

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061122\
 Data File : VV026128.D
 Acq On : 11 Jun 2022 14:32
 Operator : SY/MD
 Sample : N3272-15DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	142907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49913	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	49309	5.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.600%
7) Chloroethane-d5	1.584	69	57585	6.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.400%#
11) 1,1-Dichloroethene-d2	2.121	63	75263	3.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.925	46	94710	76.334	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.660%#
24) Chloroform-d	4.362	84	109926	6.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.600%
26) 1,2-Dichloroethane-d4	5.044	65	47296	6.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.400%#
32) Benzene-d6	5.060	84	201633	6.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.400%#
36) 1,2-Dichloropropane-d6	6.076	67	67304	6.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	135.400%
41) Toluene-d8	7.320	98	144484	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.632	79	12899	4.404	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.092	63	70199	54.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40712	6.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	46175	6.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.000%#

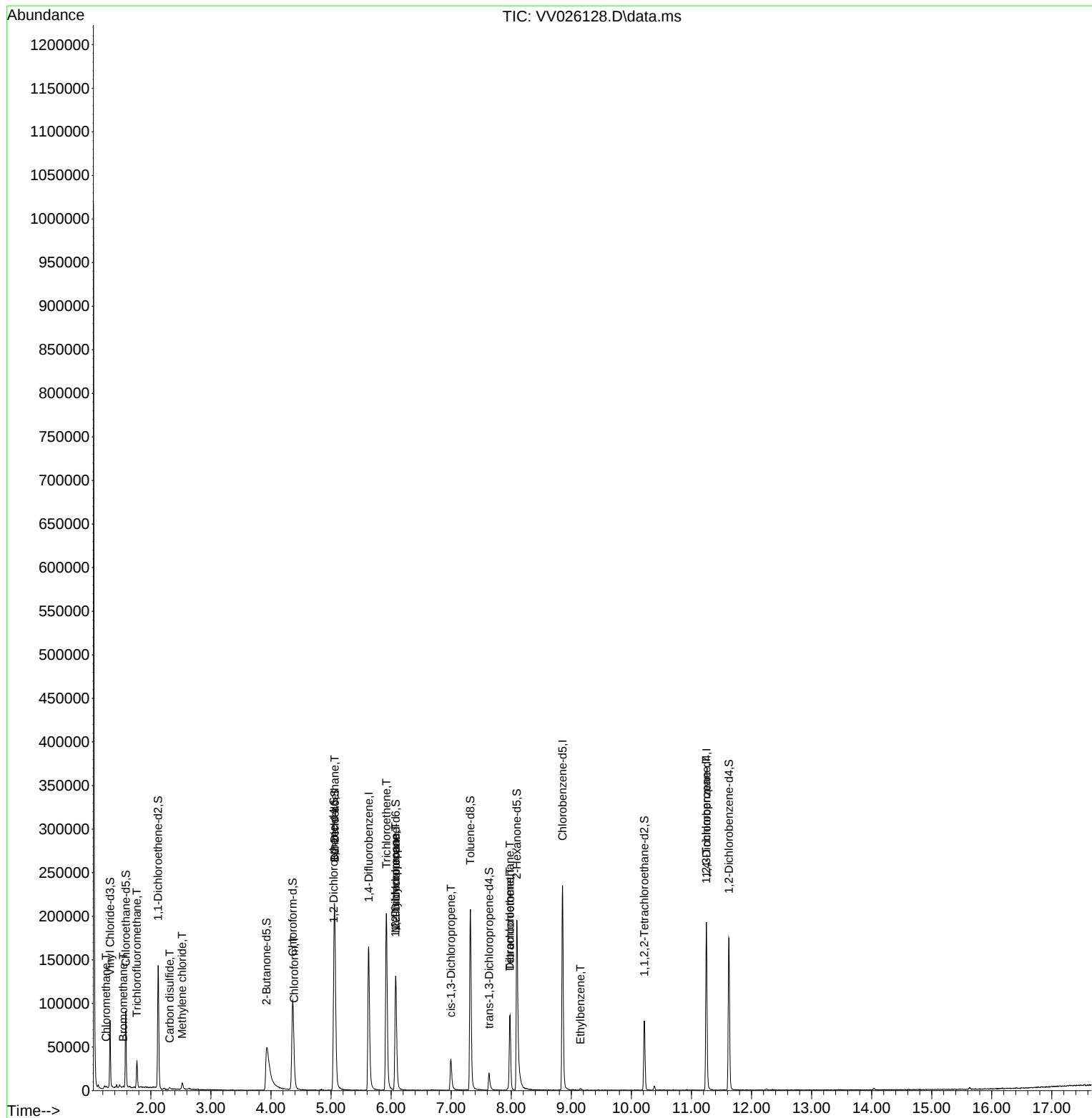
Target Compounds				Qvalue		
3) Chloromethane	1.253	50	628	0.040	ug/L #	81
6) Bromomethane	1.542	94	515	0.054	ug/L	86
9) Trichlorofluoromethane	1.767	101	17067	0.814	ug/L	97
14) Carbon disulfide	2.314	76	3919	0.119	ug/L	97
16) Methylene chloride	2.520	84	3071	0.268	ug/L	90
25) Chloroform	4.384	83	2189	0.108	ug/L	82
27) 1,2-Dichloroethane	5.060	62	955	0.095	ug/L #	72
34) Trichloroethene	5.921	95	73450	6.723	ug/L	99
35) Methylcyclohexane	6.079	83	15511	0.921	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6957	0.686	ug/L #	86
39) cis-1,3-Dichloropropene	6.998	75	829	0.066	ug/L #	61
47) Tetrachloroethene	7.979	164	19305	2.283	ug/L	99
49) Dibromochloromethane	7.979	129	17878	2.489	ug/L #	9
52) Ethylbenzene	9.149	91	1665	0.036	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	6068	1.558	ug/L #	39

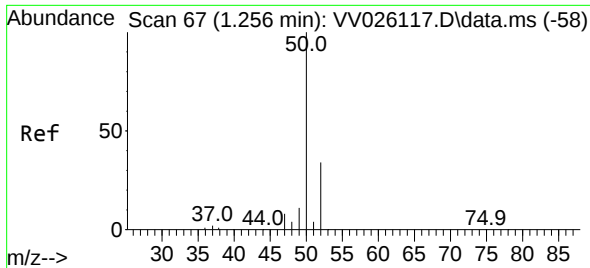
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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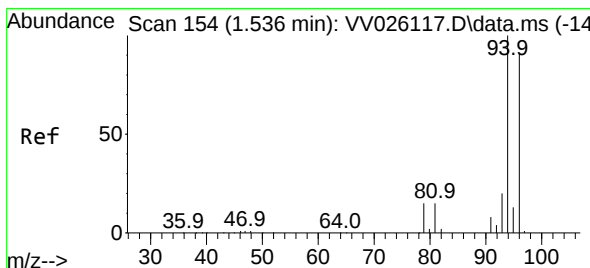
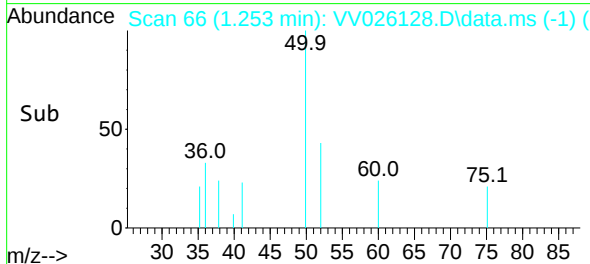
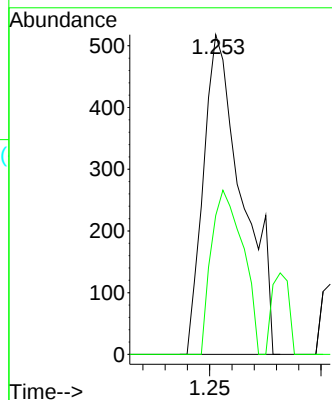
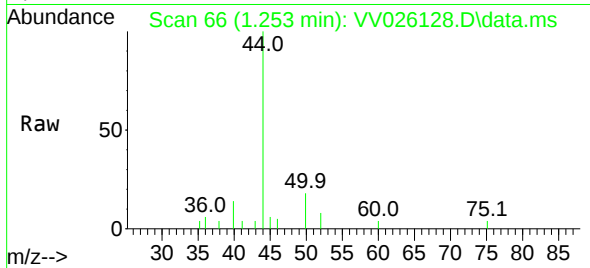




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.253 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

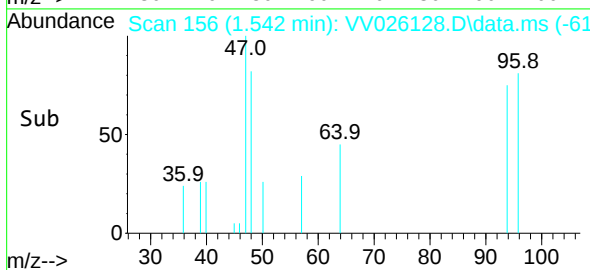
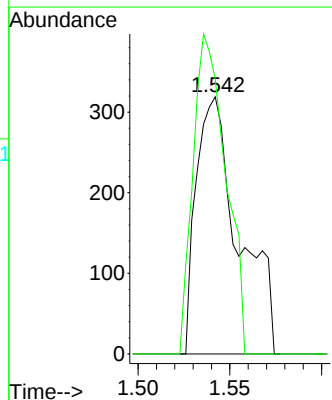
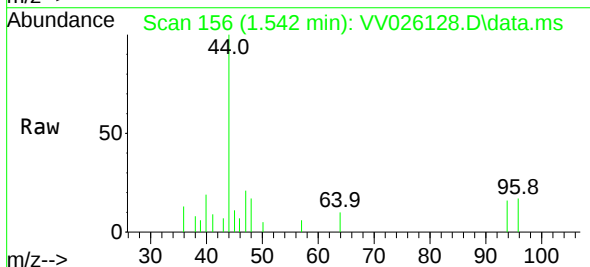
Instrument :
MSVOA_V
ClientSampleId :

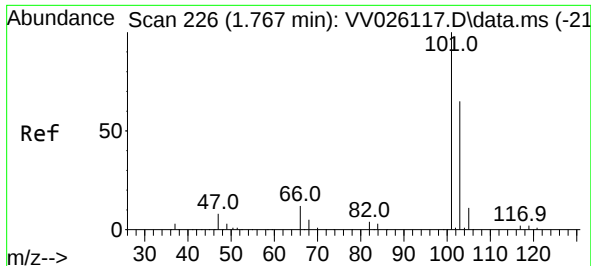
Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 43.4 23.0 42.6#



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.007 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 106.9 65.5 121.6

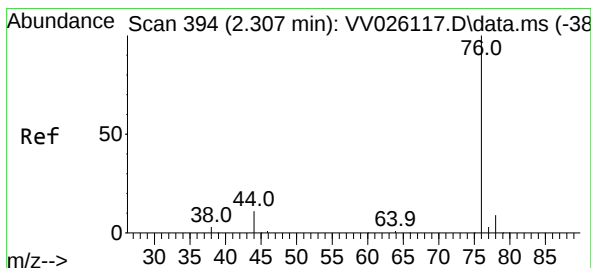
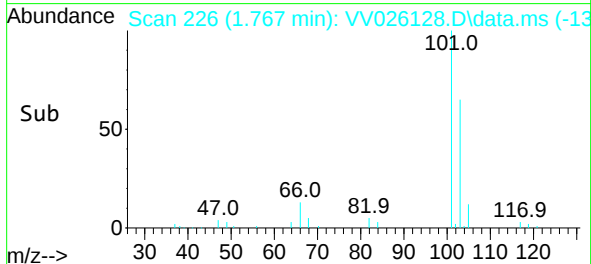
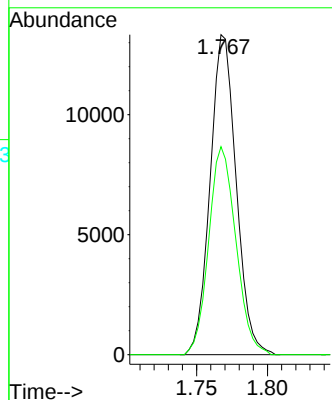
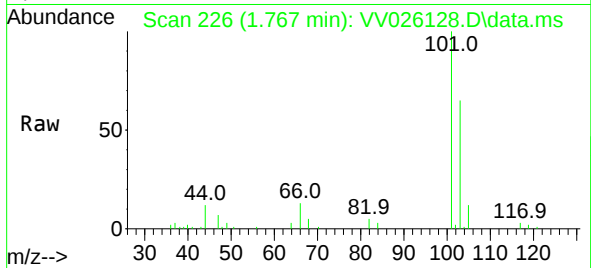




#9
Trichlorofluoromethane
Concen: 0.814 ug/L
RT: 1.767 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

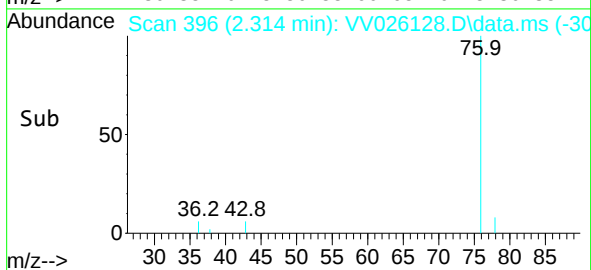
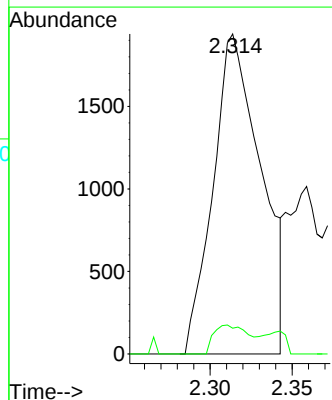
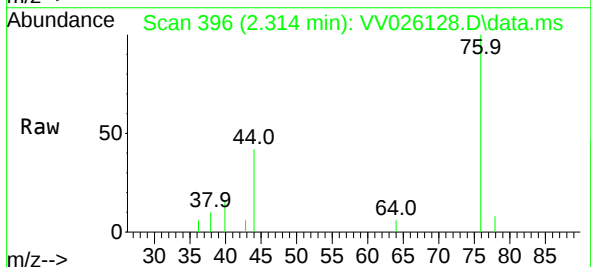
Instrument :
MSVOA_V
ClientSampleId :

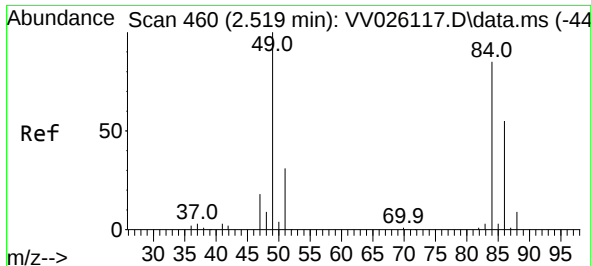
Tgt Ion:101 Resp: 17067
Ion Ratio Lower Upper
101 100
103 67.7 52.6 78.8



#14
Carbon disulfide
Concen: 0.119 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.007 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

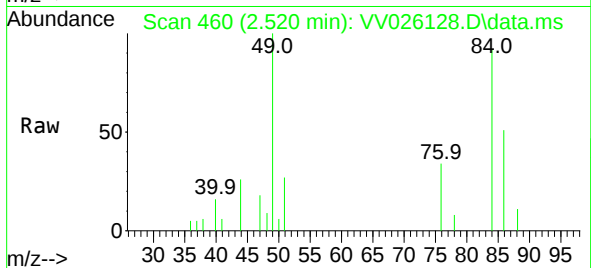
Tgt Ion: 76 Resp: 3919
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



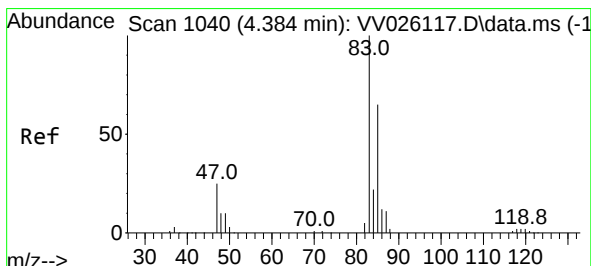
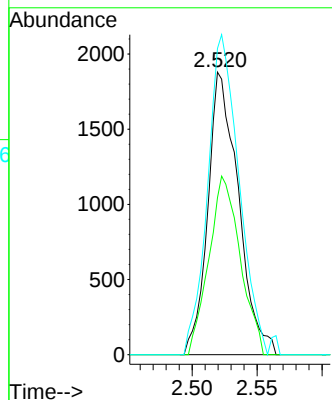
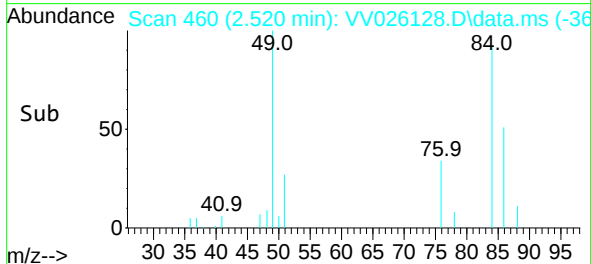


#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.520 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

Instrument :
MSVOA_V
ClientSampleId :

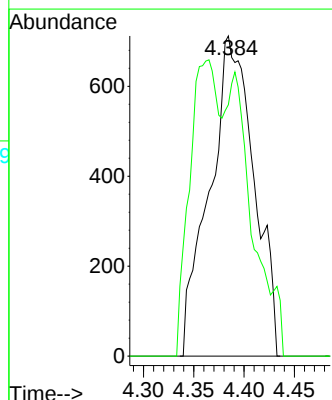
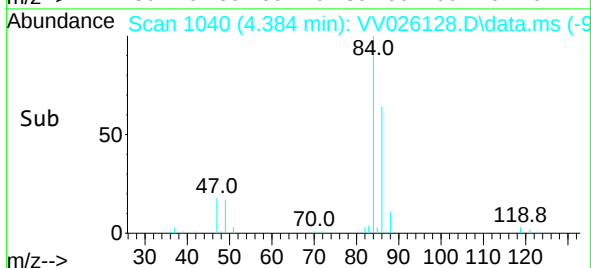
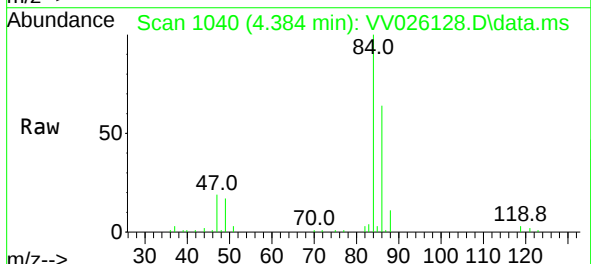


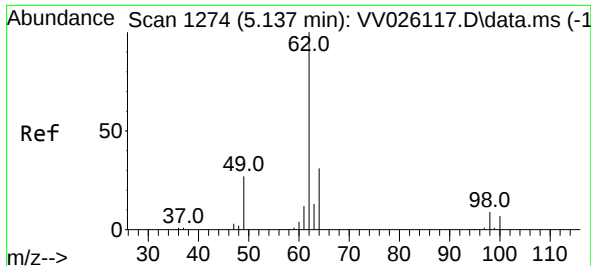
Tgt Ion: 84 Resp: 3071
Ion Ratio Lower Upper
84 100
86 55.5 45.6 84.6
49 108.4 82.9 153.9



#25
Chloroform
Concen: 0.108 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VV026128.D
Acq: 11 Jun 2022 14:32

Tgt Ion: 83 Resp: 2189
Ion Ratio Lower Upper
83 100
85 78.5 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.060 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Instrument :

MSVOA_V

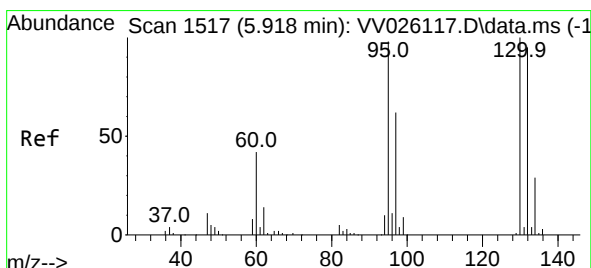
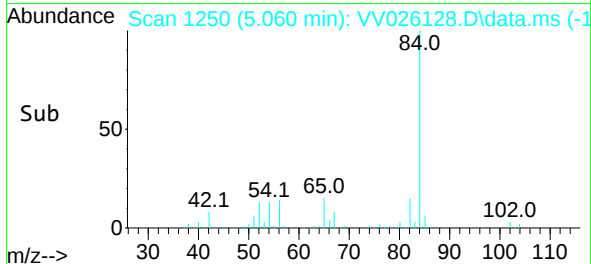
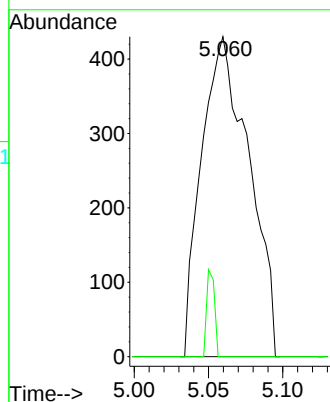
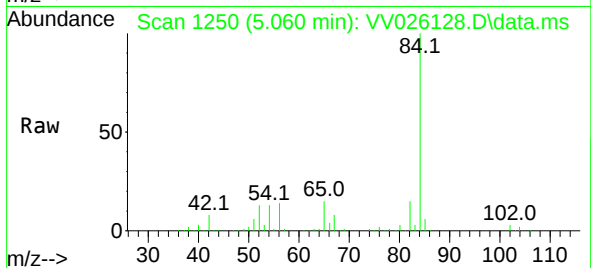
ClientSampleId :

Tgt Ion: 62 Resp: 955

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#34

Trichloroethene

Concen: 6.723 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Tgt Ion: 95 Resp: 73450

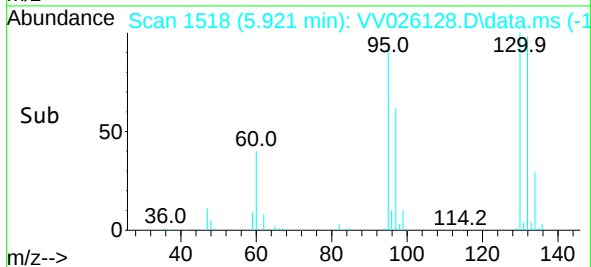
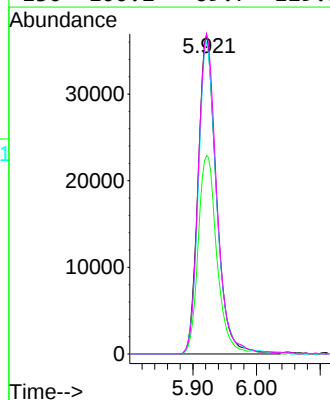
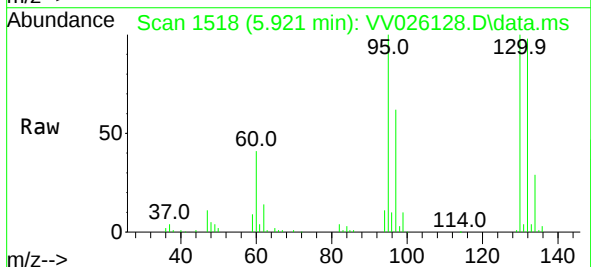
Ion Ratio Lower Upper

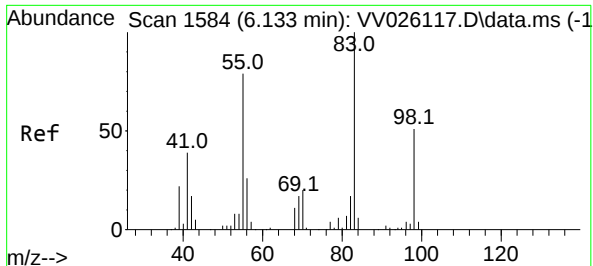
95 100

97 62.1 44.0 81.6

132 97.7 67.5 125.4

130 100.2 69.7 129.5





#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Instrument :

MSVOA_V

ClientSampleId :

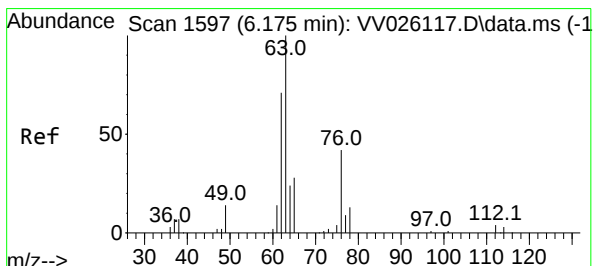
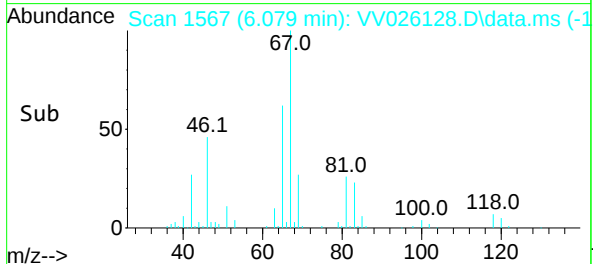
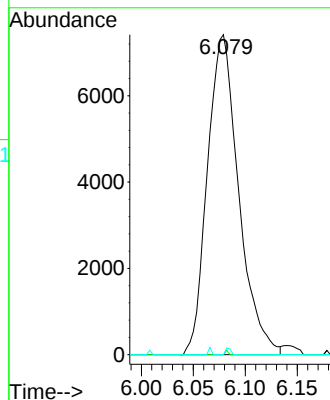
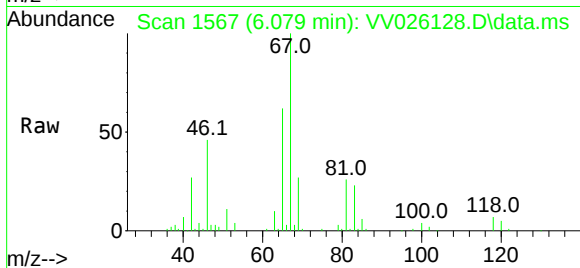
Tgt Ion: 83 Resp: 15511

Ion Ratio Lower Upper

83 100

55 0.1 59.4 89.0#

98 0.9 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026128.D

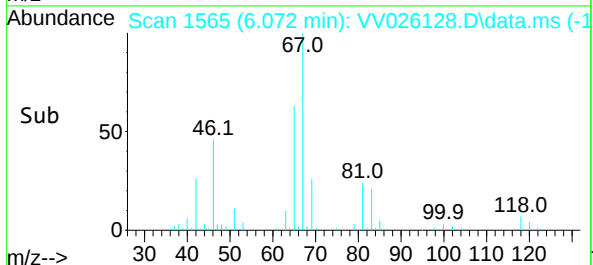
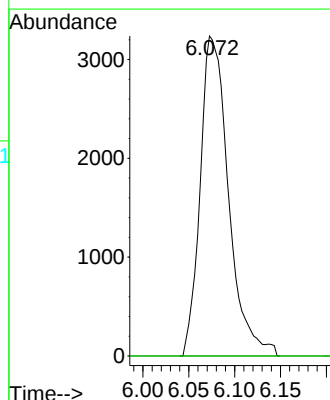
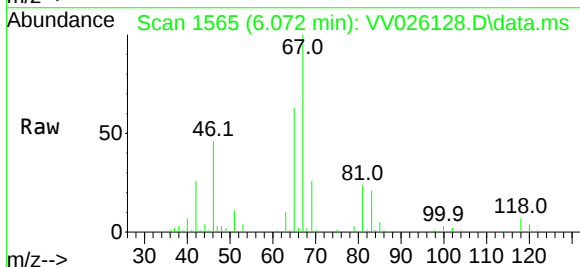
Acq: 11 Jun 2022 14:32

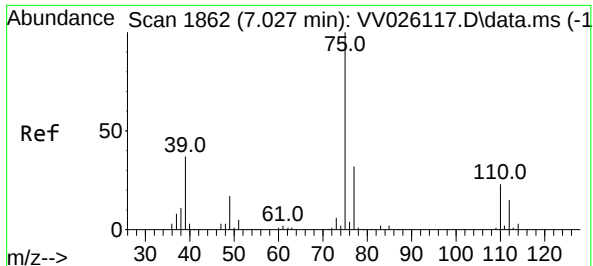
Tgt Ion: 63 Resp: 6957

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Instrument :

MSVOA_V

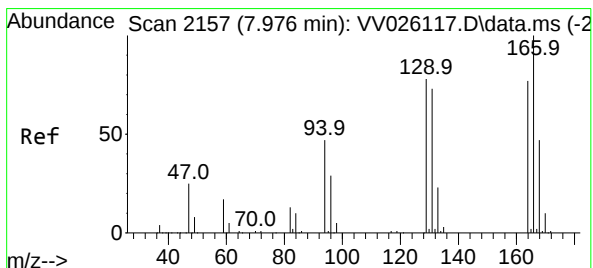
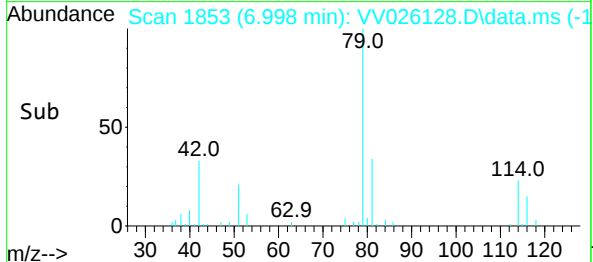
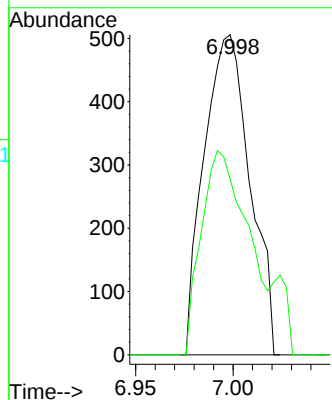
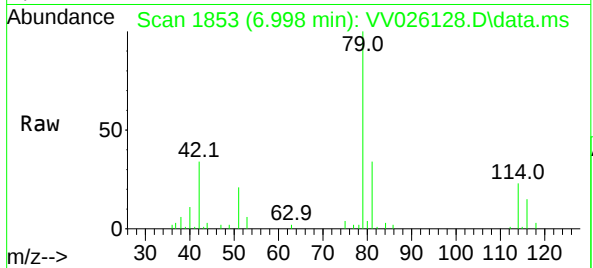
ClientSampleId :

Tgt Ion: 75 Resp: 829

Ion Ratio Lower Upper

75 100

77 54.9 23.2 43.0#



#47

Tetrachloroethene

Concen: 2.283 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Tgt Ion: 164 Resp: 19305

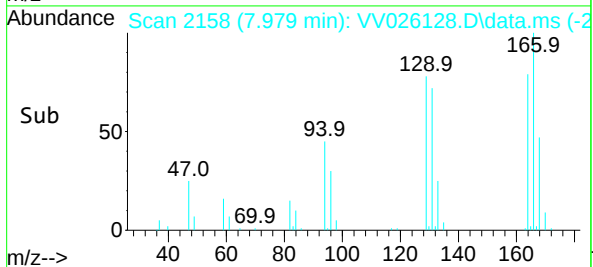
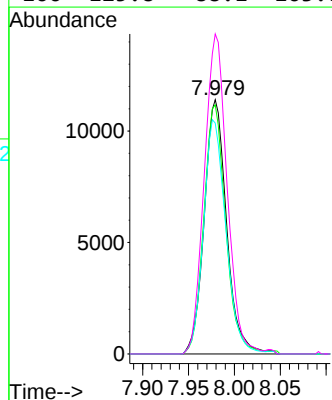
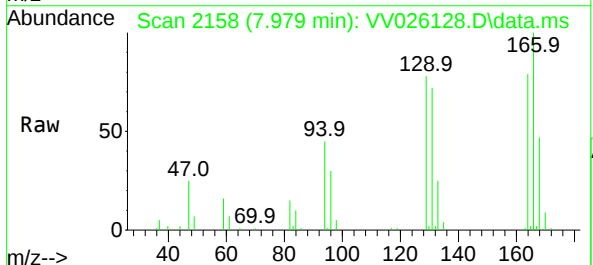
Ion Ratio Lower Upper

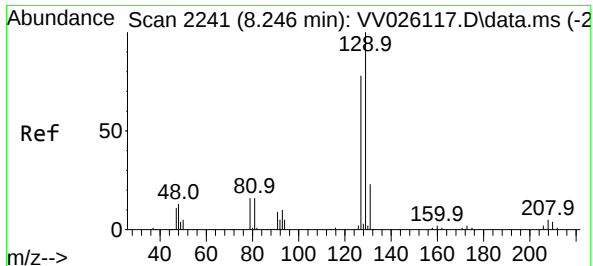
164 100

129 97.9 68.3 126.9

131 90.8 66.5 123.5

166 125.8 88.1 163.7





#49

Dibromochloromethane

Concen: 2.489 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Instrument :

MSVOA_V

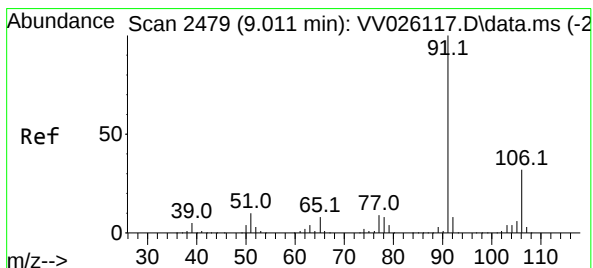
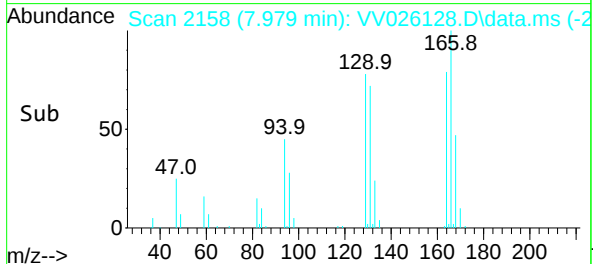
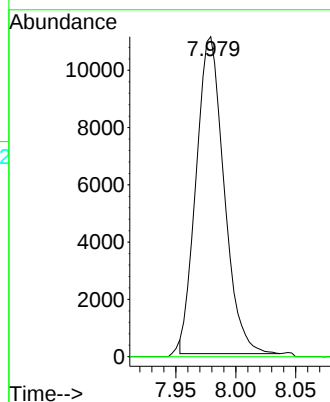
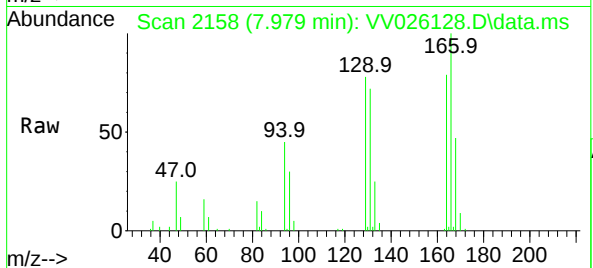
ClientSampleId :

Tgt Ion:129 Resp: 17878

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#52

Ethylbenzene

Concen: 0.036 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.138 min

Lab File: VV026128.D

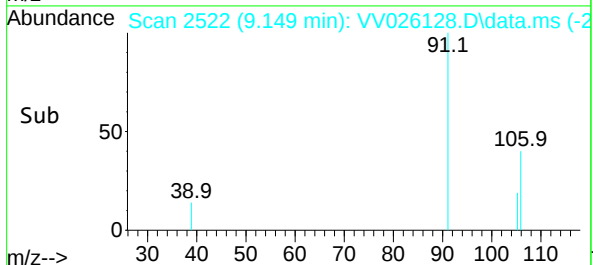
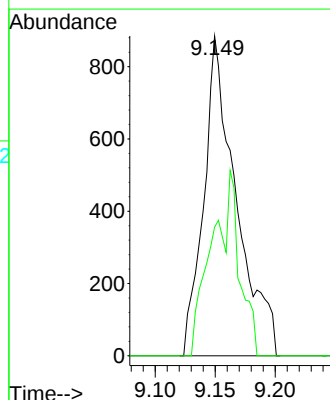
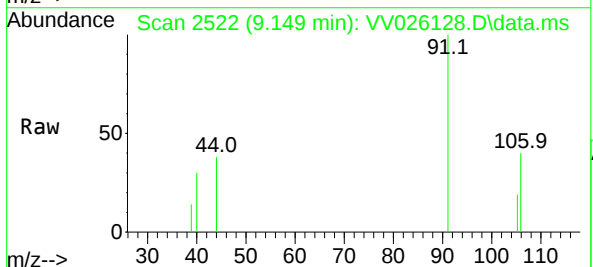
Acq: 11 Jun 2022 14:32

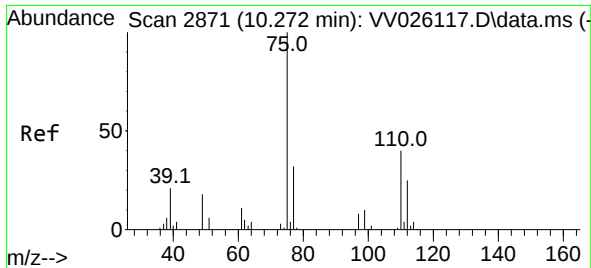
Tgt Ion: 91 Resp: 1665

Ion Ratio Lower Upper

91 100

106 40.2 21.8 40.6





#61

1,2,3-Trichloropropane

Concen: 1.558 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

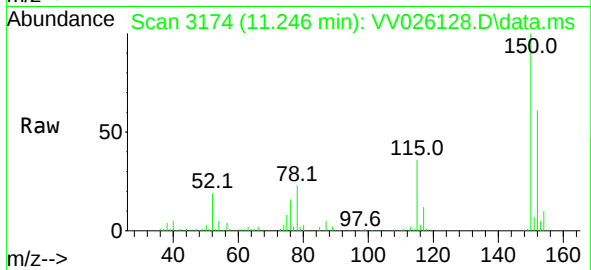
Lab File: VV026128.D

Acq: 11 Jun 2022 14:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6068

Ion Ratio Lower Upper

75 100

77 0.0 26.6 40.0#

110 0.7 32.0 48.0#

