

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110121\
 Data File : VV023121.D
 Acq On : 01 Nov 2021 16:55
 Operator : SY/MD
 Sample : M4400-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:17:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

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

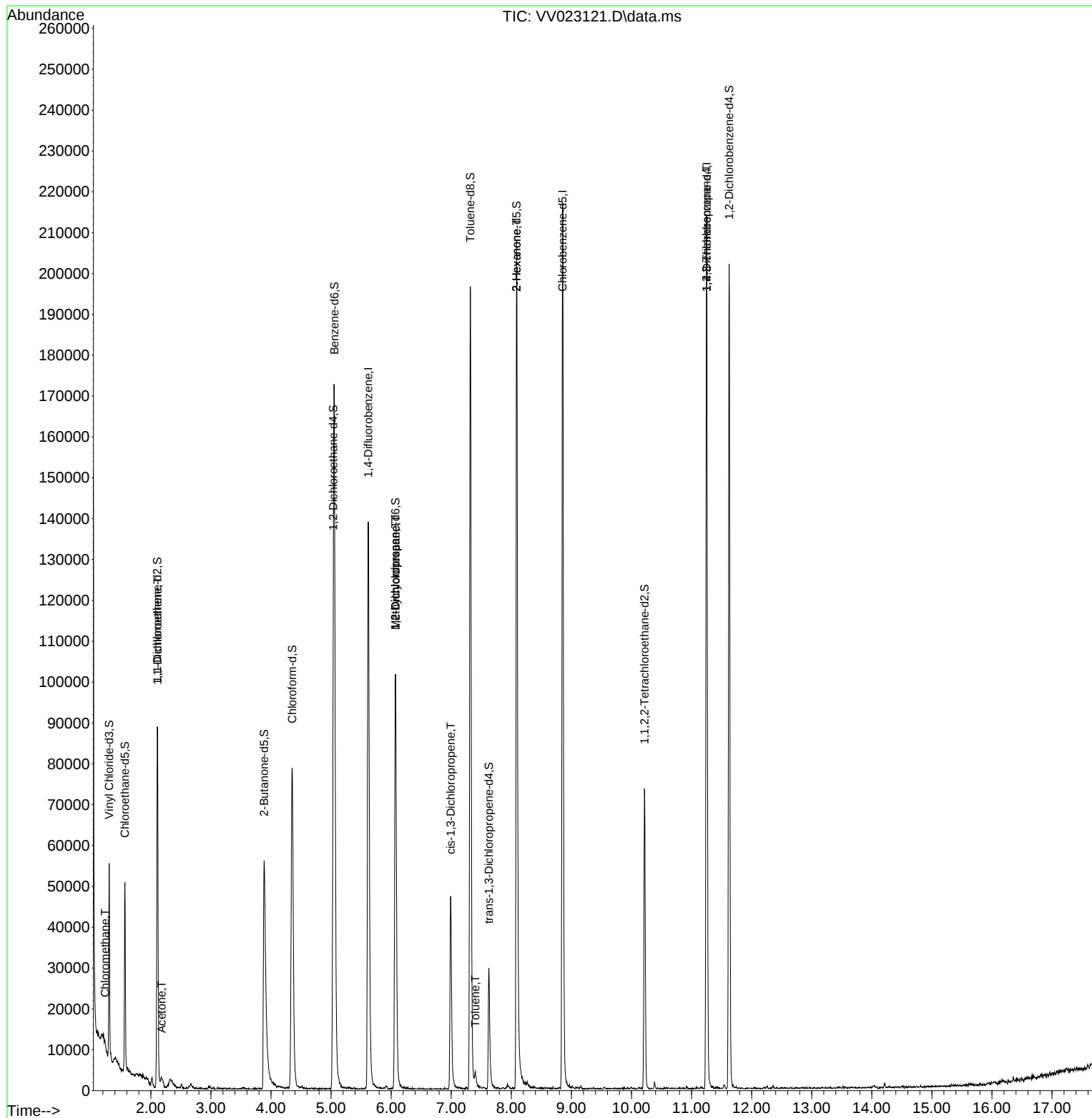
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27300	2.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.000%
7) Chloroethane-d5	1.568	69	27648	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.108	63	45127	2.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.886	46	85635	49.842	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.680%
24) Chloroform-d	4.352	84	82733	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.037	65	38483	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	155851	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	48577	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.317	98	132302	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	17083	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.088	63	69832	48.561	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34841	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	52806	5.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	646	0.077	ug/L #	79
12) 1,1-Dichloroethene	2.111	96	386	0.062	ug/L #	1
13) Acetone	2.178	43	3288	3.901	ug/L	100
35) Methylcyclohexane	6.072	83	12321	1.032	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5383	0.643	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1321	0.127	ug/L #	49
42) Toluene	7.400	91	2896	0.086	ug/L	94
48) 2-Hexanone	8.088	43	8322	2.846	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	6274	1.564	ug/L #	66

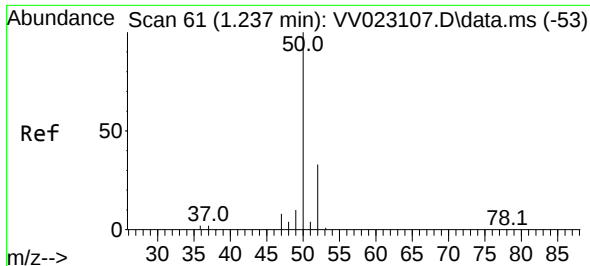
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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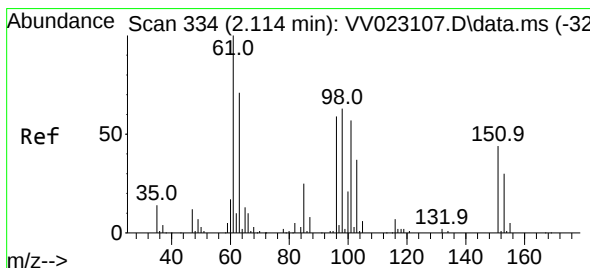
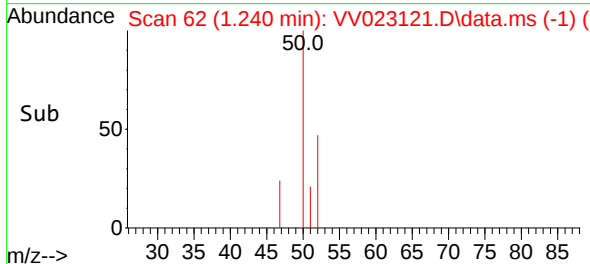
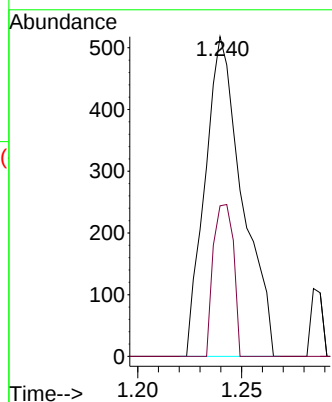
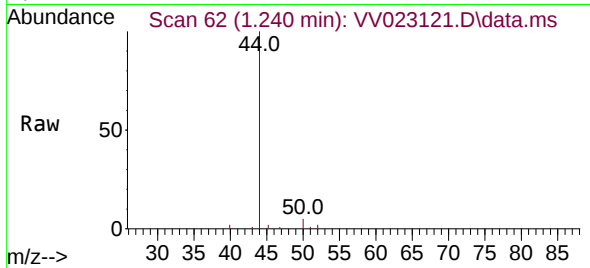




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023121.D
Acq: 01 Nov 2021 16:55

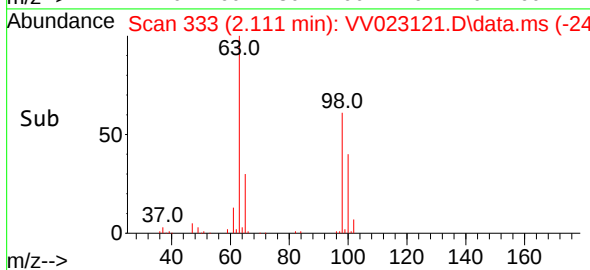
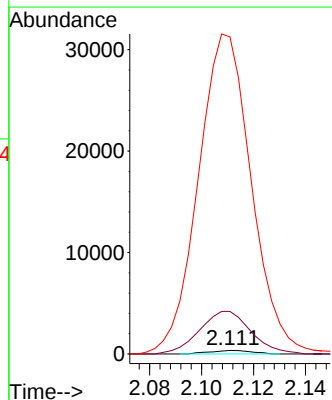
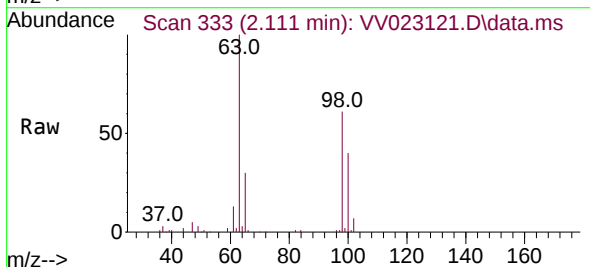
Instrument :
MSVOA_V
ClientSampleId :

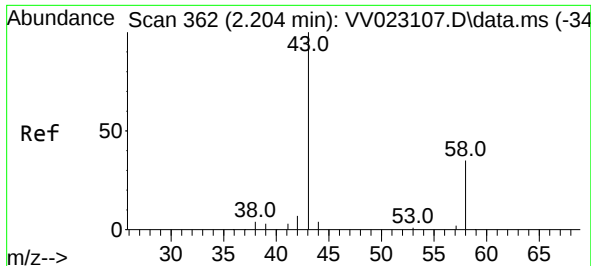
Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 47.1 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV023121.D
Acq: 01 Nov 2021 16:55

Tgt Ion: 96 Resp: 386
Ion Ratio Lower Upper
96 100
61 1208.6 121.5 225.7#
63 9012.1 99.6 185.0#





#13

Acetone

Concen: 3.901 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV023121.D

Acq: 01 Nov 2021 16:55

Instrument :

MSVOA_V

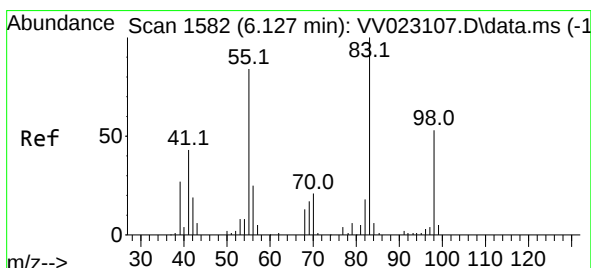
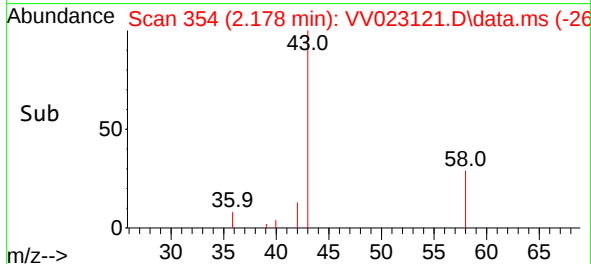
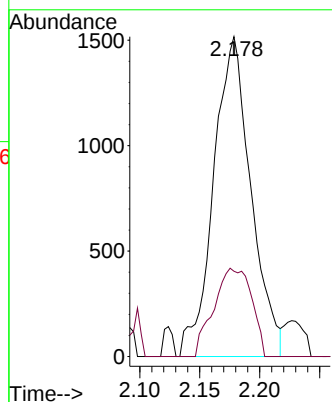
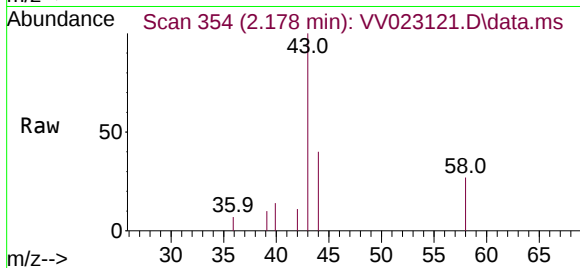
ClientSampleId :

Tgt Ion: 43 Resp: 3288

Ion Ratio Lower Upper

43 100

58 27.9 0.0 55.4



#35

Methylcyclohexane

Concen: 1.032 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023121.D

Acq: 01 Nov 2021 16:55

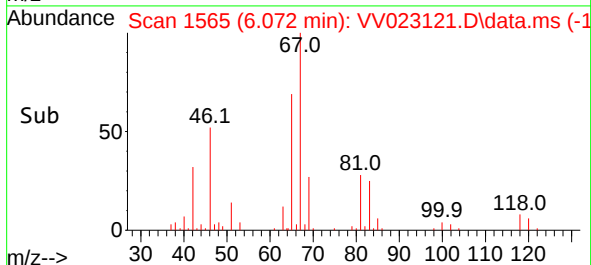
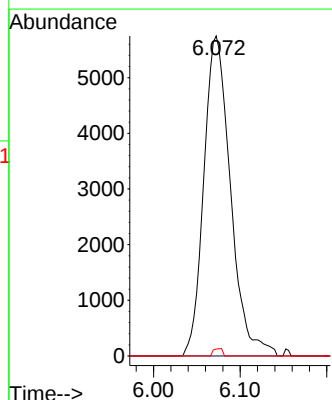
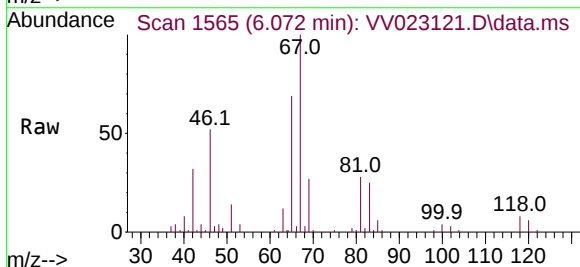
Tgt Ion: 83 Resp: 12321

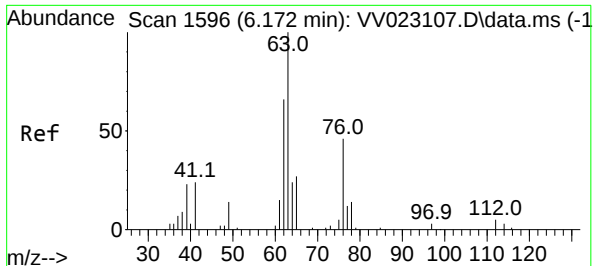
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.8 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.643 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023121.D

Acq: 01 Nov 2021 16:55

Instrument :

MSVOA_V

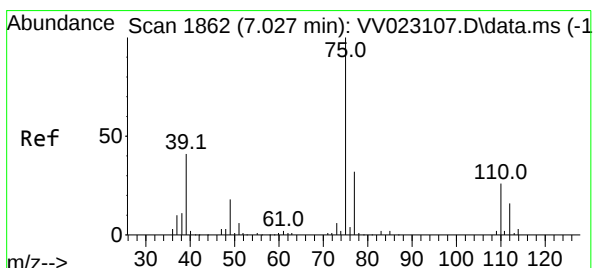
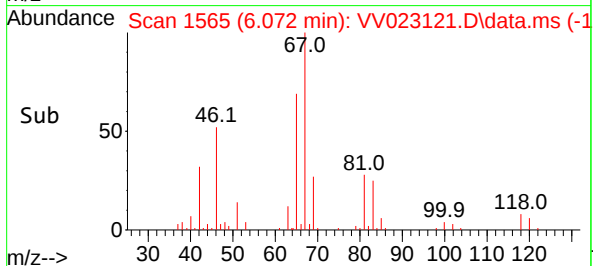
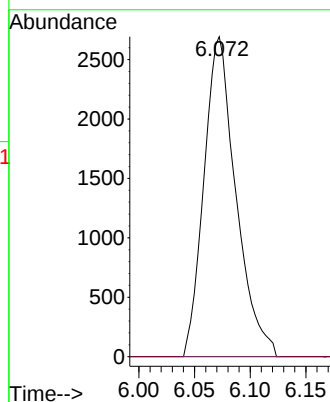
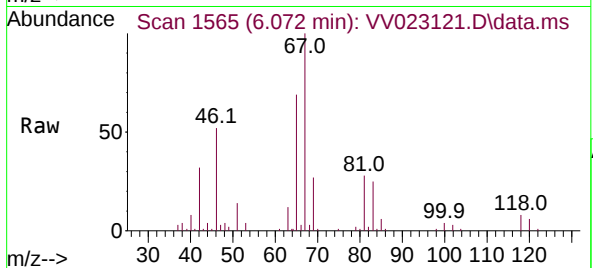
ClientSampleId :

Tgt Ion: 63 Resp: 5383

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.036 min

Lab File: VV023121.D

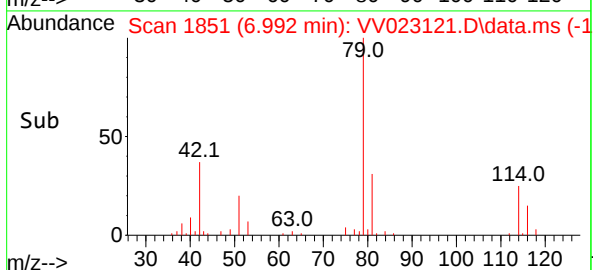
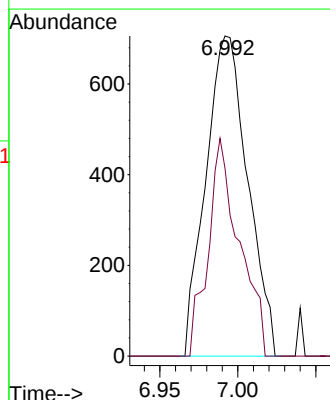
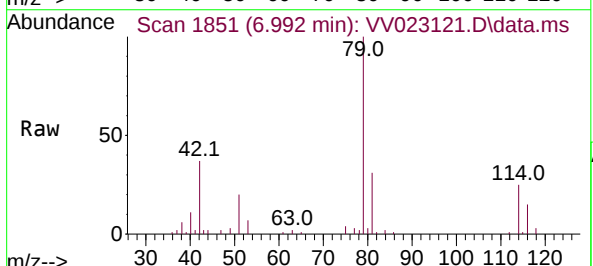
Acq: 01 Nov 2021 16:55

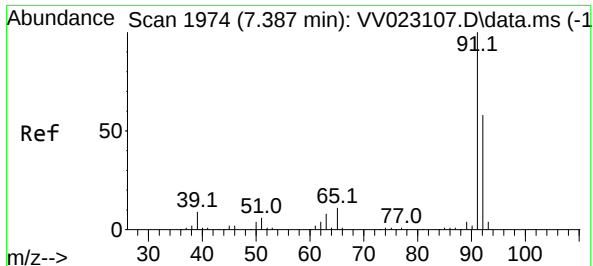
Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

77 58.6 21.6 40.2#

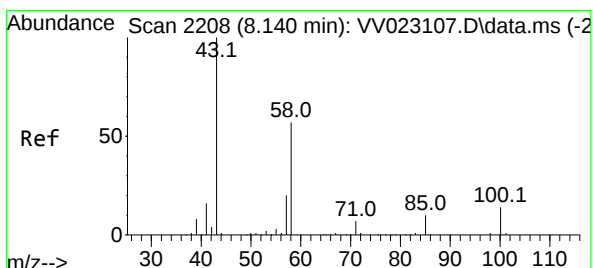
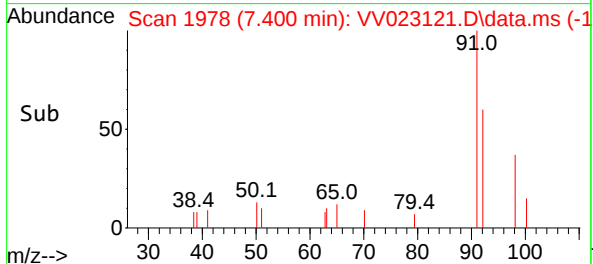
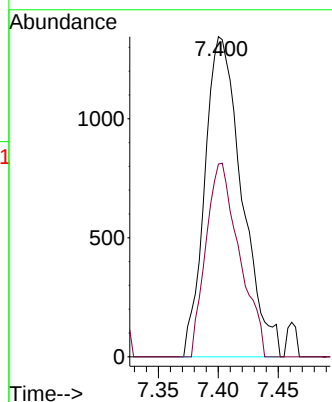
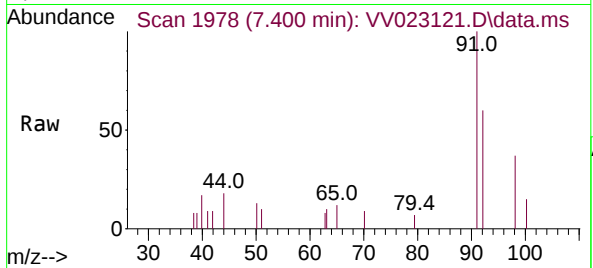




#42
Toluene
Concen: 0.086 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV023121.D
Acq: 01 Nov 2021 16:55

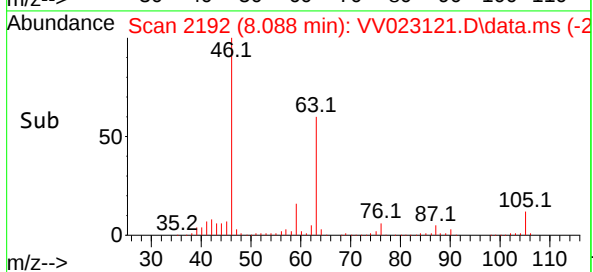
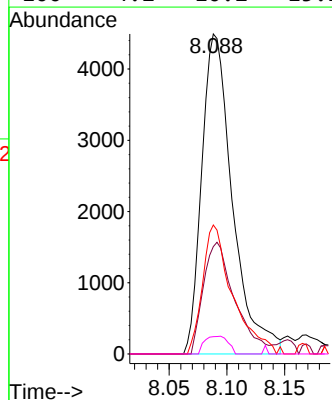
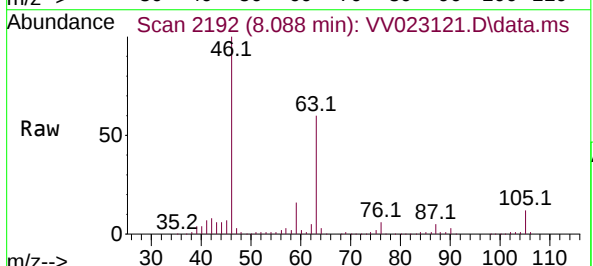
Instrument :
MSVOA_V
ClientSampleId :

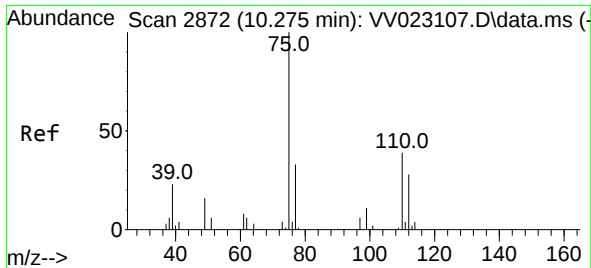
Tgt Ion: 91 Resp: 2896
Ion Ratio Lower Upper
91 100
92 60.2 39.3 72.9



#48
2-Hexanone
Concen: 2.846 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV023121.D
Acq: 01 Nov 2021 16:55

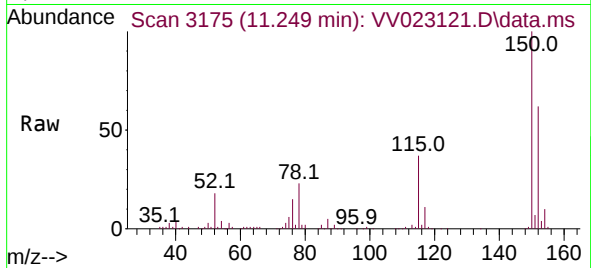
Tgt Ion: 43 Resp: 8322
Ion Ratio Lower Upper
43 100
58 35.6 43.7 65.5#
57 39.4 14.1 21.1#
100 4.2 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.564 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023121.D
 Acq: 01 Nov 2021 16:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6274
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.6 39.8
 110 1.9 31.8 47.6#

