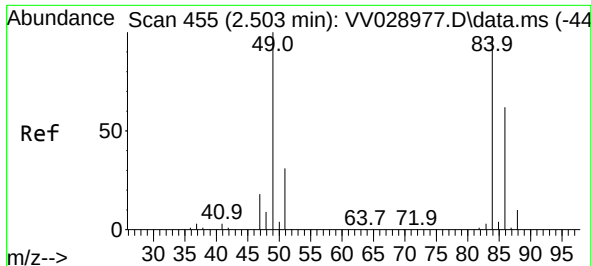
Ion Ratio Lower Upper

96 100

61 167.0 104.2 193.4

63 316.2 75.9 140.9#

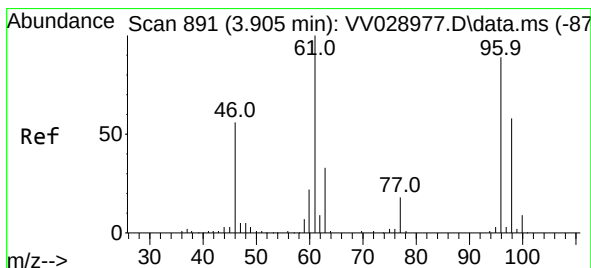
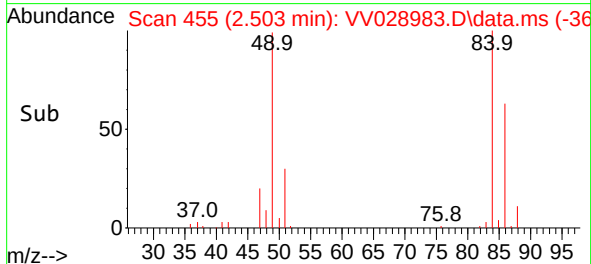
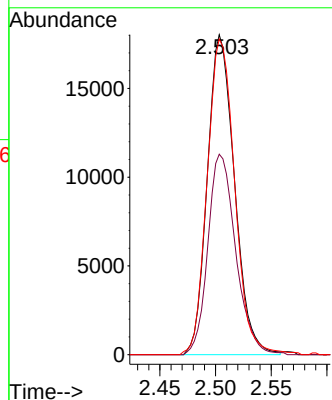
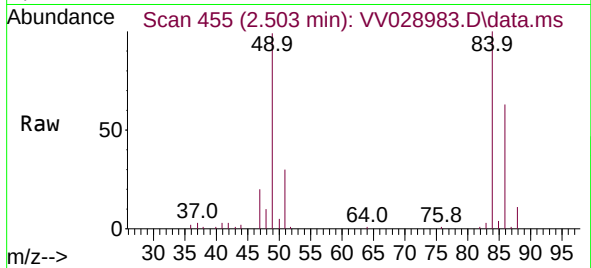




#16
Methylene chloride
Concen: 1.459 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

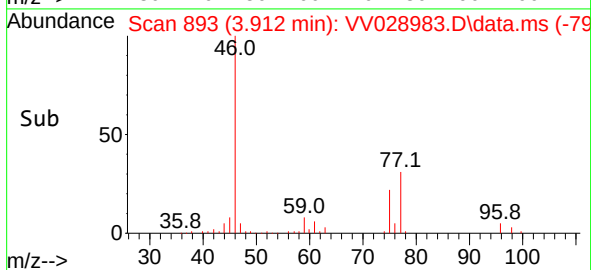
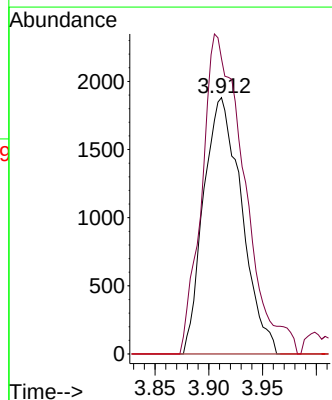
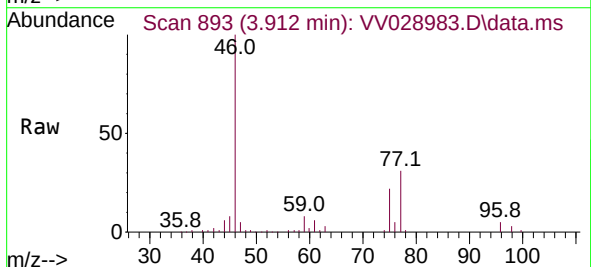
Instrument :
MSVOA_V
ClientSampleId :
H0AE0DL

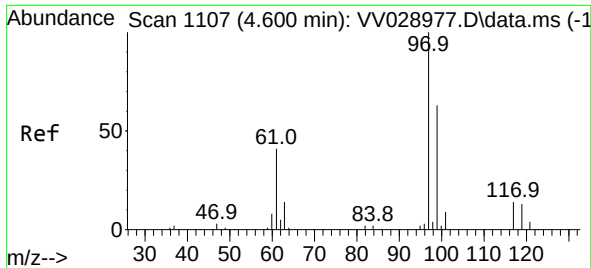
Tgt Ion: 84 Resp: 30603
Ion Ratio Lower Upper
84 100
86 62.7 45.8 85.0
49 98.7 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.242 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

Tgt Ion: 96 Resp: 4632
Ion Ratio Lower Upper
96 100
61 115.2 82.3 152.9
68 0.0 0.0 0.0

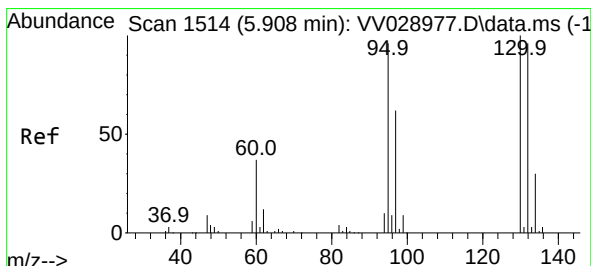
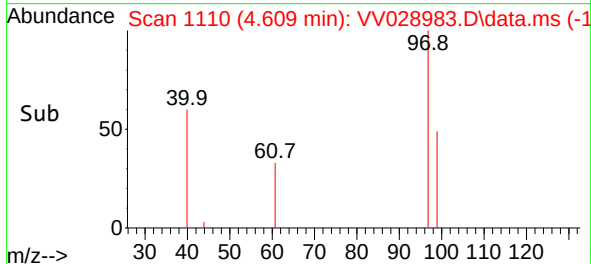
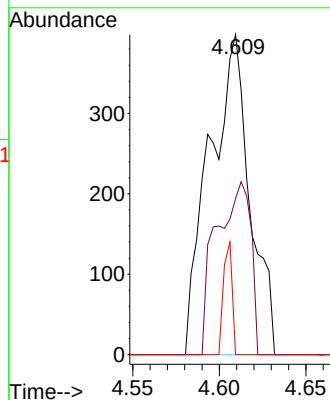
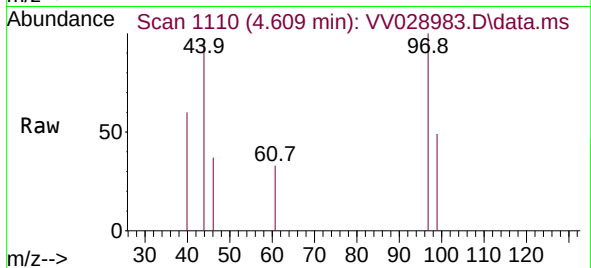




#29
1,1,1-Trichloroethane
Concen: 0.022 ug/L
RT: 4.609 min Scan# 1107
Delta R.T. 0.010 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

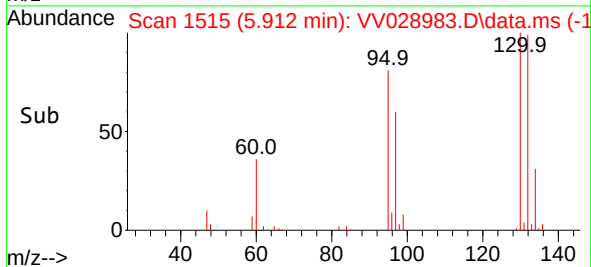
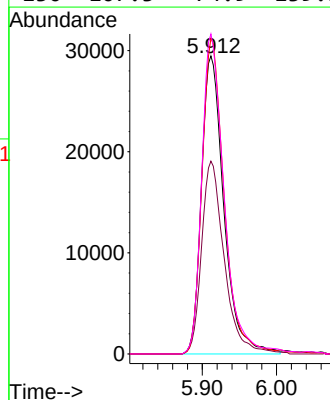
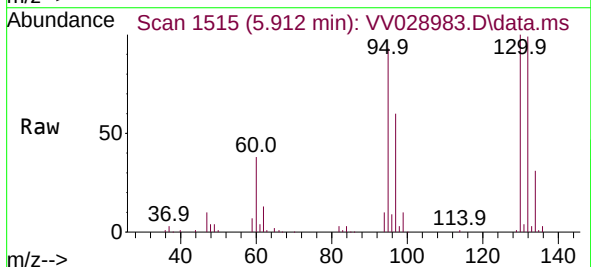
Instrument :
MSVOA_V
ClientSampleId :
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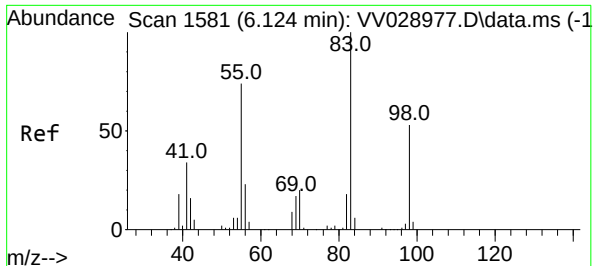
Tgt Ion: 97 Resp: 645
Ion Ratio Lower Upper
97 100
99 45.9 52.7 79.1#
61 7.6 33.8 50.6#



#34
Trichloroethene
Concen: 3.168 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

Tgt Ion: 95 Resp: 61780
Ion Ratio Lower Upper
95 100
97 64.7 45.6 84.8
132 105.9 69.1 128.3
130 107.3 74.9 139.1





#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028983.D

Acq: 15 Nov 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

H0AE0DL

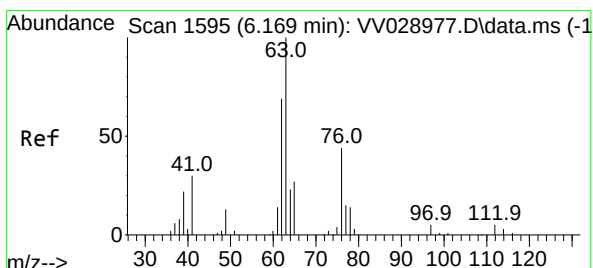
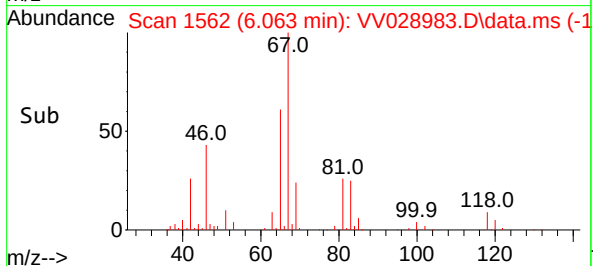
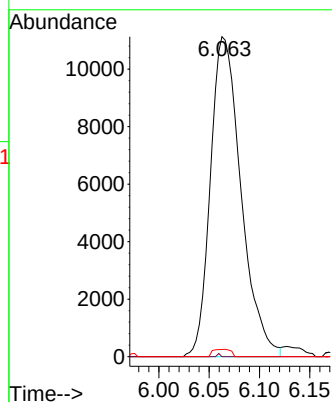
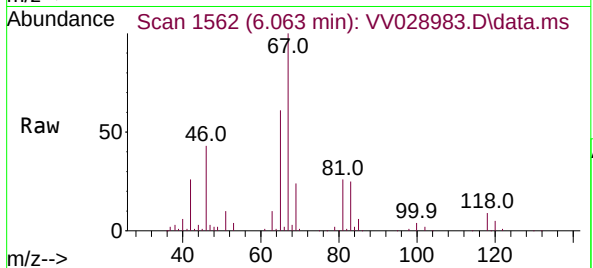
Tgt Ion: 83 Resp: 23572

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 1.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028983.D

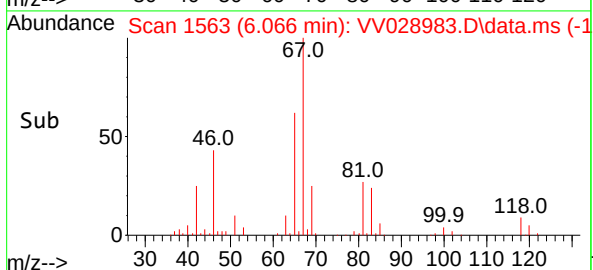
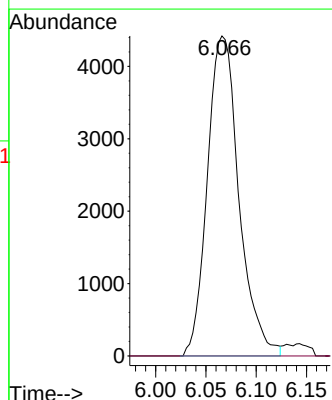
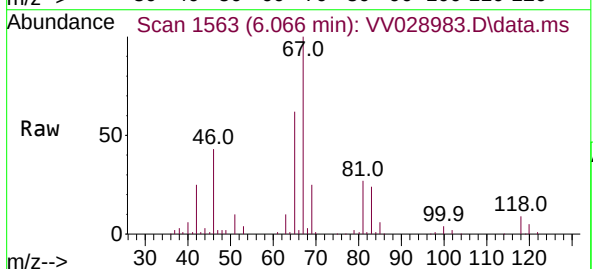
Acq: 15 Nov 2022 12:53

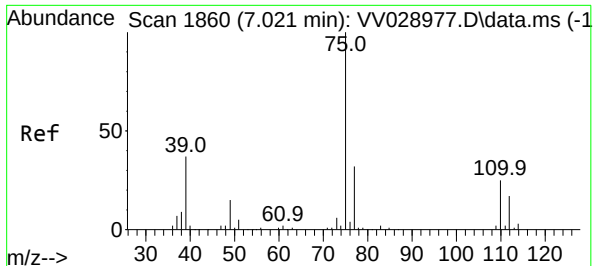
Tgt Ion: 63 Resp: 9680

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028983.D

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MSVOA_V

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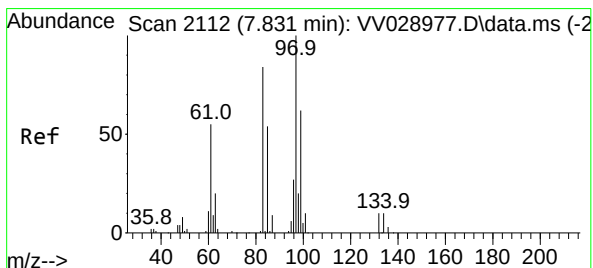
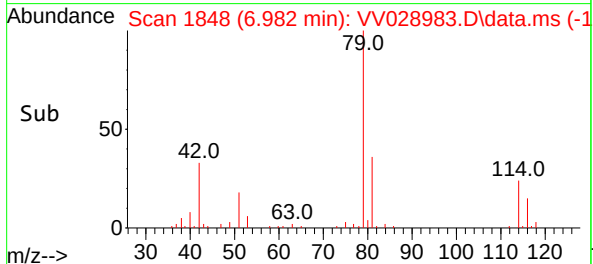
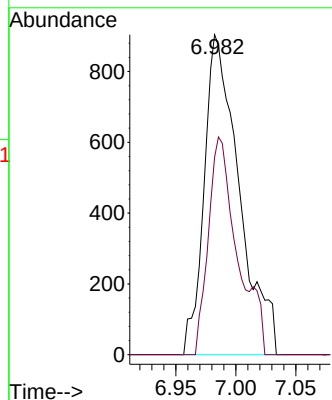
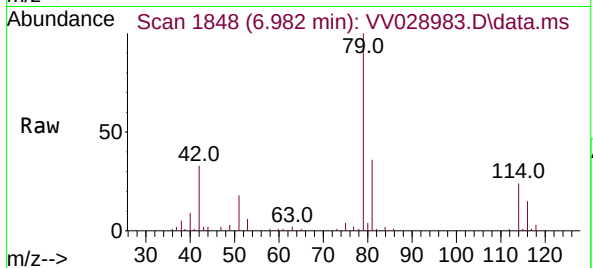
H0AE0DL

Tgt Ion: 75 Resp: 1834

Ion Ratio Lower Upper

75 100

77 61.7 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.109 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.138 min

Lab File: VV028983.D

Acq: 15 Nov 2022 12:53

Tgt Ion: 97 Resp: 1248

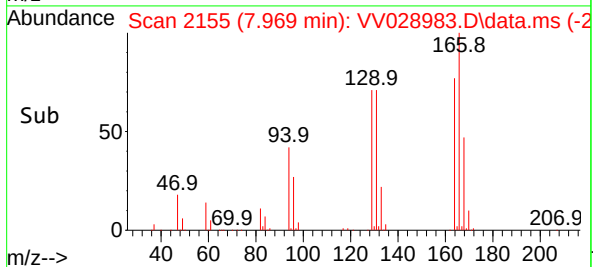
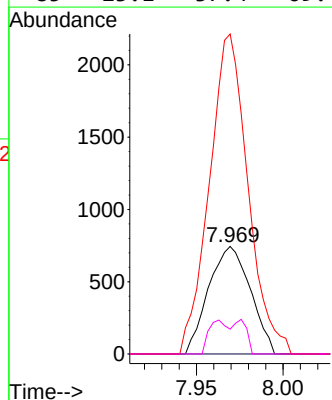
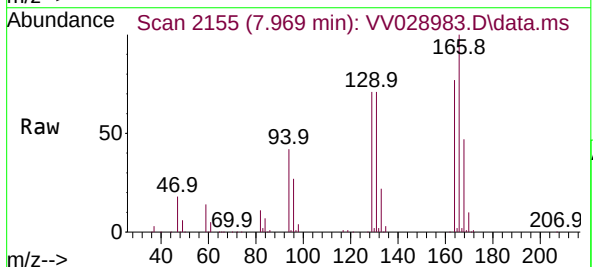
Ion Ratio Lower Upper

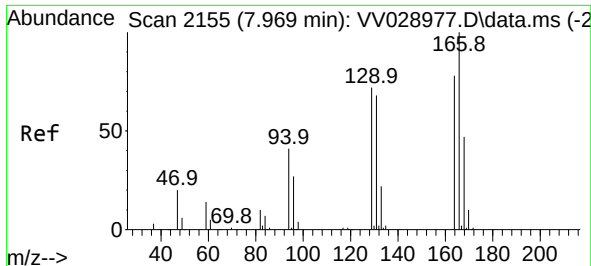
97 100

99 0.0 41.5 77.1#

83 297.6 60.0 111.4#

85 23.1 37.4 69.4#

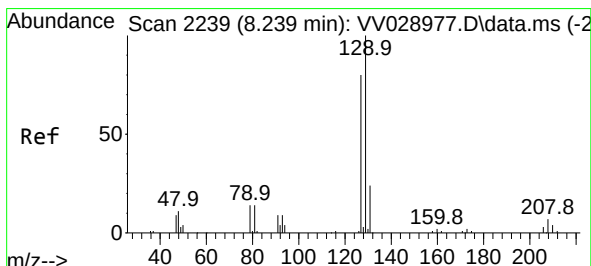
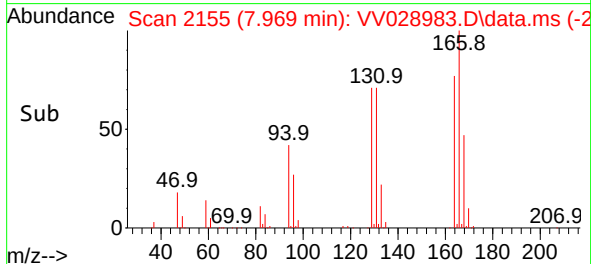
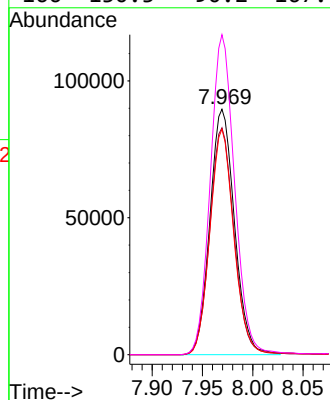
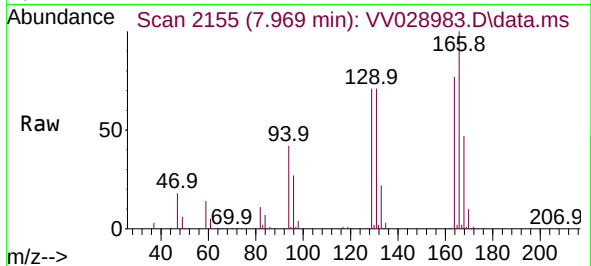




#47
Tetrachloroethene
Concen: 9.787 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

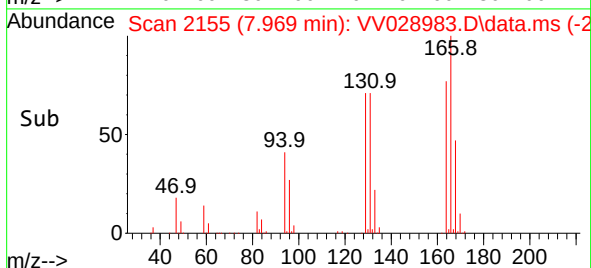
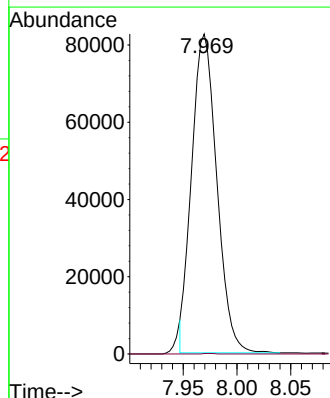
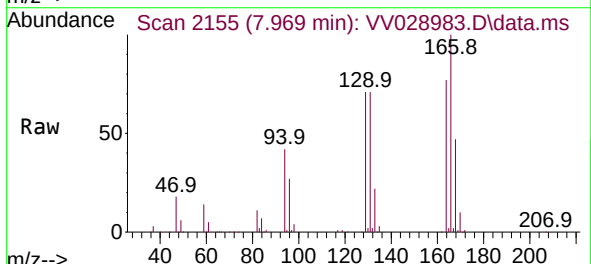
Instrument :
MSVOA_V
ClientSampleId :
H0AE0DL

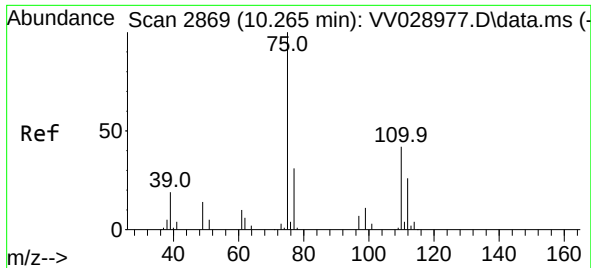
Tgt Ion:164 Resp: 152847
Ion Ratio Lower Upper
164 100
129 92.4 63.9 118.7
131 91.9 61.8 114.8
166 130.3 90.2 167.4



#49
Dibromochloromethane
Concen: 9.657 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028983.D
Acq: 15 Nov 2022 12:53

Tgt Ion:129 Resp: 134268
Ion Ratio Lower Upper
129 100
127 0.1 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.546 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028983.D

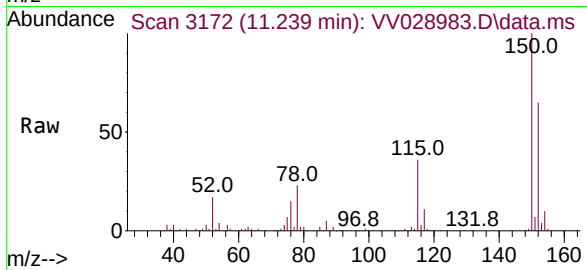
Acq: 15 Nov 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

H0AE0DL



Tgt Ion: 75 Resp: 12472

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.2

110 2.6 32.6 48.8#

