

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026123.D
 Acq On : 11 Jun 2022 12:33
 Operator : SY/MD
 Sample : N3247-04DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:17:46 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	5.622	114	182205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	47124	4.406	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.580	69	56469	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.121	63	80090	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.918	46	89561	56.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.240%
24) Chloroform-d	4.362	84	113463	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.043	65	49955	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.059	84	213140	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.075	67	69535	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	160612	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.628	79	14836	3.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	72868	42.491	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43409	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	55260	4.961	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	3155	0.150	ug/L #	62
8) Chloroethane	1.596	64	82485	6.396	ug/L	98
16) Methylene chloride	2.519	84	3355	0.230	ug/L	92
17) Methyl tert-butyl Ether	2.783	73	876	0.037	ug/L #	76
18) trans-1,2-Dichloroethene	2.780	96	1658	0.120	ug/L	96
19) 1,1-Dichloroethane	3.204	63	157115	6.250	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	7840	0.576	ug/L	88
29) 1,1,1-Trichloroethane	4.619	97	51141	2.201	ug/L	100
31) Carbon tetrachloride	4.622	117	6991	0.366	ug/L	97
34) Trichloroethene	5.921	95	25256	1.737	ug/L	99
35) Methylcyclohexane	6.072	83	16828	0.751	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	8007	0.594	ug/L #	86
47) Tetrachloroethene	7.979	164	1855	0.165	ug/L	95
49) Dibromochloromethane	7.982	129	1977	0.207	ug/L #	9
60) Isopropylbenzene	9.934	105	8953	0.185	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	9126	1.606	ug/L #	63
71) Naphthalene	13.509	128	4000	0.227	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061122\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 13 01:17:46 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

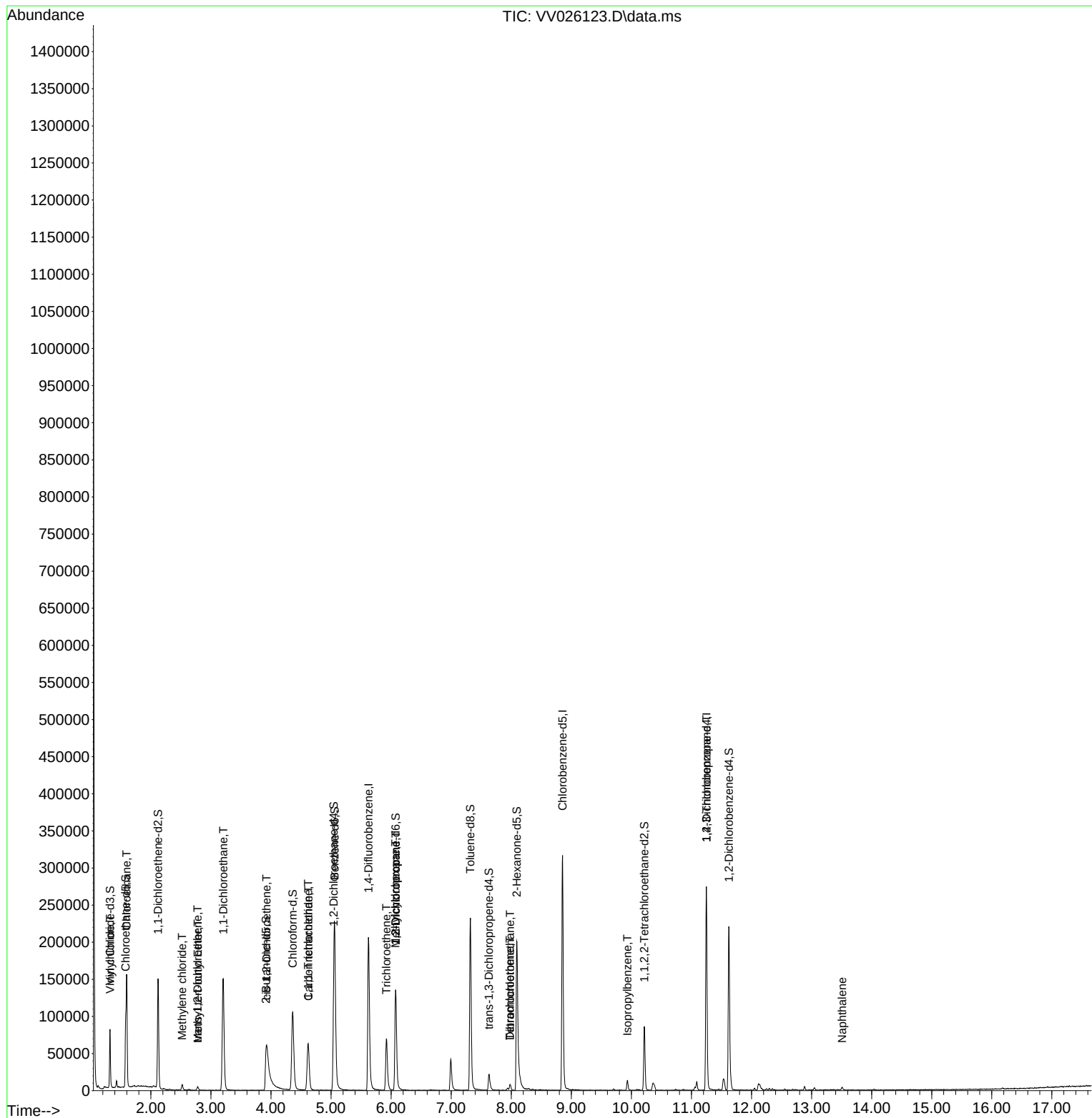
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

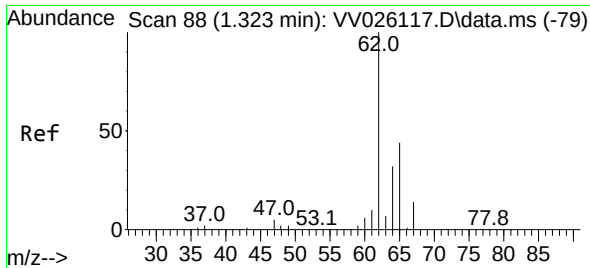
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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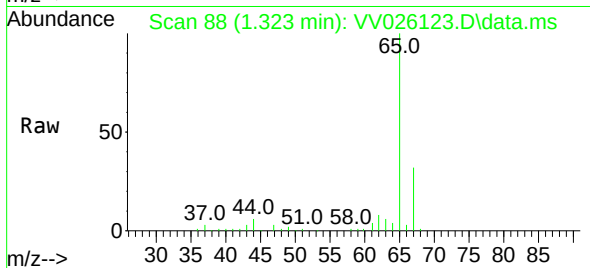
Quant Time: Jun 13 01:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
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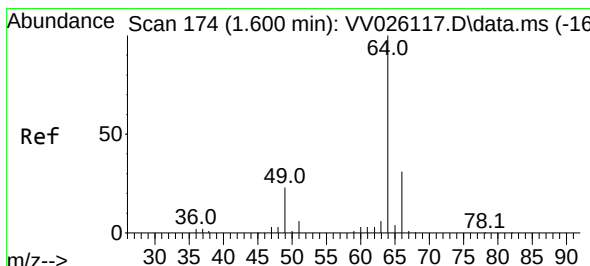
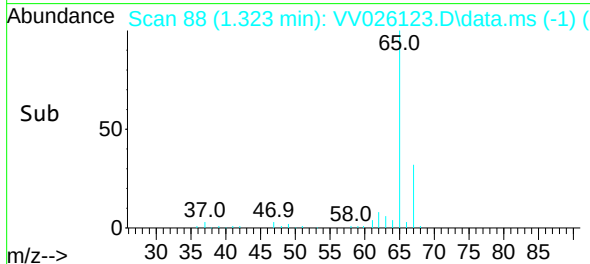
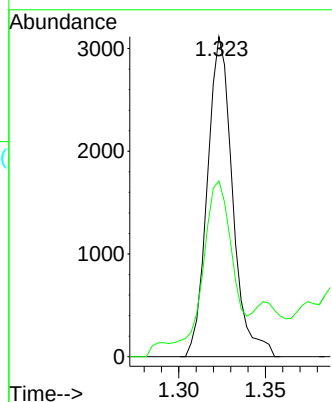


#5
 Vinyl chloride
 Concen: 0.150 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026123.D
 Acq: 11 Jun 2022 12:33

Instrument :
 MSVOA_V
 ClientSampleId :

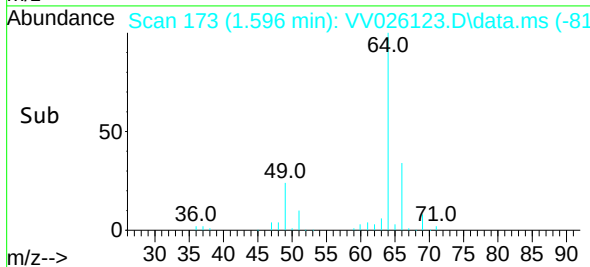
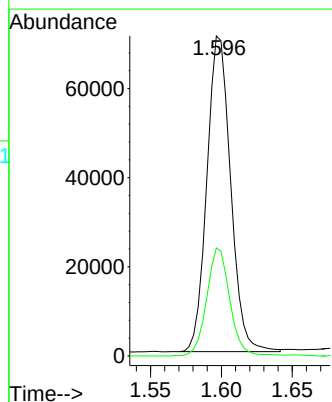
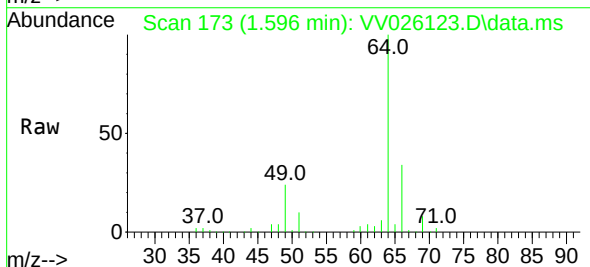


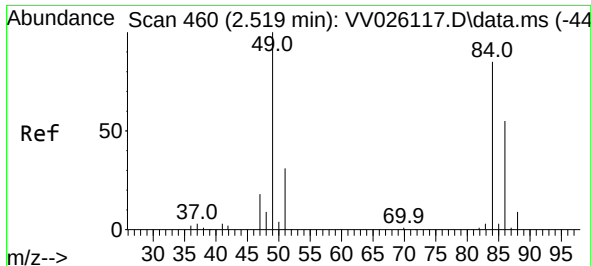
Tgt Ion: 62 Resp: 3155
 Ion Ratio Lower Upper
 62 100
 64 55.0 23.4 43.4#



#8
 Chloroethane
 Concen: 6.396 ug/L
 RT: 1.596 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VV026123.D
 Acq: 11 Jun 2022 12:33

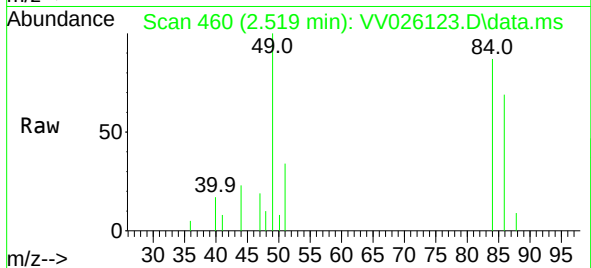
Tgt Ion: 64 Resp: 82485
 Ion Ratio Lower Upper
 64 100
 66 33.8 23.0 42.8





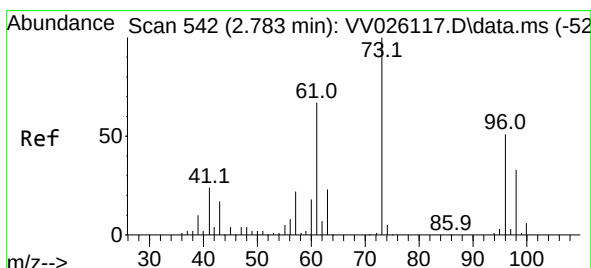
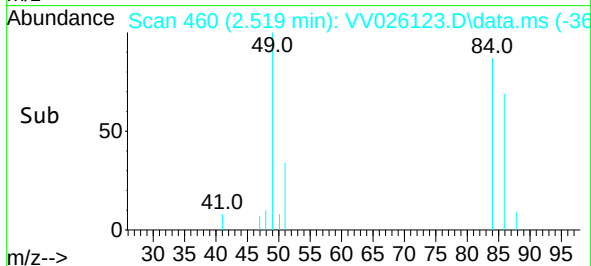
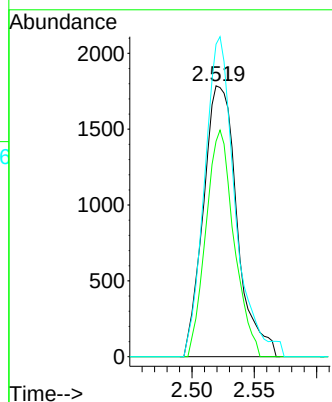
#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.000 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3355

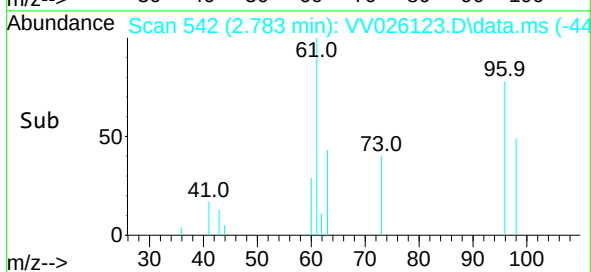
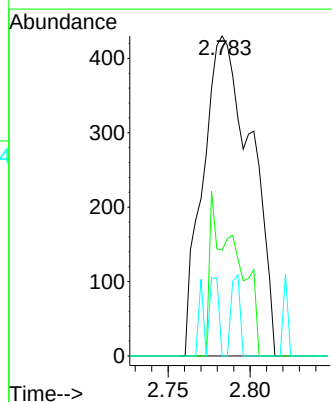
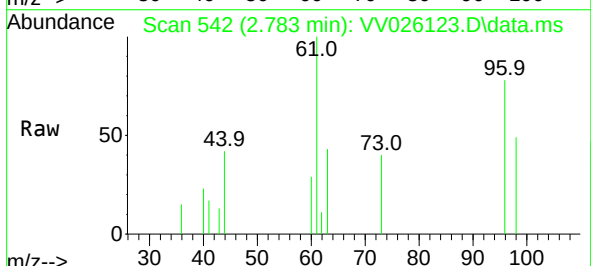
Ion	Ratio	Lower	Upper
84	100		
86	79.5	45.6	84.6
49	115.3	82.9	153.9

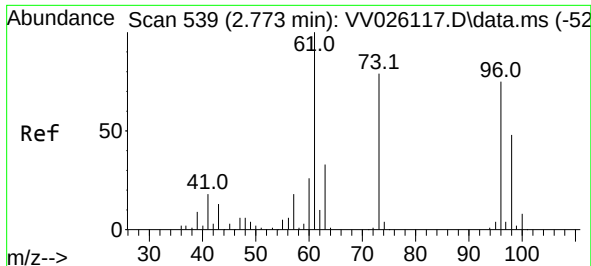


#17
Methyl tert-butyl Ether
Concen: 0.037 ug/L
RT: 2.783 min Scan# 542
Delta R.T. -0.000 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

Tgt Ion: 73 Resp: 876

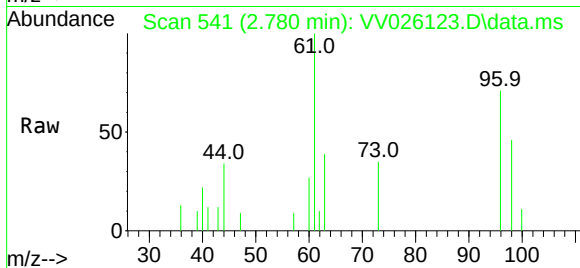
Ion	Ratio	Lower	Upper
73	100		
43	11.2	13.7	20.5#
57	6.8	17.8	26.6#





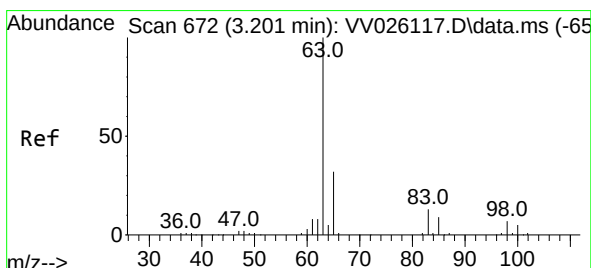
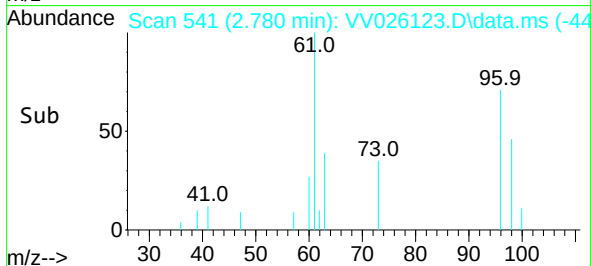
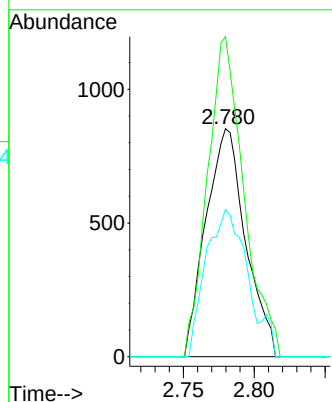
#18
 trans-1,2-Dichloroethene
 Concen: 0.120 ug/L
 RT: 2.780 min Scan# 541
 Delta R.T. 0.006 min
 Lab File: VV026123.D
 Acq: 11 Jun 2022 12:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1658

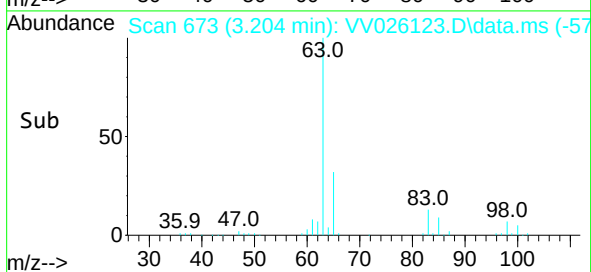
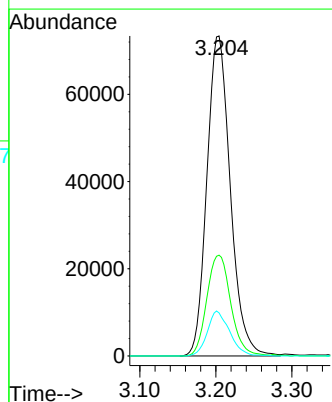
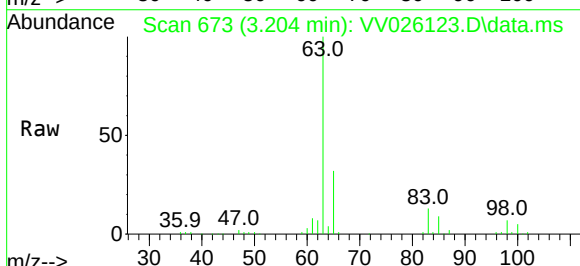
Ion	Ratio	Lower	Upper
96	100		
61	140.3	94.3	175.1
98	64.6	44.4	82.5

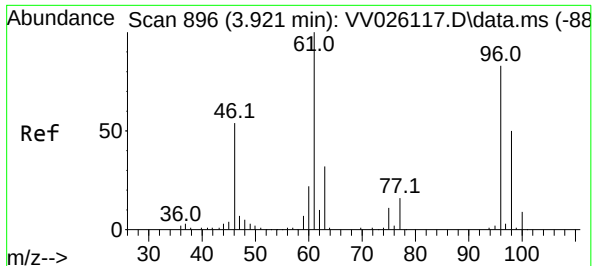


#19
 1,1-Dichloroethane
 Concen: 6.250 ug/L
 RT: 3.204 min Scan# 673
 Delta R.T. 0.003 min
 Lab File: VV026123.D
 Acq: 11 Jun 2022 12:33

Tgt Ion: 63 Resp: 157115

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.1	42.9
83	13.5	9.7	18.1





#22

cis-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 3.928 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

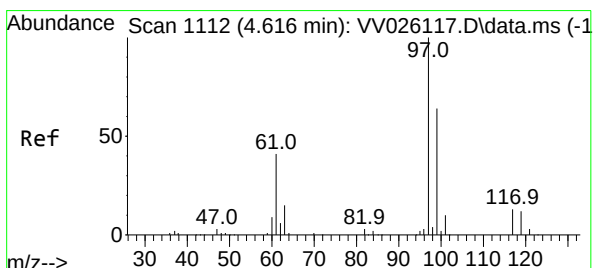
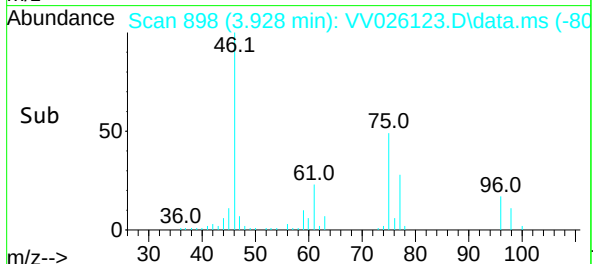
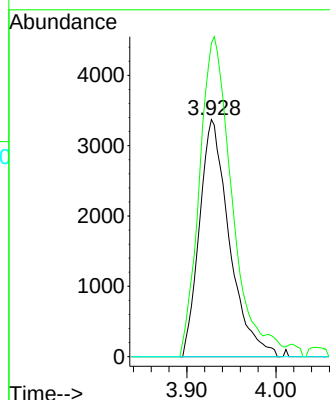
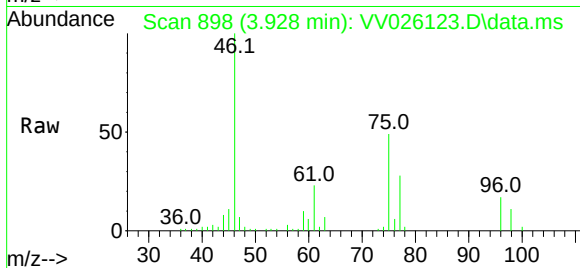
Tgt Ion: 96 Resp: 7840

Ion Ratio Lower Upper

96 100

61 132.1 83.1 154.3

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 2.201 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.003 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

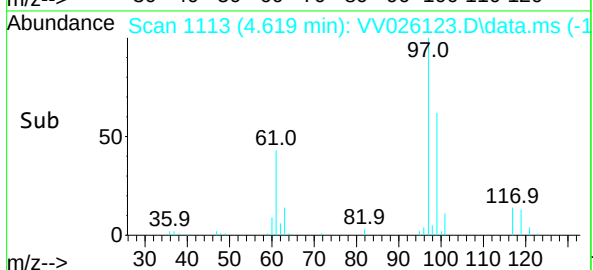
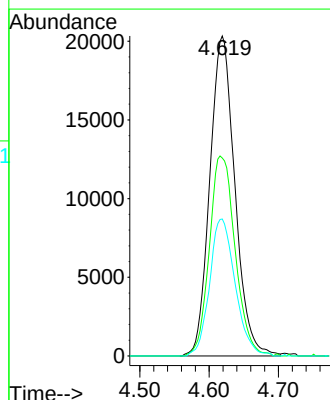
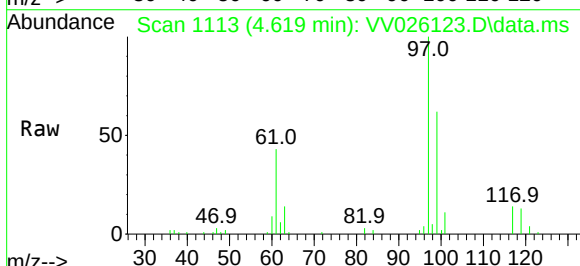
Tgt Ion: 97 Resp: 51141

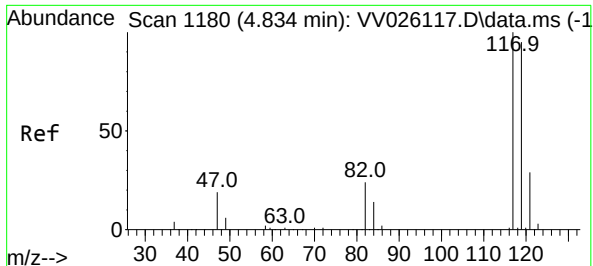
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 43.6 34.9 52.3

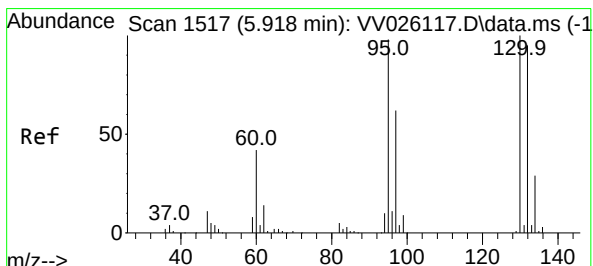
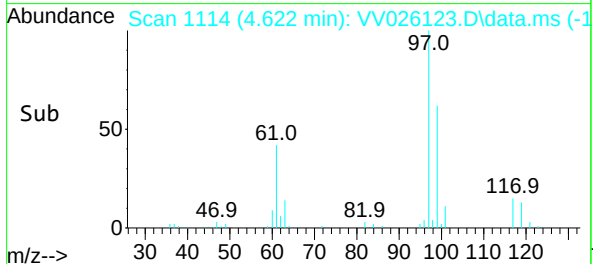
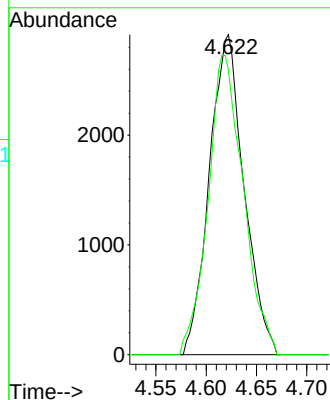
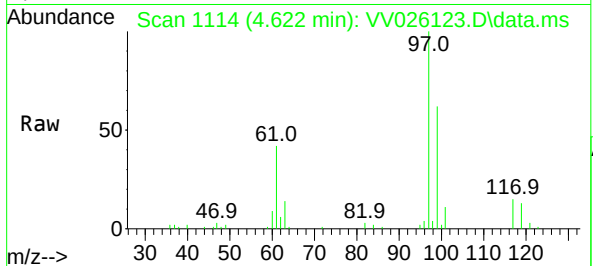




#31
Carbon tetrachloride
Concen: 0.366 ug/L
RT: 4.622 min Scan# 1180
Delta R.T. -0.212 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

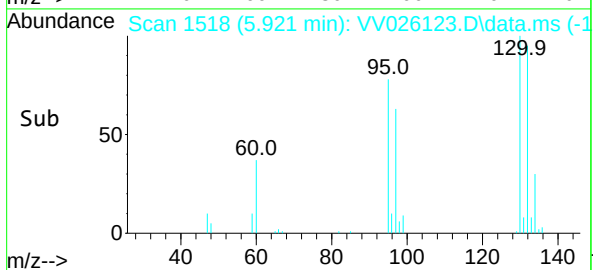
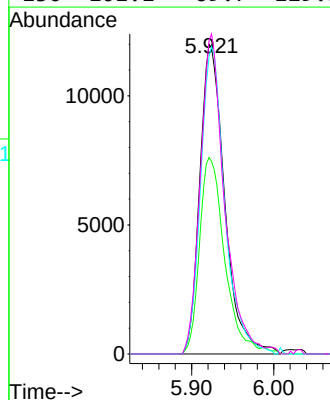
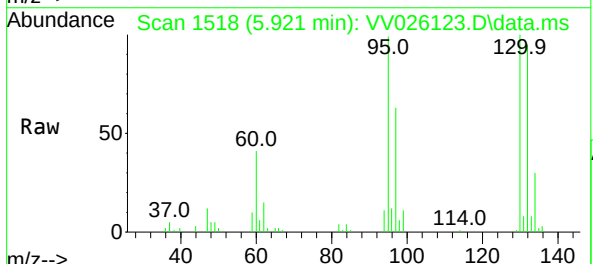
Instrument :
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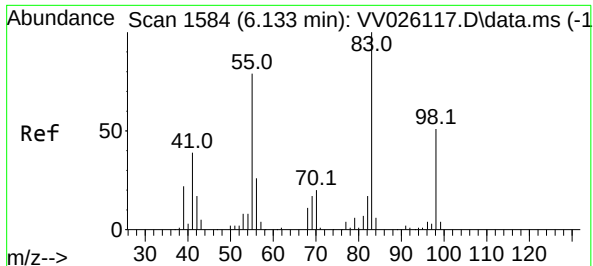
Tgt Ion:117 Resp: 6991
Ion Ratio Lower Upper
117 100
119 95.1 78.7 118.1



#34
Trichloroethene
Concen: 1.737 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

Tgt Ion: 95 Resp: 25256
Ion Ratio Lower Upper
95 100
97 63.5 44.0 81.6
132 95.9 67.5 125.4
130 101.1 69.7 129.5





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026123.D

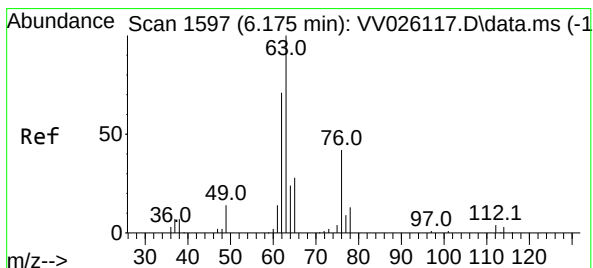
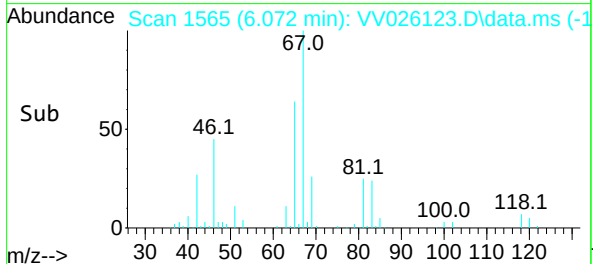
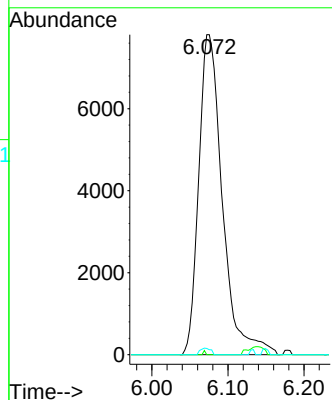
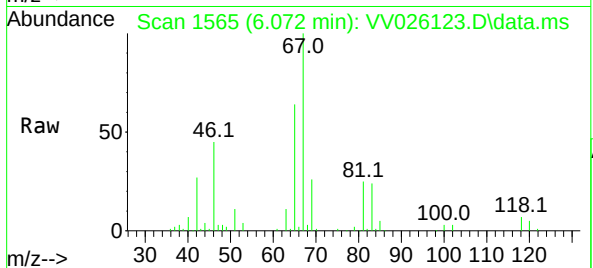
Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16828
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: 0.594 ug/L

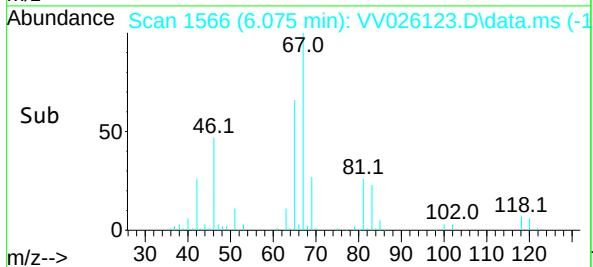
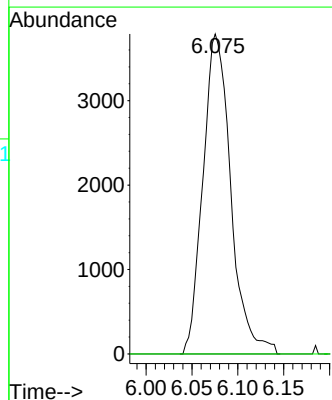
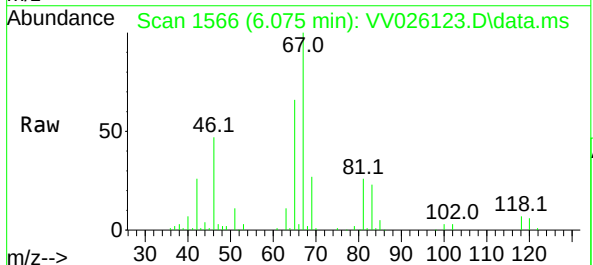
RT: 6.075 min Scan# 1566

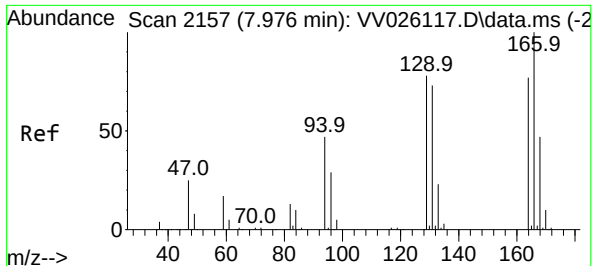
Delta R.T. -0.100 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Tgt Ion: 63	Resp: 8007
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

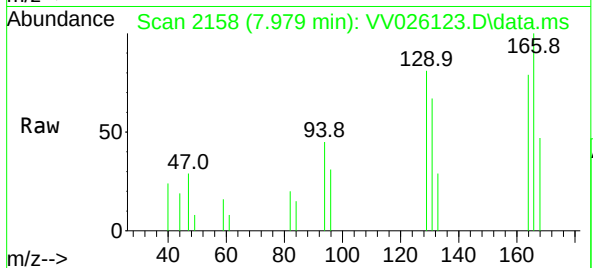
Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1855

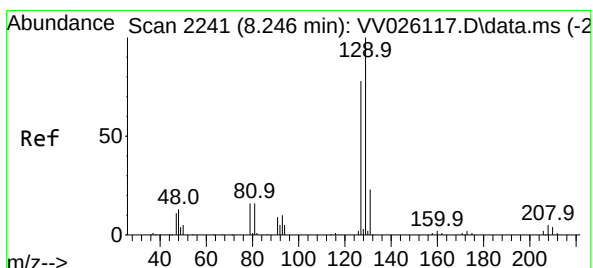
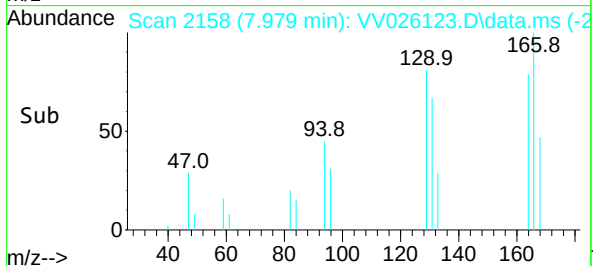
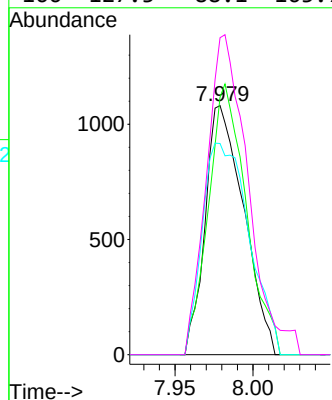
Ion Ratio Lower Upper

164 100

129 103.4 68.3 126.9

131 84.8 66.5 123.5

166 127.3 88.1 163.7



#49

Dibromochloromethane

Concen: 0.207 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026123.D

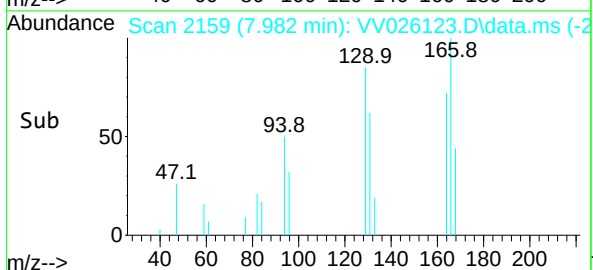
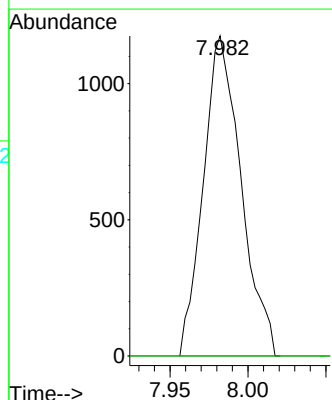
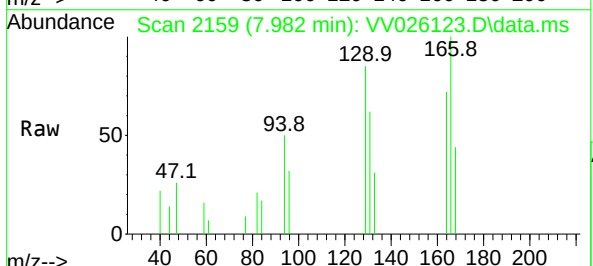
Acq: 11 Jun 2022 12:33

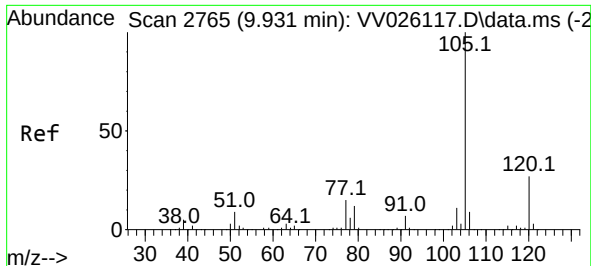
Tgt Ion:129 Resp: 1977

Ion Ratio Lower Upper

129 100

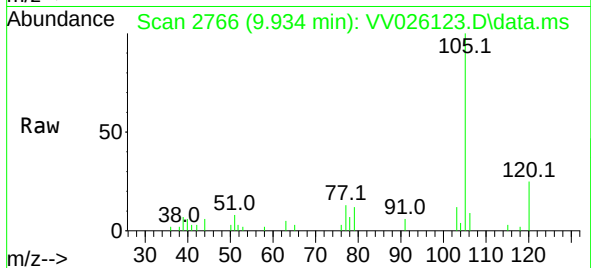
127 0.0 55.9 103.7#



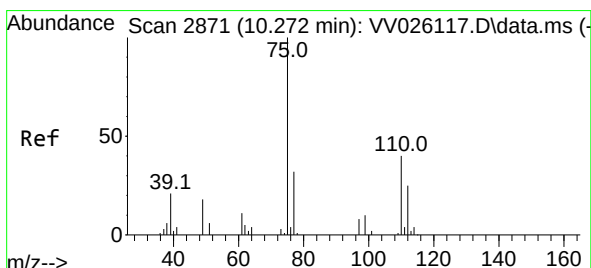
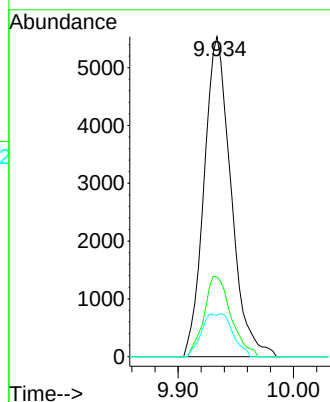
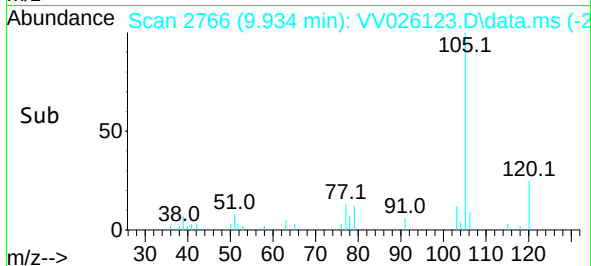


#60
Isopropylbenzene
Concen: 0.185 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

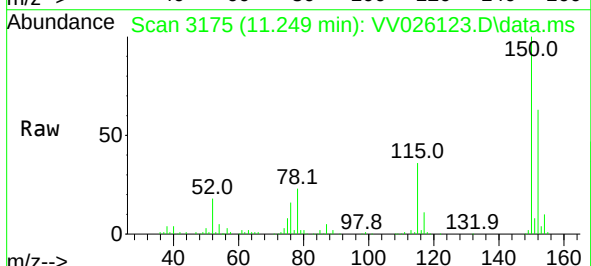
Instrument :
MSVOA_V
ClientSampleId :



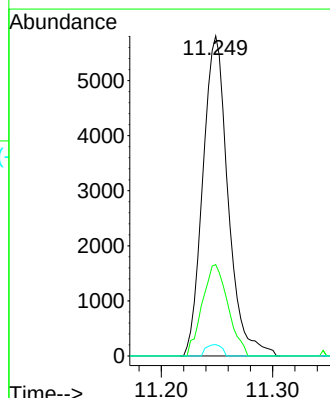
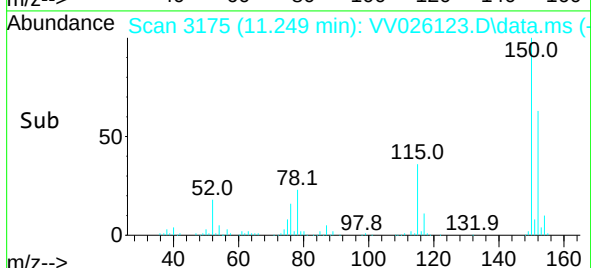
Tgt Ion:105 Resp: 8953
Ion Ratio Lower Upper
105 100
120 25.1 21.3 31.9
77 15.4 12.4 18.6

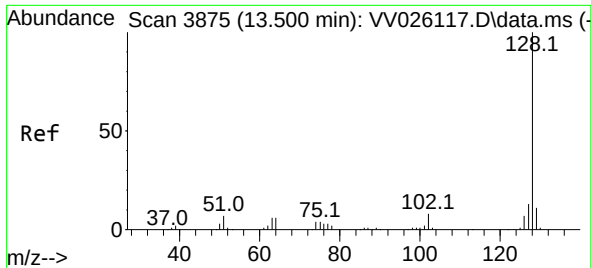


#61
1,2,3-Trichloropropane
Concen: 1.606 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33



Tgt Ion: 75 Resp: 9126
Ion Ratio Lower Upper
75 100
77 29.2 26.6 40.0
110 2.2 32.0 48.0#





#71

Naphthalene

Concen: 0.227 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.009 min

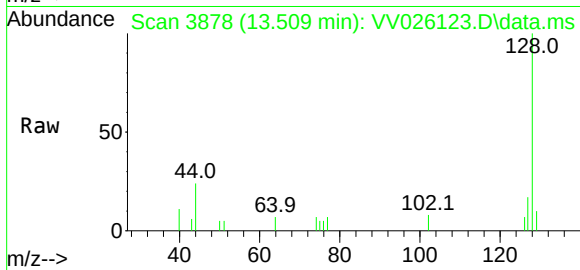
Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 4000

Ion Ratio Lower Upper

128 100

129 8.4 8.7 13.1#

127 16.1 10.3 15.5#

