

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026379.D
 Acq On : 17 Jun 2022 14:13
 Operator : SY/MD
 Sample : N3318-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	187439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	181682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53407	3.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.587	69	48776	3.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.127	63	95186	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.931	46	84157	52.976	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.960%
24) Chloroform-d	4.371	84	107708	4.514	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.050	65	45635	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.066	84	202124	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.082	67	65523	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.323	98	162701	3.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.635	79	13133	2.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.200%
46) 2-Hexanone-d5	8.095	63	60710	43.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41426	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	55472	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.265	50	1265	0.081	ug/L #	78
6) Bromomethane	1.542	94	370	0.041	ug/L	100
8) Chloroethane	1.577	64	24767	2.466	ug/L #	48
12) 1,1-Dichloroethene	2.137	96	31010	2.619	ug/L #	76
17) Methyl tert-butyl Ether	2.796	73	16071	0.789	ug/L #	91
19) 1,1-Dichloroethane	3.214	63	6758	0.309	ug/L	88
22) cis-1,2-Dichloroethene	3.934	96	909	0.078	ug/L #	64
25) Chloroform	4.397	83	6573	0.277	ug/L	98
29) 1,1,1-Trichloroethane	4.628	97	28012	1.395	ug/L	98
31) Carbon tetrachloride	4.628	117	3409	0.201	ug/L	90
34) Trichloroethene	5.924	95	231174	18.179	ug/L	99
35) Methylcyclohexane	6.082	83	15354	0.873	ug/L #	19
37) 1,2-Dichloropropane	6.082	63	6873	0.564	ug/L #	94
39) cis-1,3-Dichloropropene	6.995	75	959	0.069	ug/L #	72
47) Tetrachloroethene	7.982	164	6587	0.699	ug/L	93
49) Dibromochloromethane	7.982	129	6412	0.724	ug/L #	9
53) m,p-Xylene	9.149	106	810	0.042	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	8581	1.765	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.921	105	963	0.030	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration

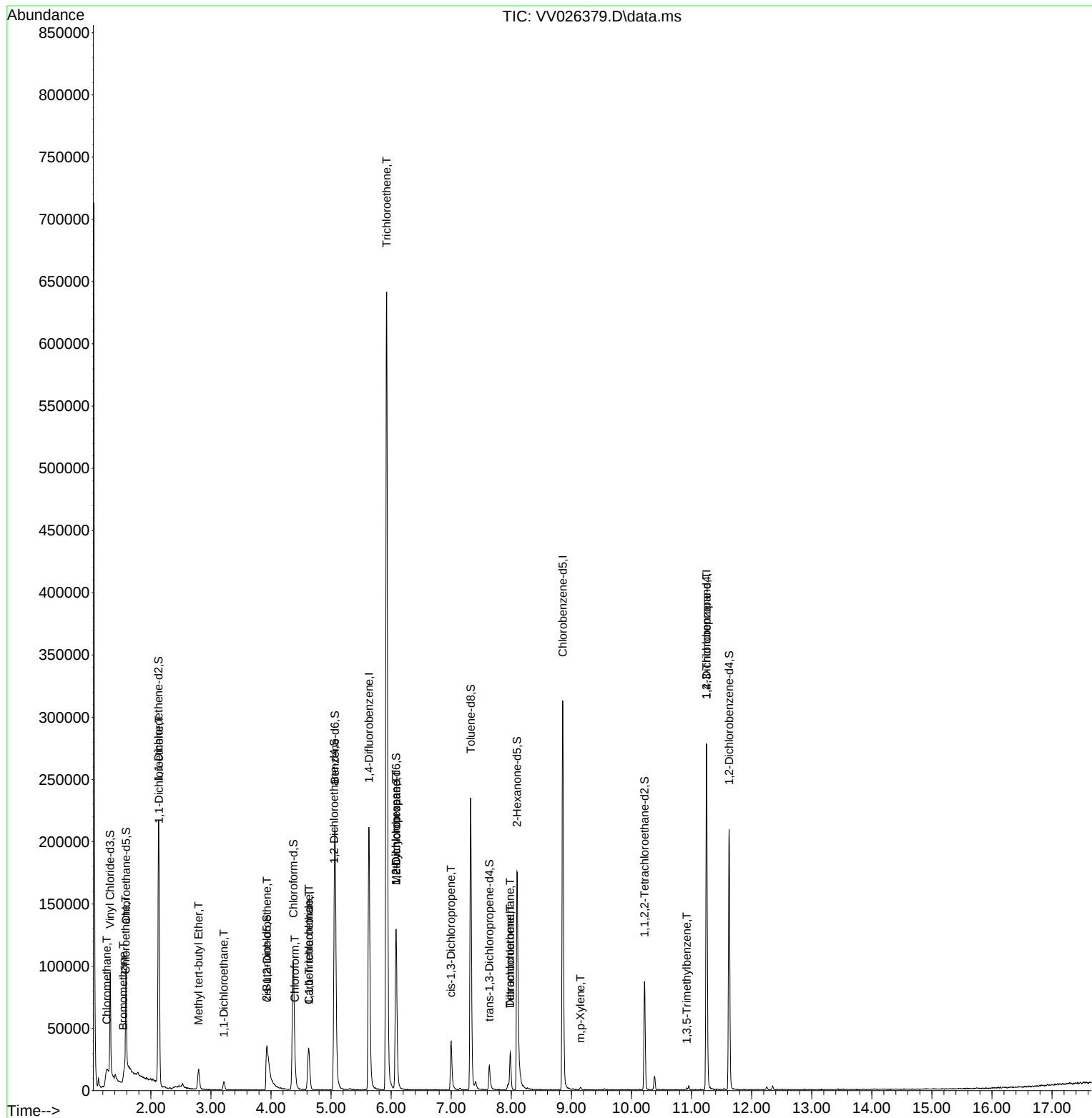
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

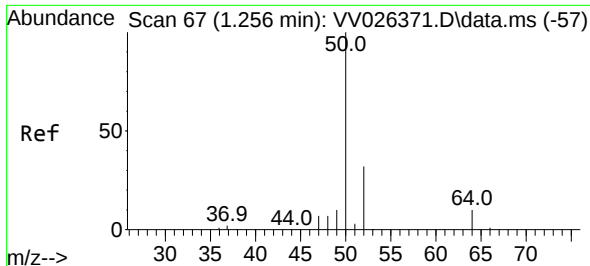
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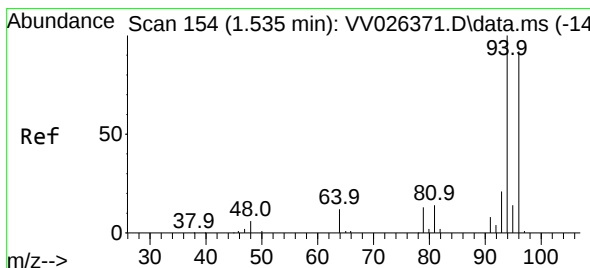
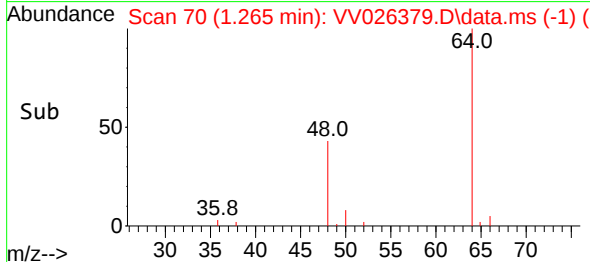
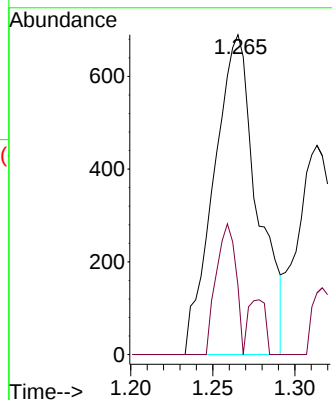
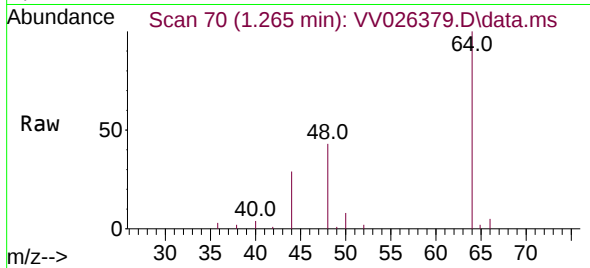




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.265 min Scan# 70
Delta R.T. 0.010 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

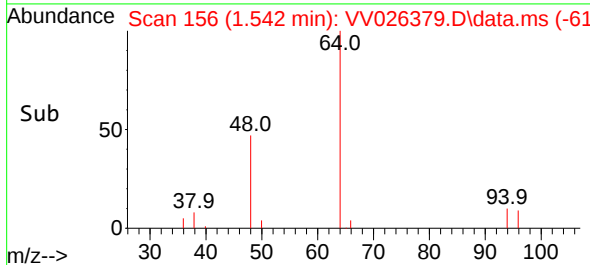
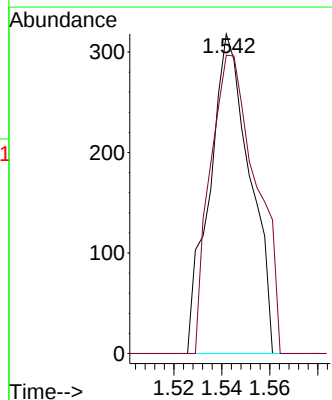
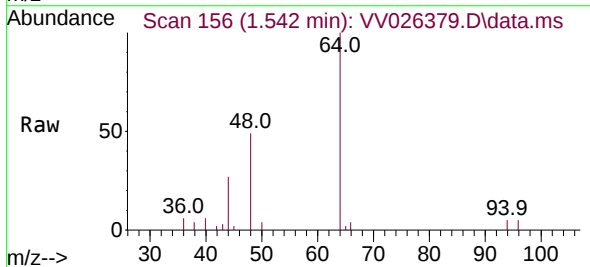
Instrument :
MSVOA_V
ClientSampleId :

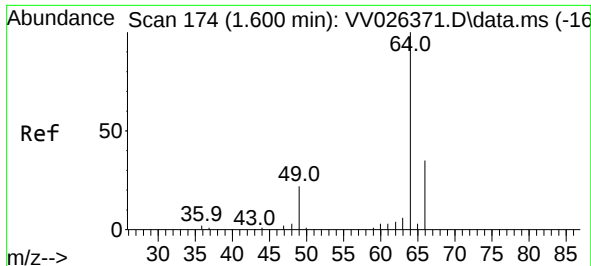
Tgt Ion: 50 Resp: 1265
Ion Ratio Lower Upper
50 100
52 21.6 23.7 44.1#



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 93.4 65.7 121.9

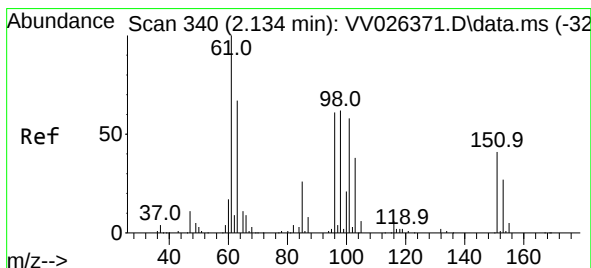
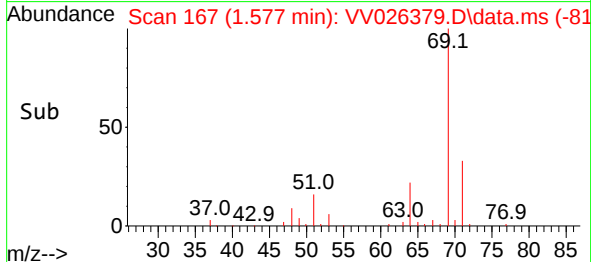
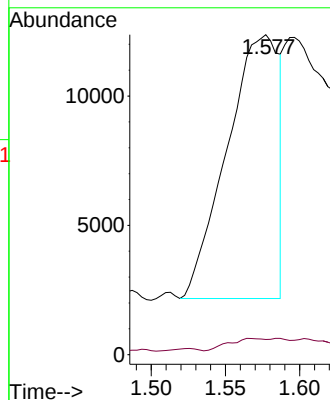
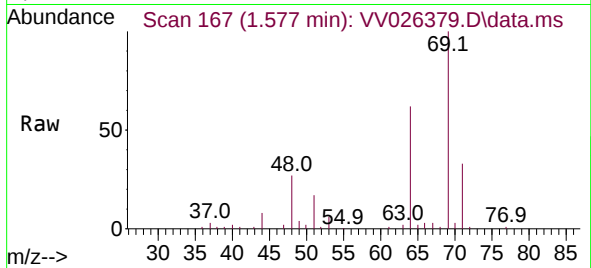




#8
Chloroethane
Concen: 2.466 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

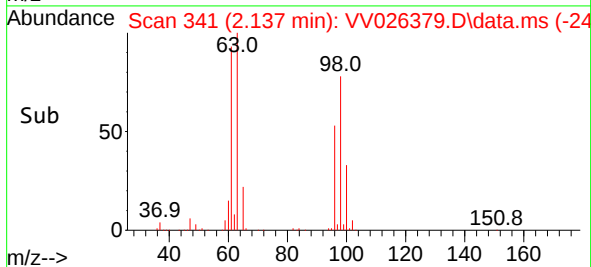
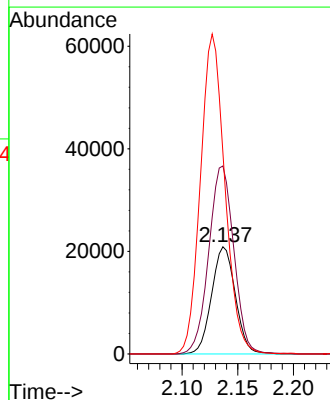
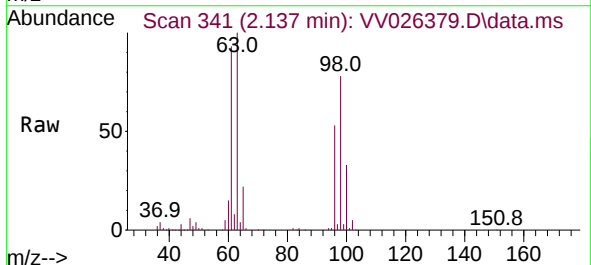
Instrument :
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ClientSampleId :

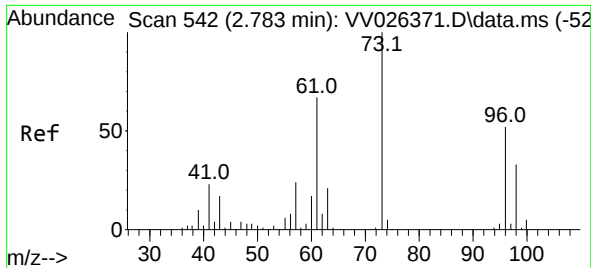
Tgt Ion: 64 Resp: 24767
Ion Ratio Lower Upper
64 100
66 4.7 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 2.619 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

Tgt Ion: 96 Resp: 31010
Ion Ratio Lower Upper
96 100
61 175.2 117.1 217.5
63 187.4 92.8 172.4#

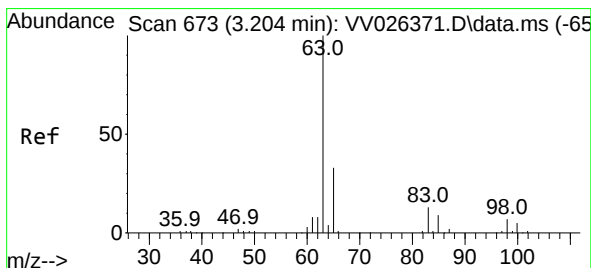
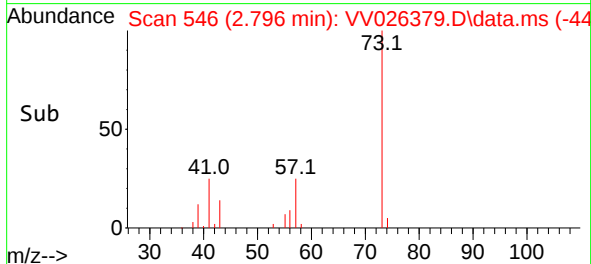
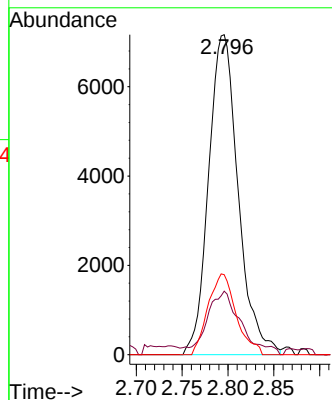
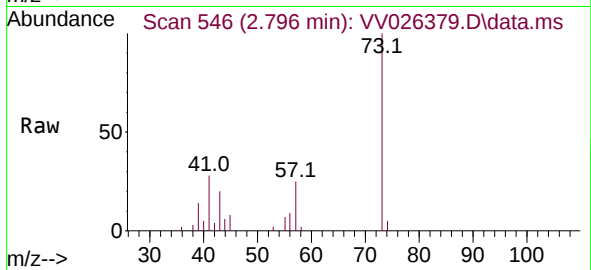




#17
Methyl tert-butyl Ether
Concen: 0.789 ug/L
RT: 2.796 min Scan# 54
Delta R.T. 0.013 min
Lab File: VV026379.D
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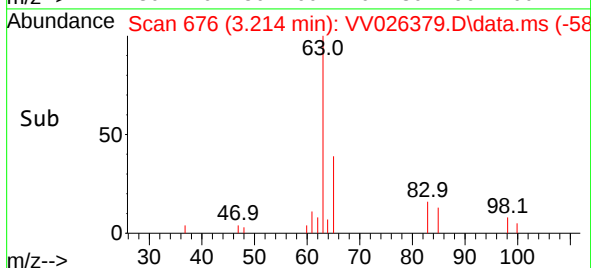
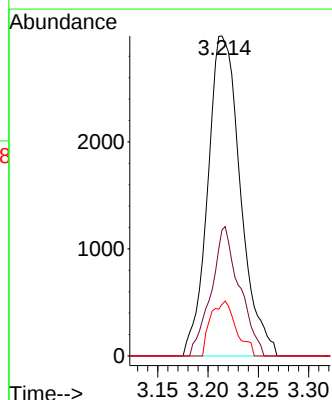
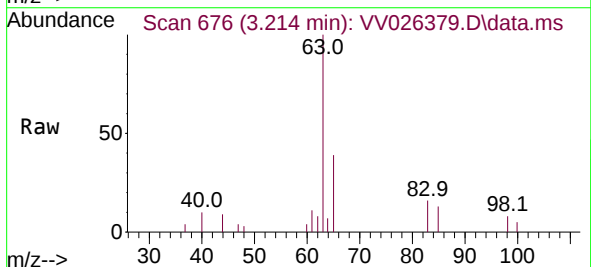
Instrument :
MSVOA_V
ClientSampleId :

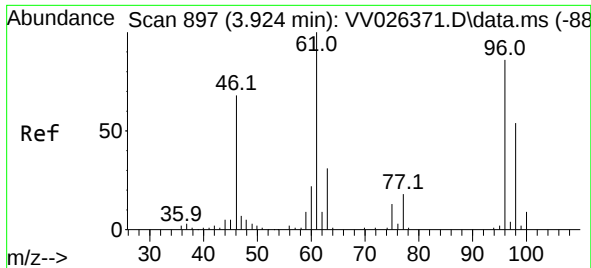
Tgt Ion: 73 Resp: 16071
Ion Ratio Lower Upper
73 100
43 22.8 13.0 19.6#
57 23.9 17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.309 ug/L
RT: 3.214 min Scan# 676
Delta R.T. 0.010 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

Tgt Ion: 63 Resp: 6758
Ion Ratio Lower Upper
63 100
65 39.4 22.3 41.3
83 16.1 8.9 16.5

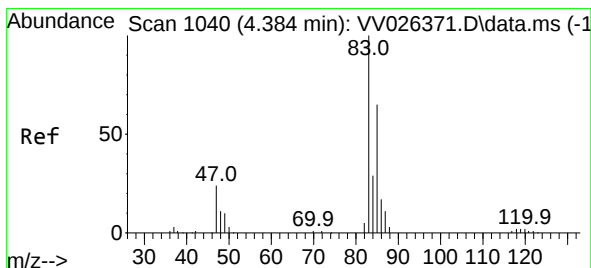
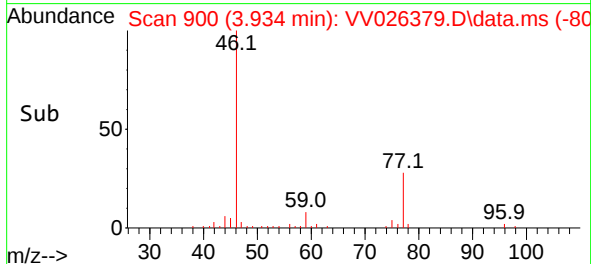
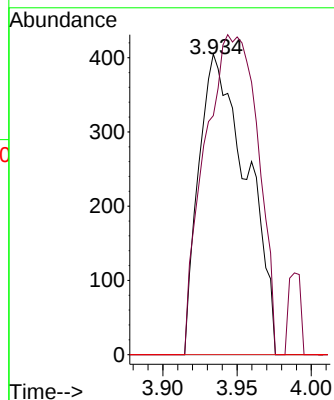
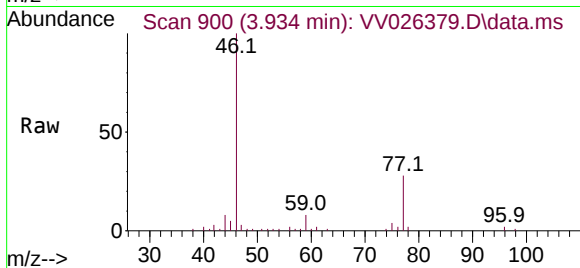




#22
 cis-1,2-Dichloroethene
 Concen: 0.078 ug/L
 RT: 3.934 min Scan# 909
 Delta R.T. 0.010 min
 Lab File: VV026379.D
 Acq: 17 Jun 2022 14:13

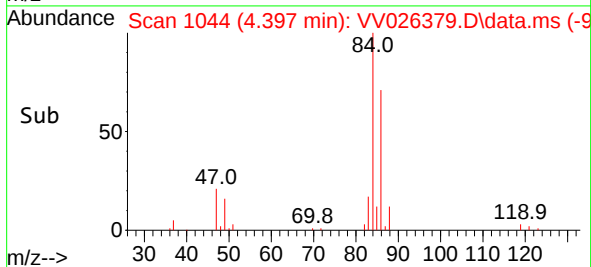
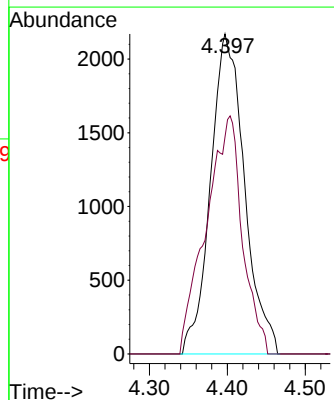
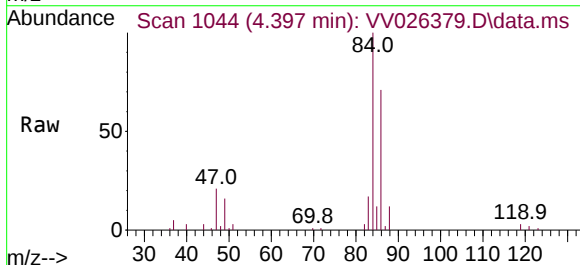
Instrument :
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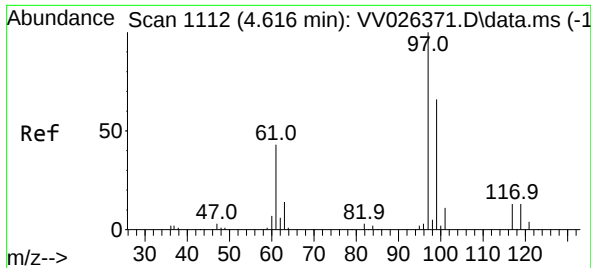
Tgt Ion: 96 Resp: 909
 Ion Ratio Lower Upper
 96 100
 61 79.5 83.6 155.2#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.277 ug/L
 RT: 4.397 min Scan# 1044
 Delta R.T. 0.013 min
 Lab File: VV026379.D
 Acq: 17 Jun 2022 14:13

Tgt Ion: 83 Resp: 6573
 Ion Ratio Lower Upper
 83 100
 85 67.8 46.5 86.3

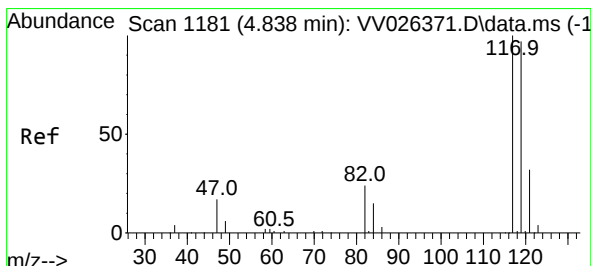
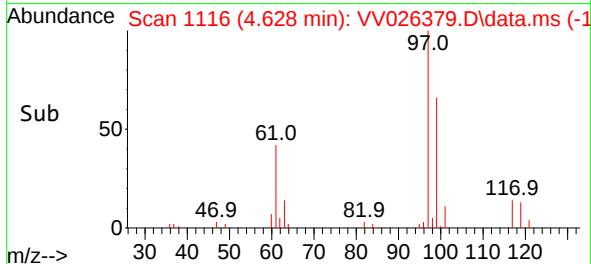
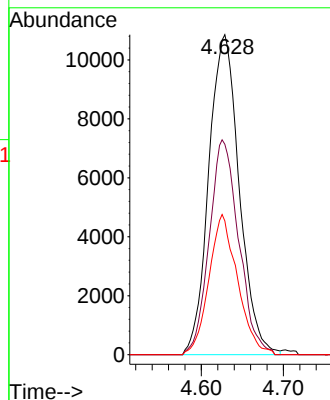
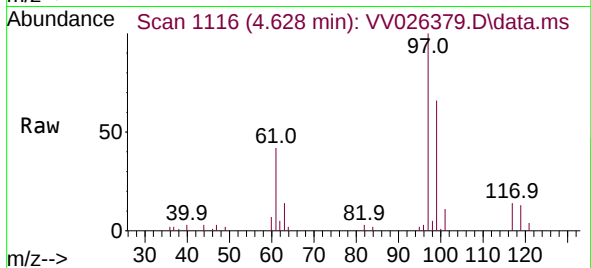




#29
1,1,1-Trichloroethane
Concen: 1.395 ug/L
RT: 4.628 min Scan# 1116
Delta R.T. 0.013 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

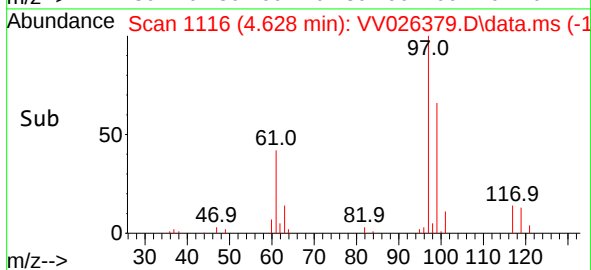
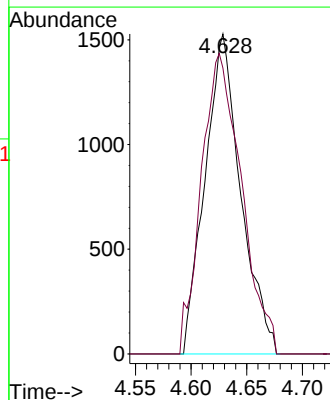
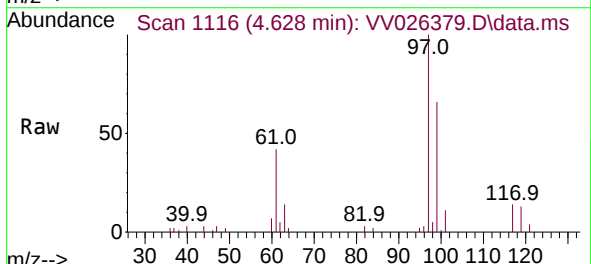
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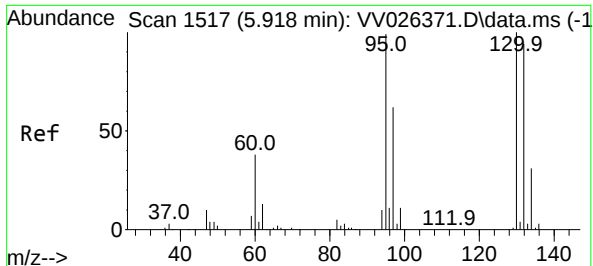
Tgt Ion: 97 Resp: 28012
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 41.1 33.4 50.0



#31
Carbon tetrachloride
Concen: 0.201 ug/L
RT: 4.628 min Scan# 1116
Delta R.T. -0.209 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

Tgt Ion: 117 Resp: 3409
Ion Ratio Lower Upper
117 100
119 105.3 76.2 114.4





#34

Trichloroethene

Concen: 18.179 ug/L

RT: 5.924 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026379.D

Acq: 17 Jun 2022 14:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 231174

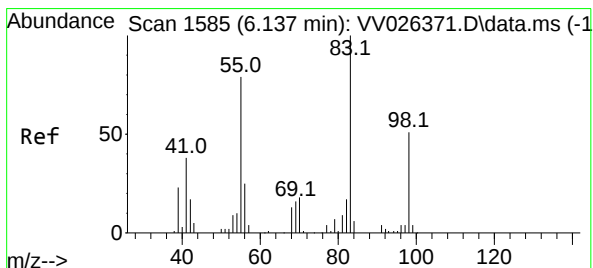
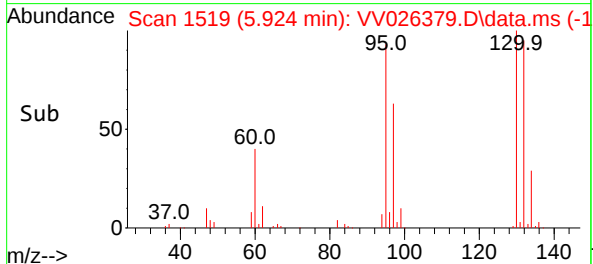
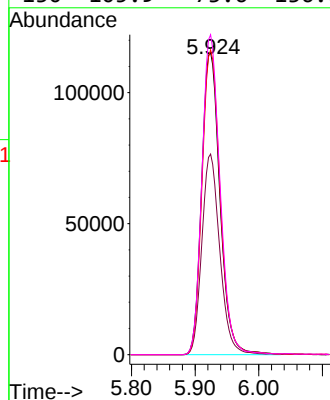
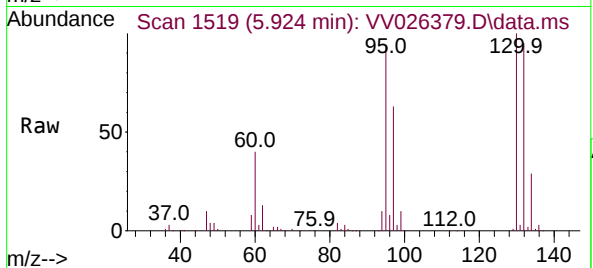
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.3

132 100.8 68.8 127.8

130 105.9 73.6 136.6



#35

Methylcyclohexane

Concen: 0.873 ug/L

RT: 6.082 min Scan# 1568

Delta R.T. -0.055 min

Lab File: VV026379.D

Acq: 17 Jun 2022 14:13

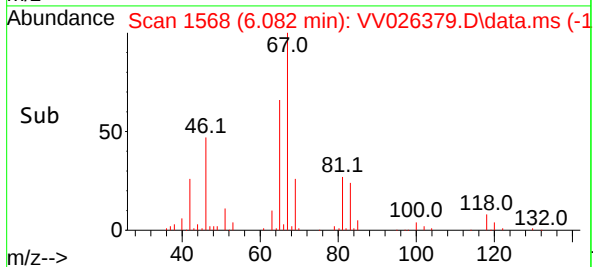
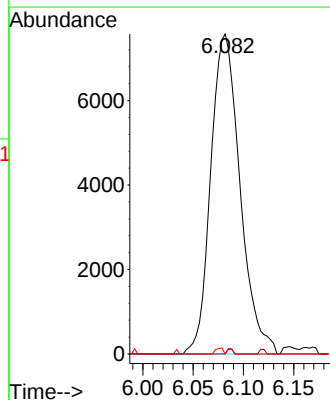
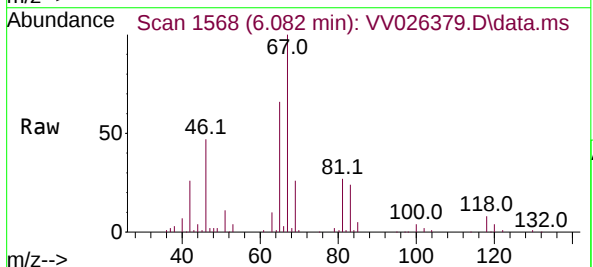
Tgt Ion: 83 Resp: 15354

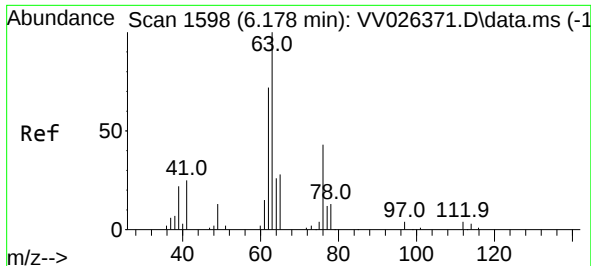
Ion Ratio Lower Upper

83 100

55 0.3 59.3 88.9#

98 0.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.082 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026379.D

Acq: 17 Jun 2022 14:13

Instrument :

MSVOA_V

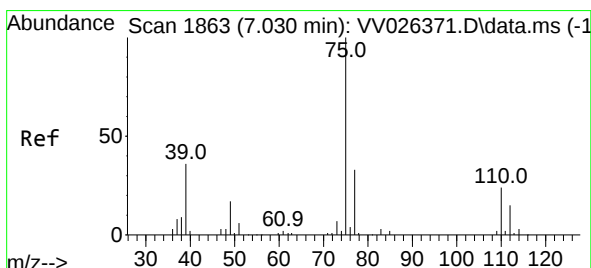
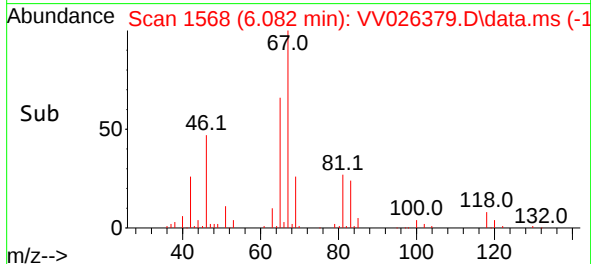
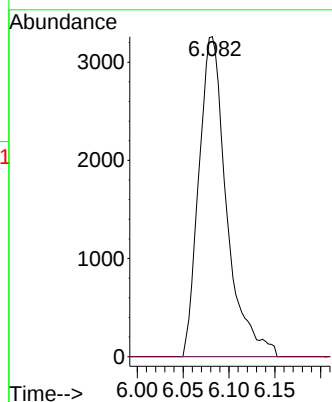
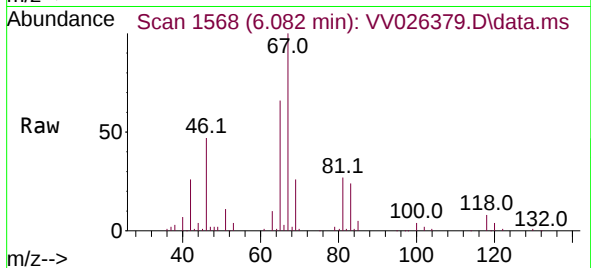
ClientSampleId :

Tgt Ion: 63 Resp: 6873

Ion Ratio Lower Upper

63 100

112 2.1 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026379.D

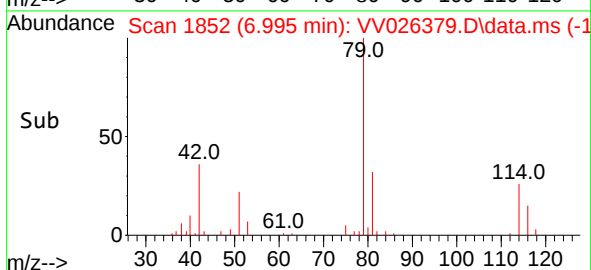
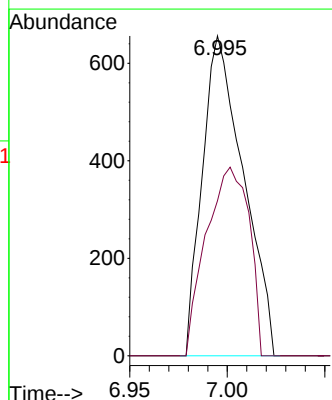
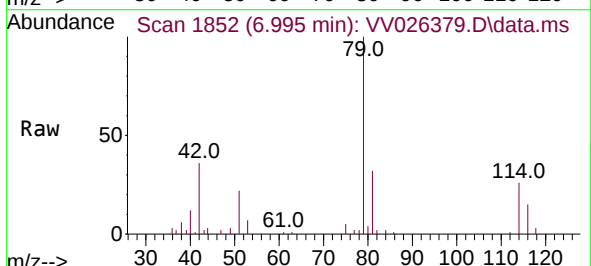
Acq: 17 Jun 2022 14:13

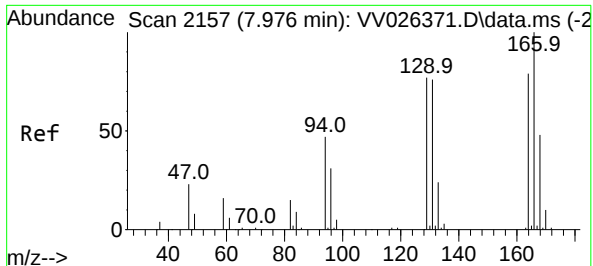
Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

75 100

77 48.5 23.0 42.6#





#47

Tetrachloroethene

Concen: 0.699 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026379.D

Acq: 17 Jun 2022 14:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 6587

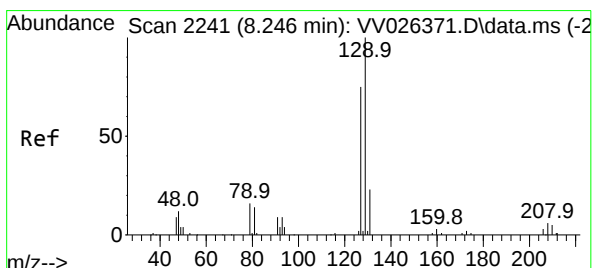
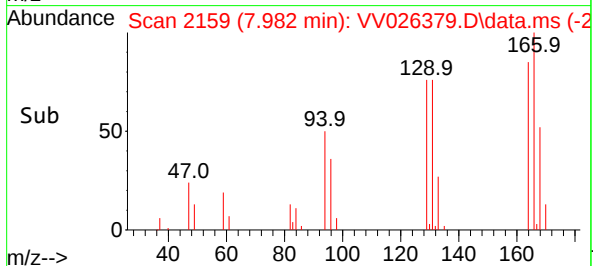
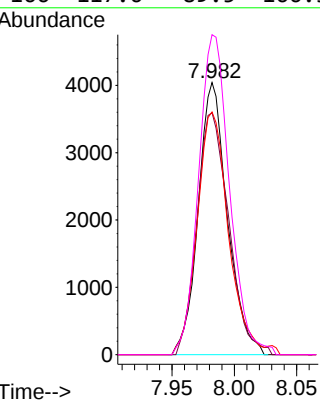
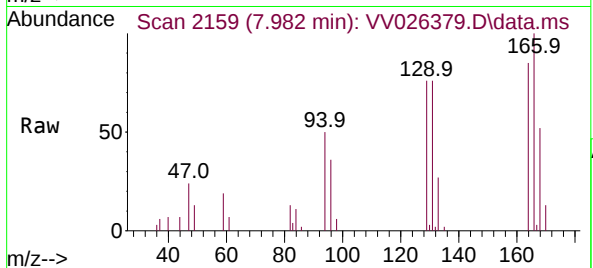
Ion Ratio Lower Upper

164 100

129 88.9 67.5 125.3

131 89.1 63.8 118.4

166 117.6 89.5 166.3



#49

Dibromochloromethane

Concen: 0.724 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026379.D

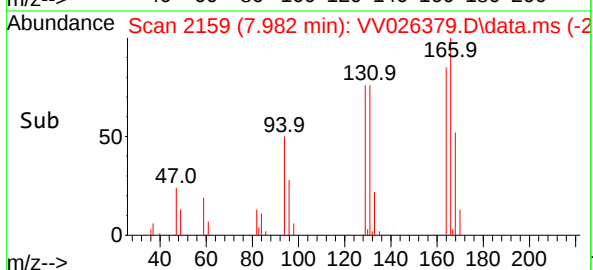
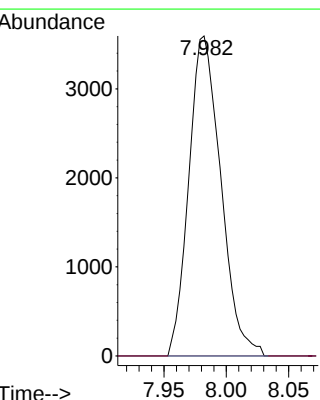
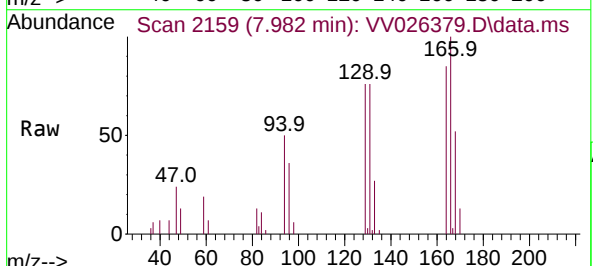
Acq: 17 Jun 2022 14:13

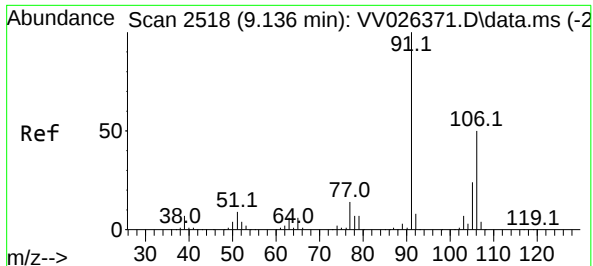
Tgt Ion:129 Resp: 6412

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

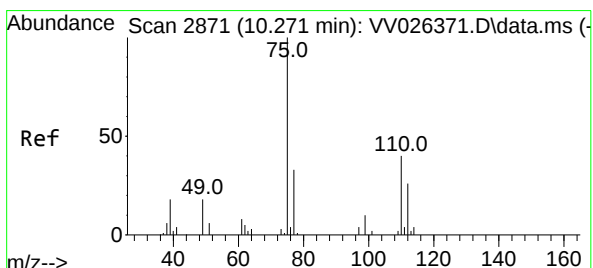
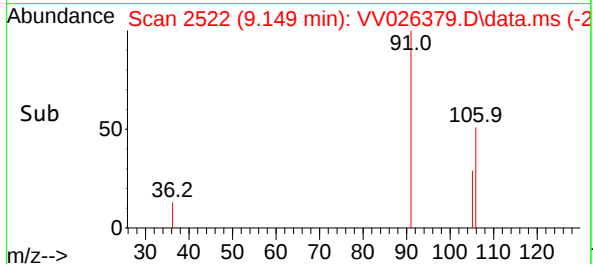
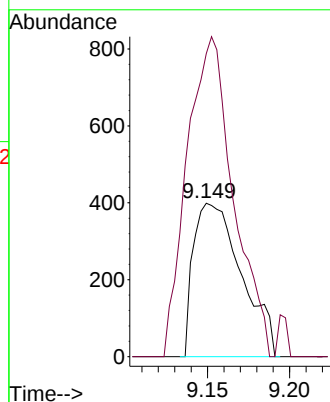
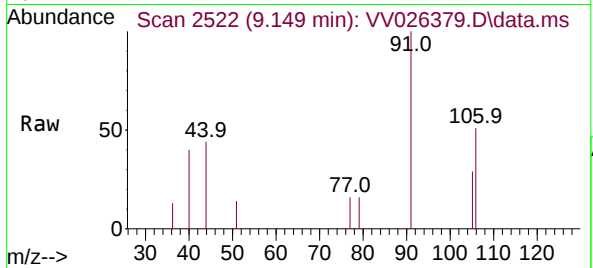




#53
m,p-Xylene
Concen: 0.042 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

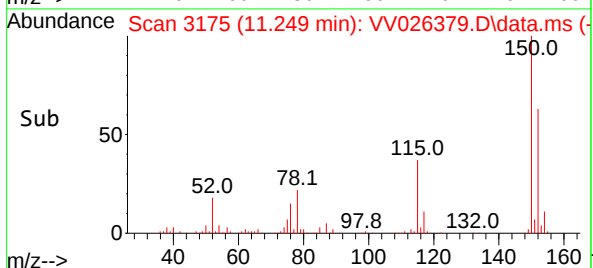
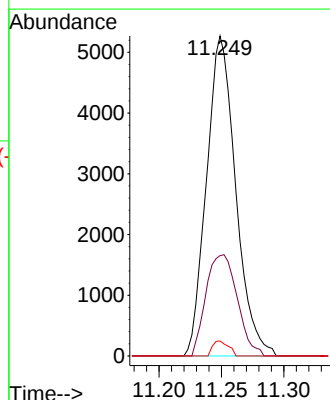
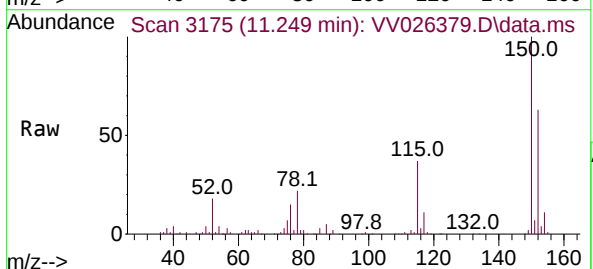
Instrument :
MSVOA_V
ClientSampleId :

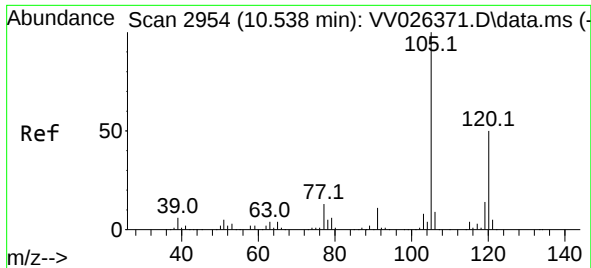
Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 197.5 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 1.765 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026379.D
Acq: 17 Jun 2022 14:13

Tgt Ion: 75 Resp: 8581
Ion Ratio Lower Upper
75 100
77 33.9 26.9 40.3
110 2.5 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.030 ug/L

RT: 10.921 min Scan# 30

Delta R.T. 0.383 min

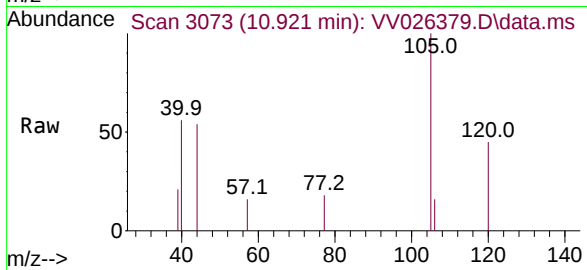
Lab File: VV026379.D

Acq: 17 Jun 2022 14:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 963

Ion Ratio Lower Upper

105 100

120 51.5 39.9 59.9

