

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028997.D
 Acq On : 15 Nov 2022 18:34
 Operator : SY/MD
 Sample : N5593-01DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC9DL

Quant Time: Nov 16 03:21:29 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)

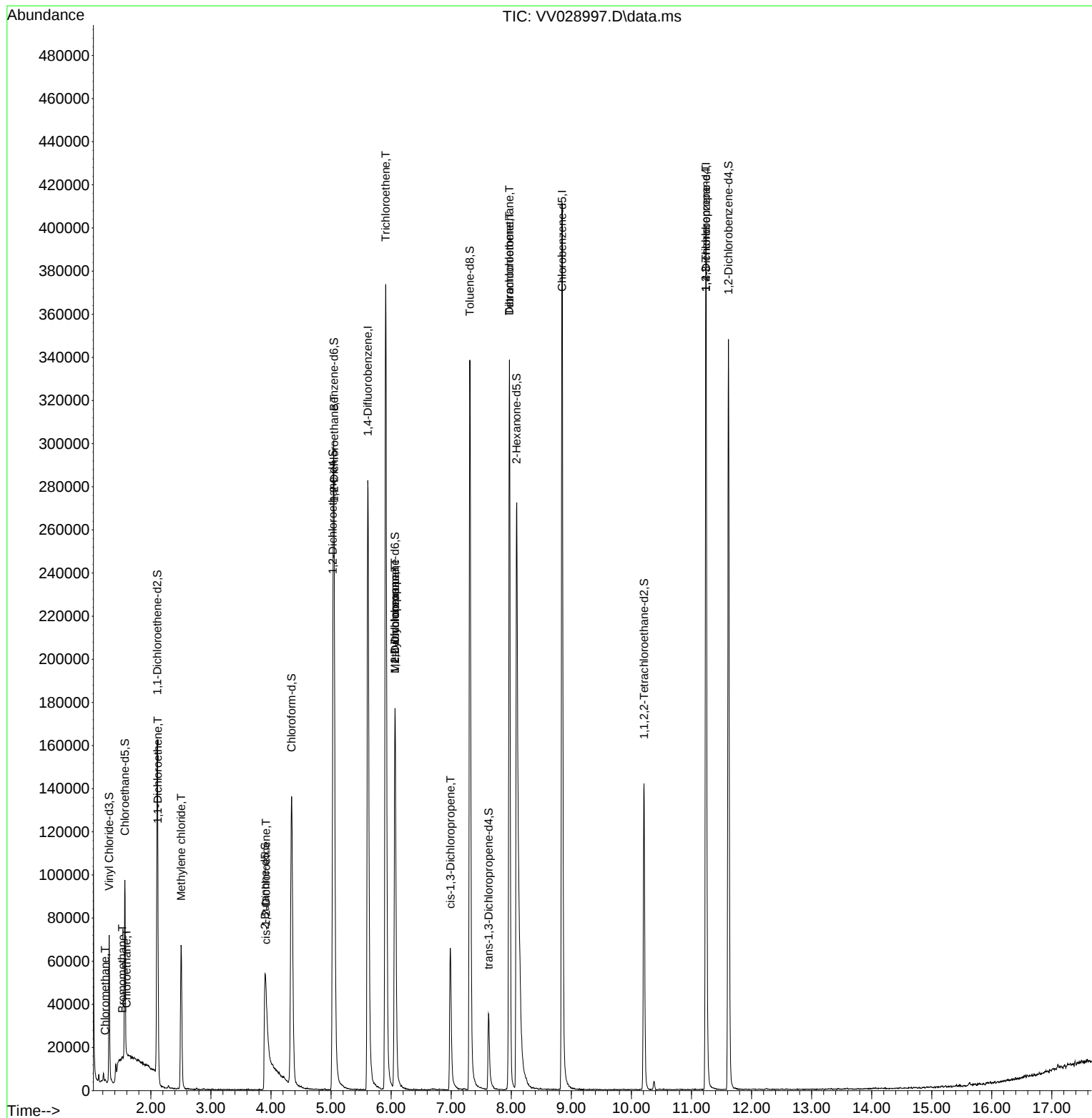
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	270651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47538	2.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.568	69	53742	3.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.108	63	74232	2.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.400%#
20) 2-Butanone-d5	3.902	46	115769	41.914	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.820%
24) Chloroform-d	4.343	84	149506	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.031	65	70995	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.047	84	293323	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.066	67	92091	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.310	98	251781	3.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.622	79	25849	3.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	142792	48.669	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.340%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72441	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	102597	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	756	0.040	ug/L	82
6) Bromomethane	1.523	94	751	0.059	ug/L	72
8) Chloroethane	1.597	64	2029	0.162	ug/L #	54
12) 1,1-Dichloroethene	2.118	96	8766	0.535	ug/L #	1
16) Methylene chloride	2.503	84	31220	1.474	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	947	0.049	ug/L	84
27) 1,2-Dichloroethane	5.053	62	1459	0.087	ug/L #	70
34) Trichloroethene	5.908	95	137770	6.965	ug/L	98
35) Methylcyclohexane	6.063	83	23315	0.671	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9389	0.527	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2117	0.085	ug/L #	79
47) Tetrachloroethene	7.969	164	79941	5.047	ug/L	99
49) Dibromochloromethane	7.969	129	71961	5.103	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11639	1.452	ug/L #	66

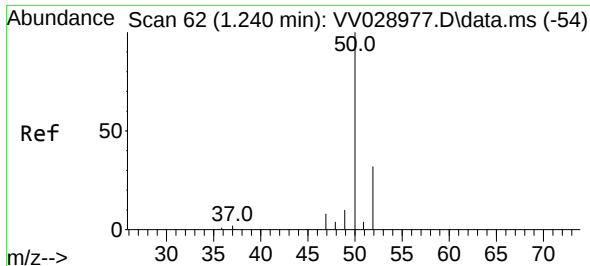
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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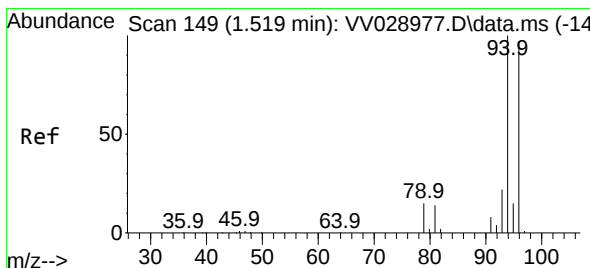
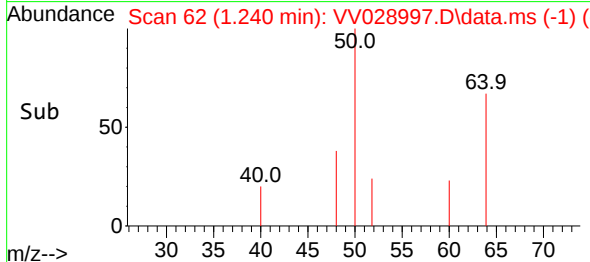
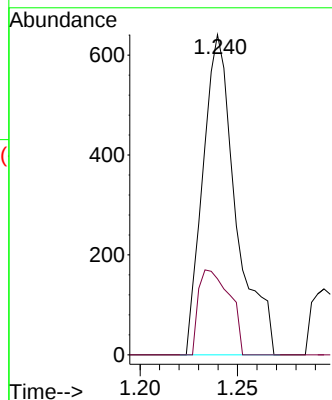
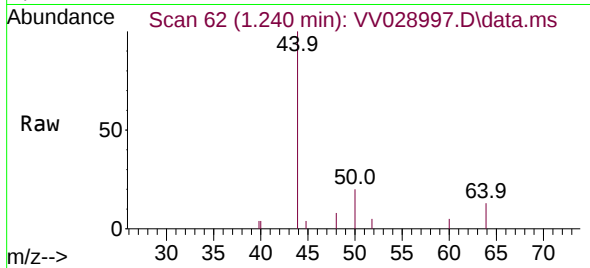




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

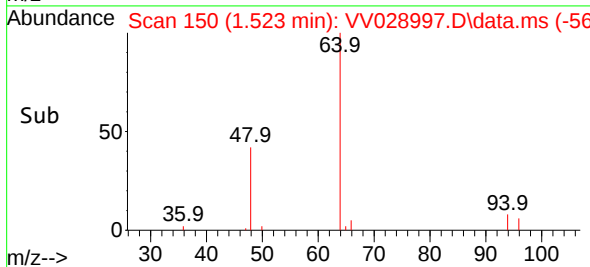
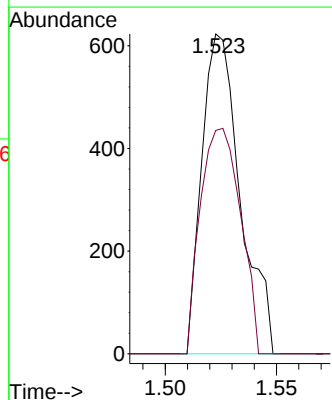
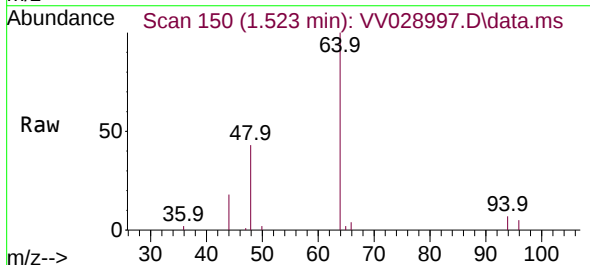
Instrument :
MSVOA_V
ClientSampleId :
H0AC9DL

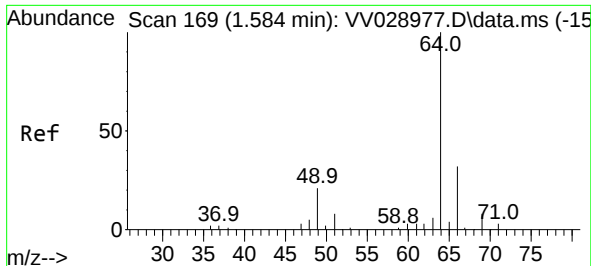
Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 23.7 23.7 43.9



#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

Tgt Ion: 94 Resp: 751
Ion Ratio Lower Upper
94 100
96 69.8 68.5 127.3

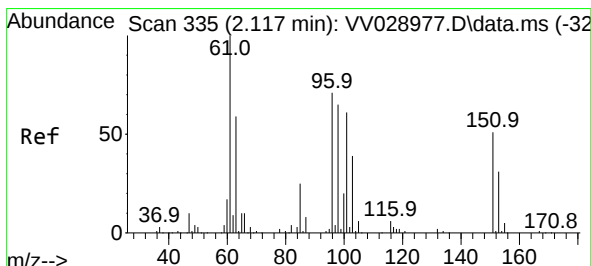
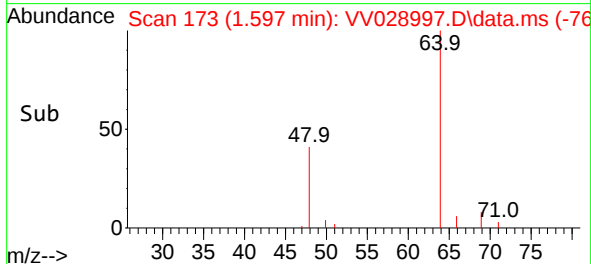
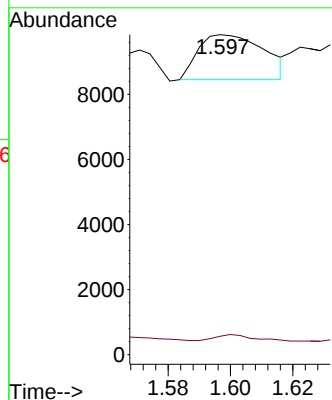
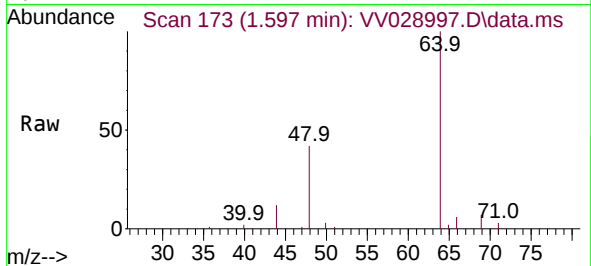




#8
Chloroethane
Concen: 0.162 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

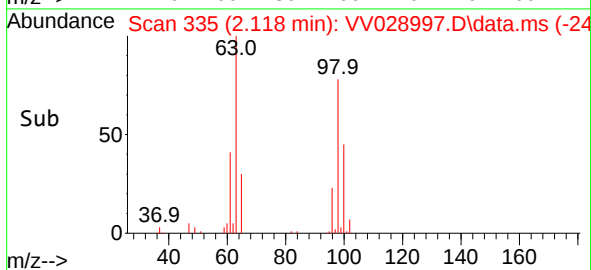
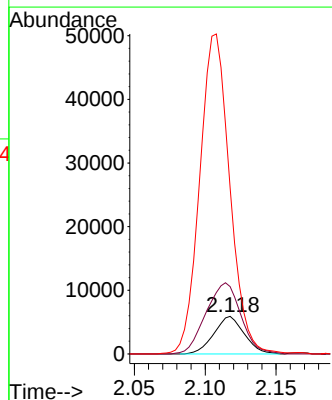
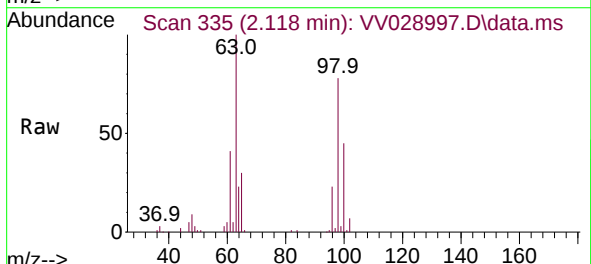
Instrument :
MSVOA_V
ClientSampleId :
H0AC9DL

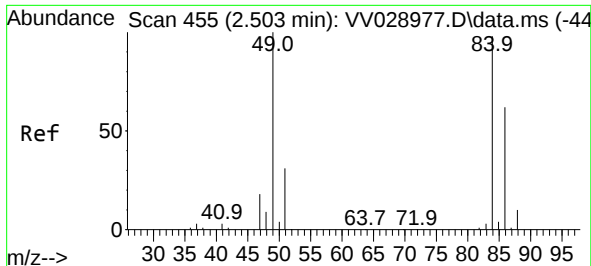
Tgt Ion: 64 Resp: 2029
Ion Ratio Lower Upper
64 100
66 5.7 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.535 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

Tgt Ion: 96 Resp: 8766
Ion Ratio Lower Upper
96 100
61 179.6 104.2 193.4
63 442.9 75.9 140.9#

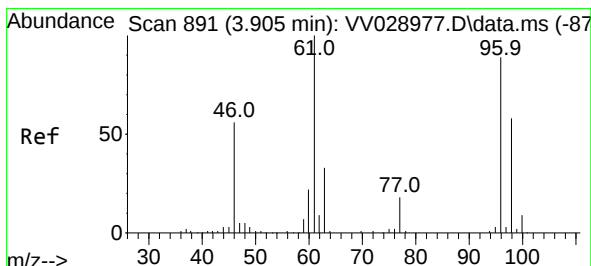
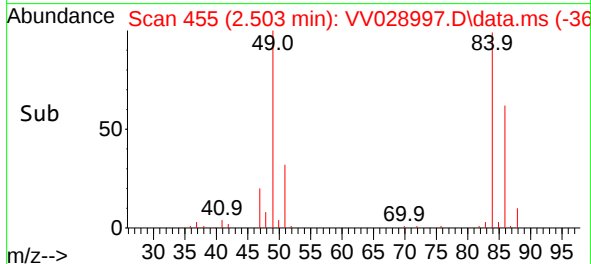
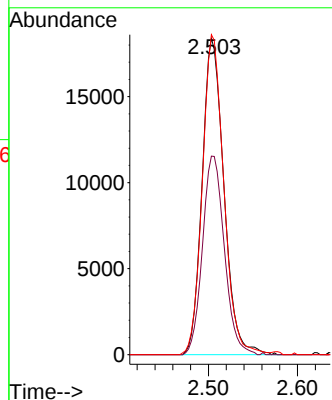
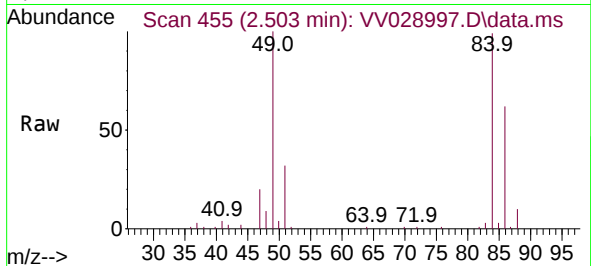




#16
Methylene chloride
Concen: 1.474 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

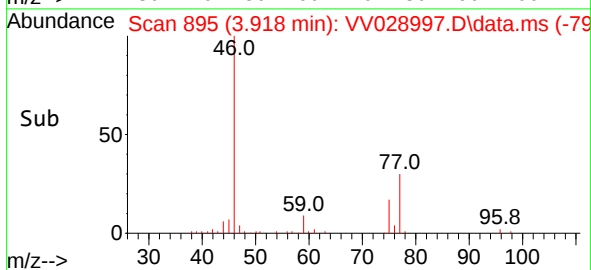
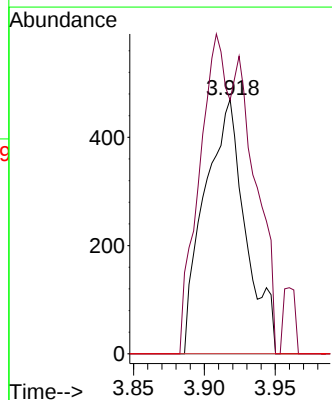
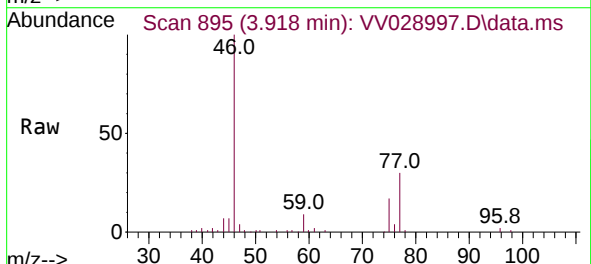
Instrument :
MSVOA_V
ClientSampleId :
H0AC9DL

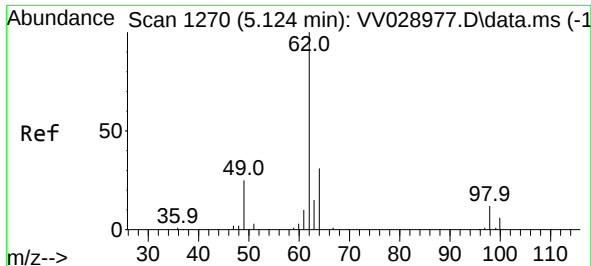
Tgt Ion: 84 Resp: 31220
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 101.2 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.049 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

Tgt Ion: 96 Resp: 947
Ion Ratio Lower Upper
96 100
61 99.8 82.3 152.9
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

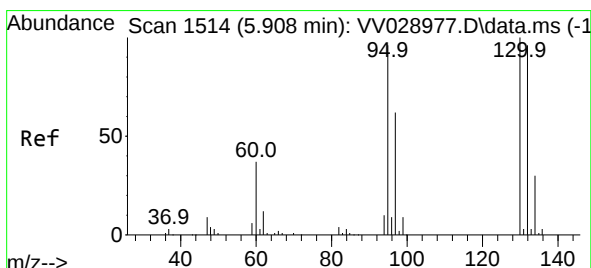
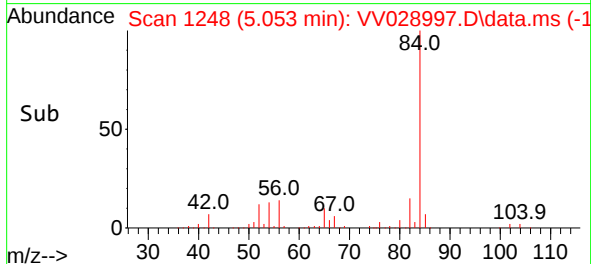
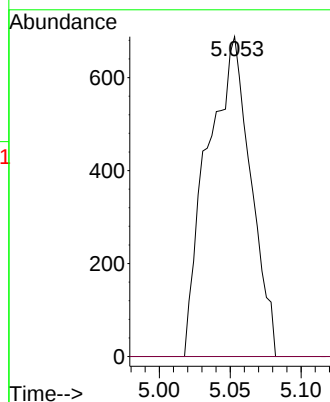
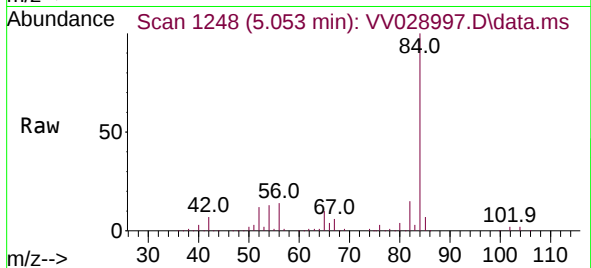
H0AC9DL

Tgt Ion: 62 Resp: 1459

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#34

Trichloroethene

Concen: 6.965 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

Tgt Ion: 95 Resp: 137770

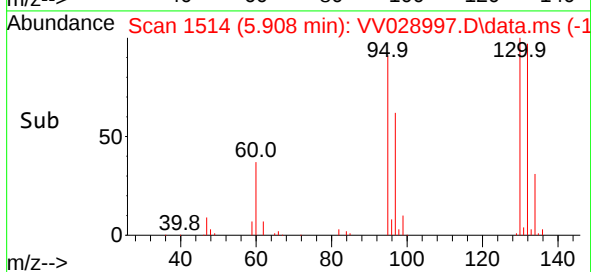
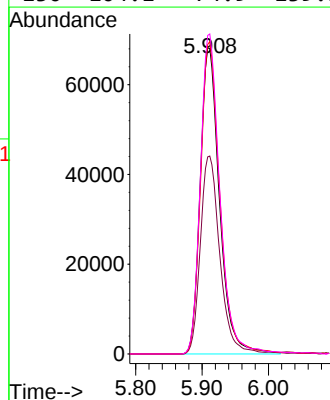
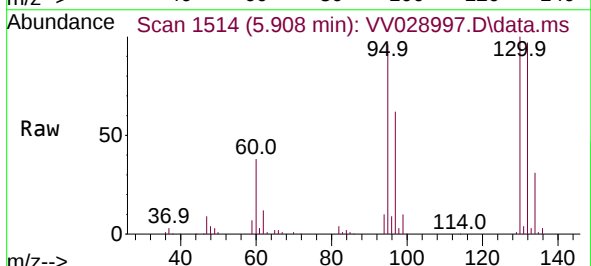
Ion Ratio Lower Upper

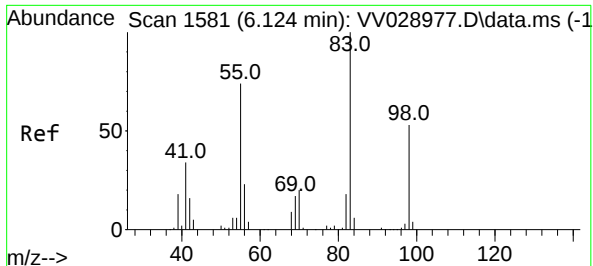
95 100

97 64.4 45.6 84.8

132 101.2 69.1 128.3

130 104.1 74.9 139.1

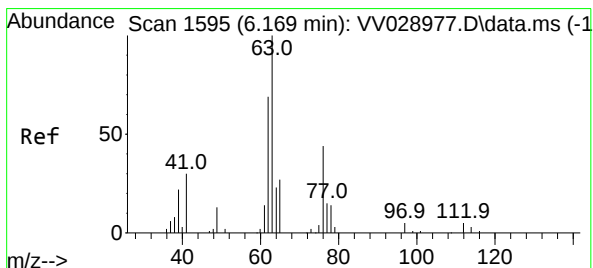
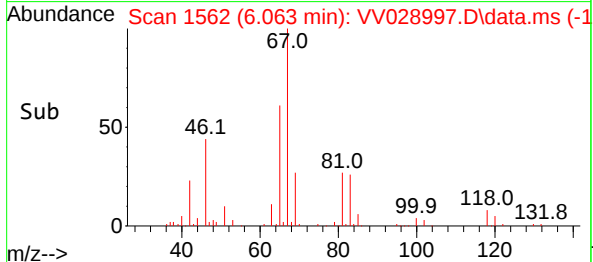
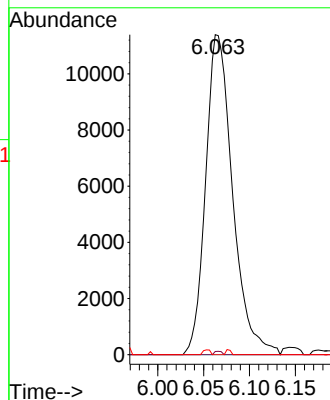
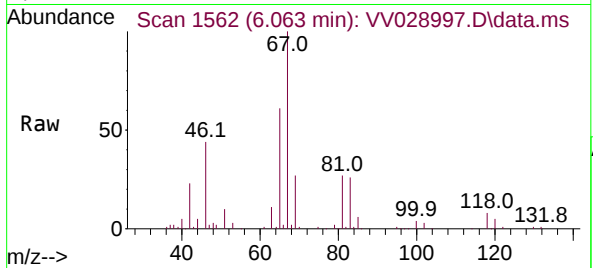




#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

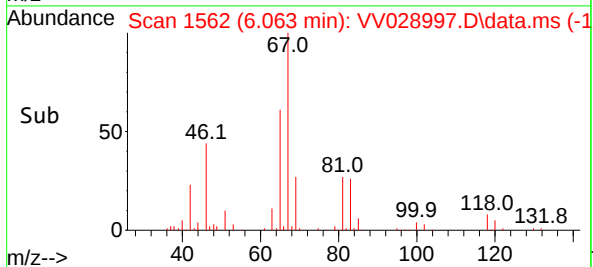
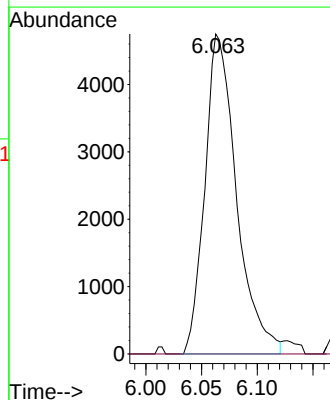
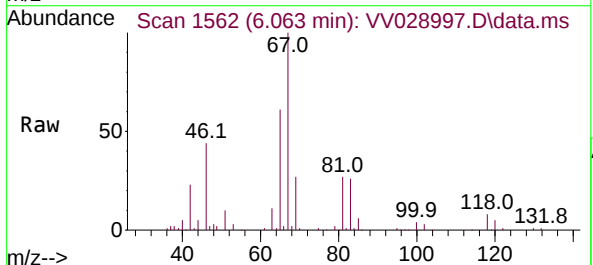
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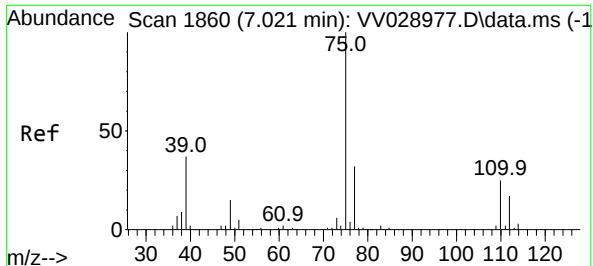
Tgt Ion: 83 Resp: 23315
Ion Ratio Lower Upper
83 100
55 0.3 55.8 83.6#
98 0.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV028997.D
Acq: 15 Nov 2022 18:34

Tgt Ion: 63 Resp: 9389
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

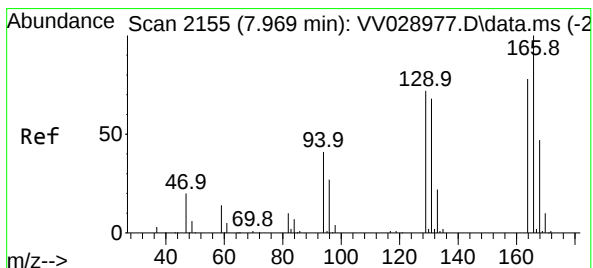
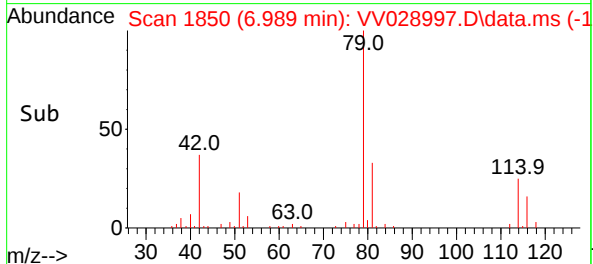
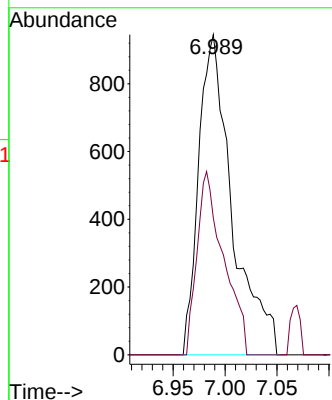
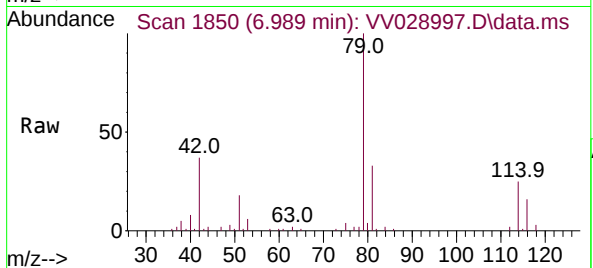
H0AC9DL

Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

75 100

77 42.8 21.8 40.6#



#47

Tetrachloroethene

Concen: 5.047 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

Tgt Ion:164 Resp: 79941

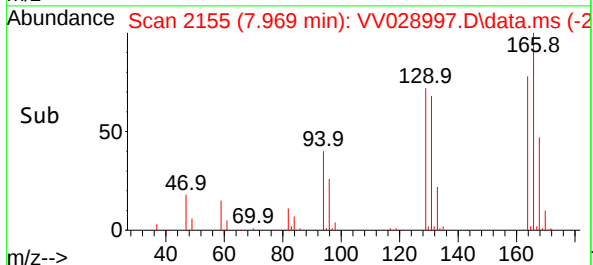
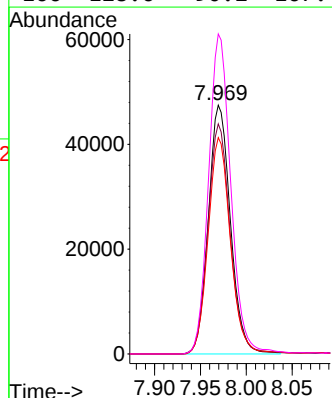
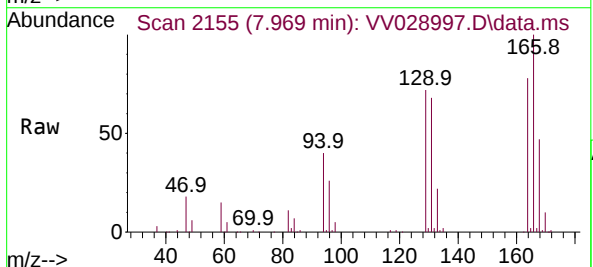
Ion Ratio Lower Upper

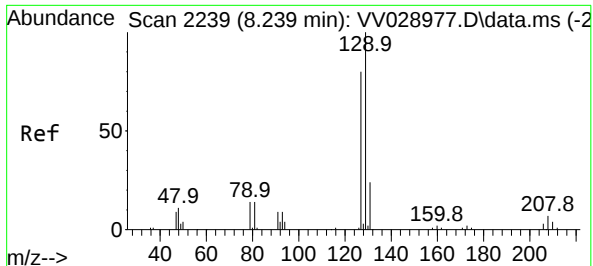
164 100

129 92.5 63.9 118.7

131 87.0 61.8 114.8

166 128.6 90.2 167.4





#49

Dibromochloromethane

Concen: 5.103 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

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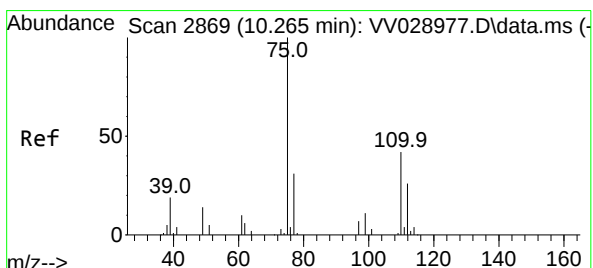
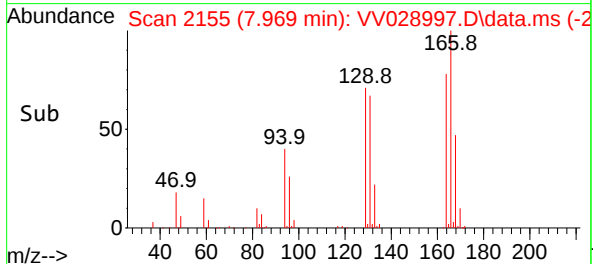
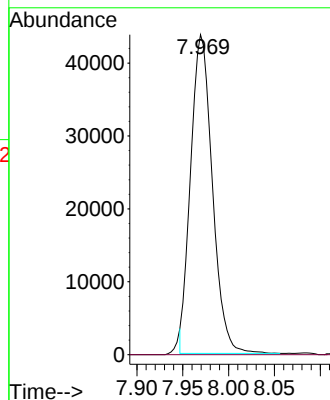
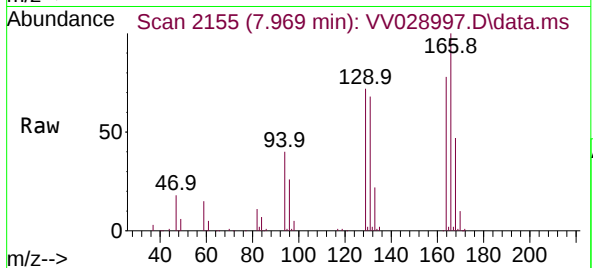
H0AC9DL

Tgt Ion:129 Resp: 71961

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.452 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028997.D

Acq: 15 Nov 2022 18:34

Tgt Ion: 75 Resp: 11639

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 2.2 32.6 48.8#

