

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021371.D
 Acq On : 21 May 2021 20:13
 Operator : SY/MD
 Sample : M2494-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

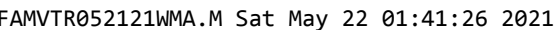
Quant Time: May 22 01:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

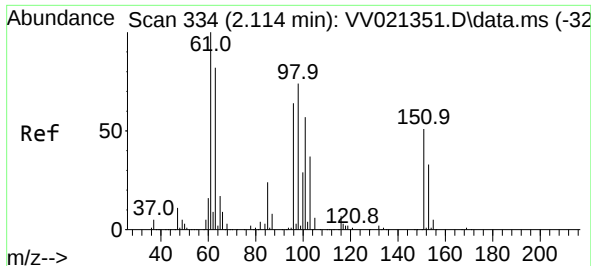
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	270474	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	252912	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135989	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76413	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.565	69	65420	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.105	63	99605	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.905	46	229480	48.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.34%
24) Chloroform-d	4.352	84	163615	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.037	65	80221	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.053	84	337085	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.072	67	107246	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.320	98	312397	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloroprop...	7.629	79	43728	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.092	63	149620	42.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.86%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60419	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	126950	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	4357	0.29	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	3542	0.11	ug/L #	92
25) Chloroform	4.375	83	3523	0.10	ug/L	86
35) Methylcyclohexane	6.076	83	25858	0.79	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	11345	0.65	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2867	0.10	ug/L #	57
42) Toluene	7.404	91	6847	0.09	ug/L	89
48) 2-Hexanone	8.146	43	41167	5.13	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	14097	1.40	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.921	105	887	0.01	ug/L	90
63) 1,2,4-Trimethylbenzene	10.921	105	887	0.01	ug/L	94

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

Quant Time: May 22 01:41:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.29 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

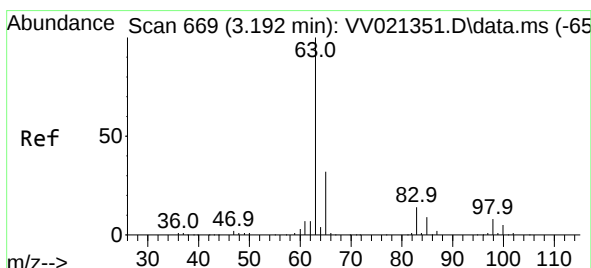
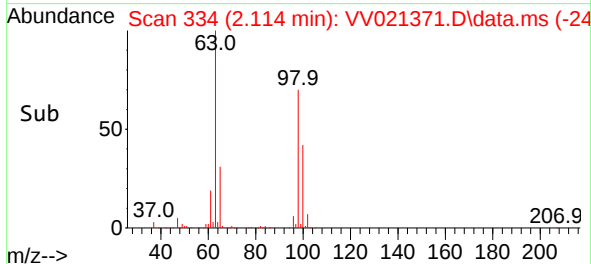
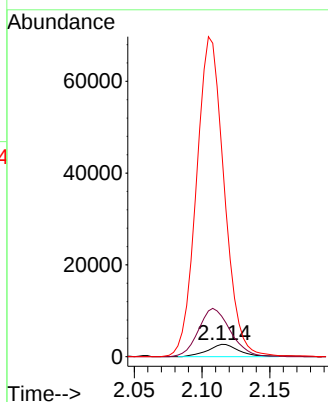
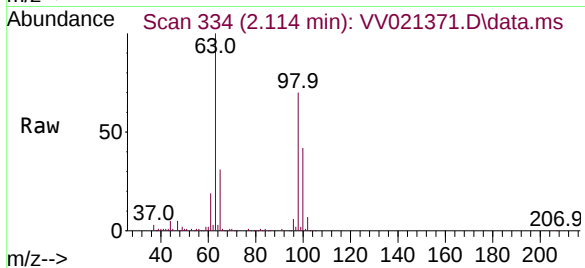
Lab File: VV021371.D

Acq: 21 May 2021 20:13

Tgt Ion: 96 Resp: 4357

Ion	Ratio	Lower	Upper
96	100		
61	330.0	109.8	204.0#
63	1700.0	71.3	132.3#

Instrument :
MSVOA_V
ClientSampleId :



#19

1,1-Dichloroethane

Concen: 0.11 ug/L

RT: 3.198 min Scan# 671

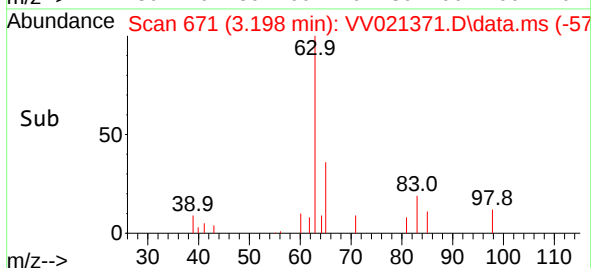
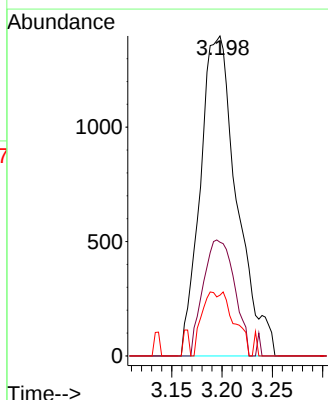
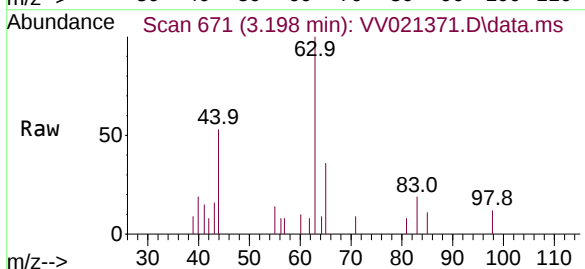
Delta R.T. 0.006 min

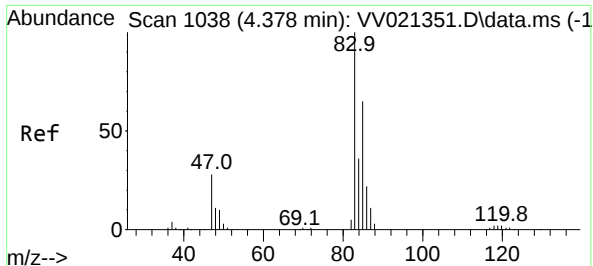
Lab File: VV021371.D

Acq: 21 May 2021 20:13

Tgt Ion: 63 Resp: 3542

Ion	Ratio	Lower	Upper
63	100		
65	35.5	22.3	41.5
83	19.0	9.7	17.9#





#25

Chloroform

Concen: 0.10 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV021371.D

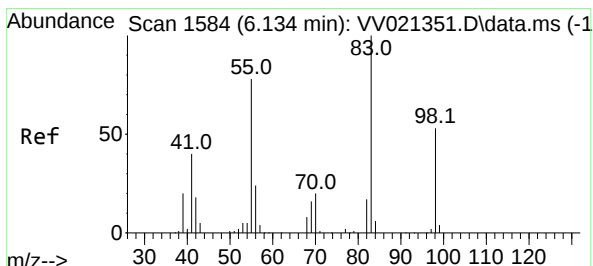
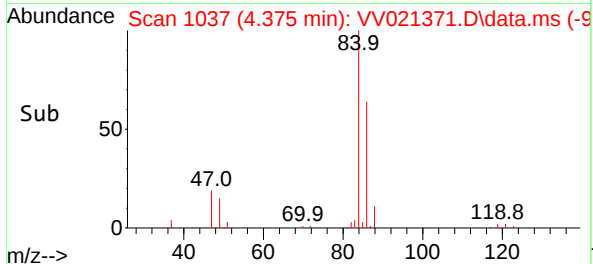
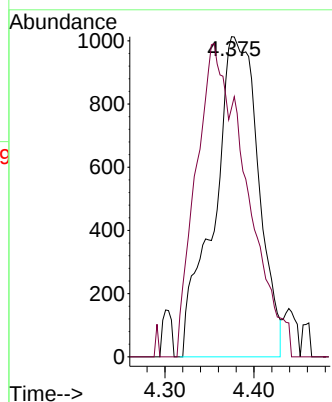
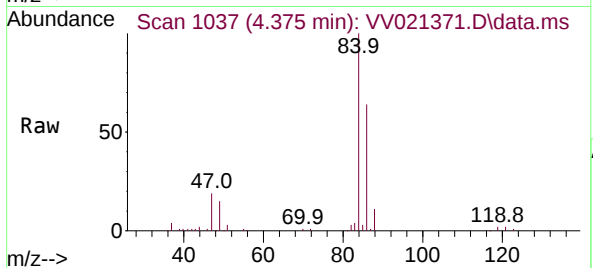
Acq: 21 May 2021 20:13

Tgt Ion: 83 Resp: 3523

Ion Ratio Lower Upper

83 100

85 77.7 46.4 86.2



#35

Methylcyclohexane

Concen: 0.79 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV021371.D

Acq: 21 May 2021 20:13

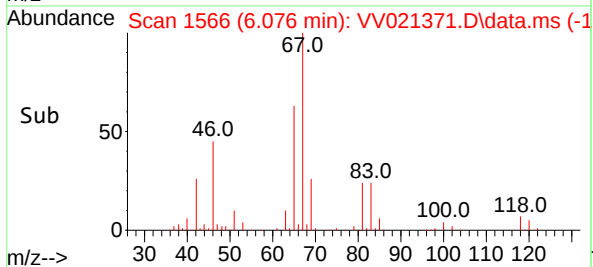
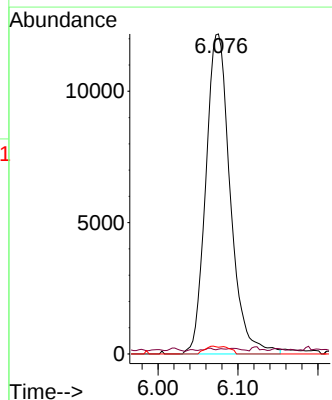
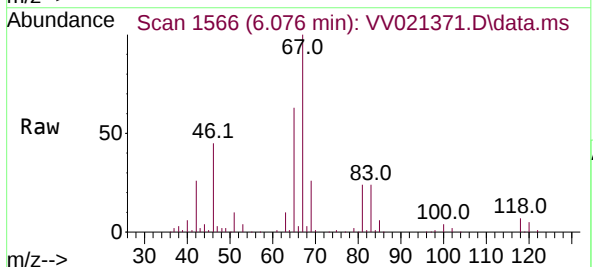
Tgt Ion: 83 Resp: 25858

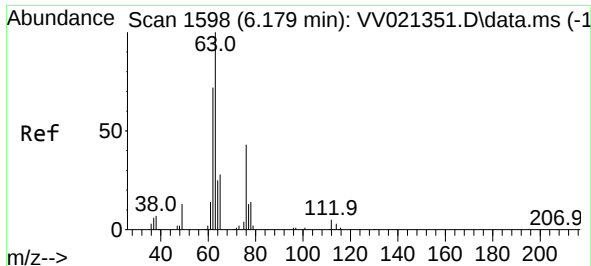
Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.0 40.1 60.1#

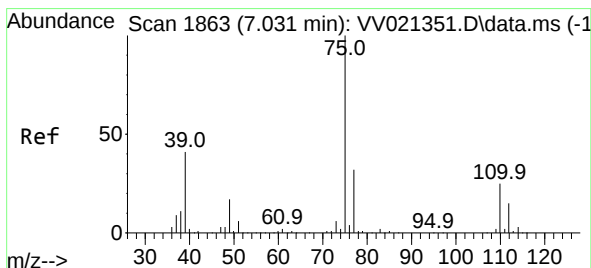
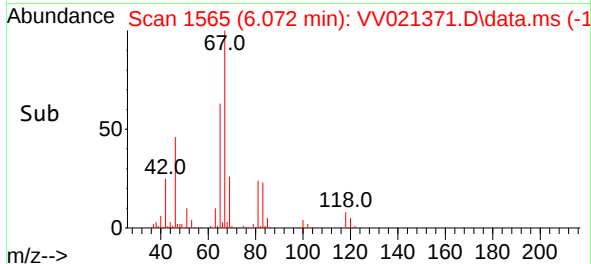
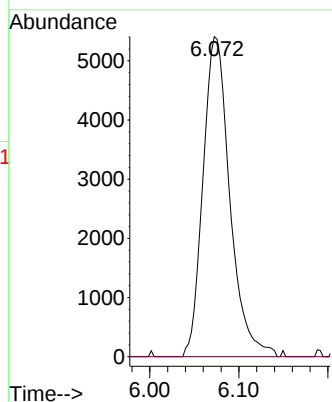
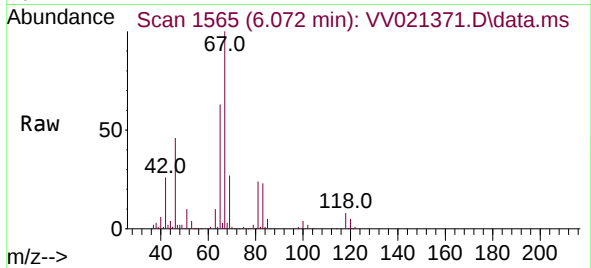




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV021371.D
Acq: 21 May 2021 20:13

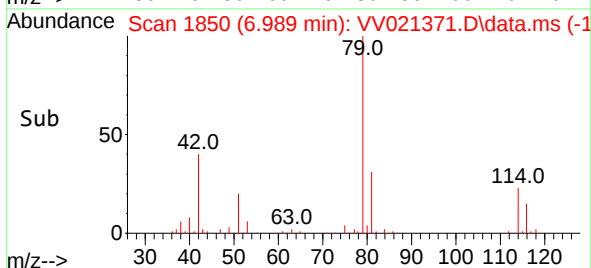
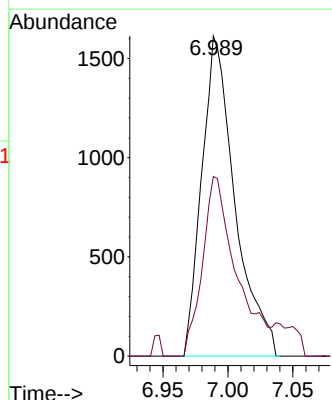
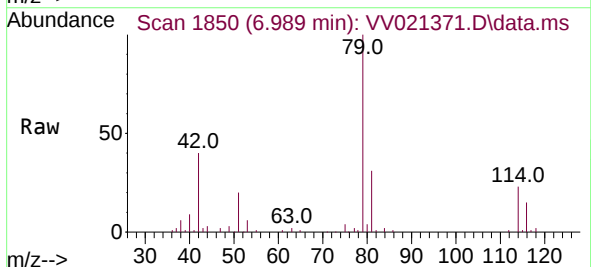
Instrument :
MSVOA_V
ClientSampled :

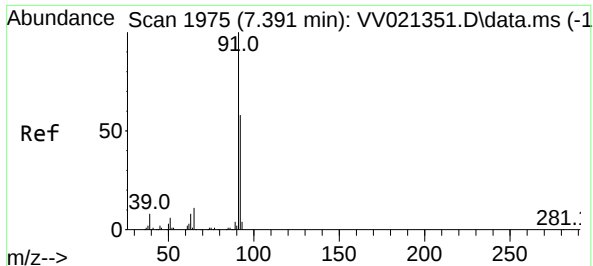
Tgt Ion: 63 Resp: 11345
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV021371.D
Acq: 21 May 2021 20:13

Tgt Ion: 75 Resp: 2867
Ion Ratio Lower Upper
75 100
77 56.1 22.5 41.9#





#42

Toluene

Concen: 0.09 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.013 min

Lab File: VV021371.D

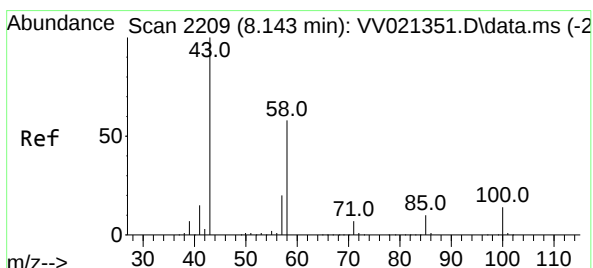
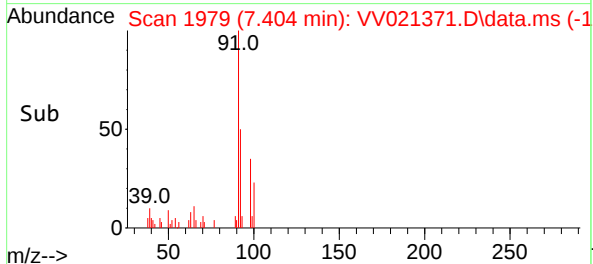
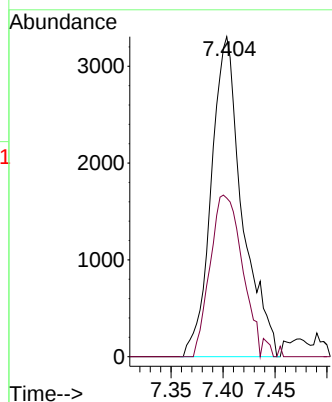
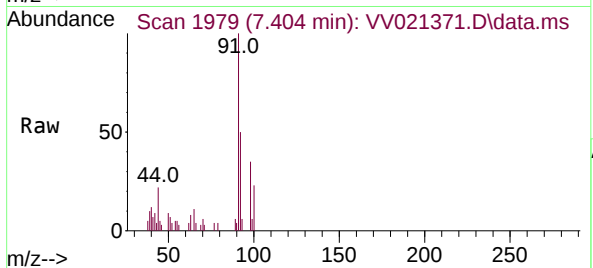
Acq: 21 May 2021 20:13

Tgt Ion: 91 Resp: 6847

Ion Ratio Lower Upper

91 100

92 49.5 40.5 75.1



#48

2-Hexanone

Concen: 5.13 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV021371.D

Acq: 21 May 2021 20:13

Tgt Ion: 43 Resp: 41167

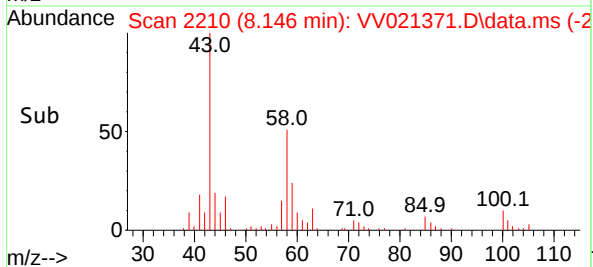
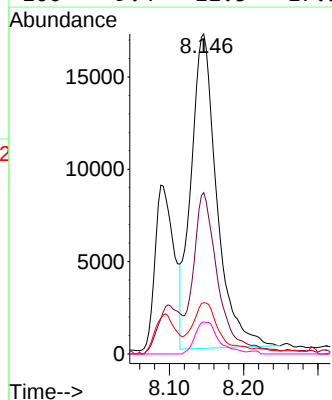
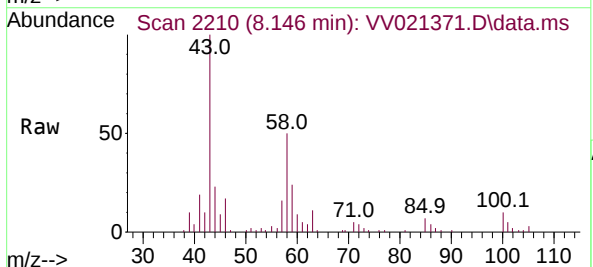
Ion Ratio Lower Upper

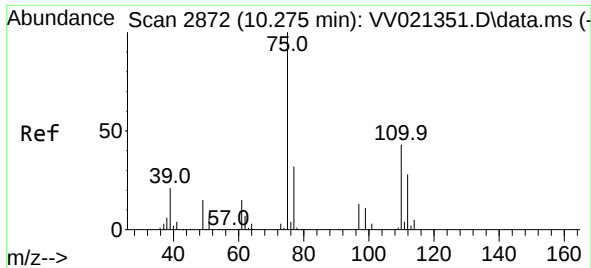
43 100

58 46.6 47.8 71.8#

57 14.5 16.6 24.8#

100 9.4 11.5 17.3#

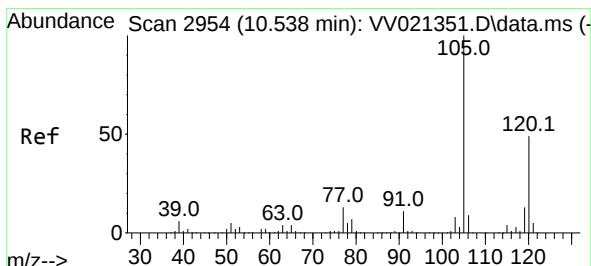
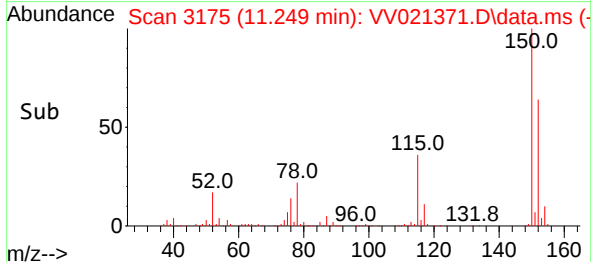
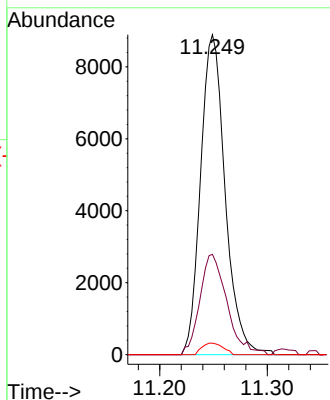
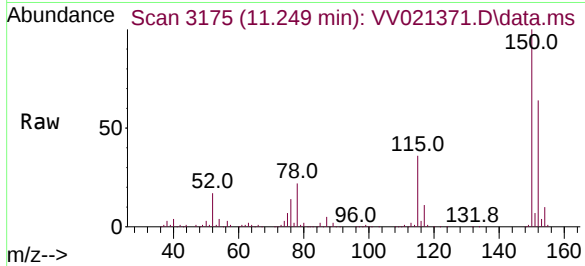




#61
1,2,3-Trichloropropane
Concen: 1.40 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021371.D
Acq: 21 May 2021 20:13

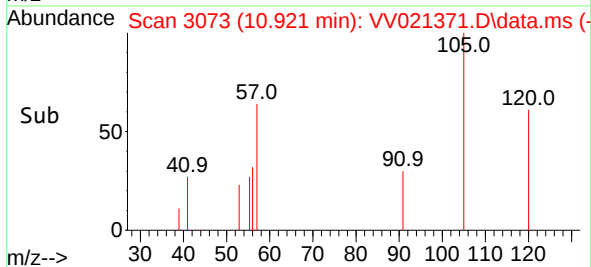
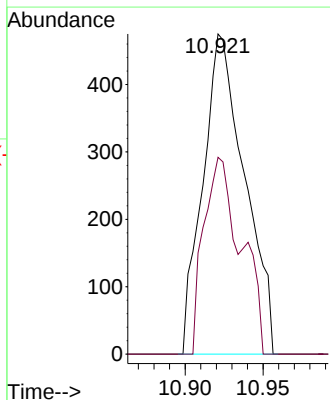
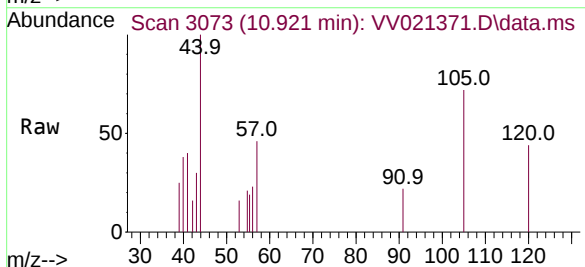
Instrument :
MSVOA_V
ClientSampled :

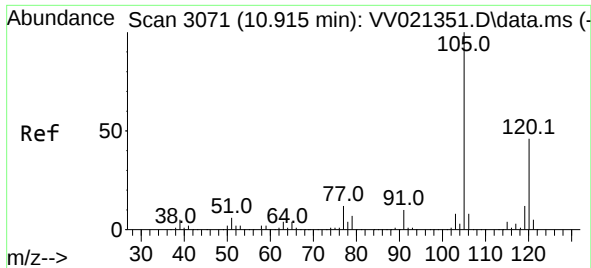
Tgt Ion: 75 Resp: 14097
Ion Ratio Lower Upper
75 100
77 34.6 26.1 39.1
110 3.1 33.2 49.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV021371.D
Acq: 21 May 2021 20:13

Tgt Ion: 105 Resp: 887
Ion Ratio Lower Upper
105 100
120 42.2 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: VV021371.D
 Acq: 21 May 2021 20:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 887
 Ion Ratio Lower Upper
 105 100
 120 42.2 36.7 55.1

