

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021363.D
 Acq On : 21 May 2021 16:58
 Operator : SY/MD
 Sample : M2494-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	278080	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	259887	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80640	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.568	69	66276	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.108	63	121691	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.896	46	228053	47.05	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.352	84	167766	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.037	65	82082	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.053	84	347817	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.072	67	108714	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.320	98	321049	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloroprop...	7.625	79	44783	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.088	63	150900	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60859	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	132021	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	37002	2.41	ug/L #	58
13) Acetone	2.185	43	4911	1.87	ug/L	84
19) 1,1-Dichloroethane	3.195	63	20954	0.63	ug/L	97
25) Chloroform	4.378	83	5017	0.14	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	532992	16.71	ug/L	97
31) Carbon tetrachloride	4.609	117	72425	2.54	ug/L	100
34) Trichloroethene	5.921	95	2272	0.10	ug/L	94
35) Methylcyclohexane	6.072	83	26172	0.78	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	11535	0.64	ug/L #	85
42) Toluene	7.403	91	6113	0.07	ug/L	95
47) Tetrachloroethene	7.976	164	100965	5.58	ug/L	96
48) 2-Hexanone	8.143	43	42099	5.10	ug/L #	84
49) Dibromochloromethane	7.976	129	85902	4.75	ug/L #	11
60) Isopropylbenzene	10.924	105	1204	0.01	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	14301	1.39	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.924	105	1204	0.02	ug/L	92
63) 1,2,4-Trimethylbenzene	10.924	105	1204	0.02	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.252	75	216	0.11	ug/L #	1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

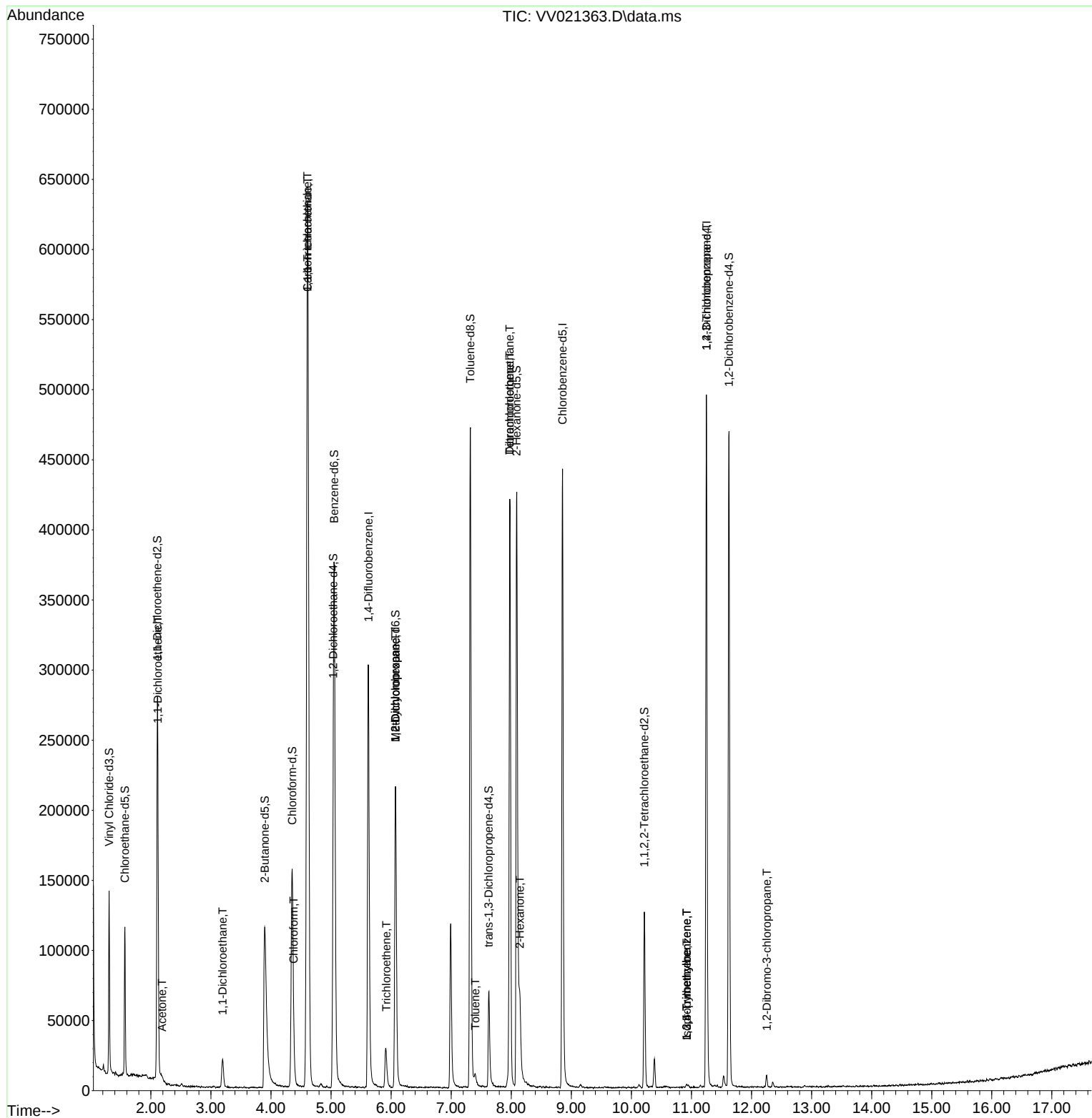
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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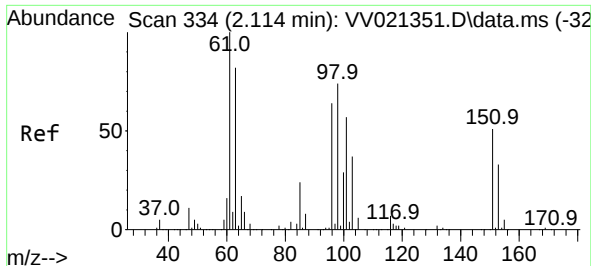
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.41 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021363.D

Acq: 21 May 2021 16:58

Tgt Ion: 96 Resp: 37002

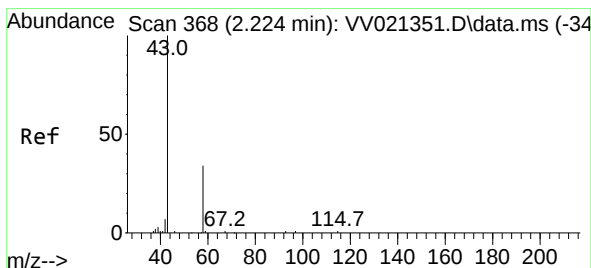
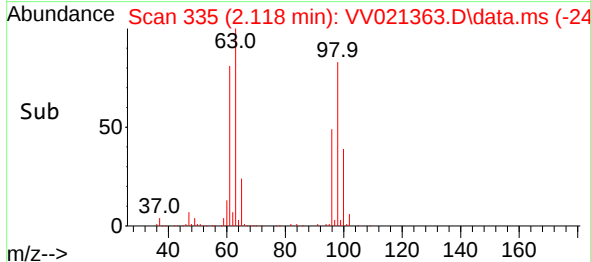
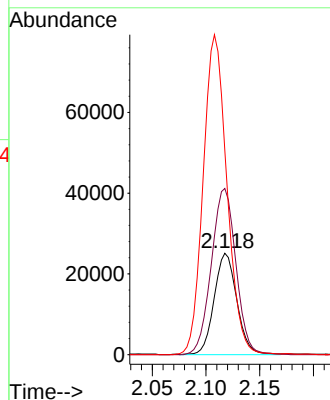
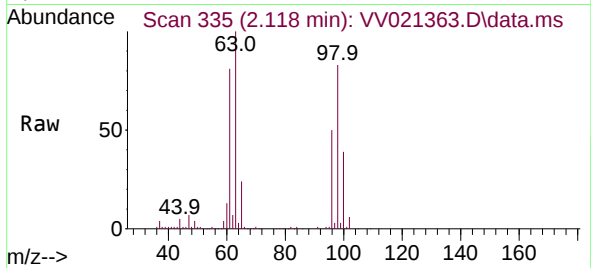
Ion Ratio Lower Upper

96 100

61 163.8 109.8 204.0

63 201.0 71.3 132.3#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 1.87 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.039 min

Lab File: VV021363.D

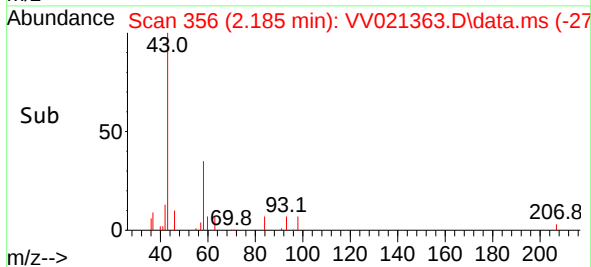
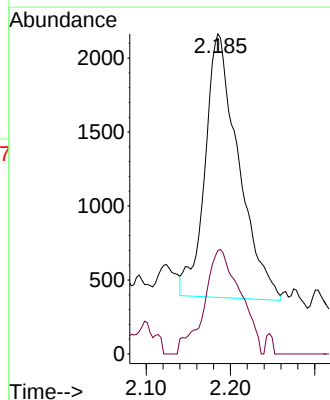
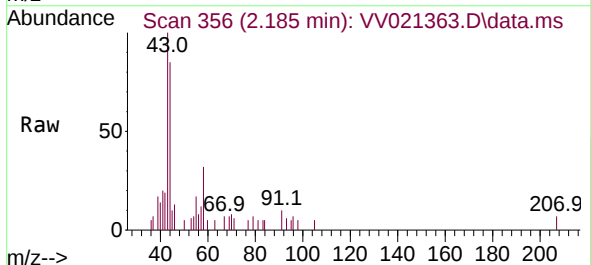
Acq: 21 May 2021 16:58

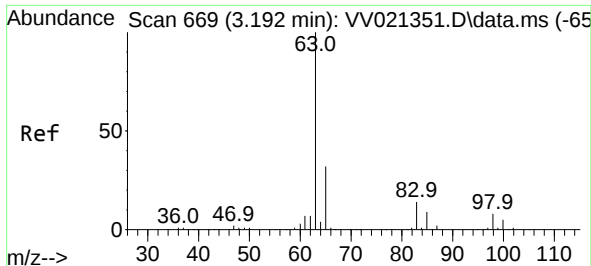
Tgt Ion: 43 Resp: 4911

Ion Ratio Lower Upper

43 100

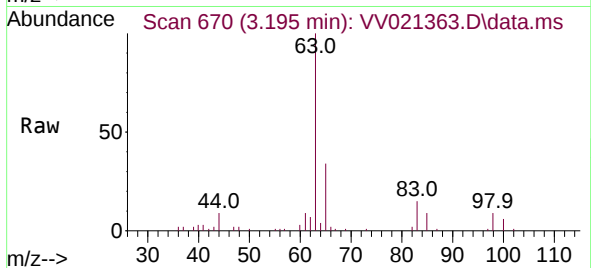
58 42.8 0.0 67.4



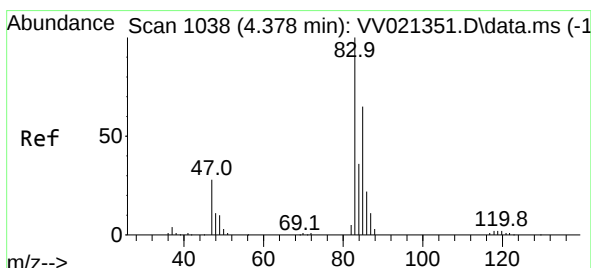
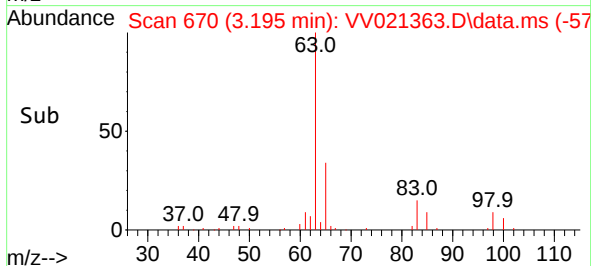
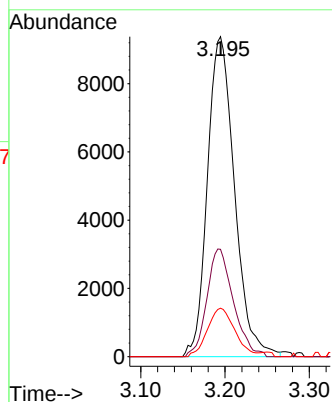


#19
1,1-Dichloroethane
Concen: 0.63 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Instrument :
MSVOA_V
ClientSampled :

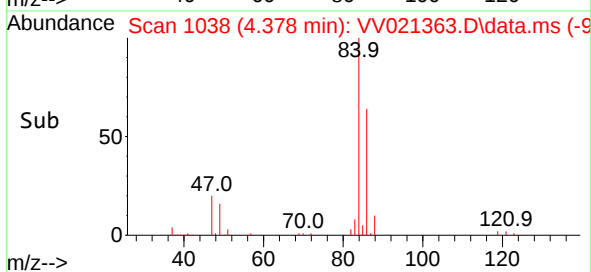
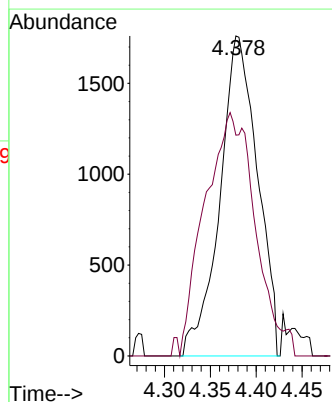
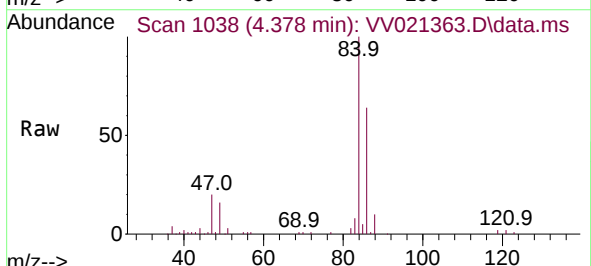


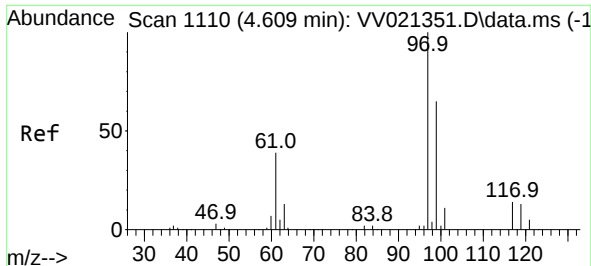
Tgt Ion:	63	Resp:	20954
Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.3	41.5
83	15.1	9.7	17.9



#25
Chloroform
Concen: 0.14 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Tgt Ion:	83	Resp:	5017
Ion	Ratio	Lower	Upper
83	100		
85	69.0	46.4	86.2





#29

1,1,1-Trichloroethane

Concen: 16.71 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV021363.D

Acq: 21 May 2021 16:58

Tgt Ion: 97 Resp: 532992

Ion Ratio Lower Upper

97 100

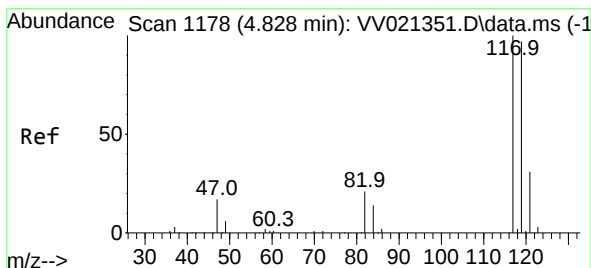
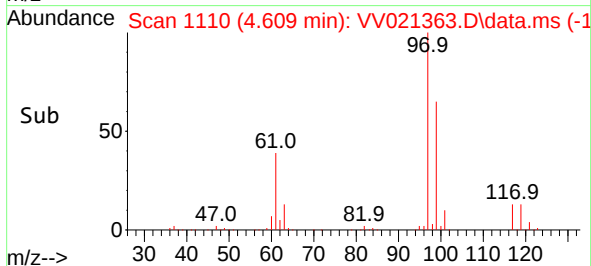
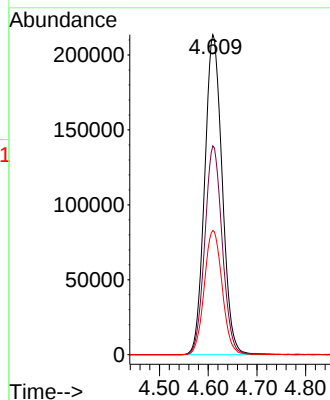
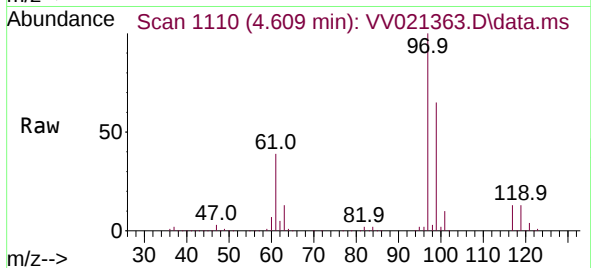
99 65.0 50.6 75.8

61 39.6 33.2 49.8

Instrument :

MSVOA_V

ClientSampleId :



#31

Carbon tetrachloride

Concen: 2.54 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.219 min

Lab File: VV021363.D

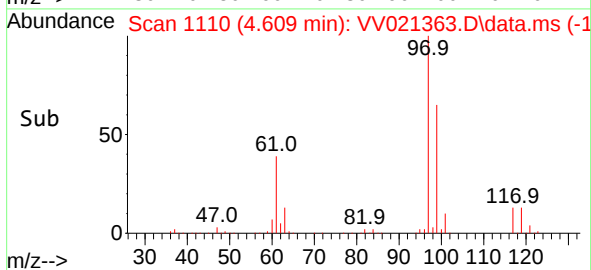
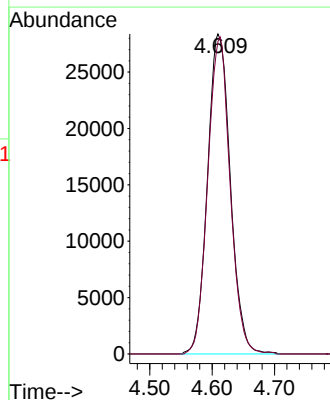
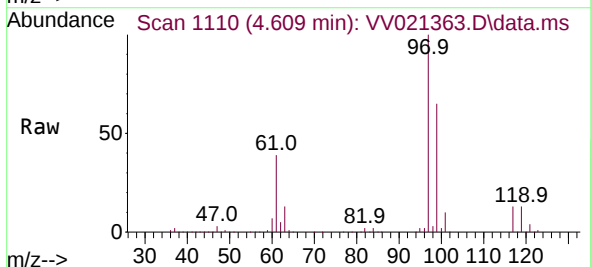
Acq: 21 May 2021 16:58

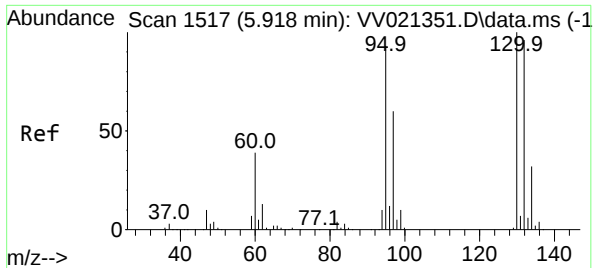
Tgt Ion: 117 Resp: 72425

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.2



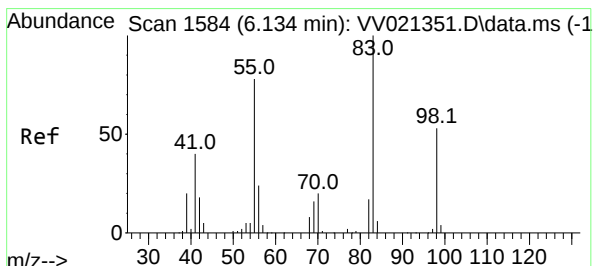
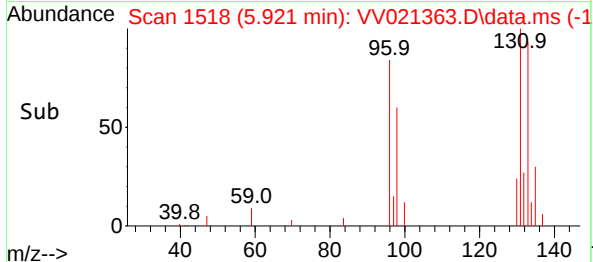
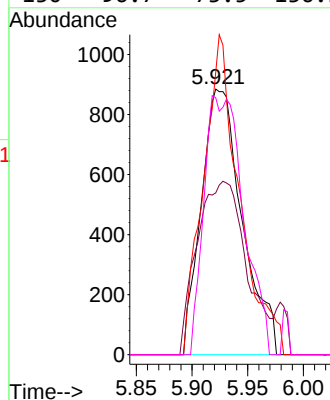
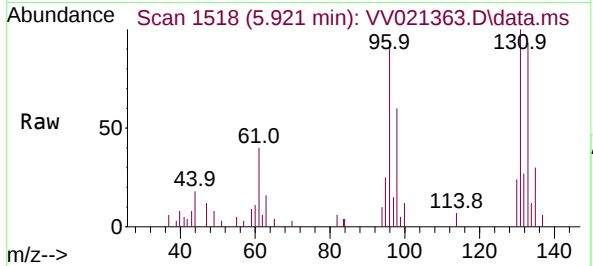


#34
Trichloroethene
Concen: 0.10 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 2272

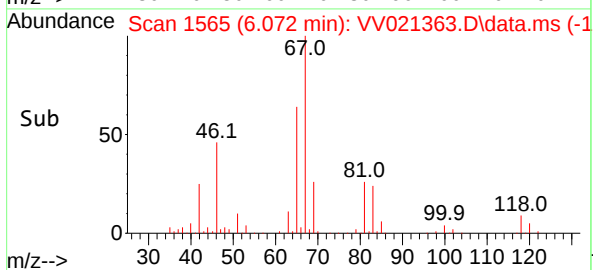
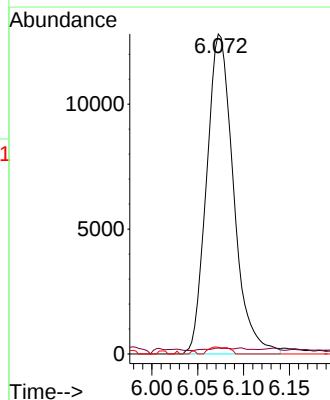
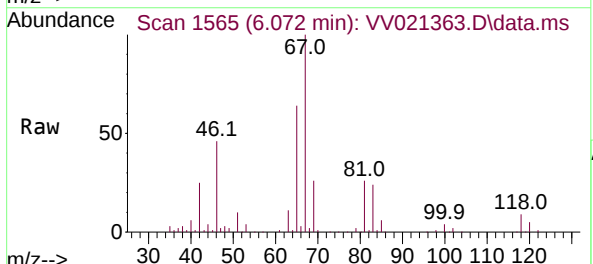
Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.1	83.9
132	106.2	71.5	132.9
130	96.7	73.5	136.5

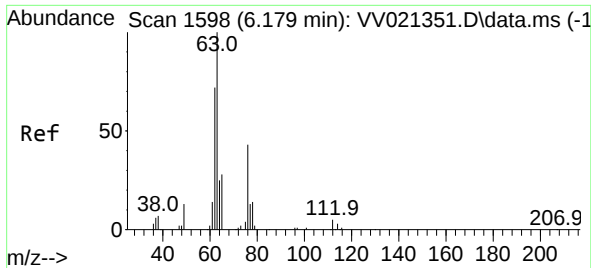


#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Tgt Ion: 83 Resp: 26172

Ion	Ratio	Lower	Upper
83	100		
55	0.7	59.1	88.7#
98	1.7	40.1	60.1#

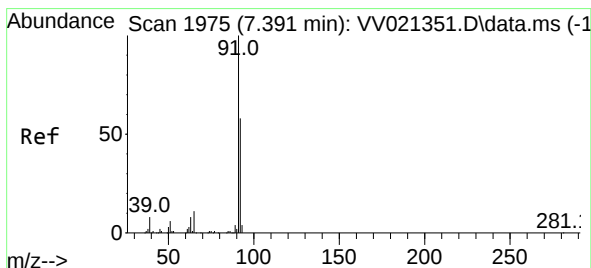
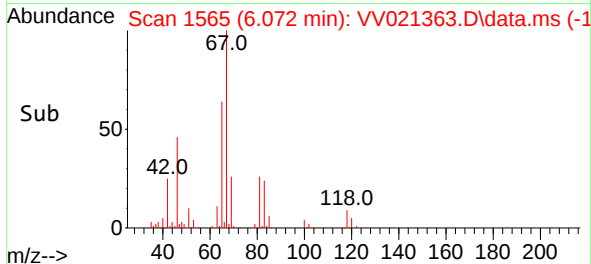
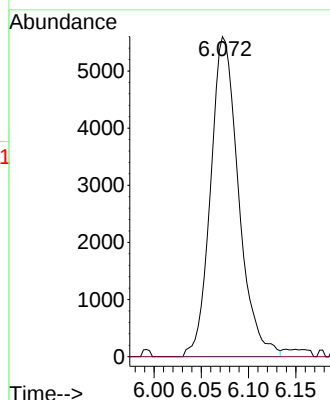
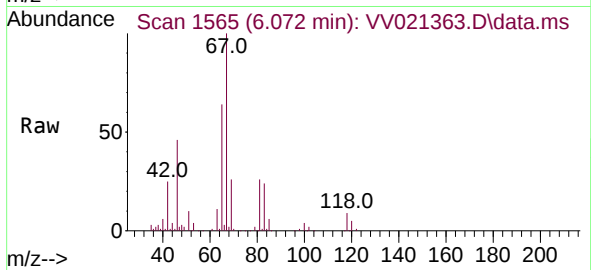




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

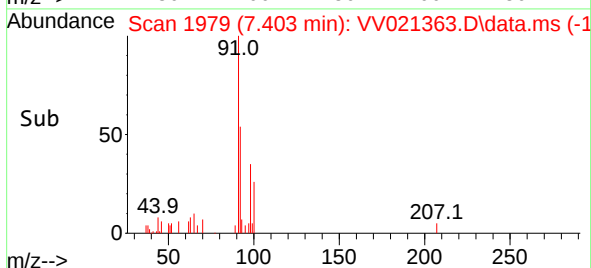
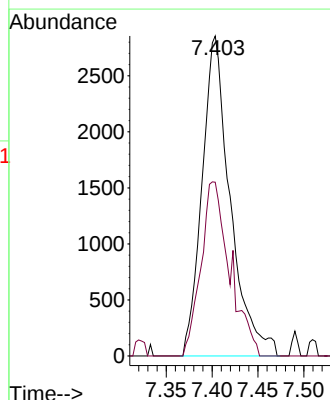
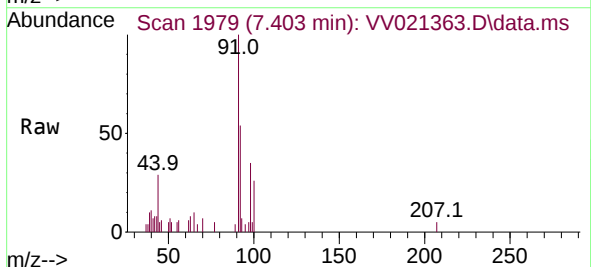
Instrument :
MSVOA_V
ClientSampled :

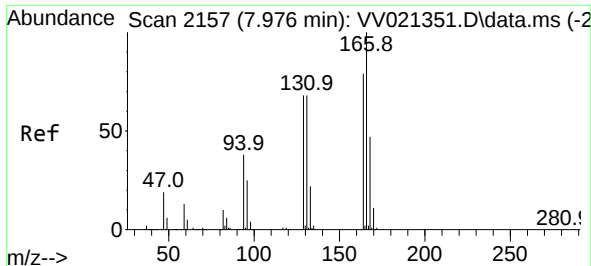
Tgt Ion: 63 Resp: 11535
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.07 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Tgt Ion: 91 Resp: 6113
Ion Ratio Lower Upper
91 100
92 54.3 40.5 75.1





#47

Tetrachloroethene

Concen: 5.58 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021363.D

Acq: 21 May 2021 16:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:164 Resp: 100965

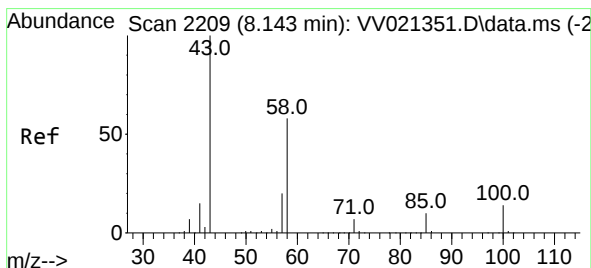
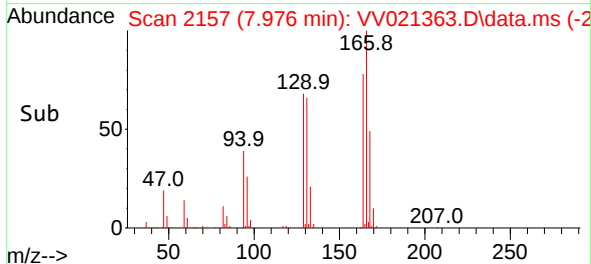
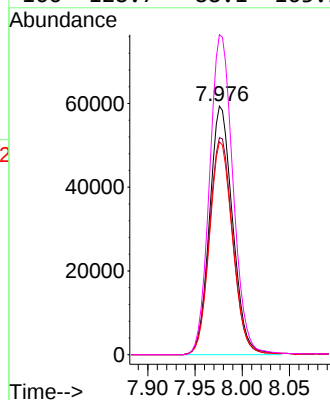
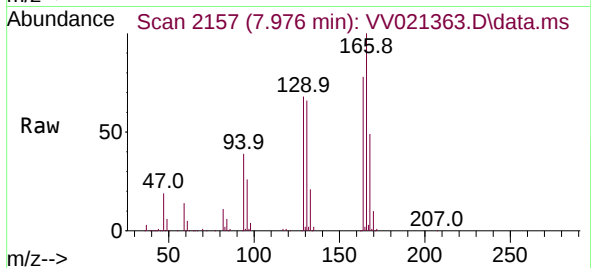
Ion Ratio Lower Upper

164 100

129 87.3 65.0 120.6

131 85.5 61.8 114.8

166 128.7 88.1 163.5



#48

2-Hexanone

Concen: 5.10 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VV021363.D

Acq: 21 May 2021 16:58

Tgt Ion: 43 Resp: 42099

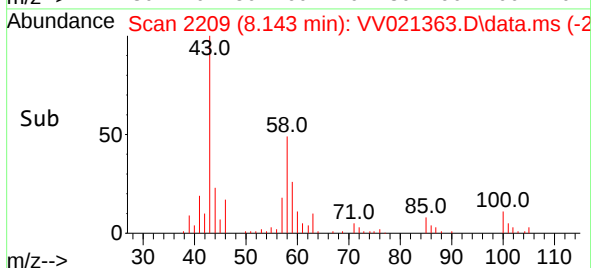
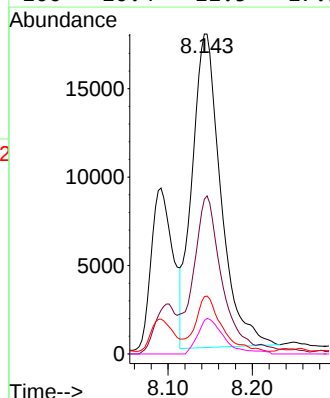
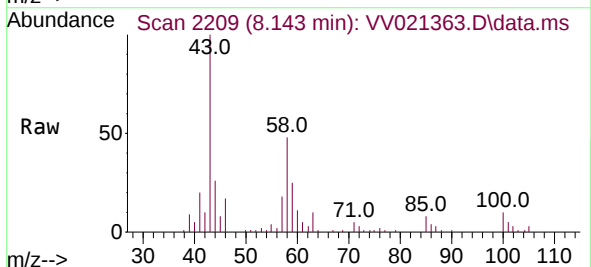
Ion Ratio Lower Upper

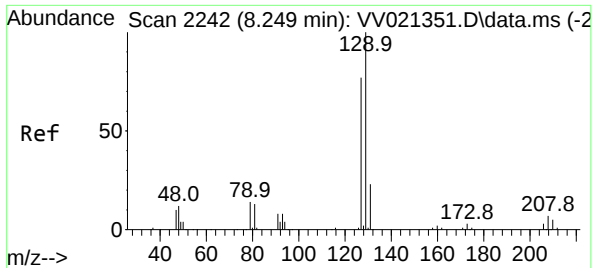
43 100

58 44.8 47.8 71.8#

57 16.3 16.6 24.8#

100 10.4 11.5 17.3#





#49

Dibromochloromethane

Concen: 4.75 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV021363.D

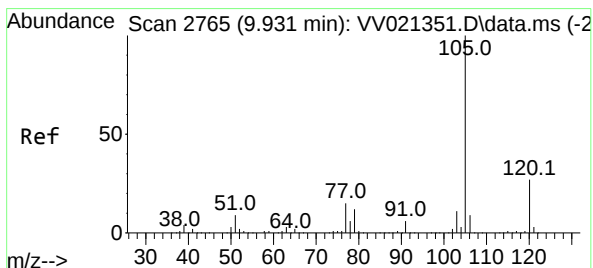
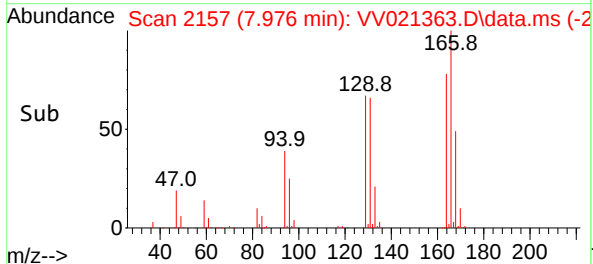
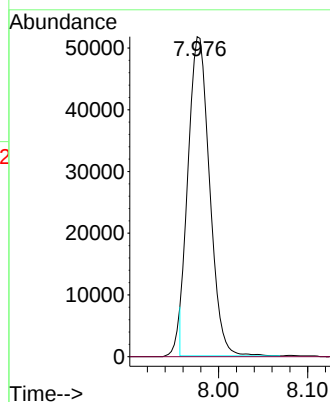
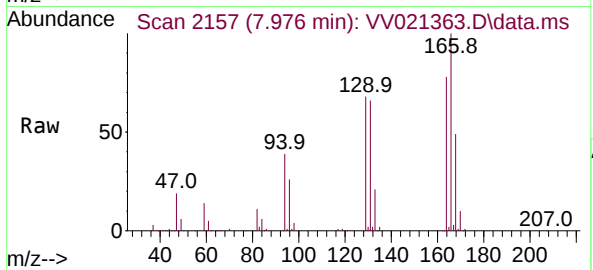
Acq: 21 May 2021 16:58

Tgt Ion:129 Resp: 85902

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#60

Isopropylbenzene

Concen: 0.01 ug/L

RT: 10.924 min Scan# 3074

Delta R.T. 0.993 min

Lab File: VV021363.D

Acq: 21 May 2021 16:58

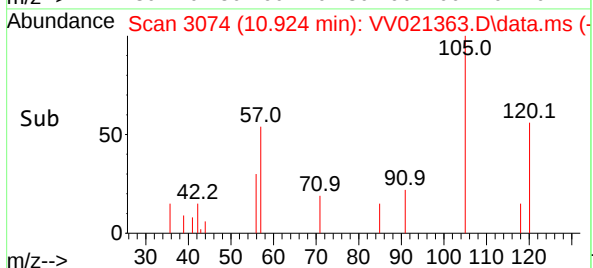
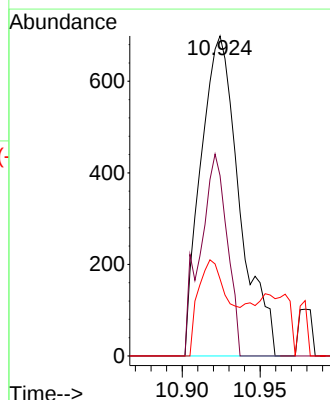
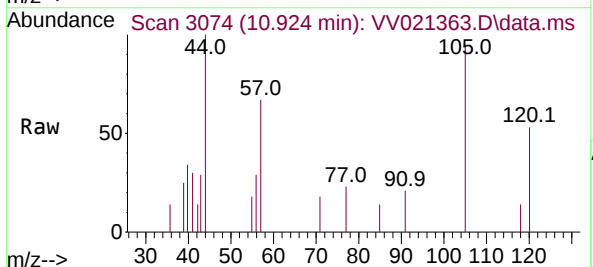
Tgt Ion:105 Resp: 1204

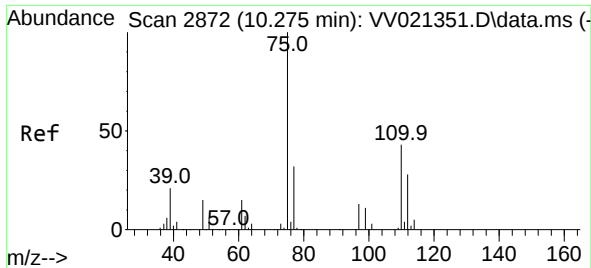
Ion Ratio Lower Upper

105 100

120 43.9 21.7 32.5#

77 24.1 12.3 18.5#

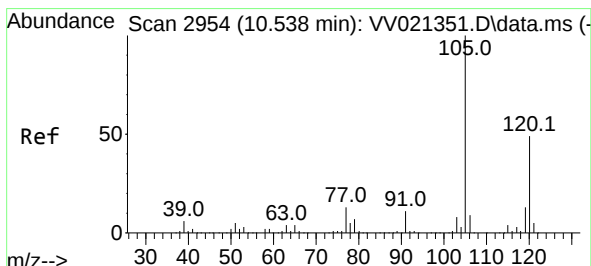
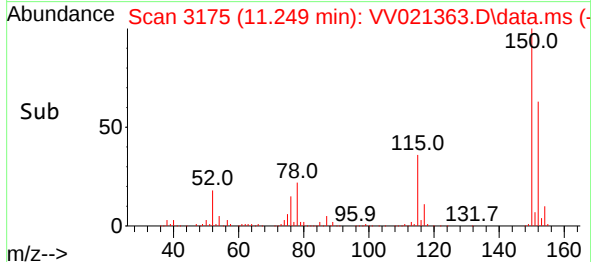
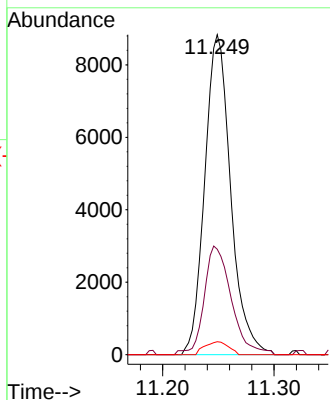
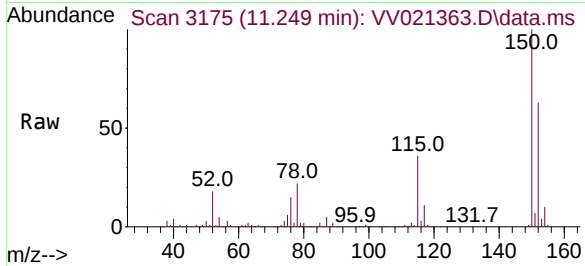




#61
1,2,3-Trichloropropane
Concen: 1.39 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

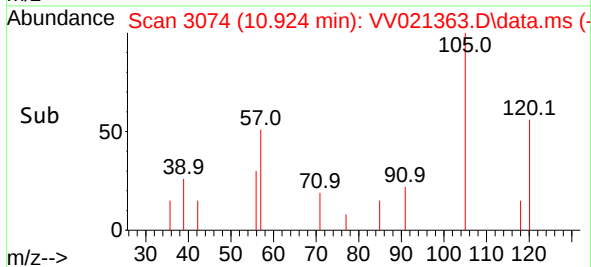
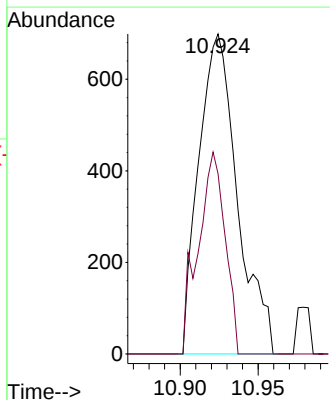
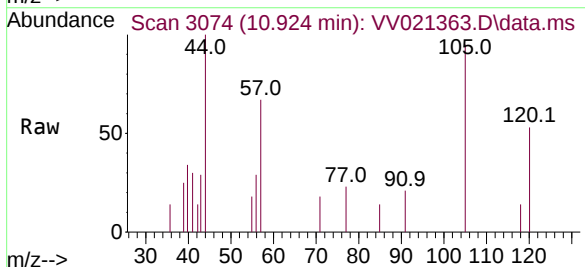
Instrument :
MSVOA_V
ClientSampled :

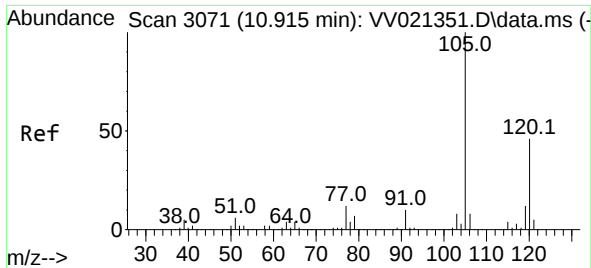
Tgt Ion: 75 Resp: 14301
Ion Ratio Lower Upper
75 100
77 35.5 26.1 39.1
110 3.7 33.2 49.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.386 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Tgt Ion: 105 Resp: 1204
Ion Ratio Lower Upper
105 100
120 43.9 39.4 59.0

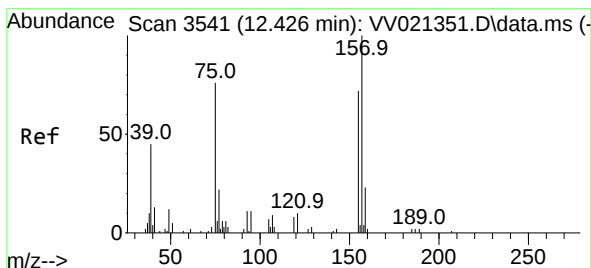
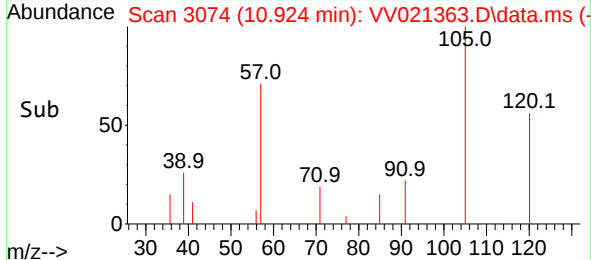
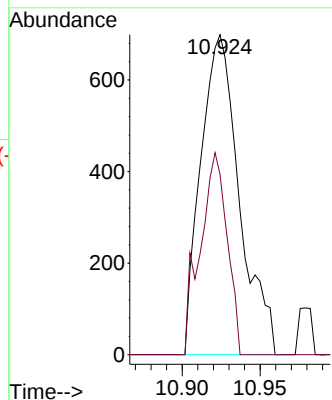
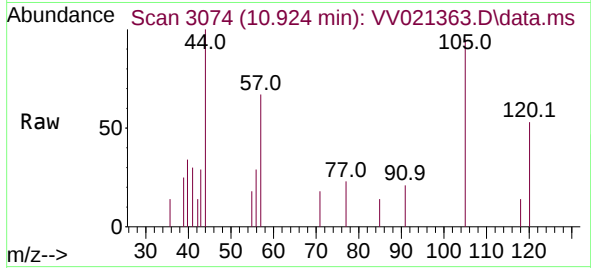




#63
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.010 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 1204
Ion Ratio Lower Upper
105 100
120 43.9 36.7 55.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.11 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.174 min
Lab File: VV021363.D
Acq: 21 May 2021 16:58

Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
155 0.0 72.8 109.2#
157 0.0 94.7 142.1#

