

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026228.D
 Acq On : 14 Jun 2022 11:45
 Operator : SY/MD
 Sample : N3273-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B80

Quant Time: Jun 15 05:48:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	152466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	150214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	90354	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.574	69	73975	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.114	63	118093	3.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.911	46	88088	59.219	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.440%
24) Chloroform-d	4.355	84	137455	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.037	65	57739	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.056	84	269890	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	81076	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.316	98	213842	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	20323	3.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.091	63	78941	49.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45344	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	71456	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.760	101	162402	7.569	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1148	0.094	ug/L #	22
12) 1,1-Dichloroethene	2.114	96	1136	0.097	ug/L #	1
13) Acetone	2.204	43	60743	71.522	ug/L	96
15) Methyl Acetate	2.204	43	60702	24.474	ug/L #	52
21) 2-Butanone	4.014	43	2133	1.845	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	704	0.063	ug/L	71
25) Chloroform	4.384	83	4964	0.221	ug/L	86
31) Carbon tetrachloride	4.834	117	3502	0.220	ug/L	99
34) Trichloroethene	5.921	95	19236	1.568	ug/L	97
35) Methylcyclohexane	6.072	83	19112	1.152	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8589	0.730	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1473	0.112	ug/L #	69
44) trans-1,3-Dichloropropene	7.628	75	770	0.075	ug/L	92
47) Tetrachloroethene	7.976	164	948152	107.609	ug/L	99
49) Dibromochloromethane	7.976	129	900460	111.363	ug/L #	13
51) Chlorobenzene	8.886	112	1837	0.059	ug/L	90
61) 1,2,3-Trichloropropane	10.008	75	3436	0.754	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.252	75	253	0.317	ug/L #	4

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
Data File : VV026228.D
Acq On : 14 Jun 2022 11:45
Operator : SY/MD
Sample : N3273-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

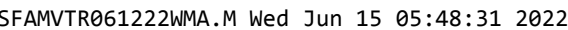
Instrument :
MSVOA_V
ClientSampleId :
C0B80

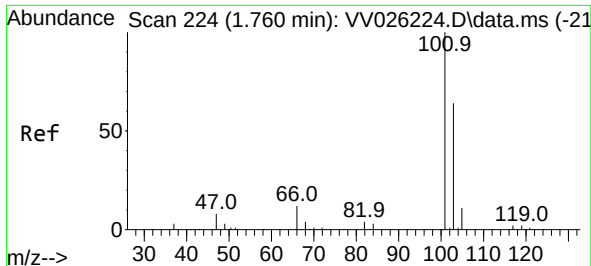
Quant Time: Jun 15 05:48:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 15 05:46:56 2022
Response via : Initial Calibration

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

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

Quant Time: Jun 15 05:48:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 15 05:46:56 2022
Response via : Initial Calibration

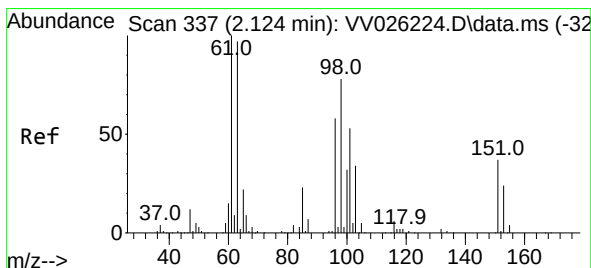
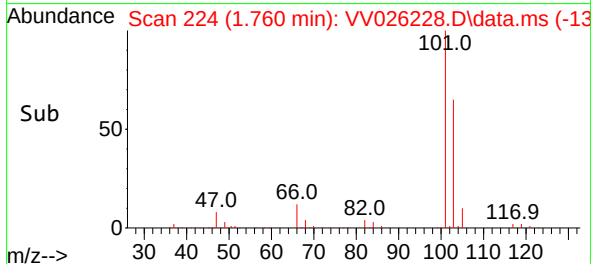
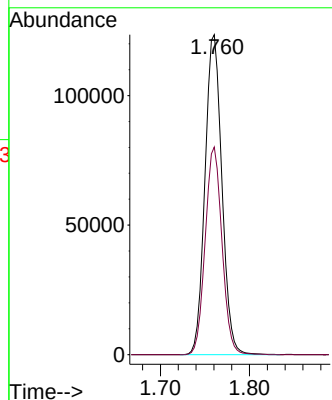
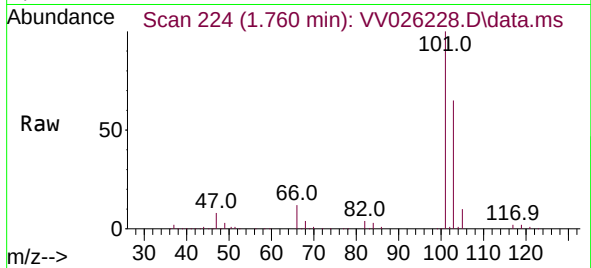




#9
 Trichlorofluoromethane
 Concen: 7.569 ug/L
 RT: 1.760 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026228.D
 Acq: 14 Jun 2022 11:45

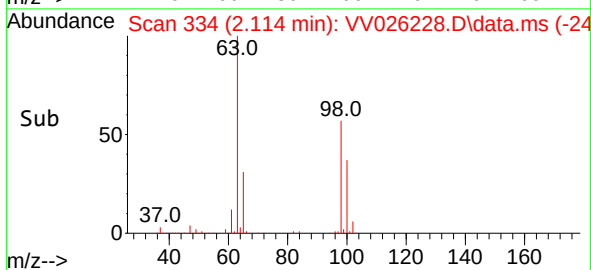
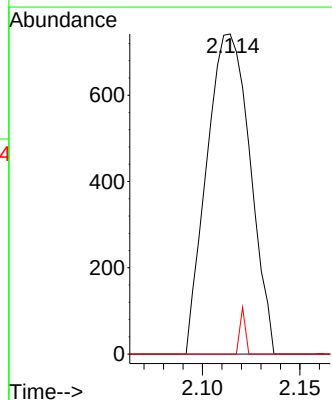
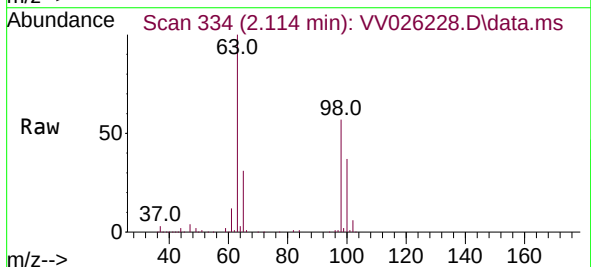
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B80

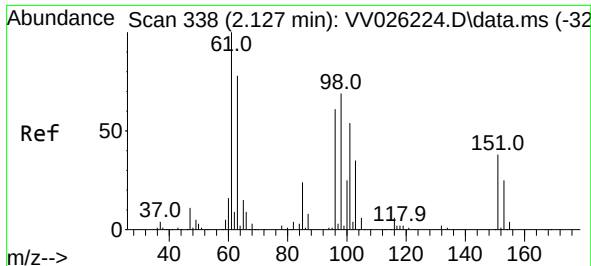
Tgt Ion:101 Resp: 162402
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.9 79.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.010 min
 Lab File: VV026228.D
 Acq: 14 Jun 2022 11:45

Tgt Ion:101 Resp: 1148
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 1.8 56.5 84.7#





#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV026228.D

Acq: 14 Jun 2022 11:45

Instrument :

MSVOA_V

ClientSampleId :

C0B80

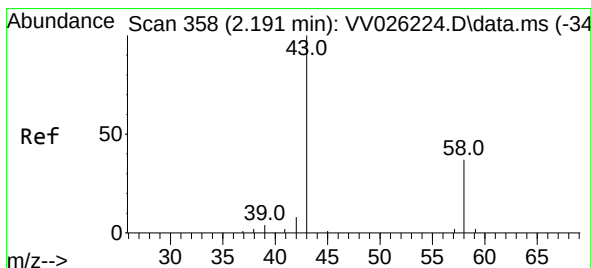
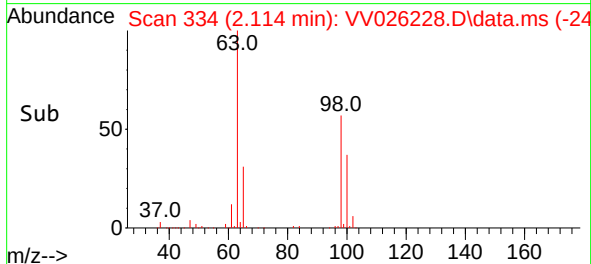
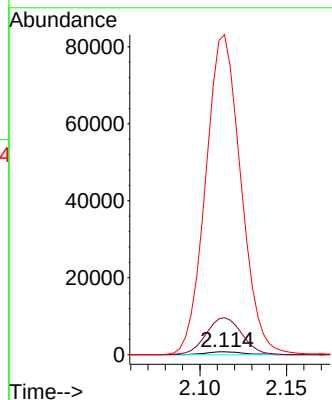
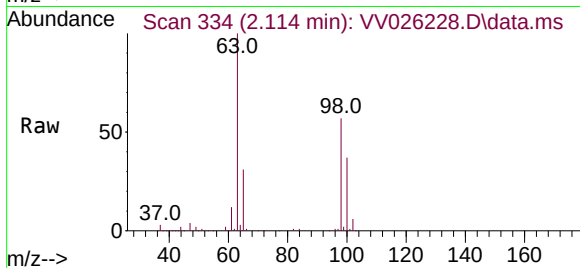
Tgt Ion: 96 Resp: 1136

Ion Ratio Lower Upper

96 100

61 1282.0 120.5 223.7#

63 11117.6 129.3 240.1#



#13

Acetone

Concen: 71.522 ug/L

RT: 2.204 min Scan# 362

Delta R.T. 0.013 min

Lab File: VV026228.D

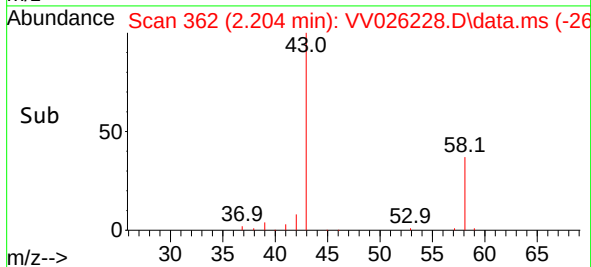
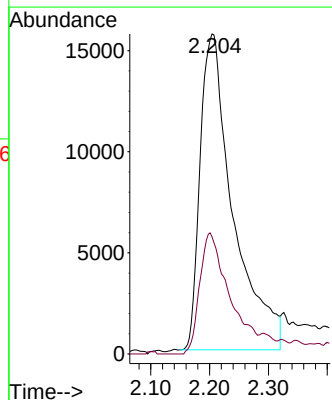
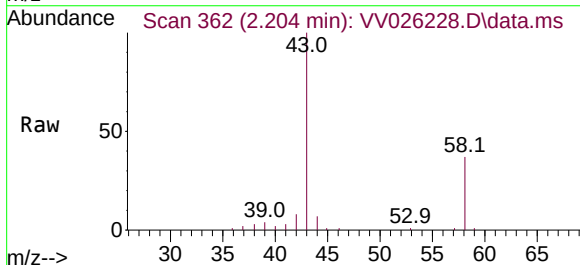
Acq: 14 Jun 2022 11:45

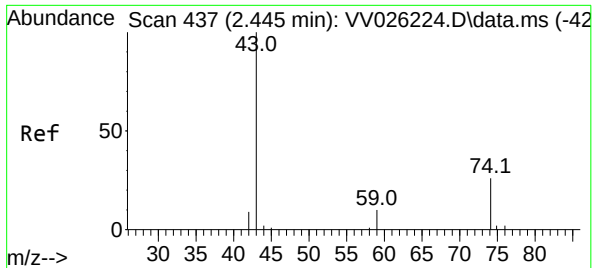
Tgt Ion: 43 Resp: 60743

Ion Ratio Lower Upper

43 100

58 34.6 0.0 73.6

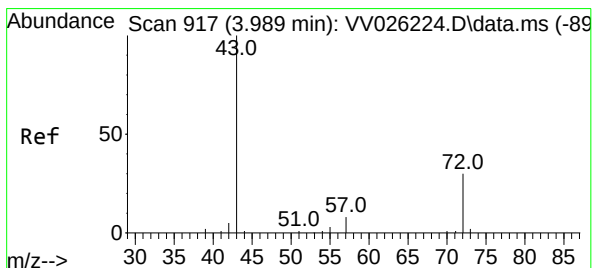
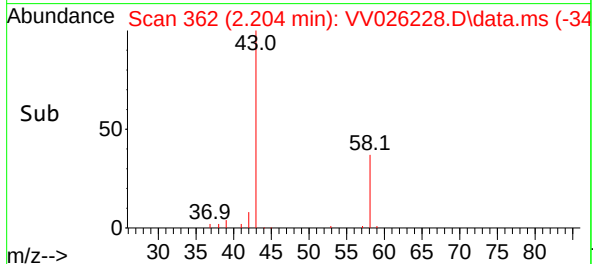
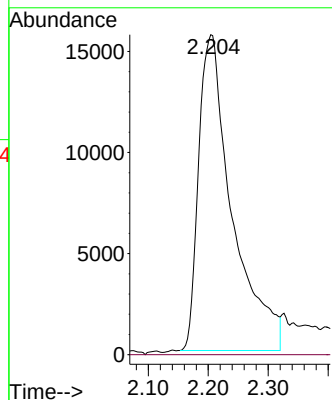
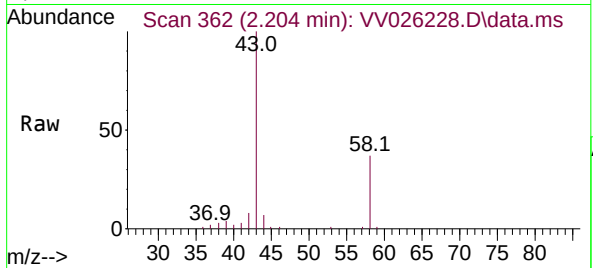




#15
Methyl Acetate
Concen: 24.474 ug/L
RT: 2.204 min Scan# 30
Delta R.T. -0.241 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

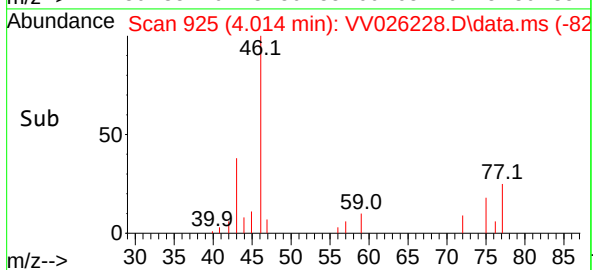
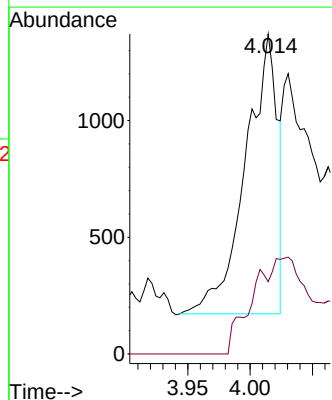
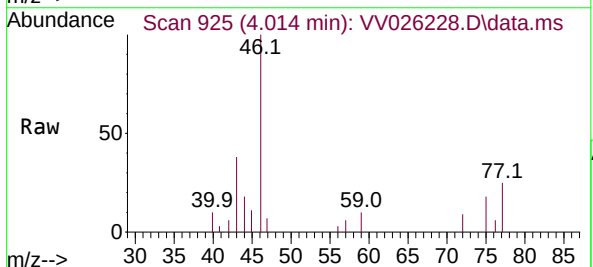
Instrument :
MSVOA_V
ClientSampleId :
C0B80

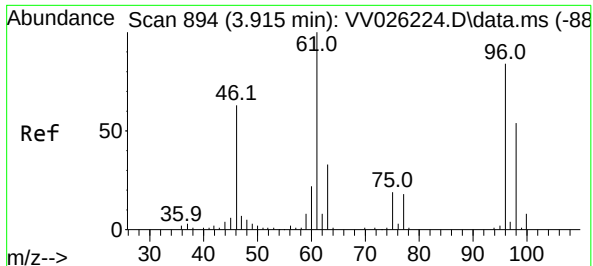
Tgt Ion: 43 Resp: 60702
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#21
2-Butanone
Concen: 1.845 ug/L
RT: 4.014 min Scan# 925
Delta R.T. 0.026 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
72 20.8 10.6 31.8





#22

cis-1,2-Dichloroethene

Concen: 0.063 ug/L

RT: 3.921 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV026228.D

Acq: 14 Jun 2022 11:45

Instrument :

MSVOA_V

ClientSampleId :

C0B80

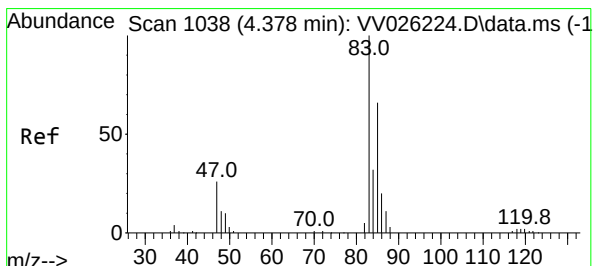
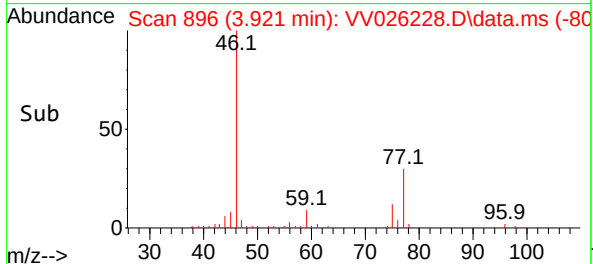
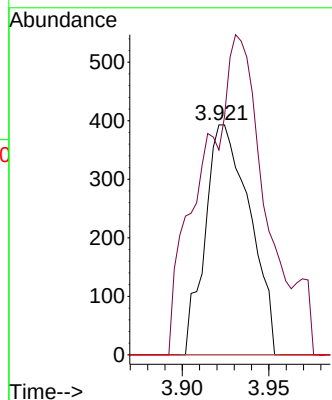
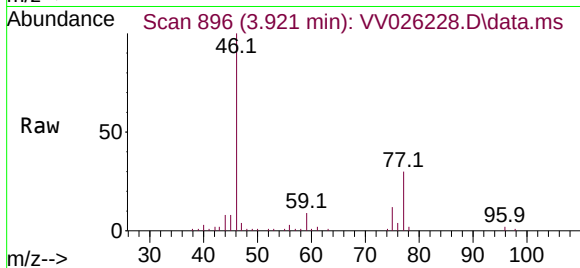
Tgt Ion: 96 Resp: 704

Ion Ratio Lower Upper

96 100

61 89.1 85.2 158.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.221 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VV026228.D

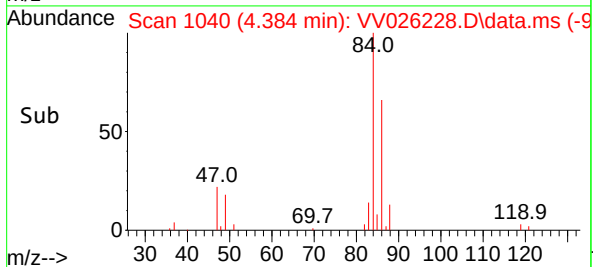
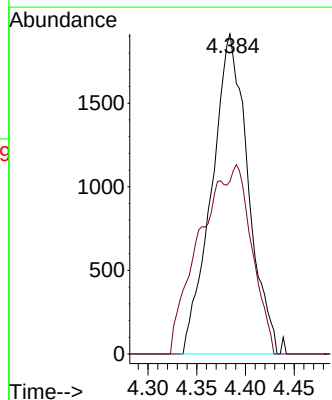
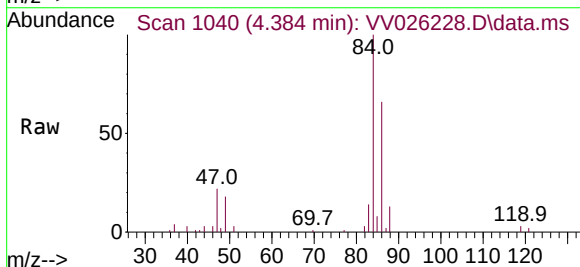
Acq: 14 Jun 2022 11:45

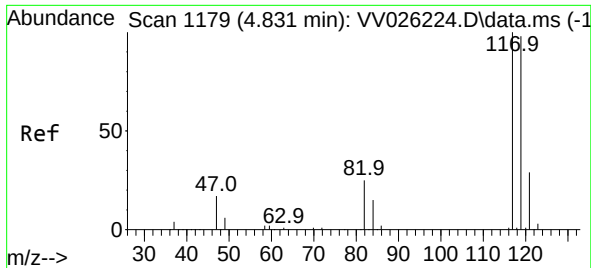
Tgt Ion: 83 Resp: 4964

Ion Ratio Lower Upper

83 100

85 54.0 45.3 84.1

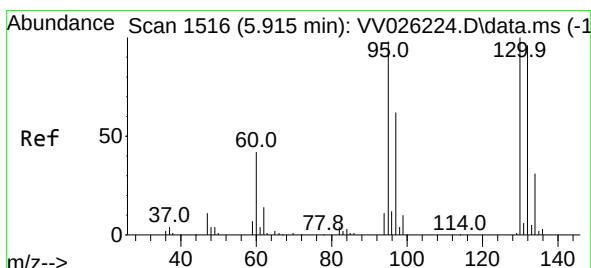
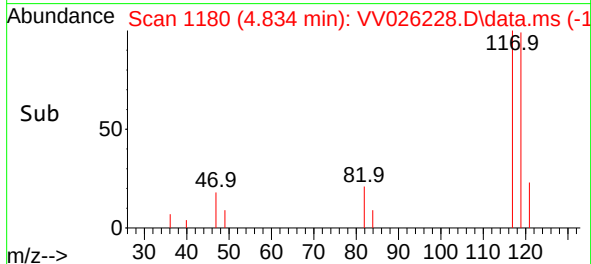
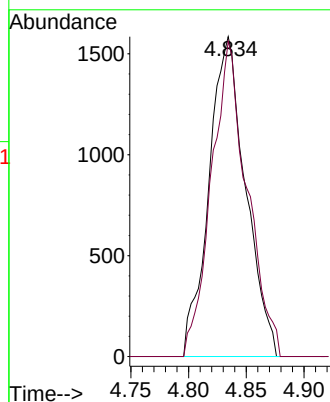
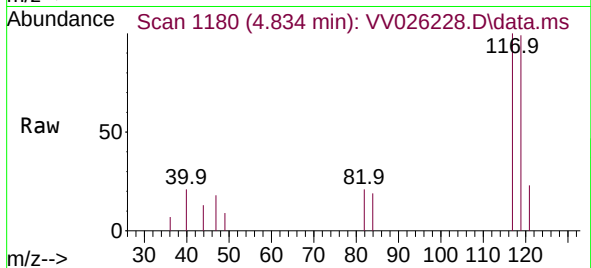




#31
Carbon tetrachloride
Concen: 0.220 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

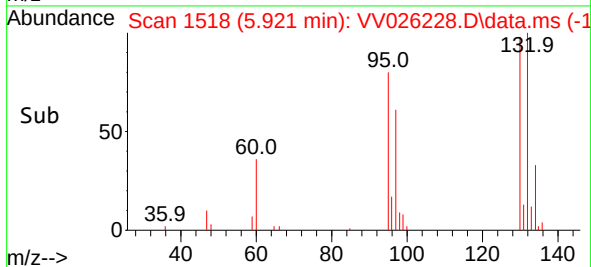
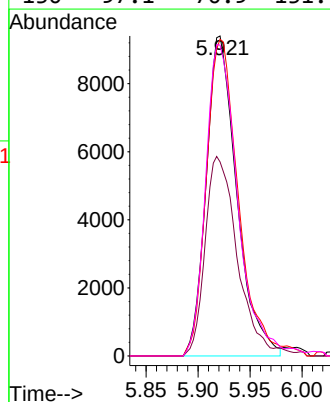
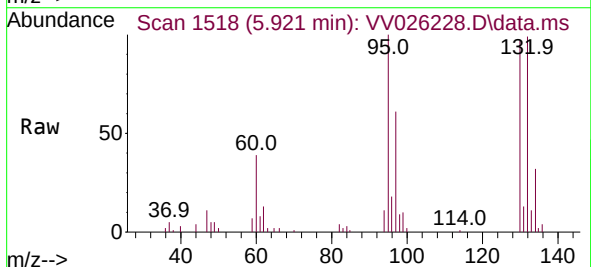
Instrument :
MSVOA_V
ClientSampleId :
C0B80

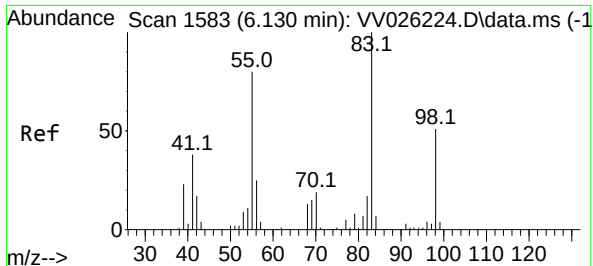
Tgt Ion: 117 Resp: 3502
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.8



#34
Trichloroethene
Concen: 1.568 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

Tgt Ion: 95 Resp: 19236
Ion Ratio Lower Upper
95 100
97 60.6 43.3 80.3
132 98.9 67.5 125.4
130 97.1 70.9 131.7

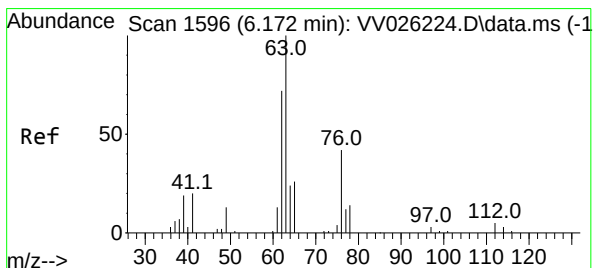
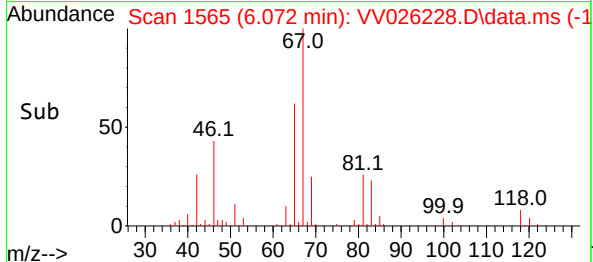
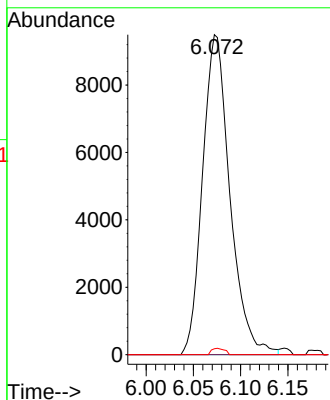
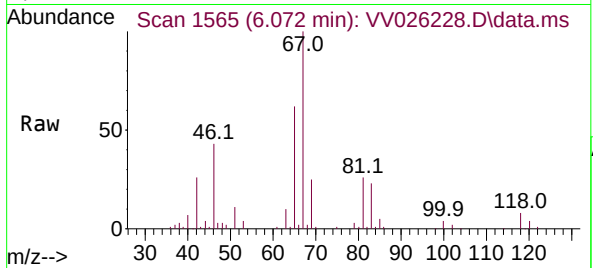




#35
Methylcyclohexane
Concen: 1.152 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

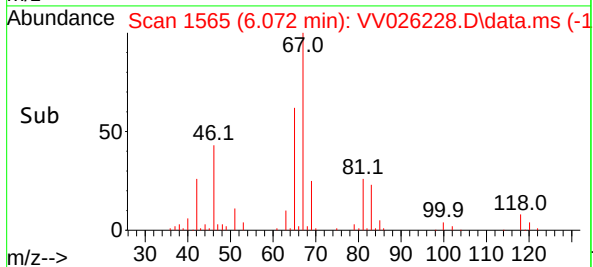
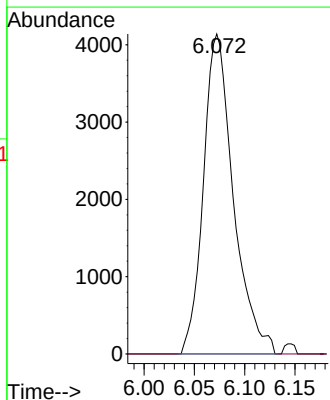
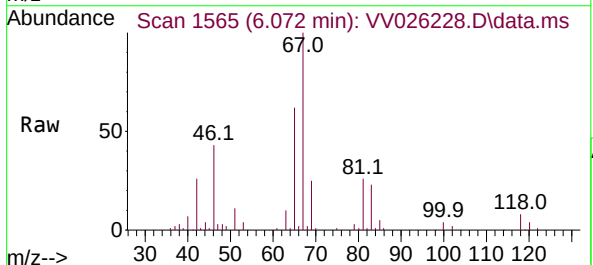
Instrument :
MSVOA_V
ClientSampleId :
C0B80

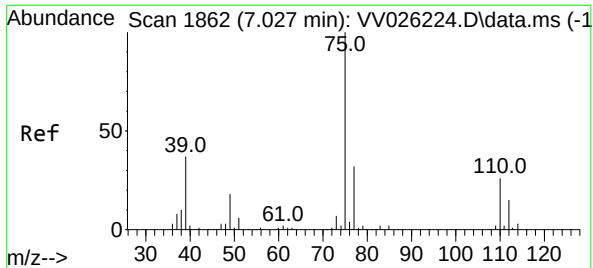
Tgt Ion: 83 Resp: 19112
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.9 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

Tgt Ion: 63 Resp: 8589
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026228.D

Acq: 14 Jun 2022 11:45

Instrument :

MSVOA_V

ClientSampleId :

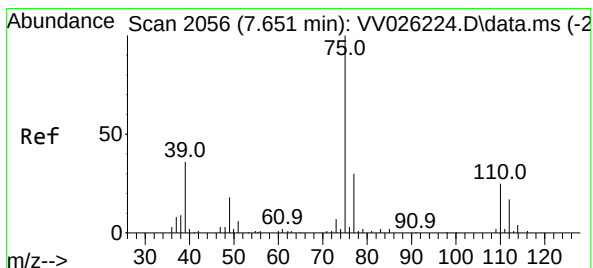
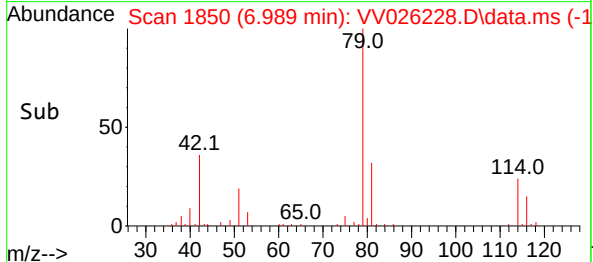
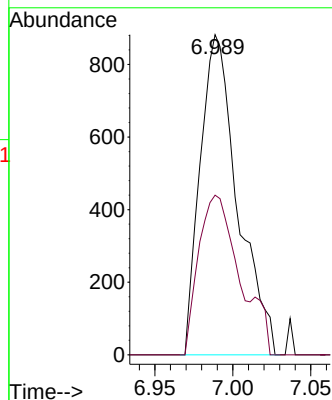
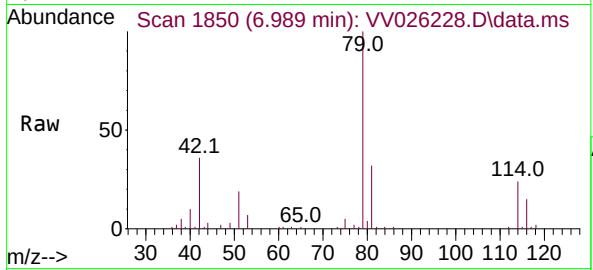
COB80

Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 49.9 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.023 min

Lab File: VV026228.D

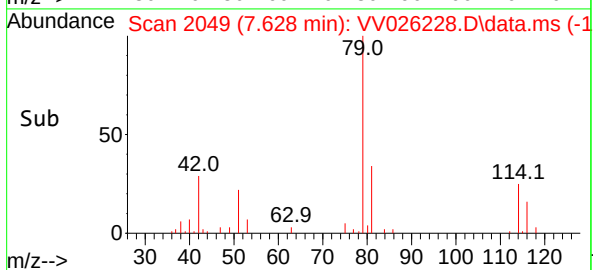
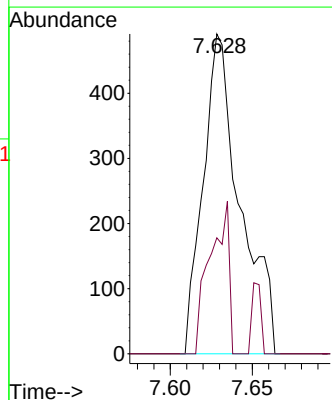
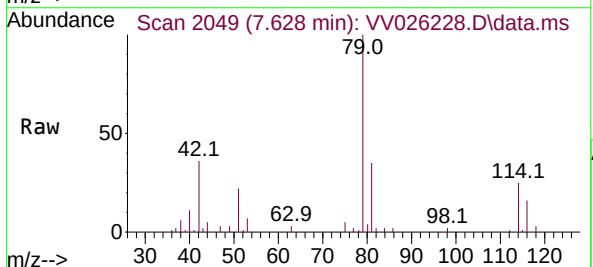
Acq: 14 Jun 2022 11:45

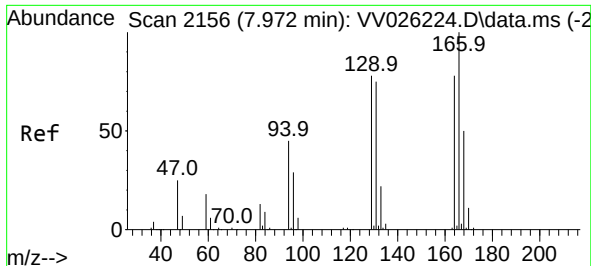
Tgt Ion: 75 Resp: 770

Ion Ratio Lower Upper

75 100

77 36.3 22.3 41.3

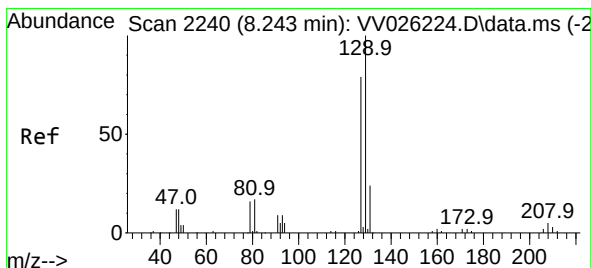
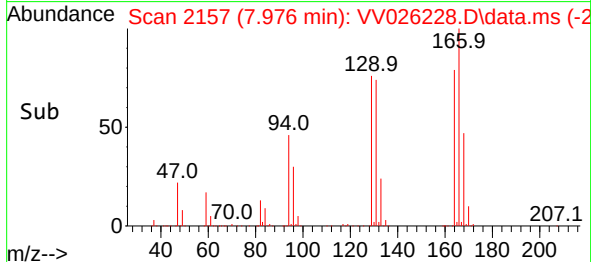
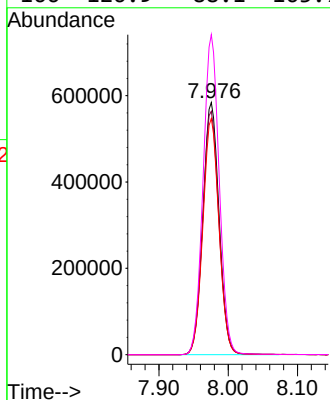
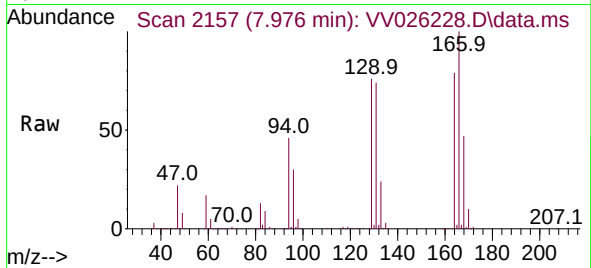




#47
Tetrachloroethene
Concen: 107.609 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

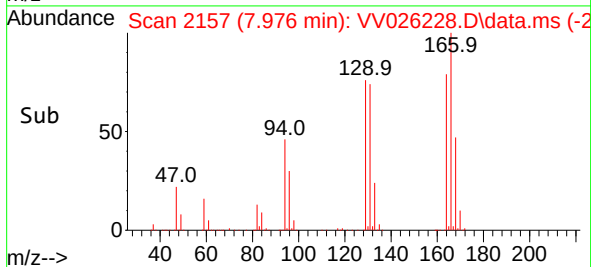
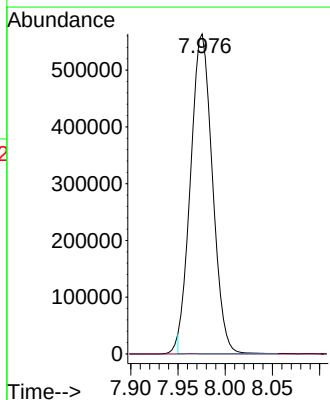
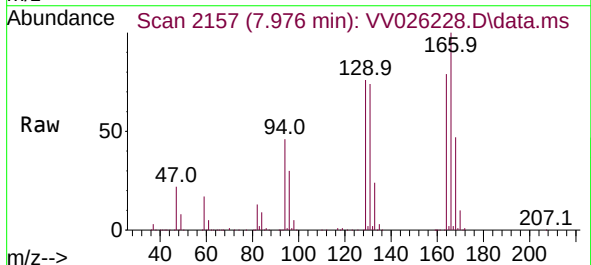
Instrument :
MSVOA_V
ClientSampleId :
C0B80

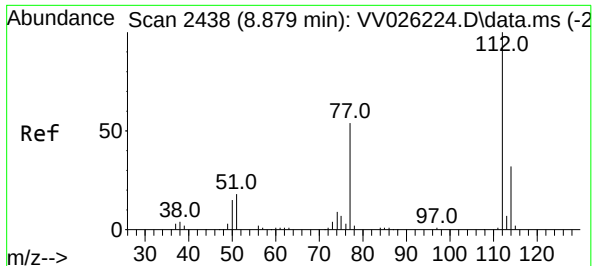
Tgt Ion:164 Resp: 948152
Ion Ratio Lower Upper
164 100
129 96.5 66.1 122.7
131 93.6 65.0 120.6
166 126.9 88.1 163.7



#49
Dibromochloromethane
Concen: 111.363 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

Tgt Ion:129 Resp: 900460
Ion Ratio Lower Upper
129 100
127 0.0 50.9 94.5#

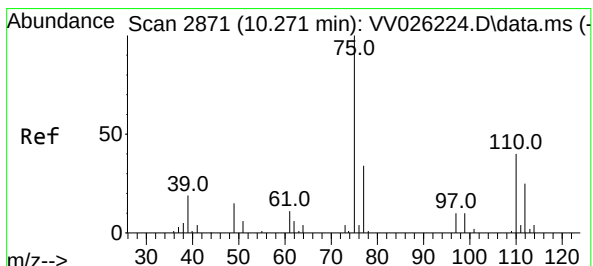
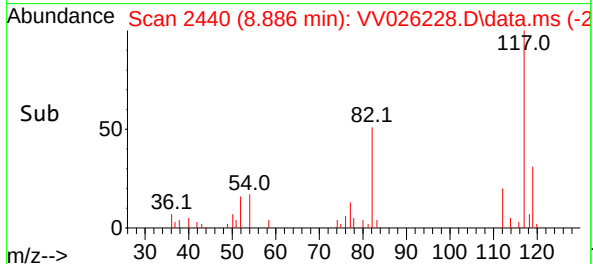
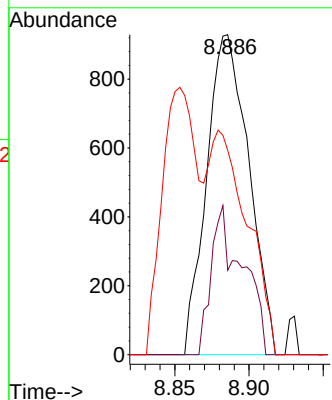
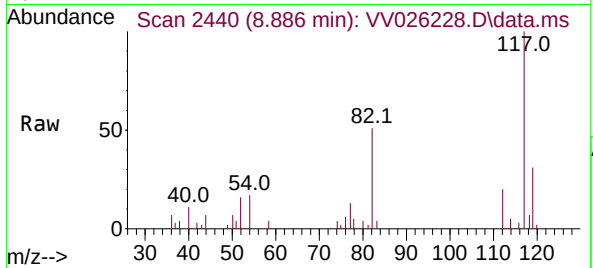




#51
Chlorobenzene
Concen: 0.059 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

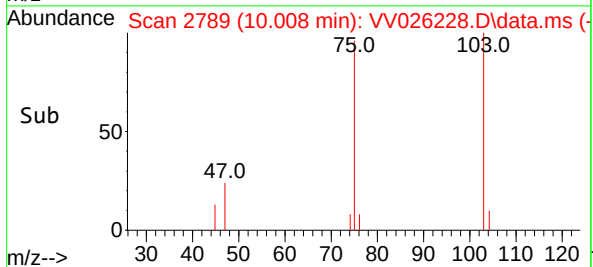
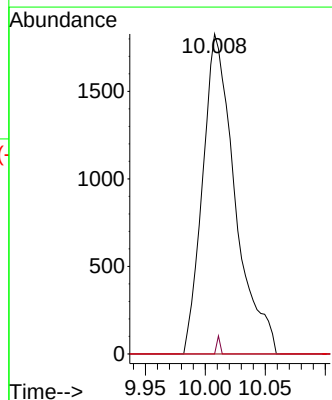
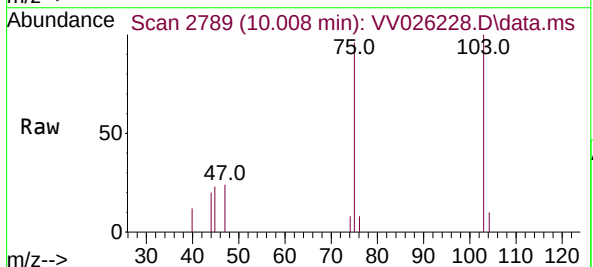
Instrument :
MSVOA_V
ClientSampleId :
C0B80

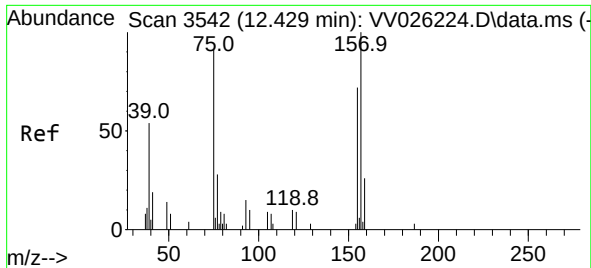
Tgt Ion:112 Resp: 1837
Ion Ratio Lower Upper
112 100
114 26.4 21.8 40.6
77 63.8 44.6 66.8



#61
1,2,3-Trichloropropane
Concen: 0.754 ug/L
RT: 10.008 min Scan# 2789
Delta R.T. -0.264 min
Lab File: VV026228.D
Acq: 14 Jun 2022 11:45

Tgt Ion: 75 Resp: 3436
Ion Ratio Lower Upper
75 100
77 0.0 27.8 41.8#
110 0.0 33.0 49.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.317 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV026228.D

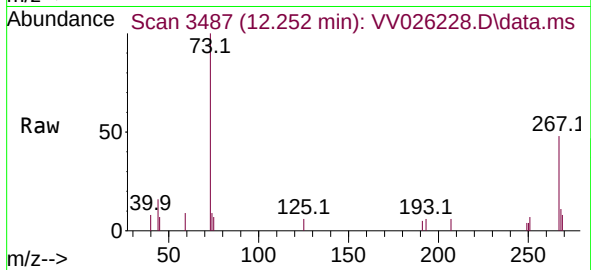
Acq: 14 Jun 2022 11:45

Instrument :

MSVOA_V

ClientSampleId :

C0B80



Tgt Ion: 75 Resp: 253

Ion Ratio Lower Upper

75 100

155 0.0 67.0 100.6#

157 0.0 77.7 116.5#

