

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021370.D
 Acq On : 21 May 2021 19:49
 Operator : SY/MD
 Sample : M2494-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:41:15 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)

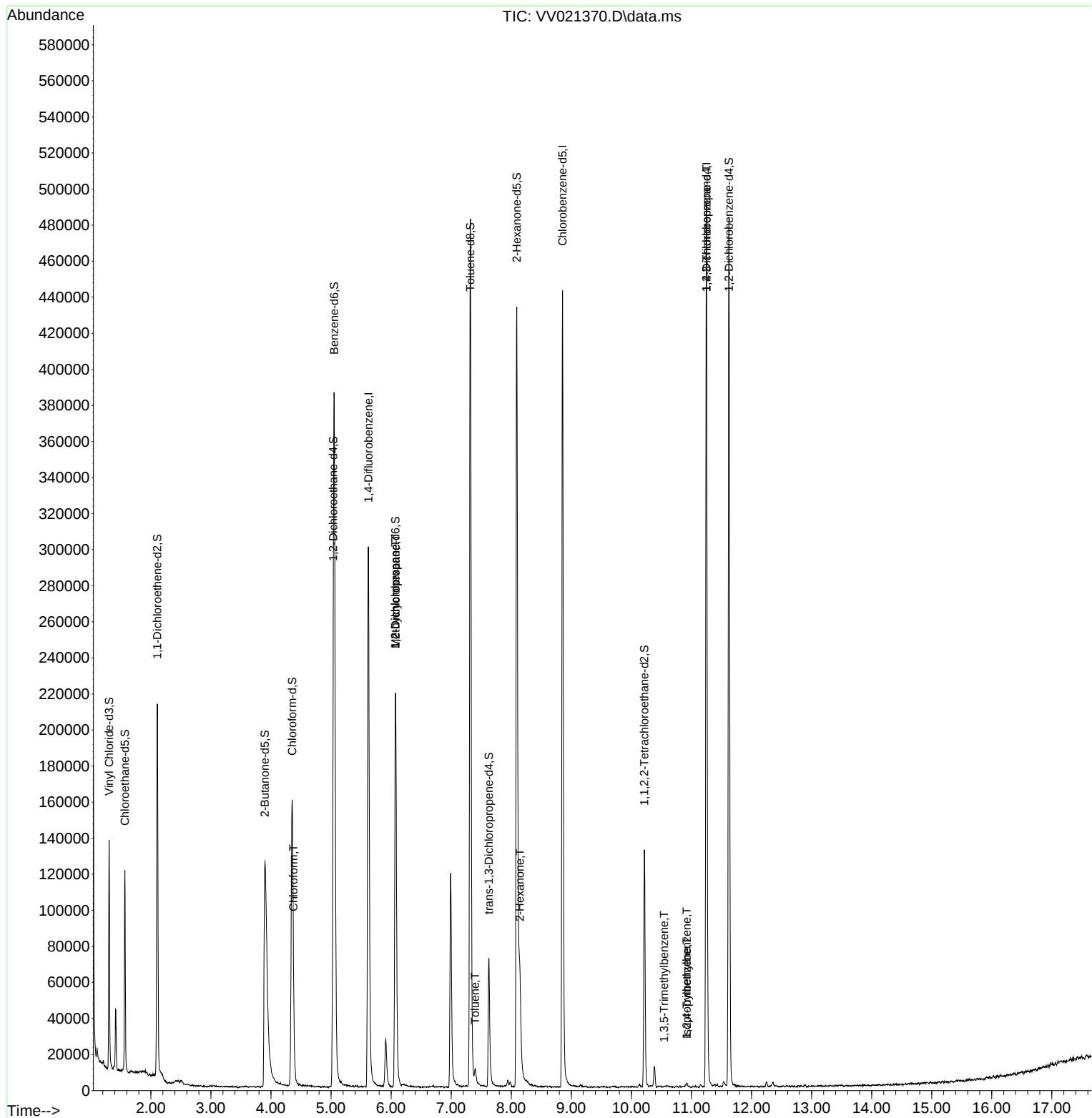
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	278550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	259657	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138258	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81430	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.568	69	69478	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.108	63	104672	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.899	46	235321	48.46	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.352	84	172500	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.037	65	83625	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.053	84	359906	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.072	67	112696	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.320	98	328724	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	7.628	79	43743	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.091	63	156681	43.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.58%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	64067	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	135132	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds					Qvalue	
25) Chloroform	4.375	83	3657	0.11	ug/L #	72
35) Methylcyclohexane	6.072	83	27474	0.82	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	11826	0.66	ug/L #	85
42) Toluene	7.397	91	6830	0.08	ug/L	97
48) 2-Hexanone	8.143	43	43377	5.26	ug/L #	83
60) Isopropylbenzene	10.921	105	1356	0.02	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	14028	1.37	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.545	105	244	0.00	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.921	105	1356	0.02	ug/L #	82

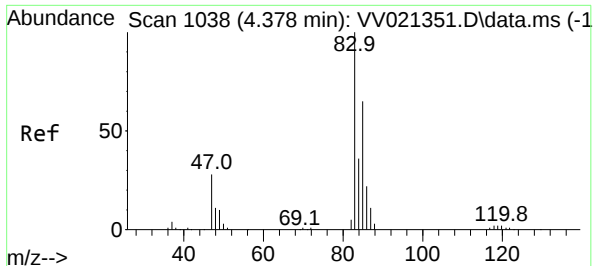
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#25

Chloroform

Concen: 0.11 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV021370.D

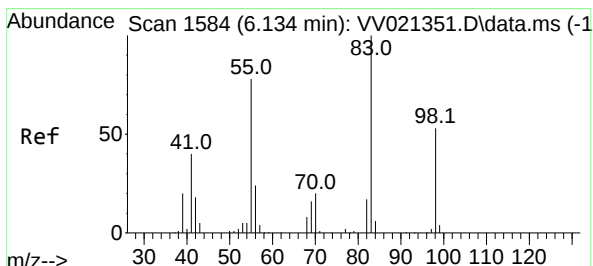
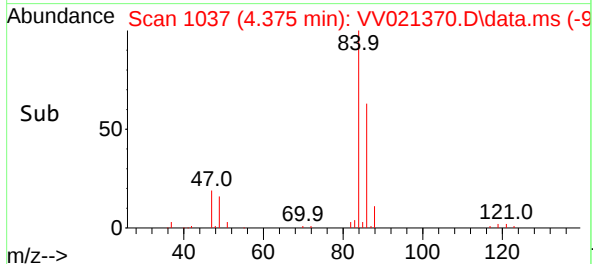
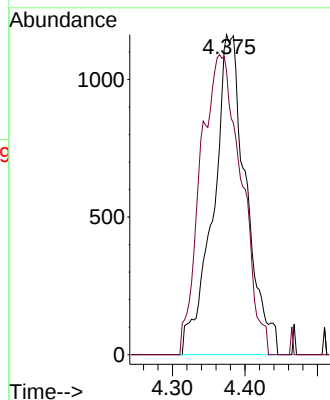
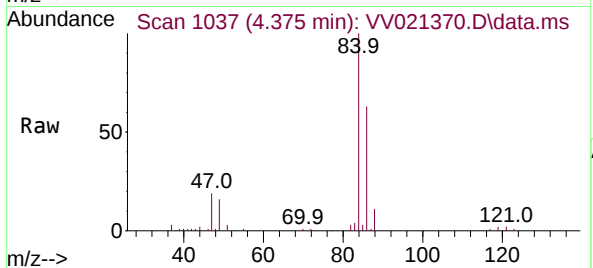
Acq: 21 May 2021 19:49

Tgt Ion: 83 Resp: 3657

Ion Ratio Lower Upper

83 100

85 88.7 46.4 86.2#



#35

Methylcyclohexane

Concen: 0.82 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV021370.D

Acq: 21 May 2021 19:49

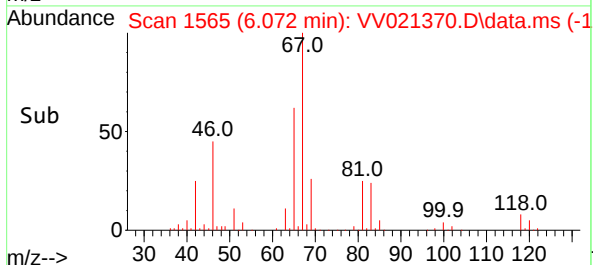
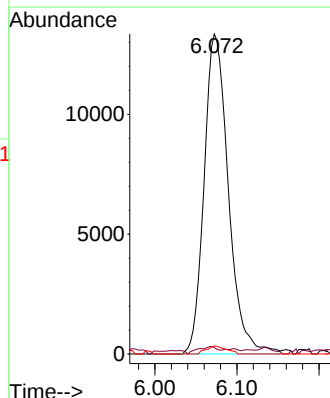
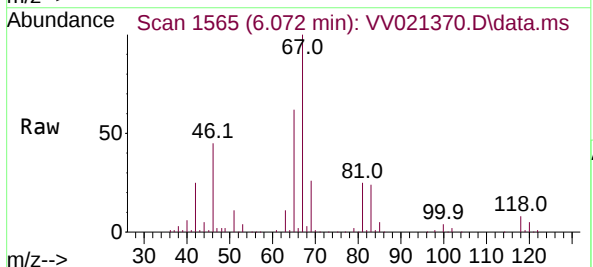
Tgt Ion: 83 Resp: 27474

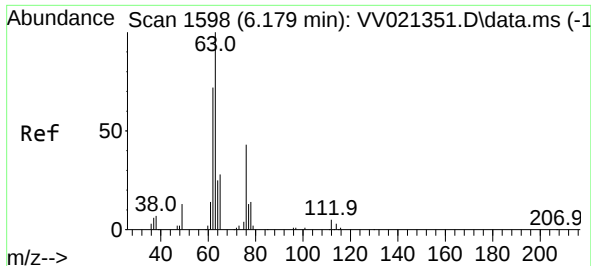
Ion Ratio Lower Upper

83 100

55 1.8 59.1 88.7#

98 2.0 40.1 60.1#

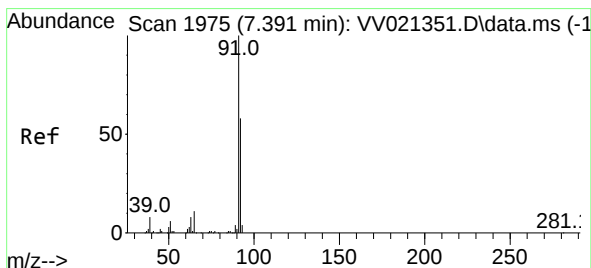
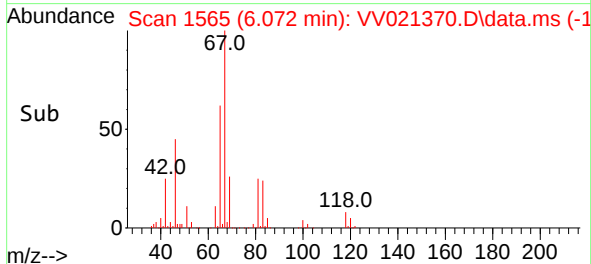
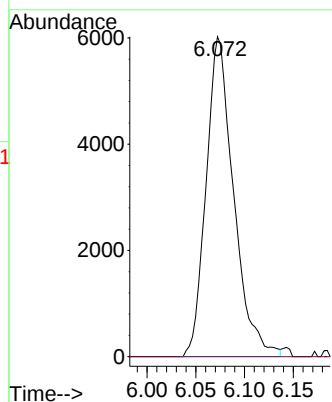
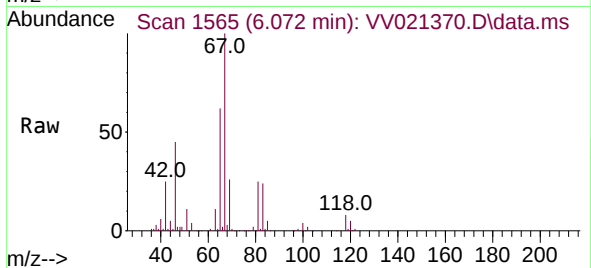




#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

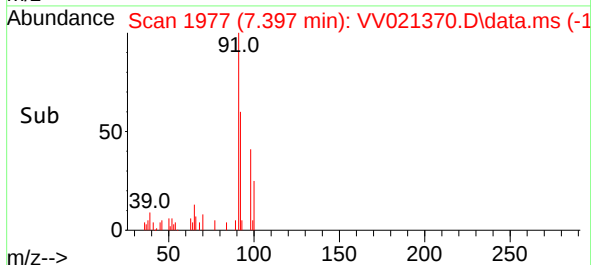
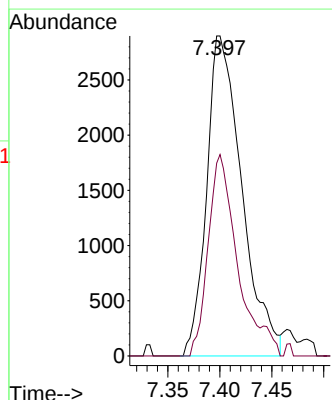
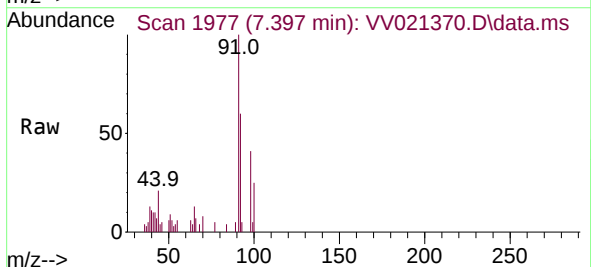
Instrument :
MSVOA_V
ClientSampled :

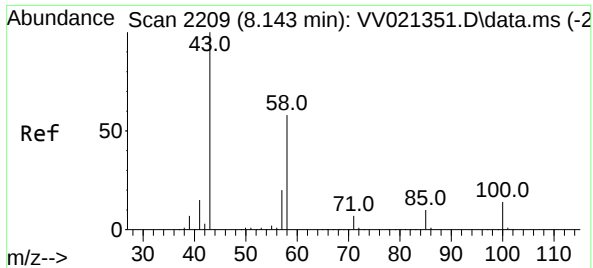
Tgt Ion: 63 Resp: 11826
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.08 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

Tgt Ion: 91 Resp: 6830
Ion Ratio Lower Upper
91 100
92 60.3 40.5 75.1

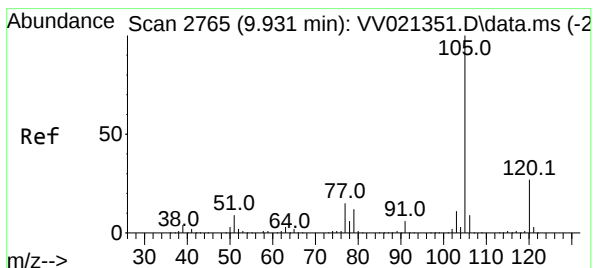
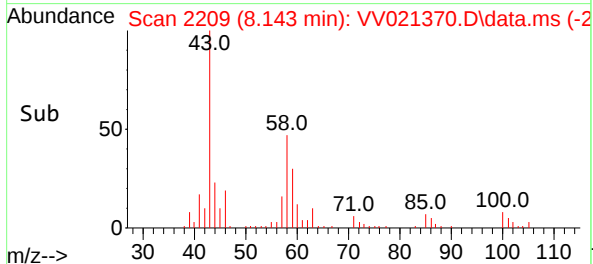
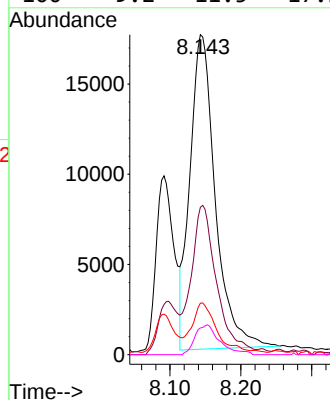
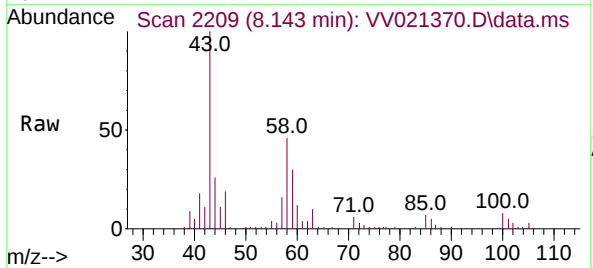




#48
2-Hexanone
Concen: 5.26 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

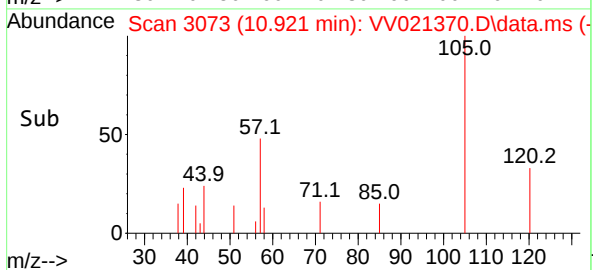
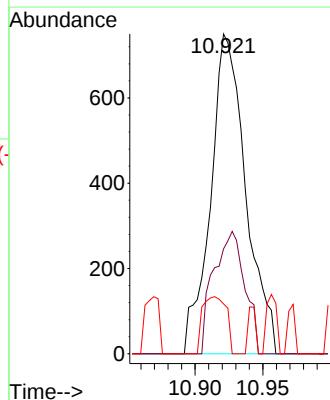
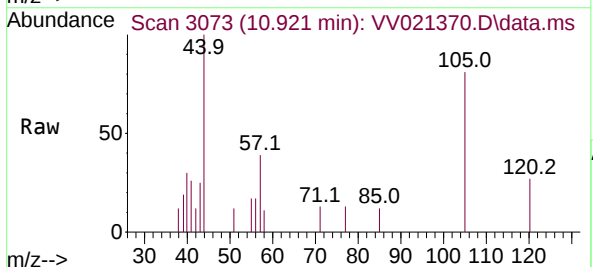
Instrument :
MSVOA_V
ClientSampleId :

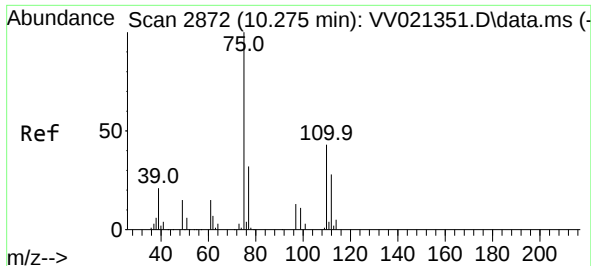
Tgt Ion:	43	Resp:	43377
Ion	Ratio	Lower	Upper
43	100		
58	45.3	47.8	71.8#
57	14.2	16.6	24.8#
100	9.2	11.5	17.3#



#60
Isopropylbenzene
Concen: 0.02 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.990 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

Tgt Ion:	105	Resp:	1356
Ion	Ratio	Lower	Upper
105	100		
120	33.9	21.7	32.5#
77	12.1	12.3	18.5#

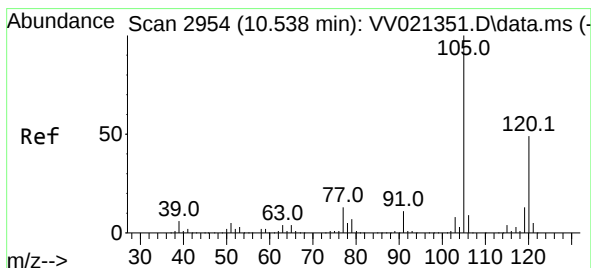
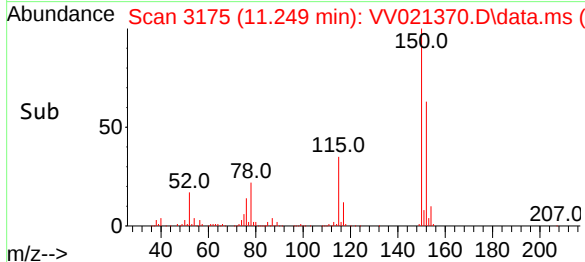
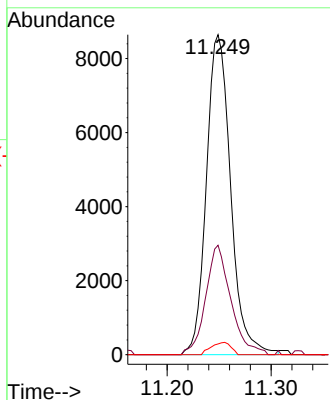
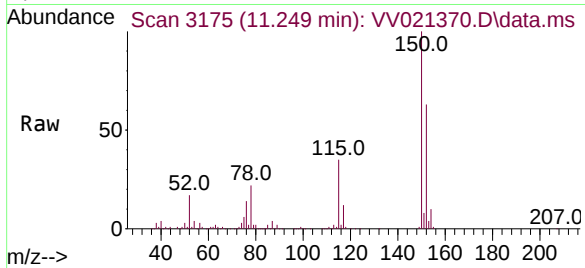




#61
1,2,3-Trichloropropane
Concen: 1.37 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

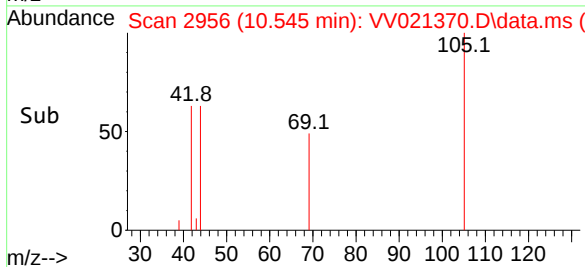
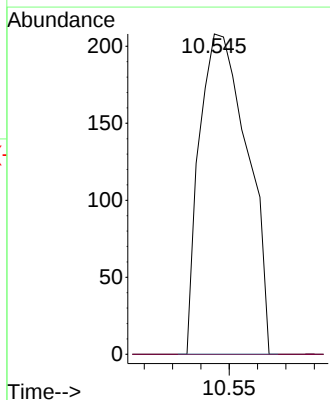
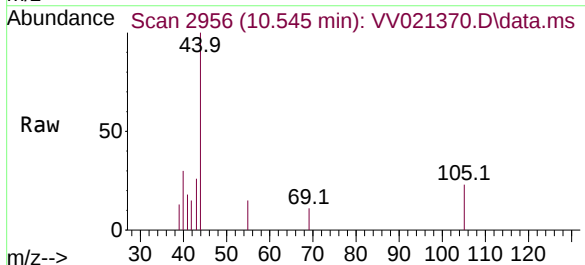
Instrument :
MSVOA_V
ClientSampled :

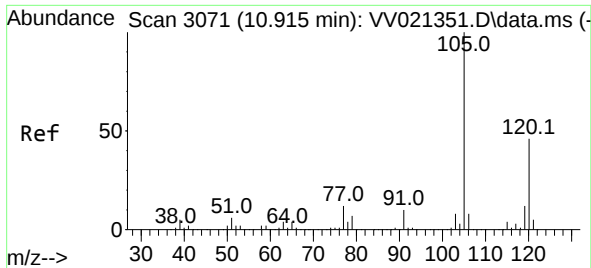
Tgt Ion: 75 Resp: 14028
Ion Ratio Lower Upper
75 100
77 35.4 26.1 39.1
110 3.2 33.2 49.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.00 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV021370.D
Acq: 21 May 2021 19:49

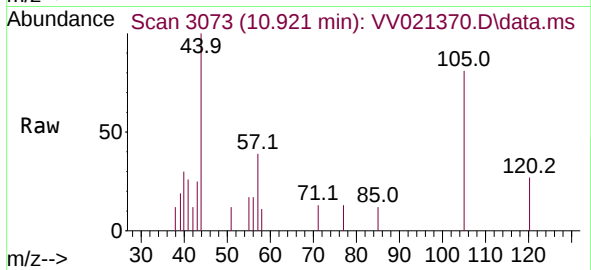
Tgt Ion: 105 Resp: 244
Ion Ratio Lower Upper
105 100
120 0.0 39.4 59.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.02 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV021370.D
 Acq: 21 May 2021 19:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1356
 Ion Ratio Lower Upper
 105 100
 120 33.9 36.7 55.1#

