

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021364.D
 Acq On : 21 May 2021 17:22
 Operator : SY/MD
 Sample : M2494-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:40:27 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	281430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	262921	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142621	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80125	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.568	69	66944	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.108	63	124642	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	3.896	46	227435	46.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.72%
24) Chloroform-d	4.352	84	165180	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.037	65	81919	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.053	84	345242	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.072	67	109323	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.320	98	317765	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	7.628	79	44787	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.088	63	153744	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61370	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	131246	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	43485	2.80	ug/L #	67
19) 1,1-Dichloroethane	3.195	63	14653	0.44	ug/L	97
25) Chloroform	4.381	83	4745	0.13	ug/L	85
29) 1,1,1-Trichloroethane	4.613	97	83612	2.59	ug/L	98
31) Carbon tetrachloride	4.613	117	11198	0.39	ug/L	99
34) Trichloroethene	5.921	95	1975	0.09	ug/L	85
35) Methylcyclohexane	6.076	83	26782	0.79	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	11539	0.63	ug/L #	85
42) Toluene	7.403	91	6252	0.08	ug/L	93
47) Tetrachloroethene	7.979	164	87563	4.78	ug/L	97
48) 2-Hexanone	8.146	43	40379	4.84	ug/L #	86
49) Dibromochloromethane	7.979	129	74789	4.09	ug/L #	11
60) Isopropylbenzene	10.927	105	1040	0.01	ug/L #	78
61) 1,2,3-Trichloropropane	11.249	75	14251	1.35	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.927	105	1040	0.01	ug/L	92
63) 1,2,4-Trimethylbenzene	10.927	105	1040	0.01	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.246	75	236	0.11	ug/L #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021364.D
Acq On : 21 May 2021 17:22
Operator : SY/MD
Sample : M2494-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

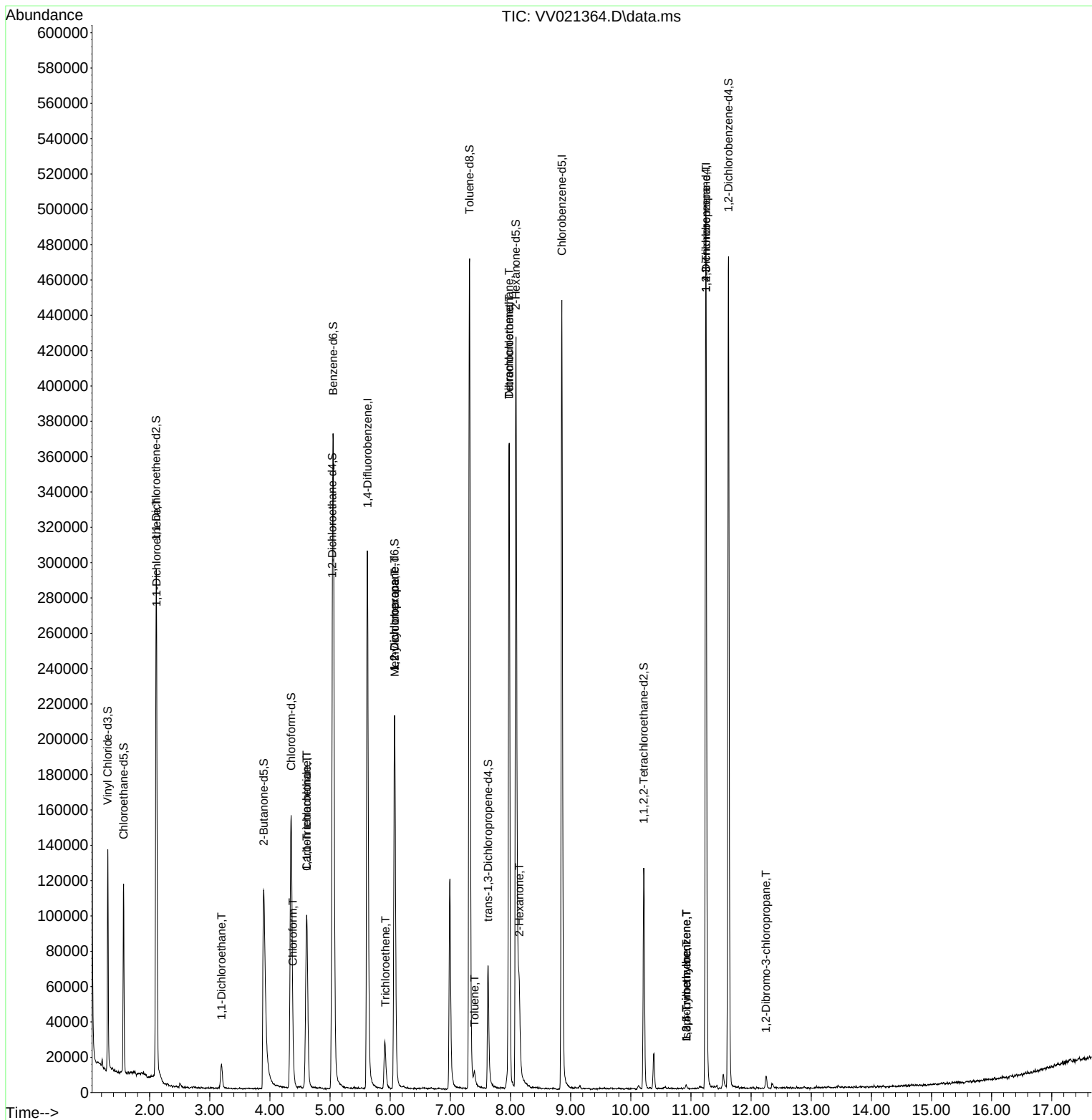
Instrument :
MSVOA_V
ClientSampleId :

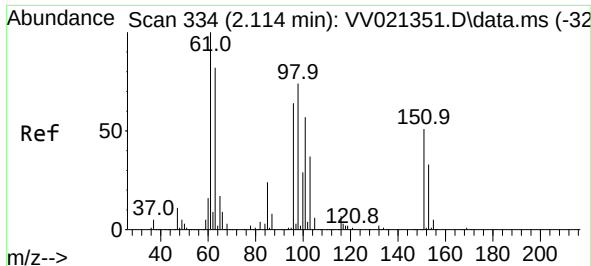
Quant Time: May 22 01:40:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

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

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

Quant Time: May 22 01:40:27 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





#12

1,1-Dichloroethene

Concen: 2.80 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

Tgt Ion: 96 Resp: 43485

Ion Ratio Lower Upper

96 100

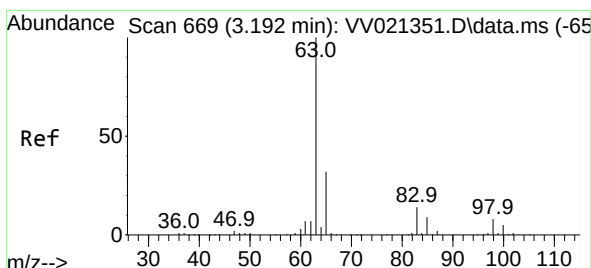
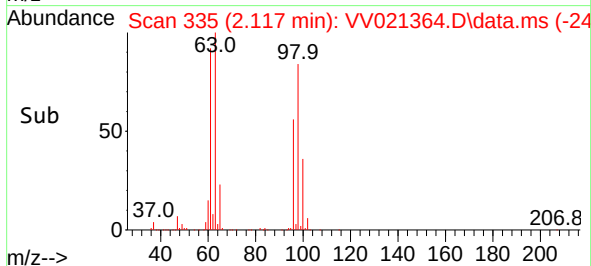
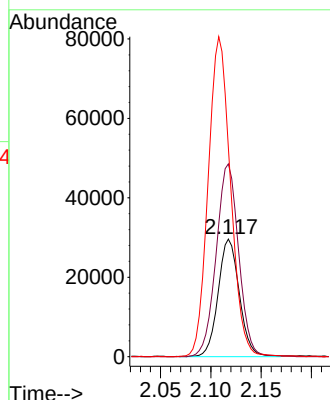
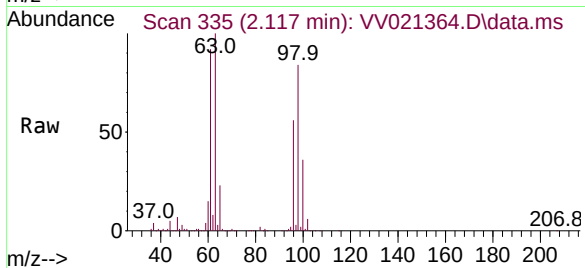
61 164.0 109.8 204.0

63 177.9 71.3 132.3#

Instrument :

MSVOA_V

ClientSampleId :



#19

1,1-Dichloroethane

Concen: 0.44 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.003 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

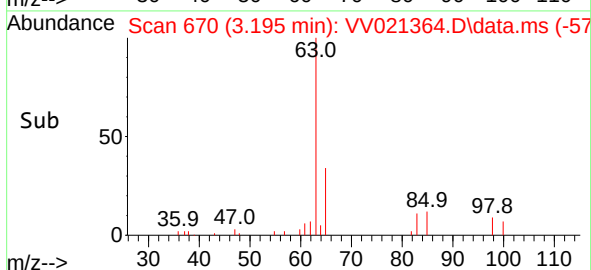
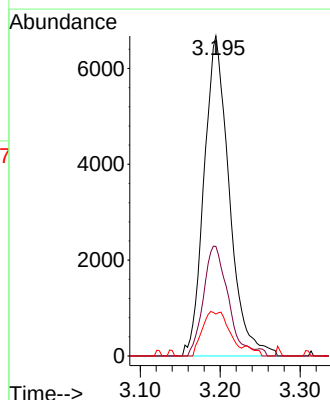
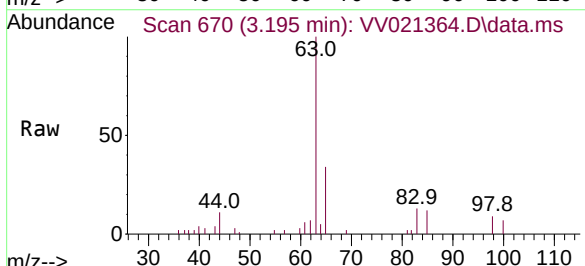
Tgt Ion: 63 Resp: 14653

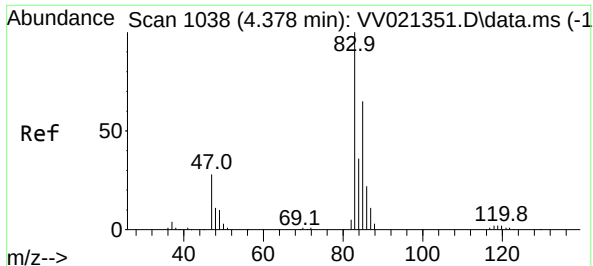
Ion Ratio Lower Upper

63 100

65 34.3 22.3 41.5

83 13.1 9.7 17.9





#25

Chloroform

Concen: 0.13 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV021364.D

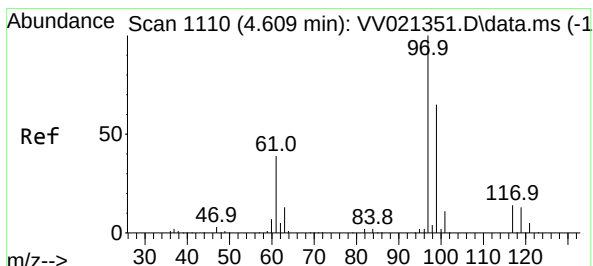
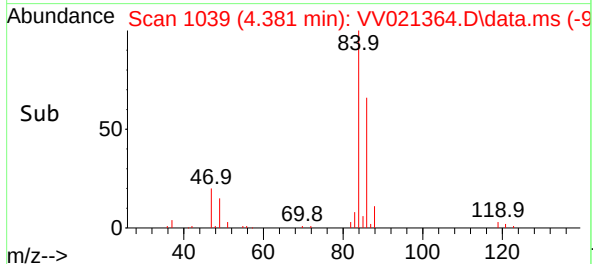
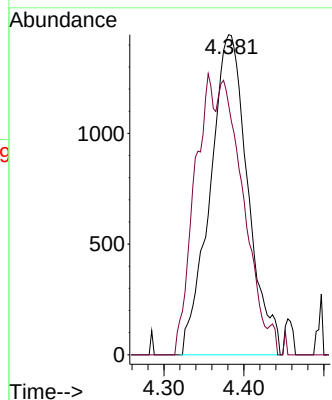
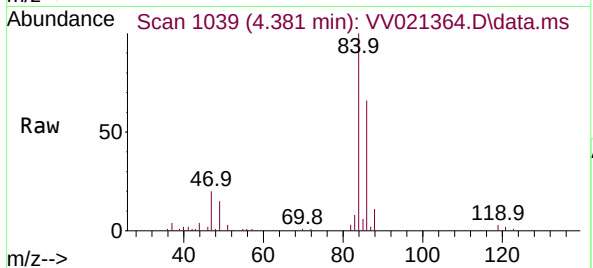
Acq: 21 May 2021 17:22

Tgt Ion: 83 Resp: 4745

Ion Ratio Lower Upper

83 100

85 77.9 46.4 86.2



#29

1,1,1-Trichloroethane

Concen: 2.59 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

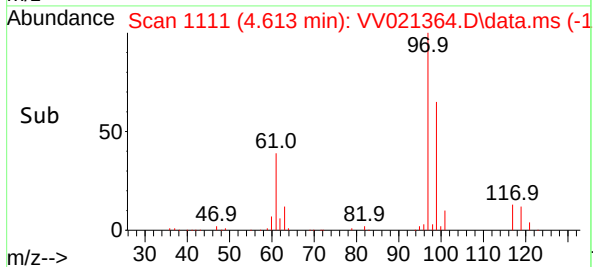
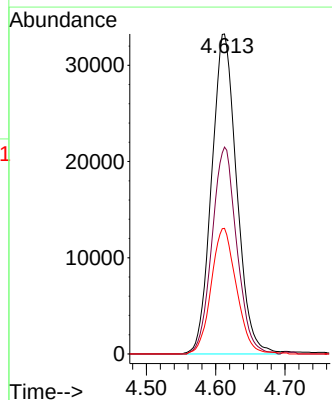
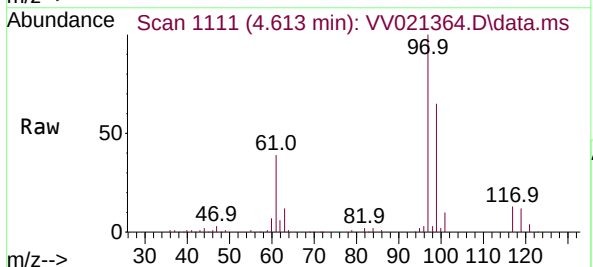
Tgt Ion: 97 Resp: 83612

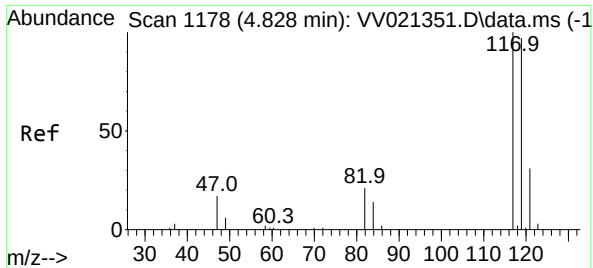
Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 39.6 33.2 49.8

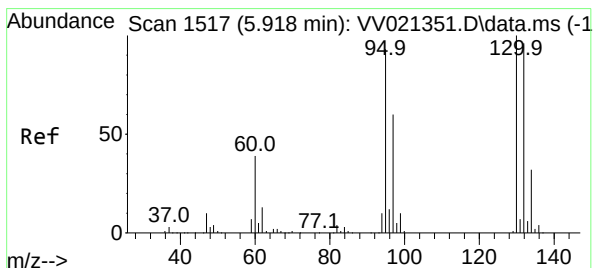
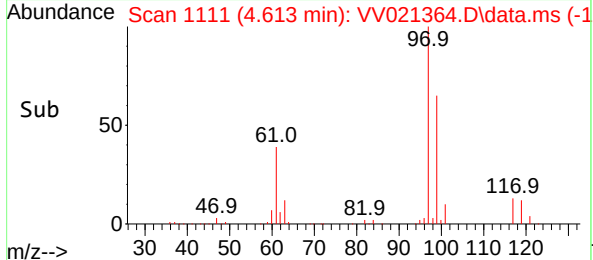
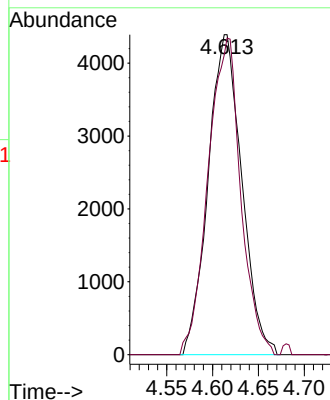
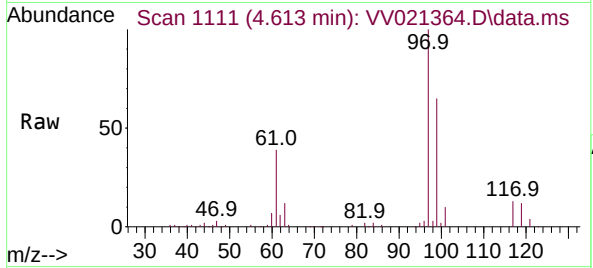




#31
Carbon tetrachloride
Concen: 0.39 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. -0.216 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

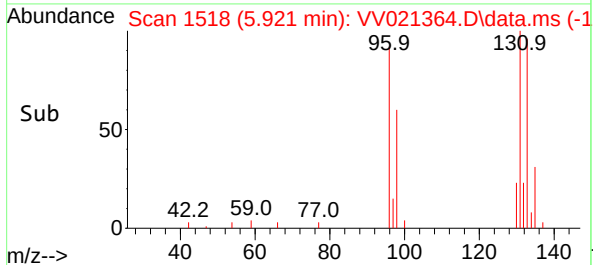
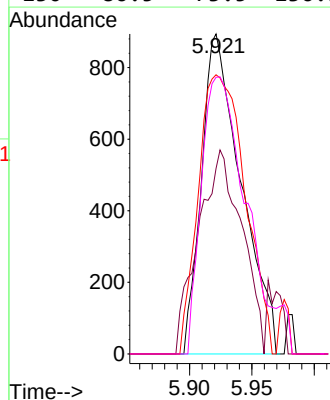
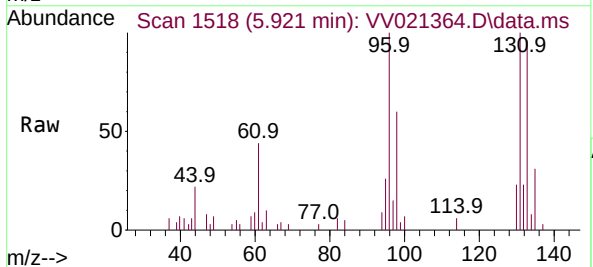
Instrument :
MSVOA_V
ClientSampleId :

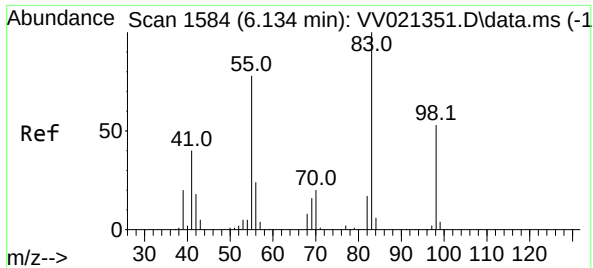
Tgt Ion:117 Resp: 11198
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#34
Trichloroethene
Concen: 0.09 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion: 95 Resp: 1975
Ion Ratio Lower Upper
95 100
97 57.9 45.1 83.9
132 87.2 71.5 132.9
130 86.5 73.5 136.5





#35

Methylcyclohexane

Concen: 0.79 ug/L

RT: 6.076 min Scan# 1566

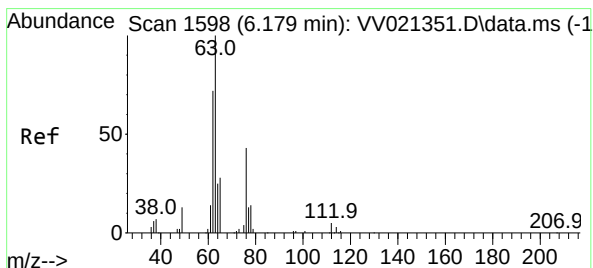
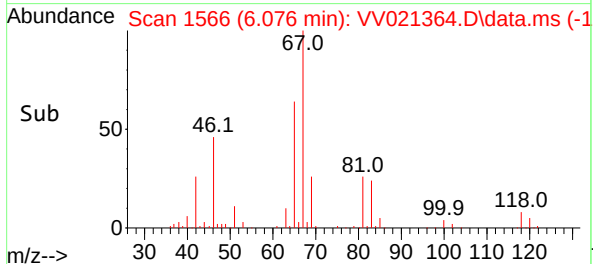
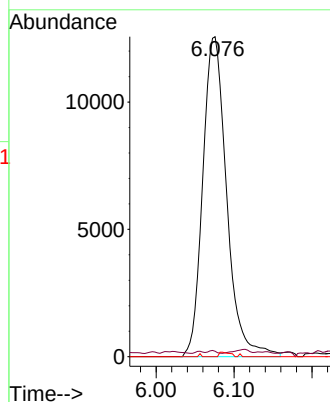
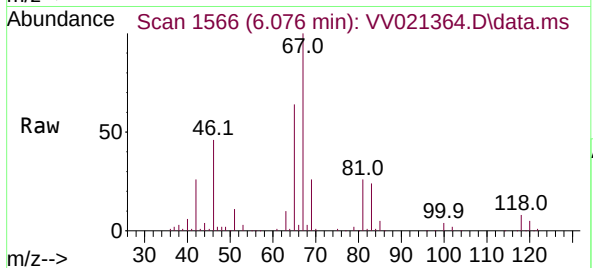
Delta R.T. -0.058 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

Tgt Ion:	83	Resp:	26782
Ion Ratio	Lower	Upper	
83	100		
55	0.3	59.1	88.7#
98	0.0	40.1	60.1#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.63 ug/L

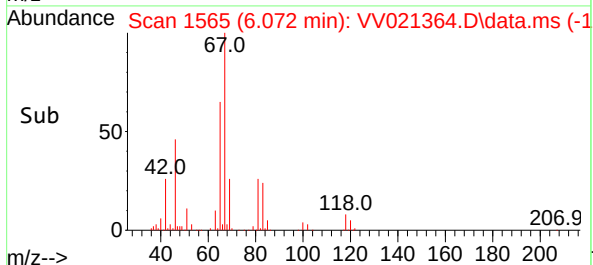
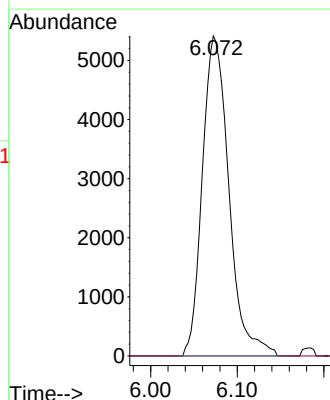
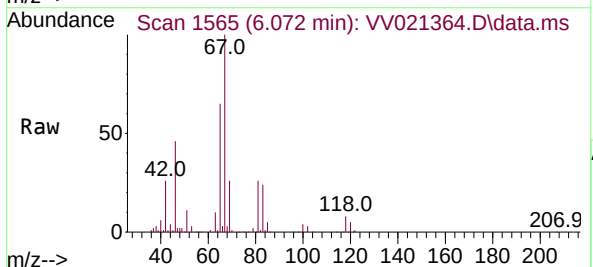
RT: 6.072 min Scan# 1565

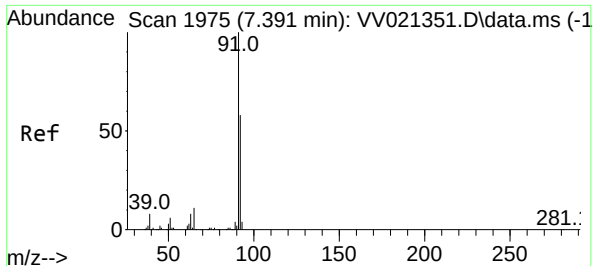
Delta R.T. -0.106 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

Tgt Ion:	63	Resp:	11539
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: VV021364.D

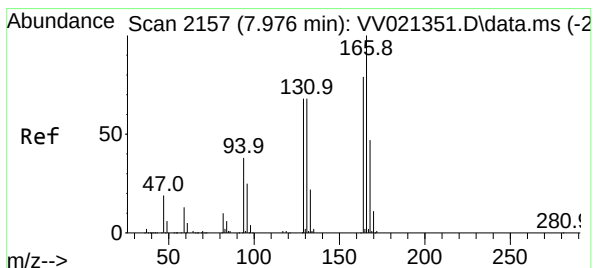
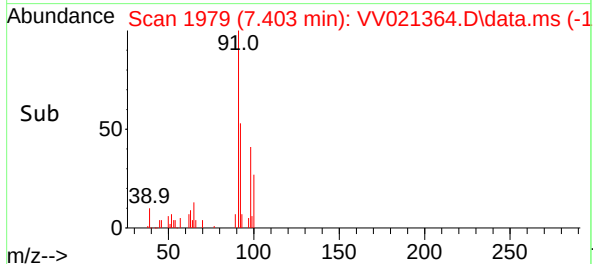
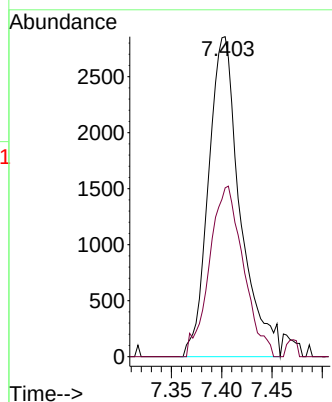
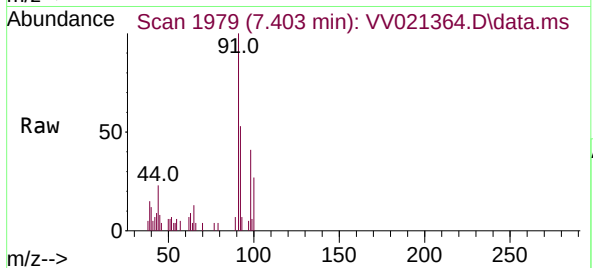
Acq: 21 May 2021 17:22

Tgt Ion: 91 Resp: 6252

Ion Ratio Lower Upper

91 100

92 52.7 40.5 75.1



#47

Tetrachloroethene

Concen: 4.78 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021364.D

Acq: 21 May 2021 17:22

Tgt Ion: 164 Resp: 87563

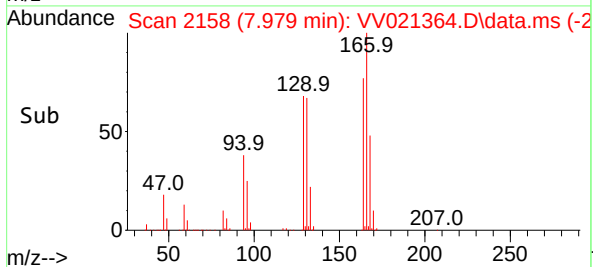
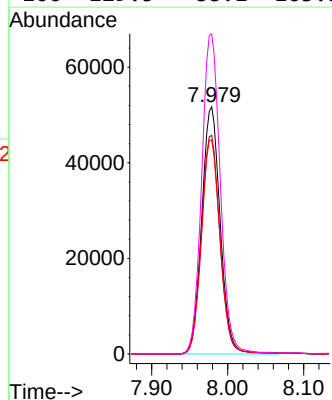
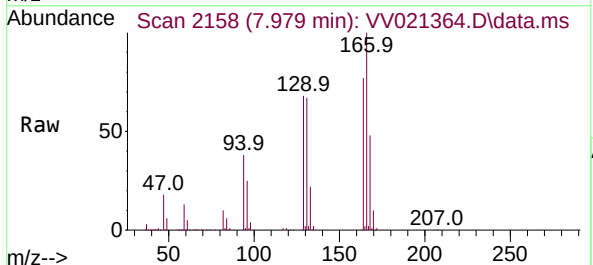
Ion Ratio Lower Upper

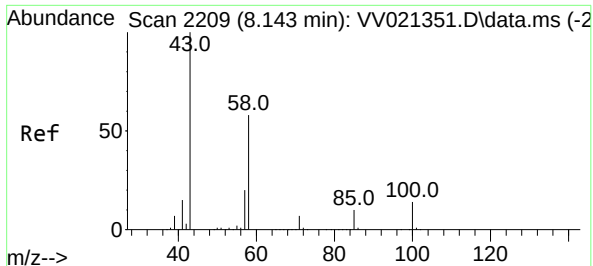
164 100

129 88.4 65.0 120.6

131 86.5 61.8 114.8

166 129.5 88.1 163.5

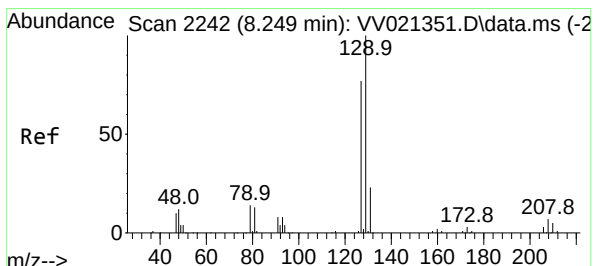
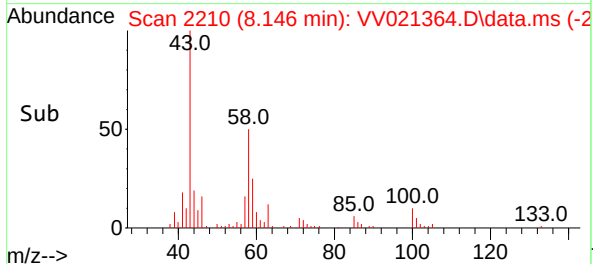
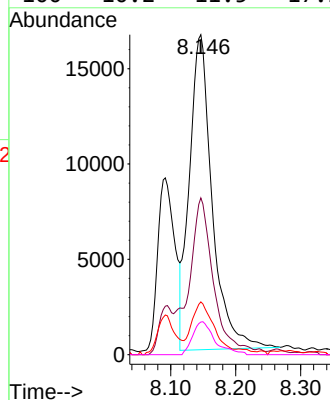
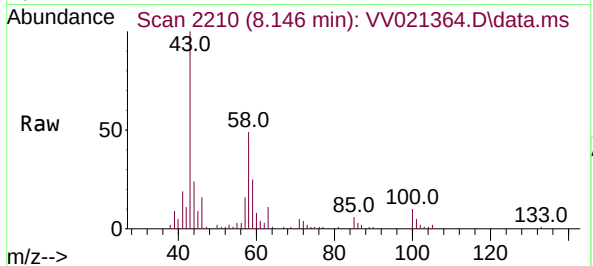




#48
2-Hexanone
Concen: 4.84 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

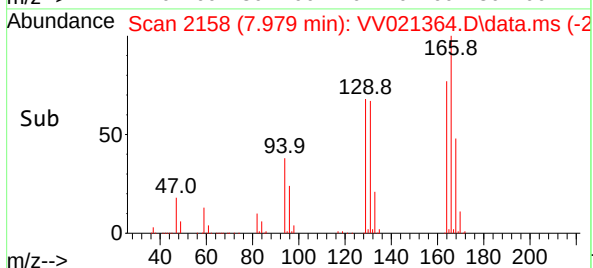
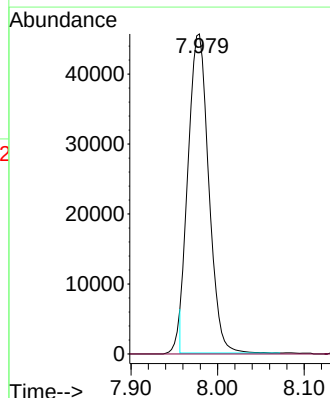
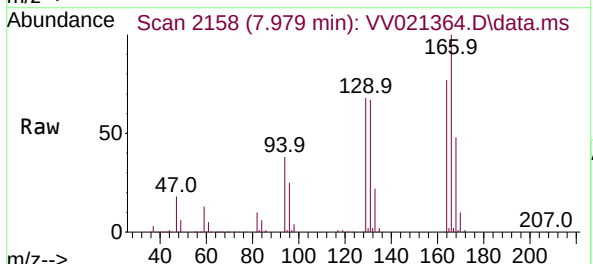
Instrument :
MSVOA_V
ClientSampleId :

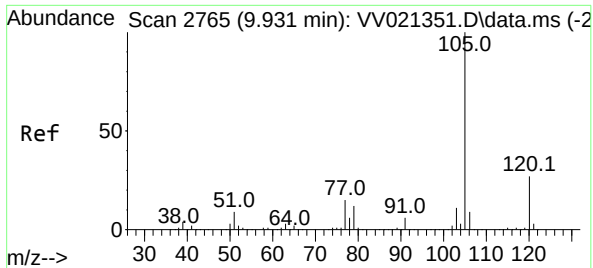
Tgt Ion:	43	Resp:	40379
Ion	Ratio	Lower	Upper
43	100		
58	49.1	47.8	71.8
57	13.5	16.6	24.8#
100	10.2	11.5	17.3#



#49
Dibromochloromethane
Concen: 4.09 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion:	129	Resp:	74789
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#

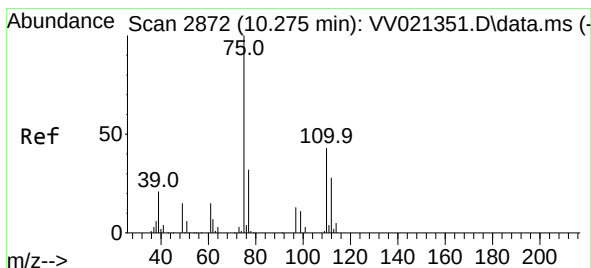
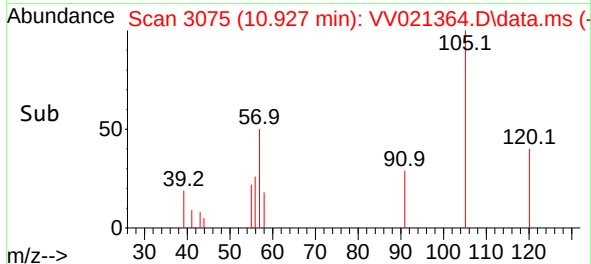
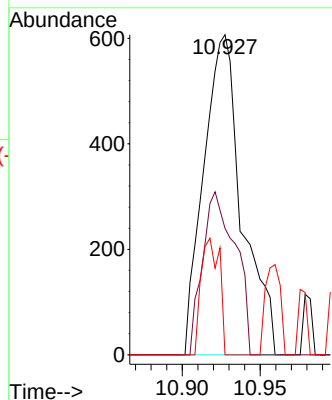
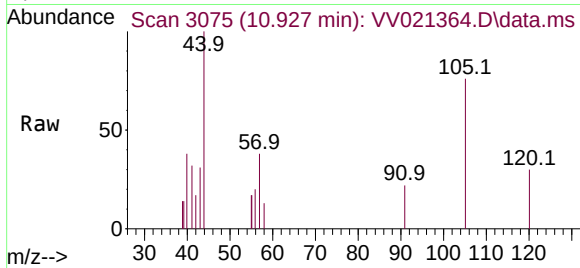




#60
Isopropylbenzene
Concen: 0.01 ug/L
RT: 10.927 min Scan# 3075
Delta R.T. 0.997 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

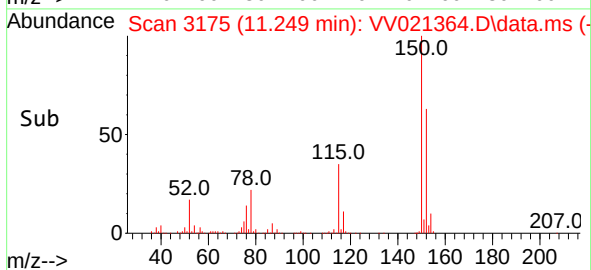
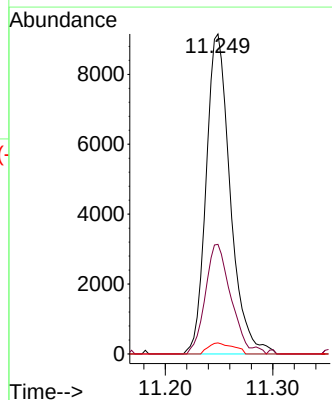
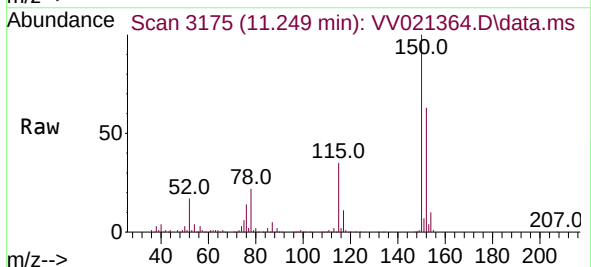
Instrument :
MSVOA_V
ClientSampled :

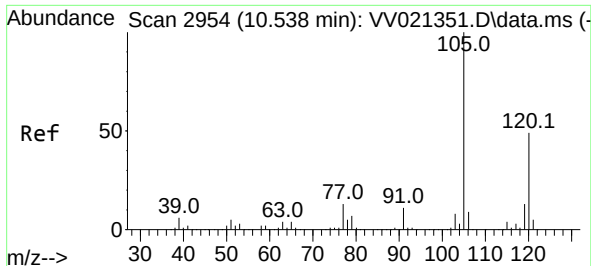
Tgt Ion:	105	Resp:	1040
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.7	32.5#
77	17.3	12.3	18.5



#61
1,2,3-Trichloropropane
Concen: 1.35 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion:	75	Resp:	14251
Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.1	39.1
110	3.6	33.2	49.8#

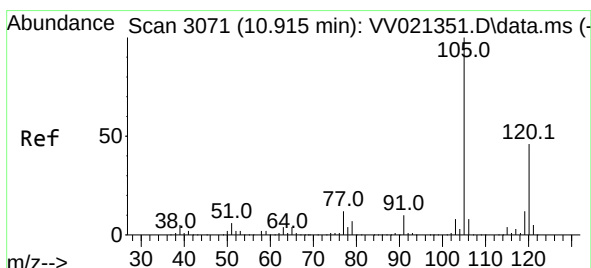
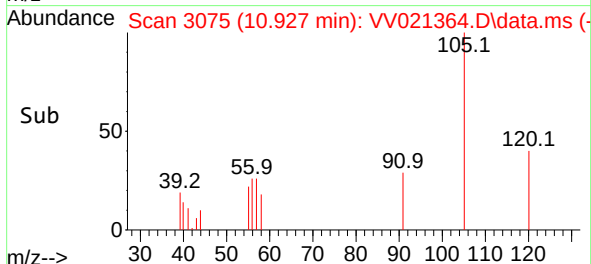
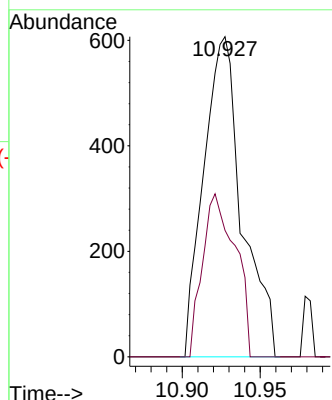
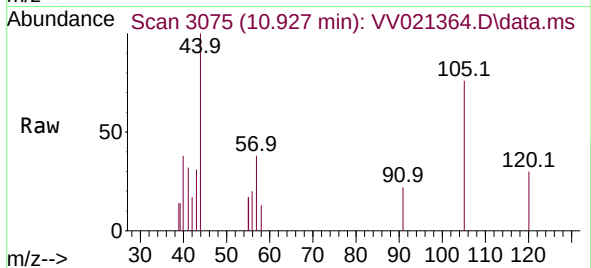




#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 10.927 min Scan# 3075
Delta R.T. 0.389 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

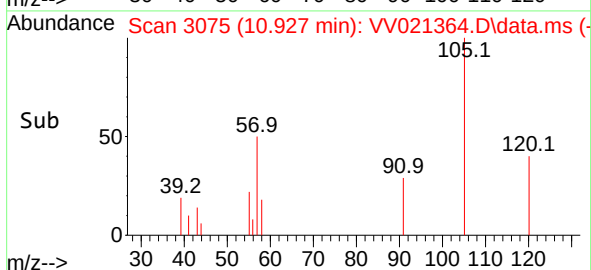
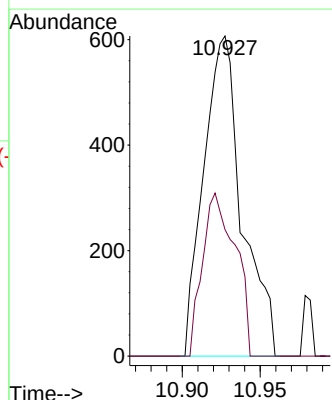
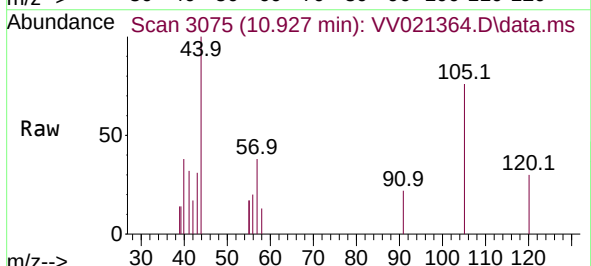
Instrument :
MSVOA_V
ClientSampled :

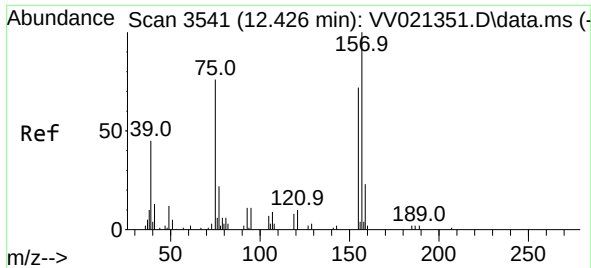
Tgt Ion:105 Resp: 1040
Ion Ratio Lower Upper
105 100
120 43.5 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 0.01 ug/L
RT: 10.927 min Scan# 3075
Delta R.T. 0.013 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion:105 Resp: 1040
Ion Ratio Lower Upper
105 100
120 43.5 36.7 55.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.11 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV021364.D
 Acq: 21 May 2021 17:22

Instrument :
 MSVOA_V
 ClientSampleId :

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

