

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021365.D
 Acq On : 21 May 2021 17:47
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:40:35 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	278014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	257345	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140540	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80046	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.568	69	68266	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.111	63	147881	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.899	46	228411	47.13	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.352	84	165504	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.037	65	80852	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.053	84	345208	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.072	67	108560	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.320	98	320212	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloroprop...	7.628	79	43477	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.091	63	149467	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61353	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	131497	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	92971	6.06	ug/L	97
13) Acetone	2.191	43	3928	1.50	ug/L	67
19) 1,1-Dichloroethane	3.194	63	32645	0.99	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	1558	0.08	ug/L	98
25) Chloroform	4.384	83	5476	0.16	ug/L	85
29) 1,1,1-Trichloroethane	4.612	97	112793	3.57	ug/L	98
31) Carbon tetrachloride	4.619	117	15470	0.55	ug/L	97
34) Trichloroethene	5.921	95	5022	0.23	ug/L	91
35) Methylcyclohexane	6.075	83	26784	0.81	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	10971	0.61	ug/L #	85
42) Toluene	7.403	91	6184	0.08	ug/L	92
45) 1,1,2-Trichloroethane	7.972	97	1143	0.09	ug/L #	3
47) Tetrachloroethene	7.976	164	120105	6.70	ug/L	96
48) 2-Hexanone	8.146	43	40739	4.99	ug/L #	85
49) Dibromochloromethane	7.979	129	99473	5.55	ug/L #	11
60) Isopropylbenzene	10.921	105	1072	0.01	ug/L #	64
61) 1,2,3-Trichloropropane	11.249	75	14286	1.37	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.921	105	1072	0.01	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	1072	0.01	ug/L	90

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

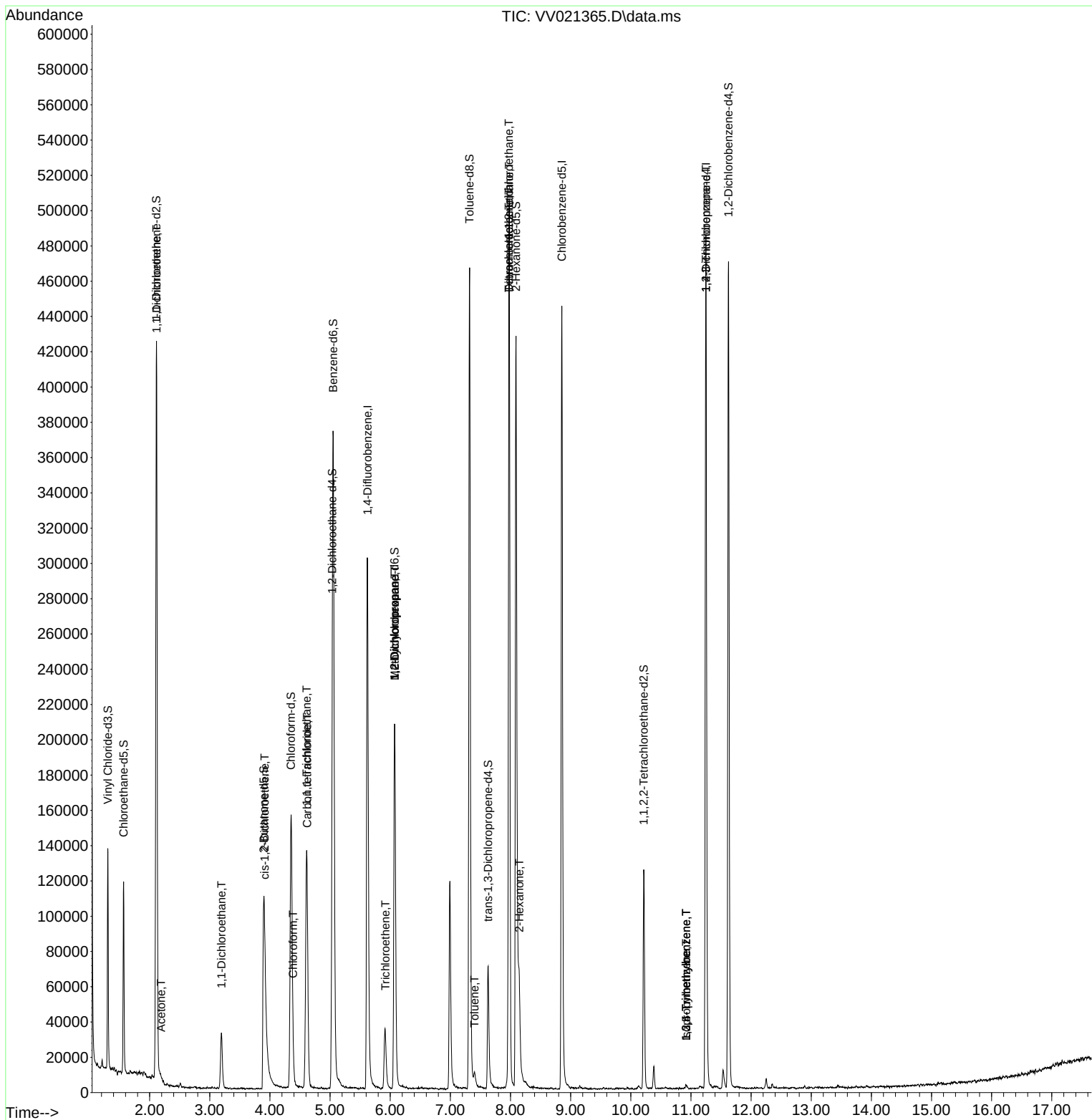
Instrument :
MSVOA_V
ClientSampleId :

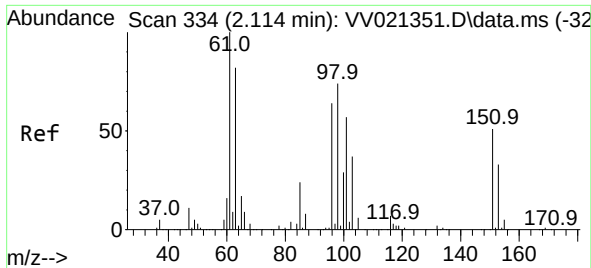
Quant Time: May 22 01:40:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
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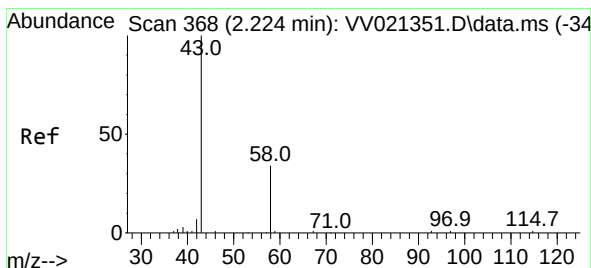
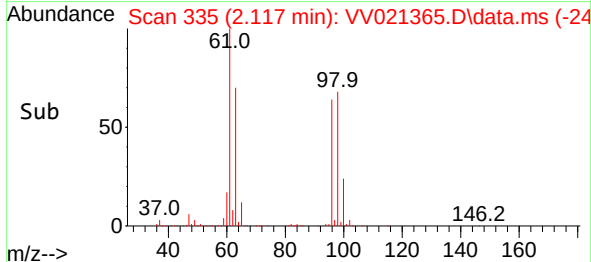
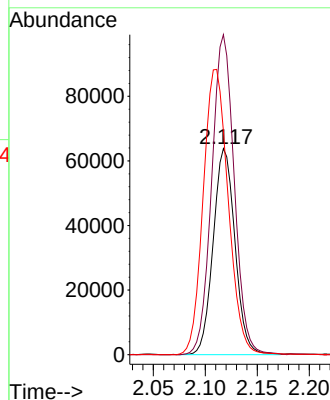
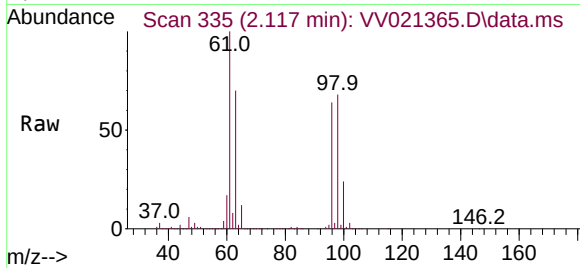




#12
1,1-Dichloroethene
Concen: 6.06 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

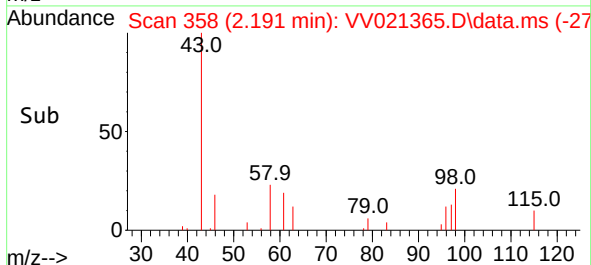
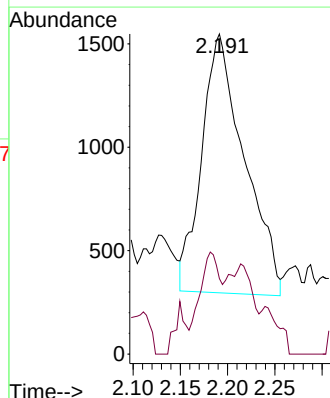
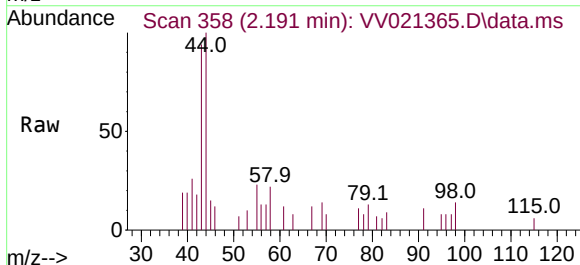
Instrument :
MSVOA_V
ClientSampled :

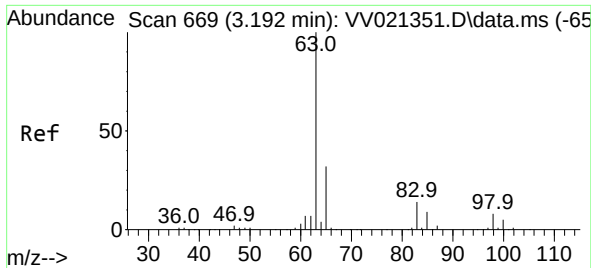
Tgt Ion: 96 Resp: 92971
Ion Ratio Lower Upper
96 100
61 155.3 109.8 204.0
63 108.5 71.3 132.3



#13
Acetone
Concen: 1.50 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.032 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion: 43 Resp: 3928
Ion Ratio Lower Upper
43 100
58 14.7 0.0 67.4





#19

1,1-Dichloroethane

Concen: 0.99 ug/L

RT: 3.194 min Scan# 670

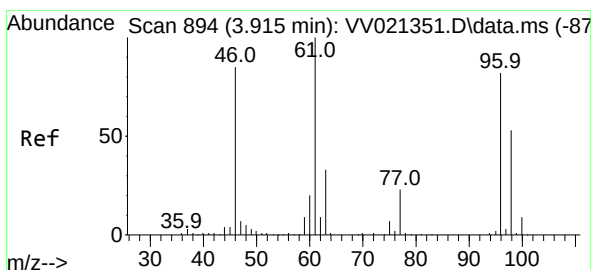
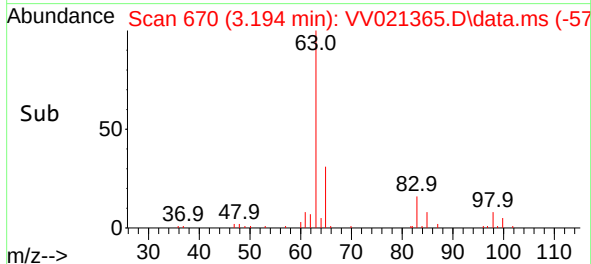
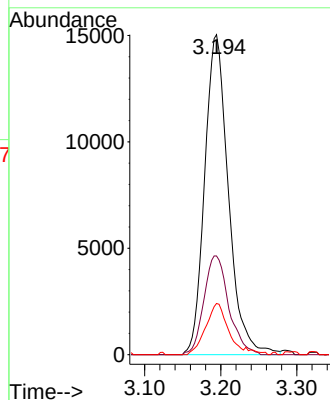
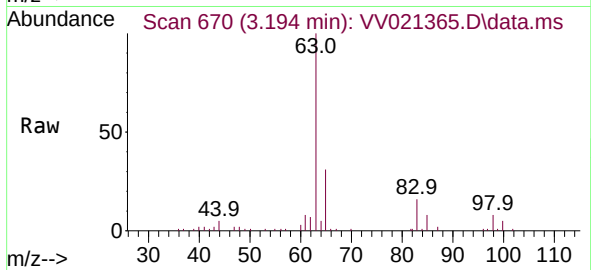
Delta R.T. 0.003 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 63	Resp: 32645
Ion Ratio	Lower Upper
63 100	
65 30.9	22.3 41.5
83 16.0	9.7 17.9

Instrument :
MSVOA_V
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.08 ug/L

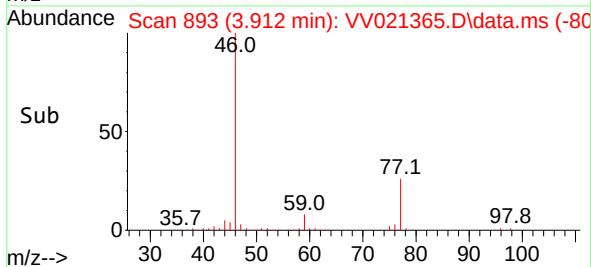
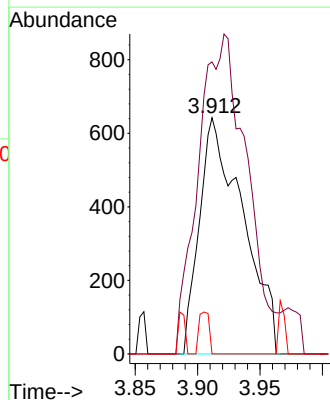
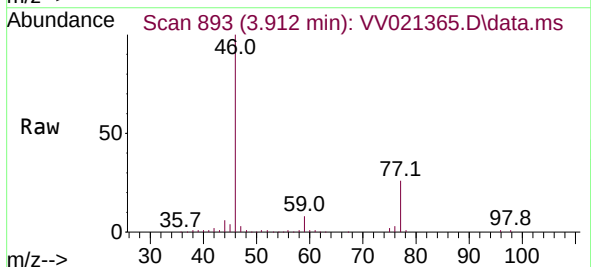
RT: 3.912 min Scan# 893

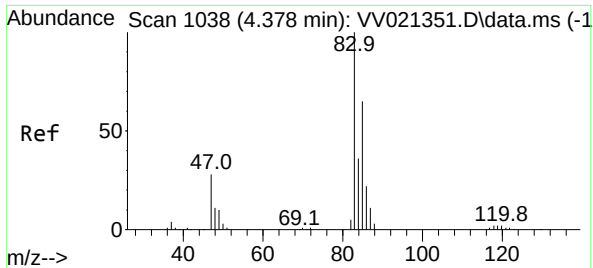
Delta R.T. -0.003 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 96	Resp: 1558		
Ion Ratio	Lower	Upper	
96	100		
61	123.7	84.6	157.2
68	0.0	0.0	0.0



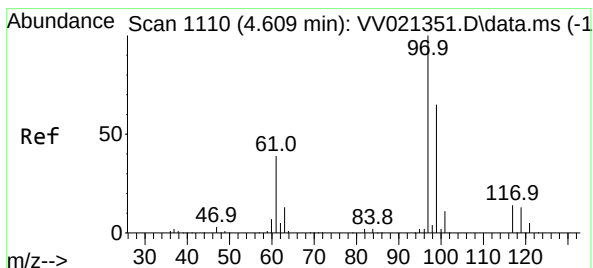
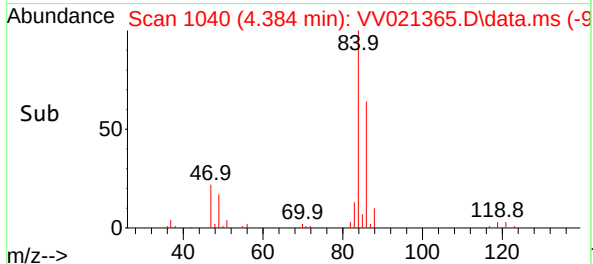
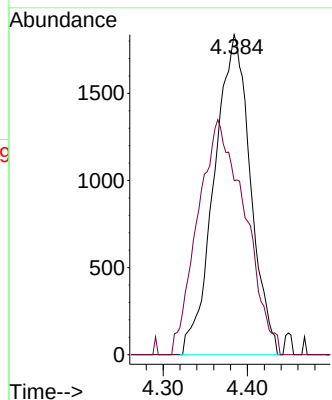
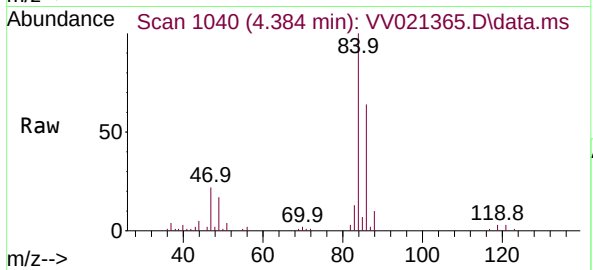


#25

Chloroform
Concen: 0.16 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Instrument :
MSVOA_V
ClientSampled :

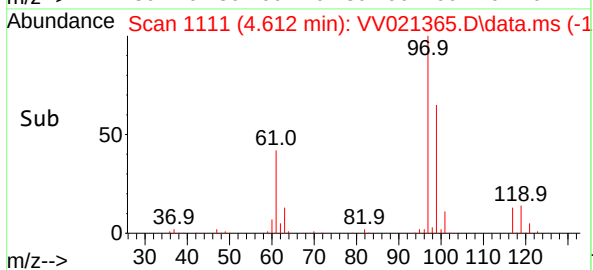
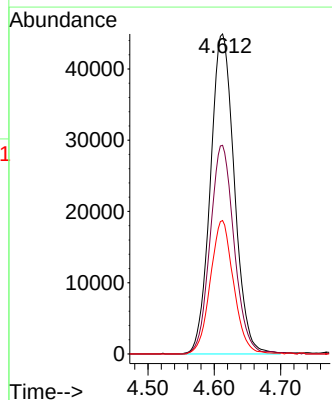
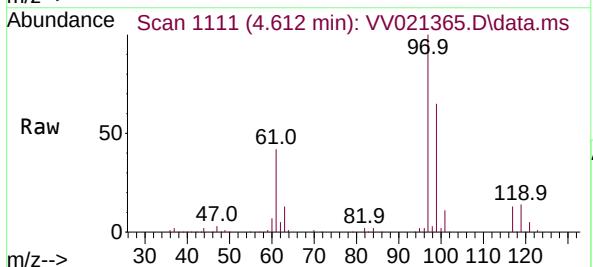
Tgt Ion: 83 Resp: 5476
Ion Ratio Lower Upper
83 100
85 54.4 46.4 86.2

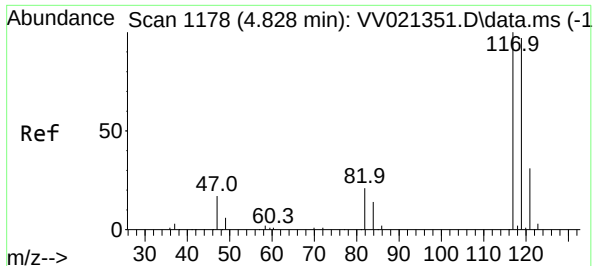


#29

1,1,1-Trichloroethane
Concen: 3.57 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion: 97 Resp: 112793
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 40.6 33.2 49.8

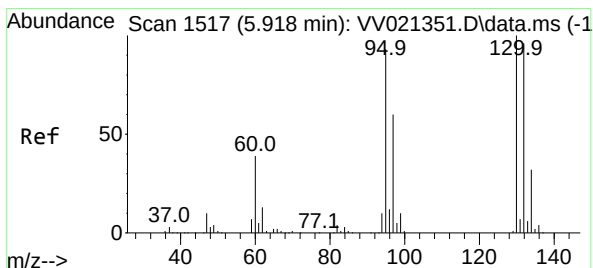
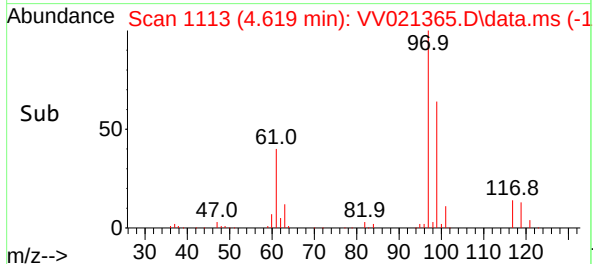
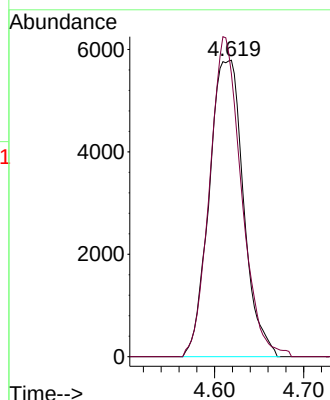
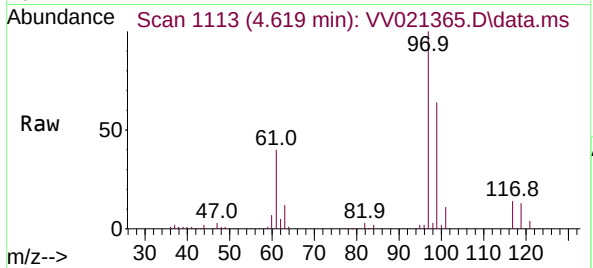




#31
Carbon tetrachloride
Concen: 0.55 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. -0.209 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

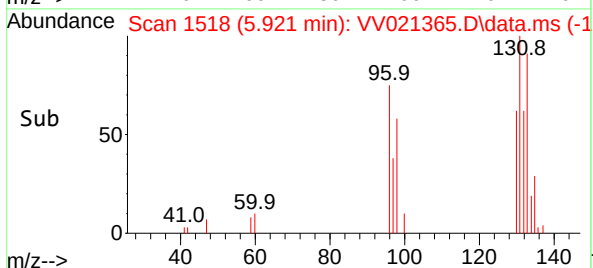
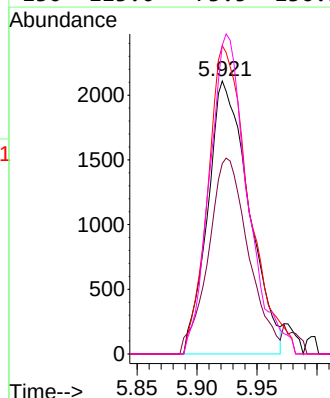
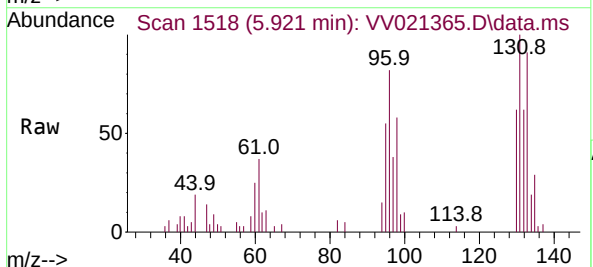
Instrument :
MSVOA_V
ClientSampled :

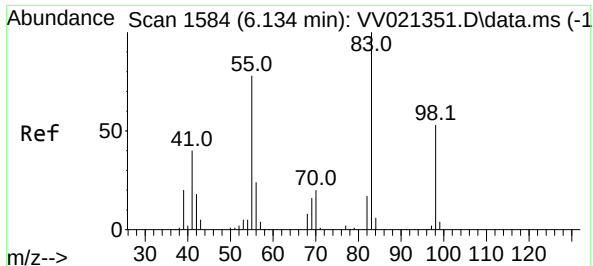
Tgt Ion:117 Resp: 15470
Ion Ratio Lower Upper
117 100
119 99.9 77.4 116.2



#34
Trichloroethene
Concen: 0.23 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion: 95 Resp: 5022
Ion Ratio Lower Upper
95 100
97 69.8 45.1 83.9
132 112.9 71.5 132.9
130 113.0 73.5 136.5





#35

Methylcyclohexane

Concen: 0.81 ug/L

RT: 6.075 min Scan# 1566

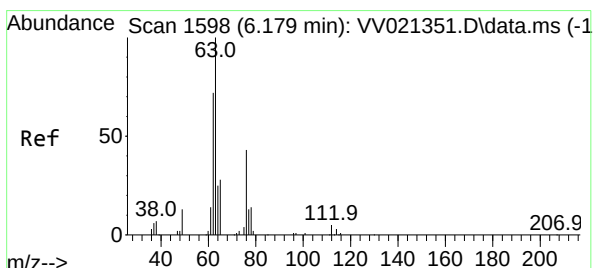
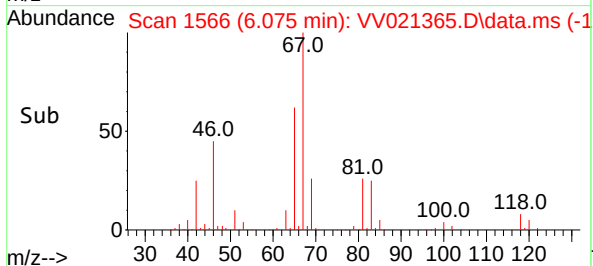
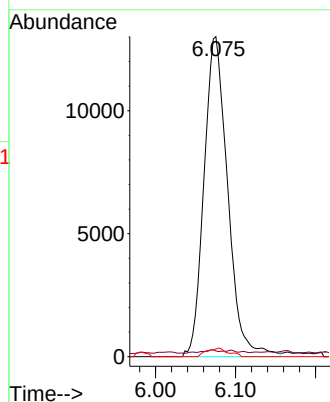
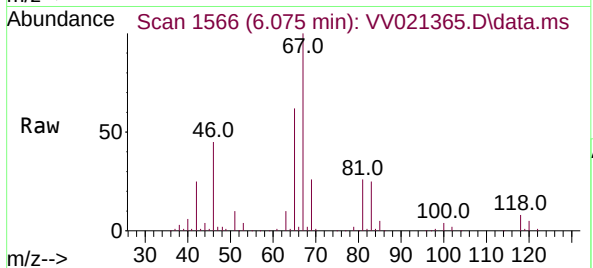
Delta R.T. -0.058 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion:	83	Resp:	26784
Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.1	88.7#
98	2.4	40.1	60.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

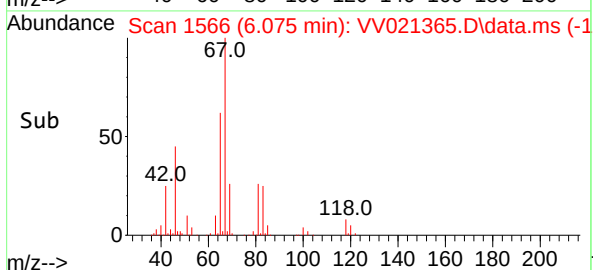
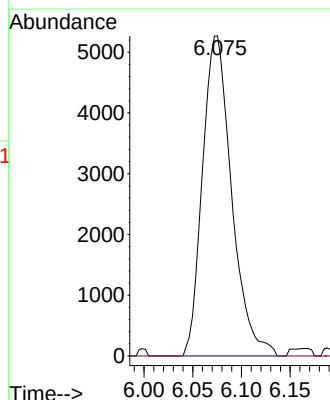
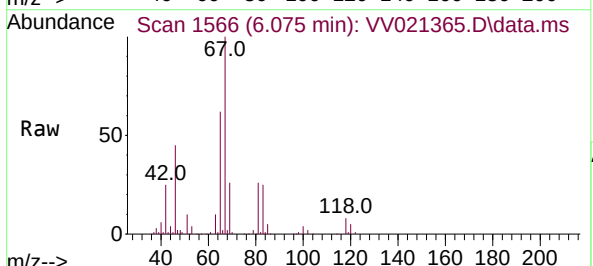
RT: 6.075 min Scan# 1566

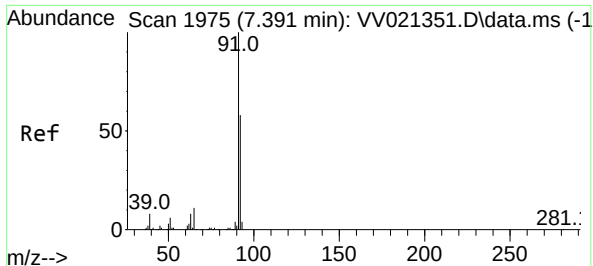
Delta R.T. -0.103 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion:	63	Resp:	10971
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#42

Toluene

Concen: 0.08 ug/L

RT: 7.403 min Scan# 1979

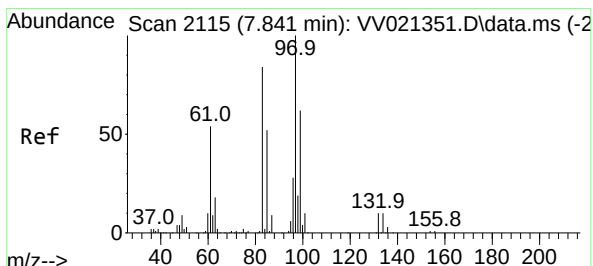
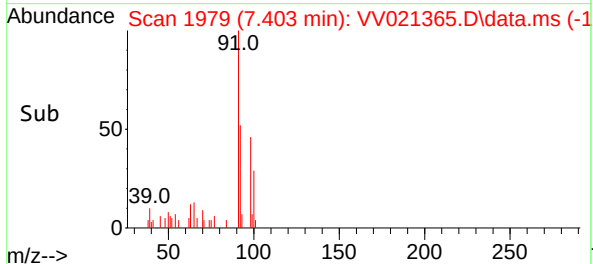
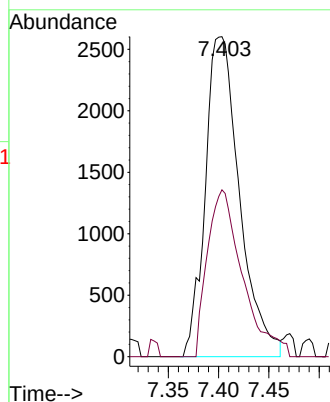
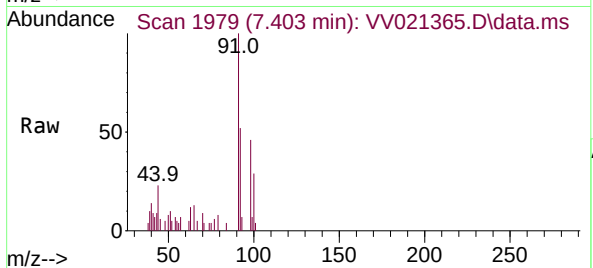
Delta R.T. 0.013 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 91 Resp: 6184

Ion	Ratio	Lower	Upper
91	100		
92	52.2	40.5	75.1



#45

1,1,2-Trichloroethane

Concen: 0.09 ug/L

RT: 7.972 min Scan# 2156

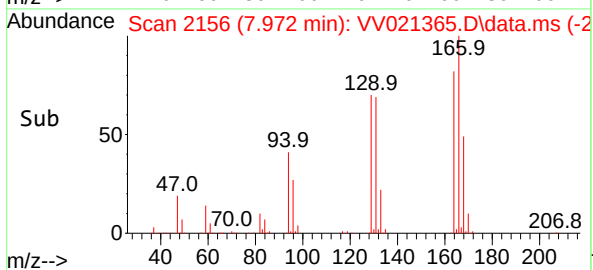
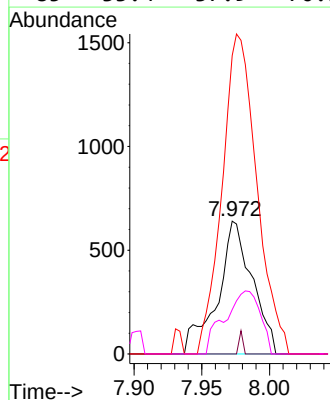
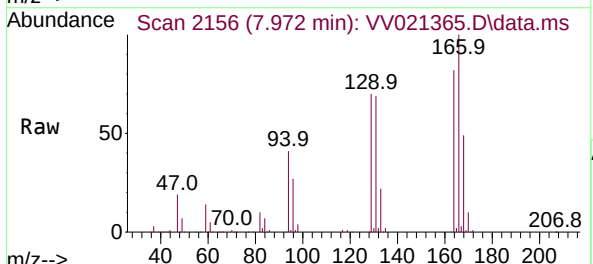
Delta R.T. 0.132 min

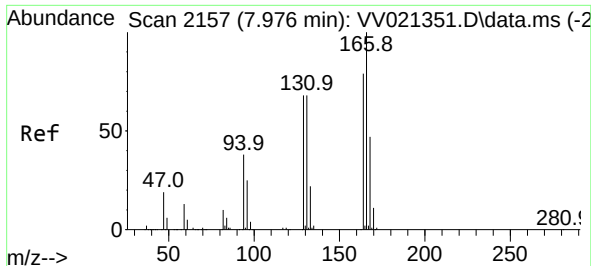
Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 97 Resp: 1143

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	224.7	59.4	110.4#
85	33.4	37.9	70.5#

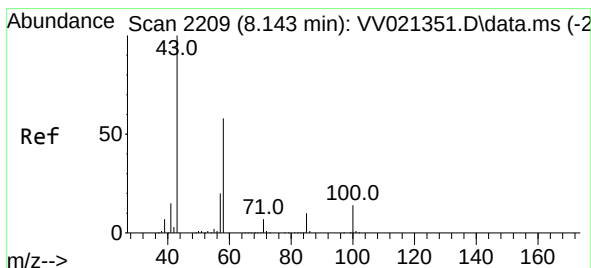
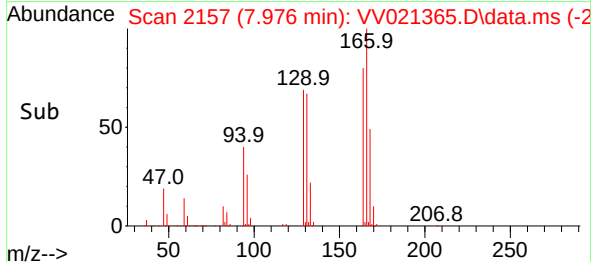
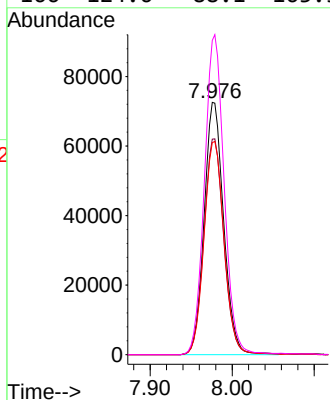
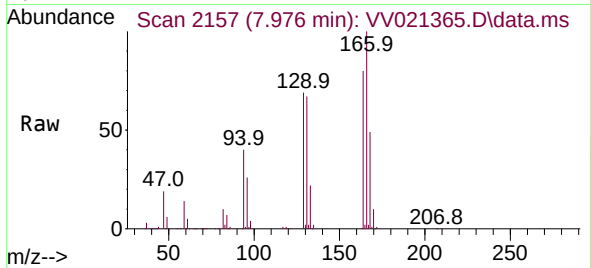




#47
Tetrachloroethene
Concen: 6.70 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

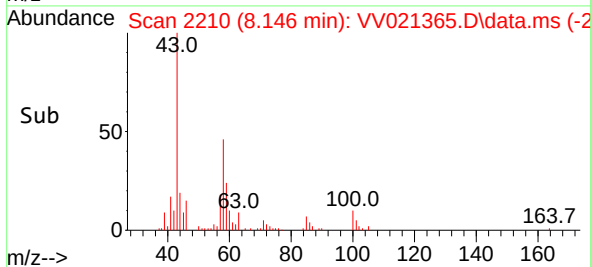
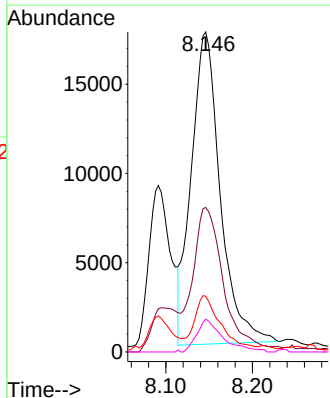
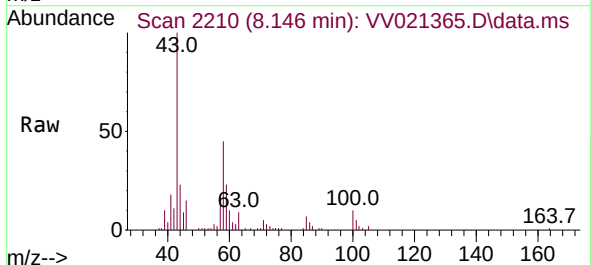
Instrument :
MSVOA_V
ClientSampled :

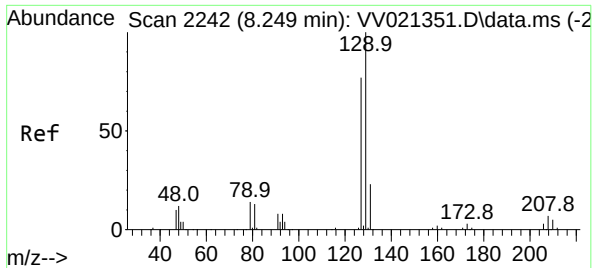
Tgt Ion:	164	Resp:	120105
Ion	Ratio	Lower	Upper
164	100		
129	85.5	65.0	120.6
131	84.0	61.8	114.8
166	124.6	88.1	163.5



#48
2-Hexanone
Concen: 4.99 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion:	43	Resp:	40739
Ion	Ratio	Lower	Upper
43	100		
58	46.6	47.8	71.8#
57	15.6	16.6	24.8#
100	9.4	11.5	17.3#





#49

Dibromochloromethane

Concen: 5.55 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV021365.D

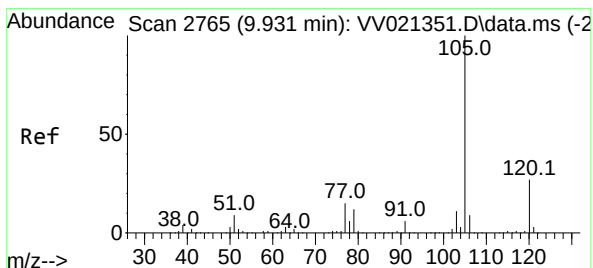
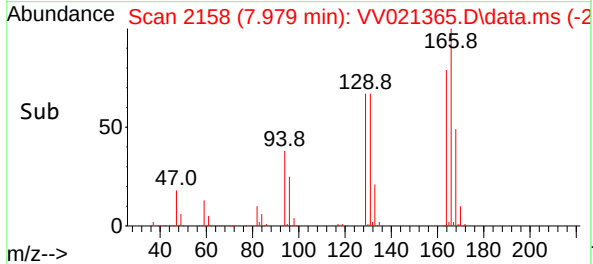
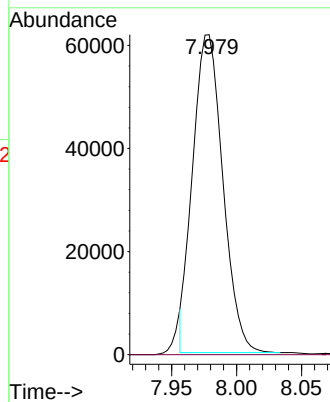
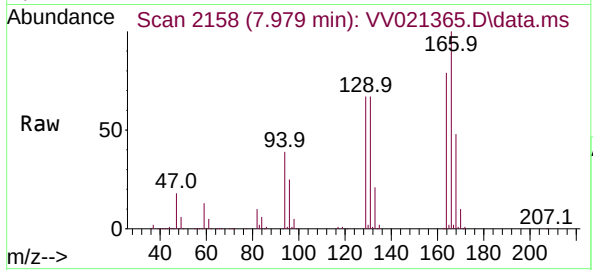
Acq: 21 May 2021 17:47

Tgt Ion:129 Resp: 99473

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#60

Isopropylbenzene

Concen: 0.01 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.990 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

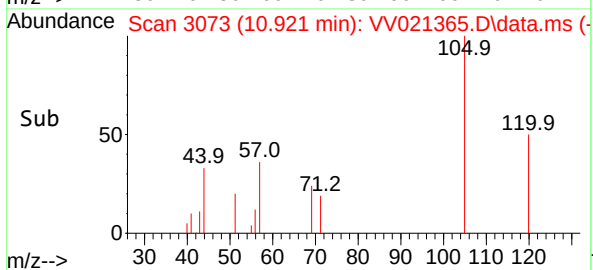
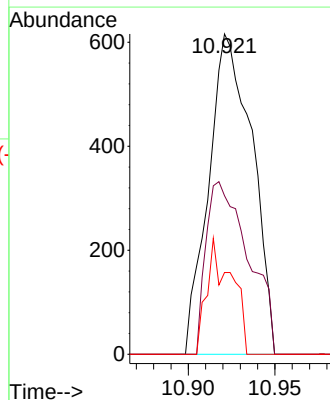
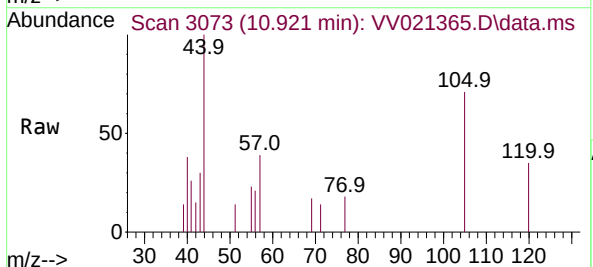
Tgt Ion:105 Resp: 1072

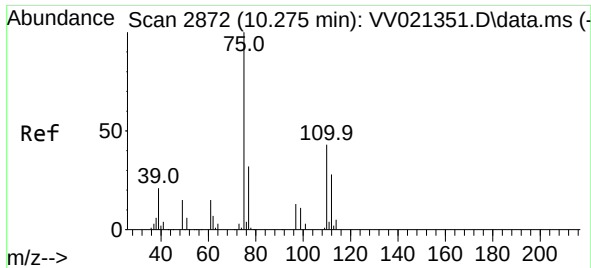
Ion Ratio Lower Upper

105 100

120 52.7 21.7 32.5#

77 20.6 12.3 18.5#

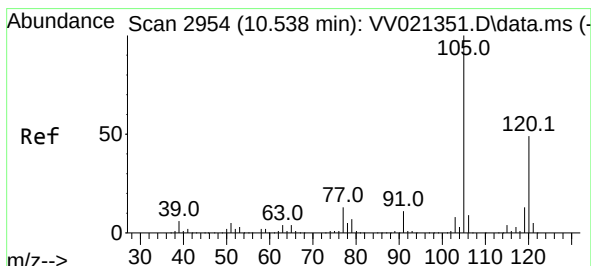
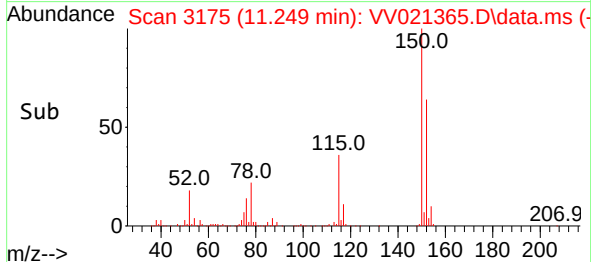
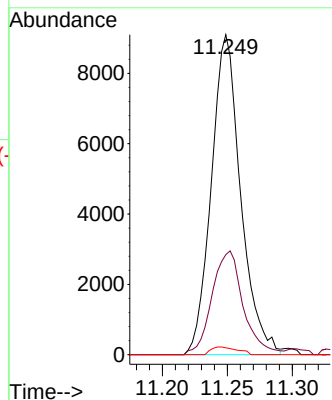
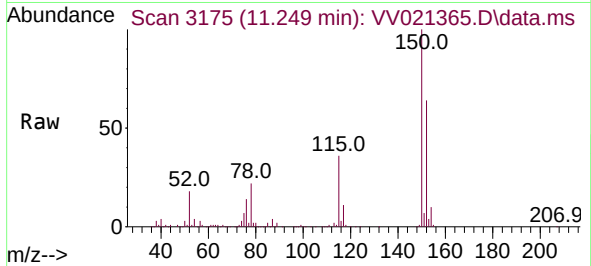




#61
1,2,3-Trichloropropane
Concen: 1.37 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

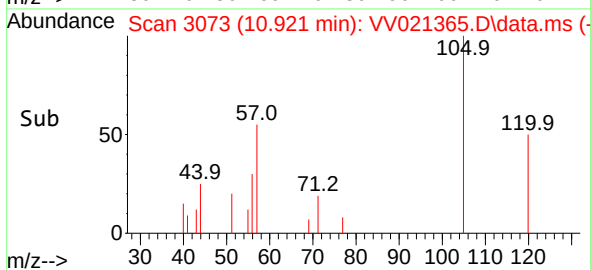
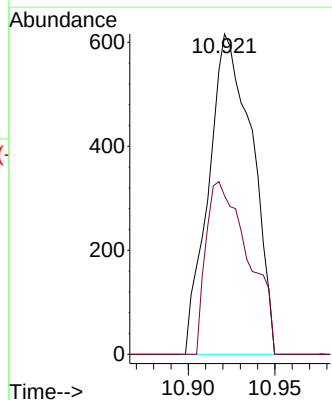
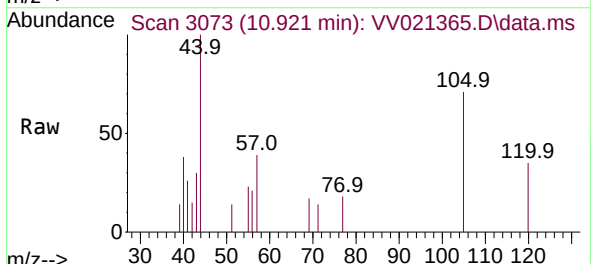
Instrument :
MSVOA_V
ClientSampled :

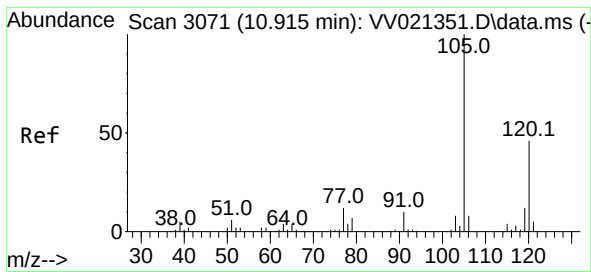
Tgt Ion: 75 Resp: 14286
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1
110 2.2 33.2 49.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.382 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

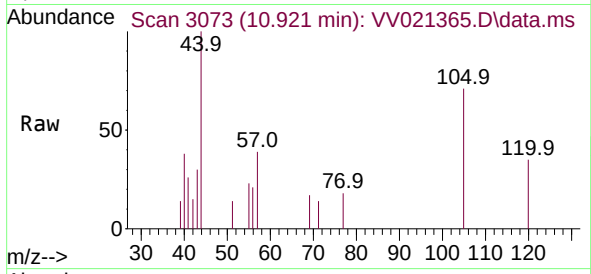
Tgt Ion: 105 Resp: 1072
Ion Ratio Lower Upper
105 100
120 52.7 39.4 59.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.01 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV021365.D
 Acq: 21 May 2021 17:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1072
 Ion Ratio Lower Upper
 105 100
 120 52.7 36.7 55.1

