

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023157.D
 Acq On : 02 Nov 2021 19:07
 Operator : SY/MD
 Sample : M4400-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 23:33:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

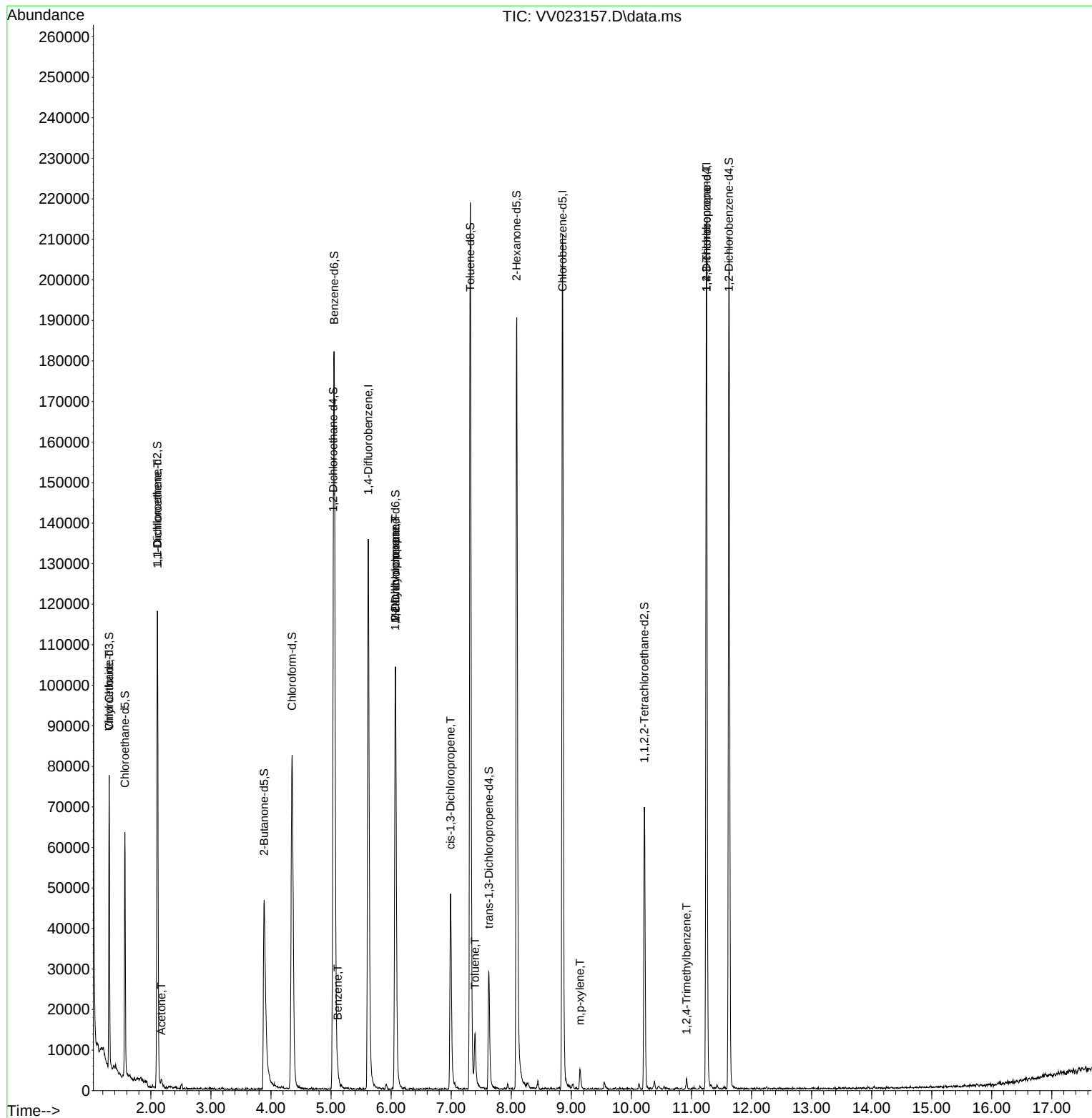
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119014	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44522	4.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.568	69	35293	5.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.108	63	61072	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.886	46	78719	47.186	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.352	84	86580	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.037	65	40435	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	168352	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.072	67	50805	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.317	98	146493	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.629	79	17210	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	63776	46.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33975	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	54902	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
8) Chloroethane	1.307	64	569	0.129	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	521	0.086	ug/L #	1
13) Acetone	2.175	43	2706	3.306	ug/L	99
33) Benzene	5.111	78	2868	0.090	ug/L	100
35) Methylcyclohexane	6.072	83	12598	1.101	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5814	0.725	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1292	0.129	ug/L #	63
42) Toluene	7.397	91	10074	0.313	ug/L	93
53) m,p-xylene	9.143	106	1696	0.132	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	6228	1.524	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.918	105	1345	0.057	ug/L	86

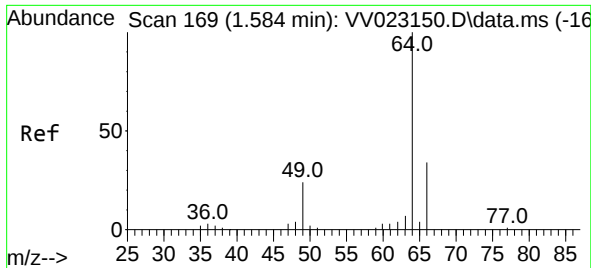
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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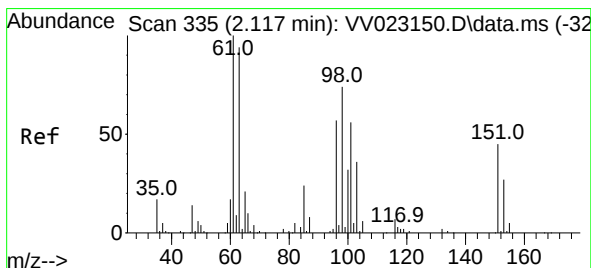
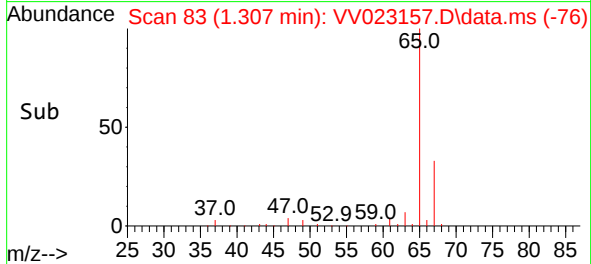
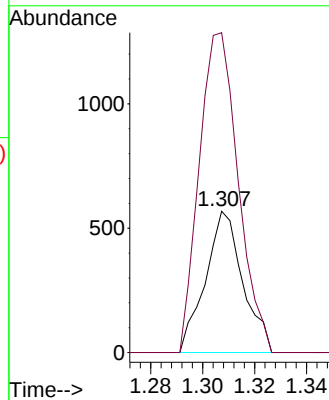
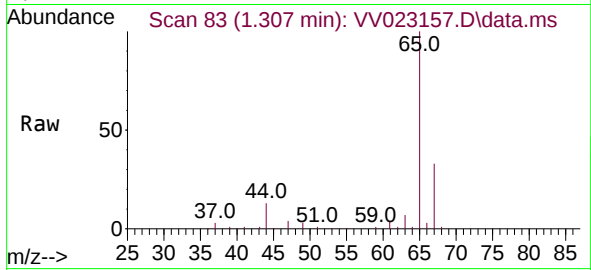




#8
Chloroethane
Concen: 0.129 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

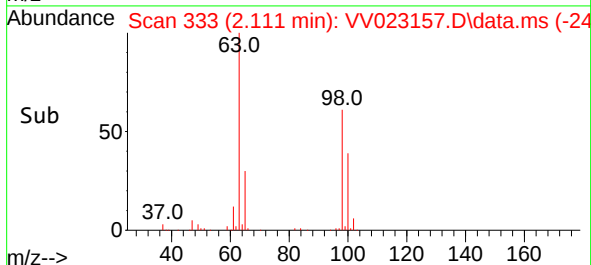
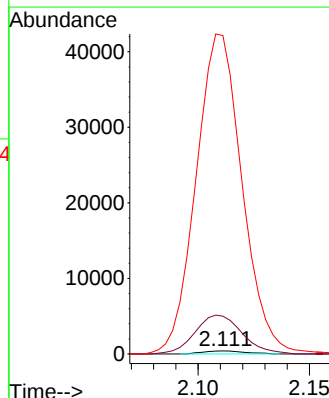
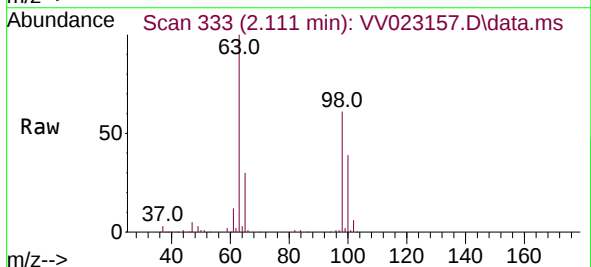
Instrument :
MSVOA_V
ClientSampleId :

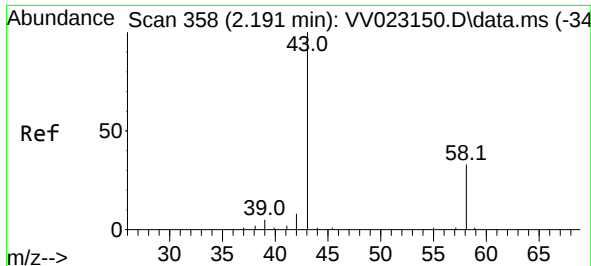
Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 226.4 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

Tgt Ion: 96 Resp: 521
Ion Ratio Lower Upper
96 100
61 1263.4 121.5 225.7#
63 10640.4 99.6 185.0#





#13

Acetone

Concen: 3.306 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023157.D

Acq: 02 Nov 2021 19:07

Instrument :

MSVOA_V

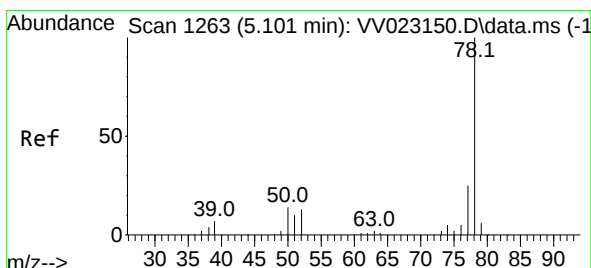
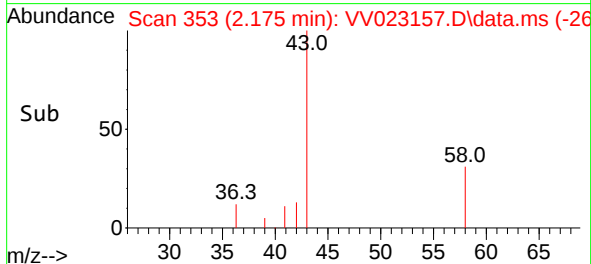
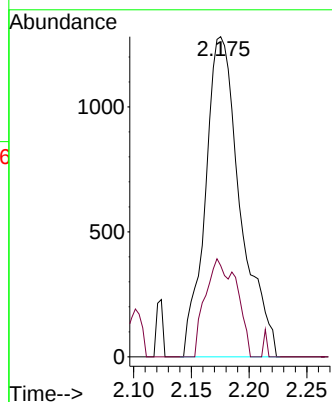
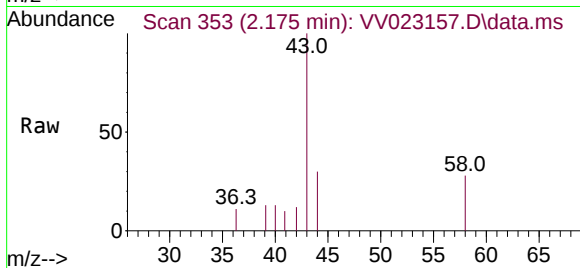
ClientSampleId :

Tgt Ion: 43 Resp: 2706

Ion Ratio Lower Upper

43 100

58 27.2 0.0 55.4



#33

Benzene

Concen: 0.090 ug/L

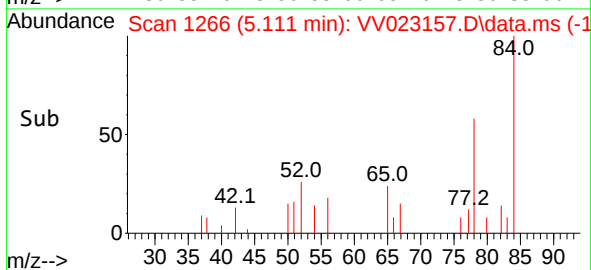
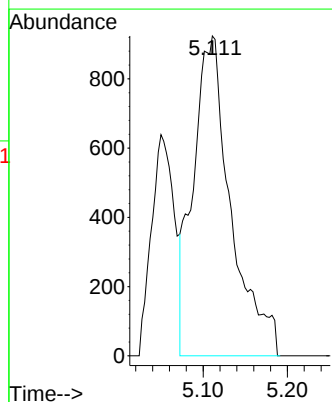
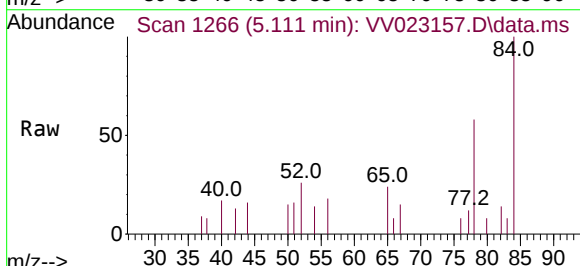
RT: 5.111 min Scan# 1266

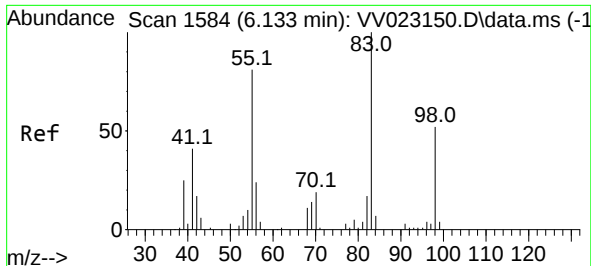
Delta R.T. 0.010 min

Lab File: VV023157.D

Acq: 02 Nov 2021 19:07

Tgt Ion: 78 Resp: 2868

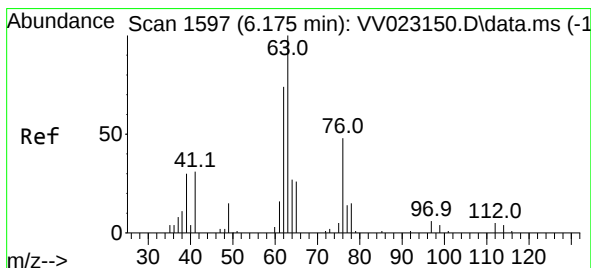
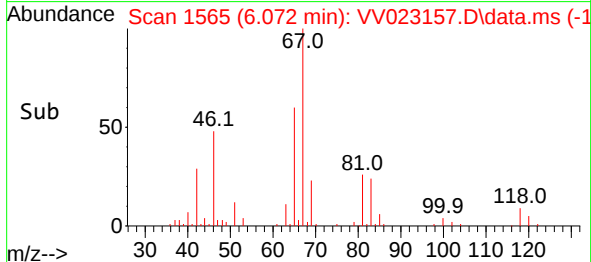
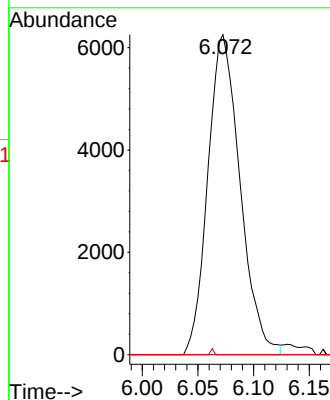
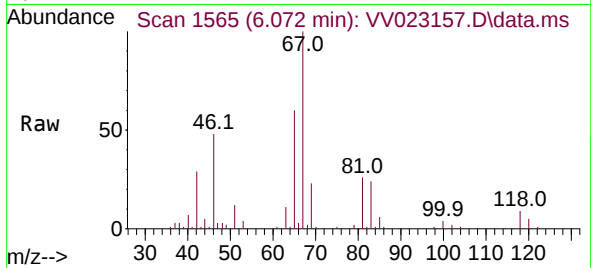




#35
Methylcyclohexane
Concen: 1.101 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

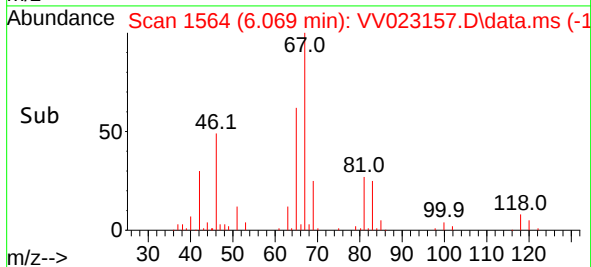
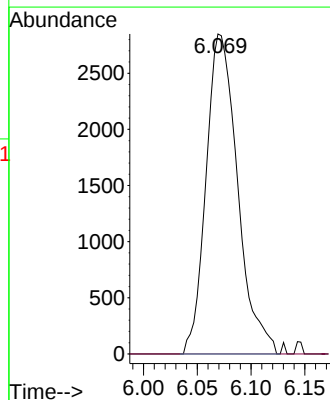
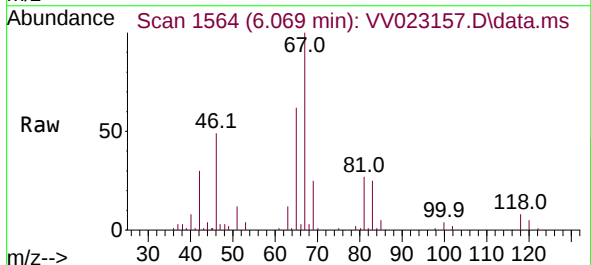
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ClientSampleId :

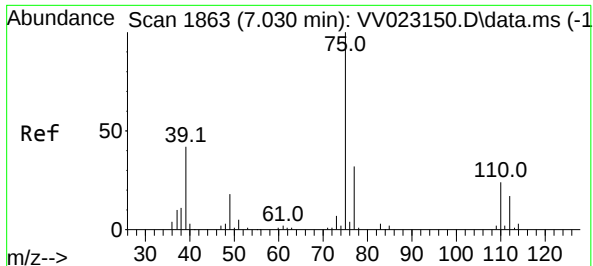
Tgt Ion: 83 Resp: 12598
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.2 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

Tgt Ion: 63 Resp: 5814
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 6.989 min Scan# 1863

Delta R.T. -0.042 min

Lab File: VV023157.D

Acq: 02 Nov 2021 19:07

Instrument :

MSVOA_V

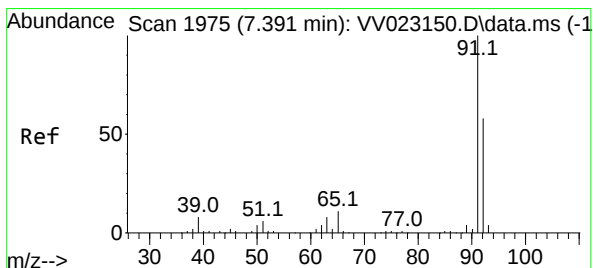
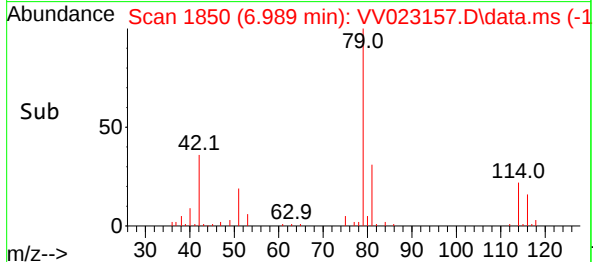
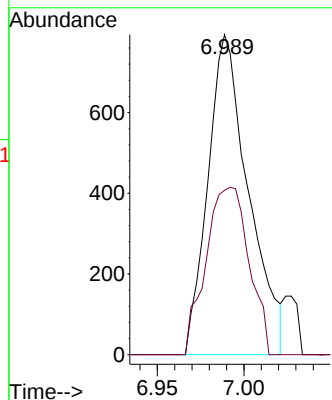
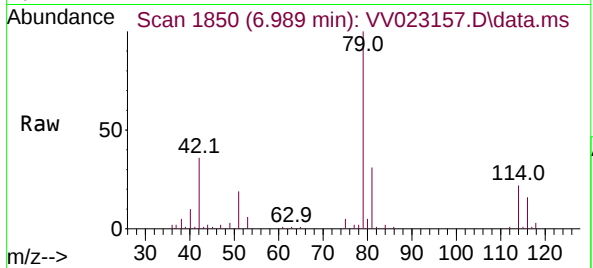
ClientSampleId :

Tgt Ion: 75 Resp: 1292

Ion Ratio Lower Upper

75 100

77 51.3 21.6 40.2#



#42

Toluene

Concen: 0.313 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV023157.D

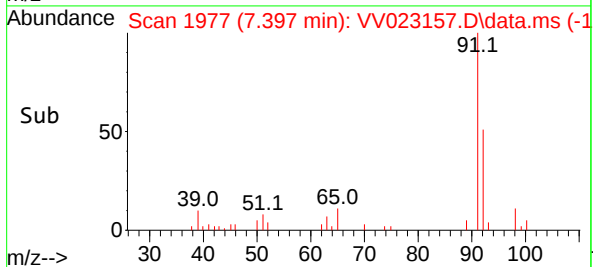
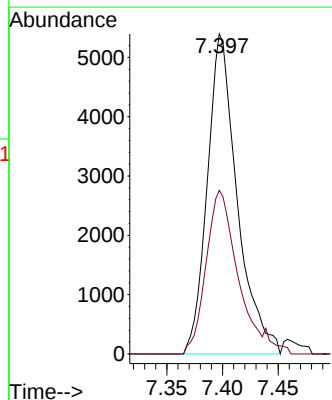
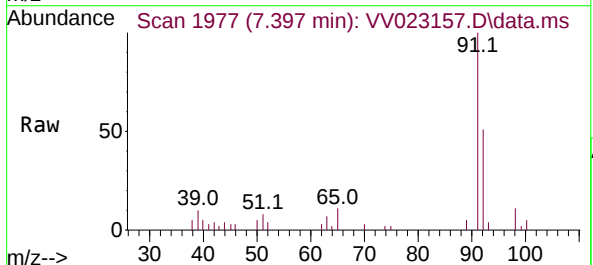
Acq: 02 Nov 2021 19:07

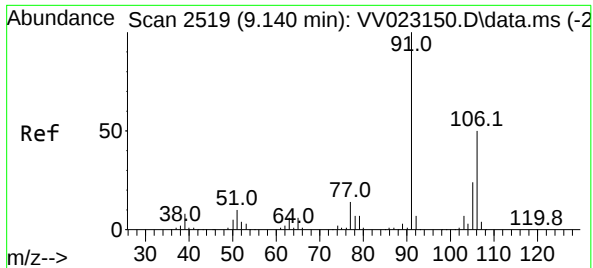
Tgt Ion: 91 Resp: 10074

Ion Ratio Lower Upper

91 100

92 51.1 39.3 72.9

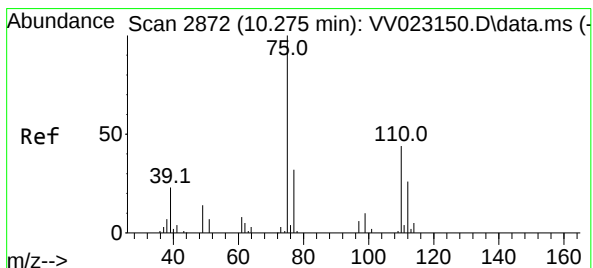
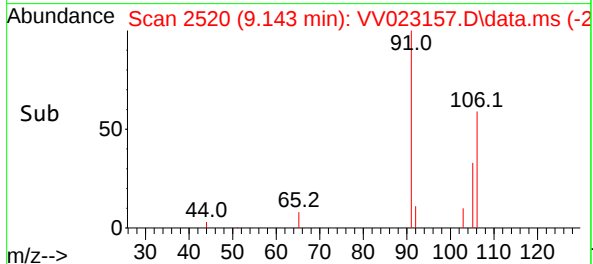
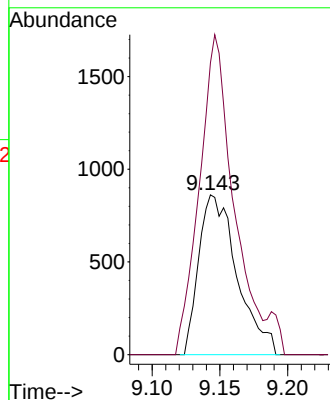
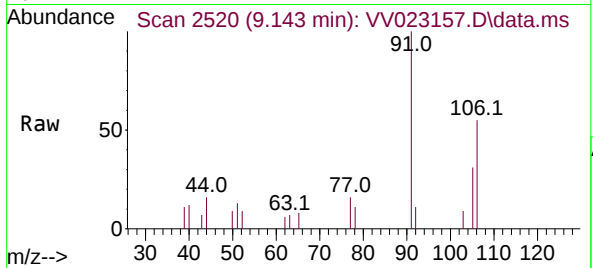




#53
m,p-xylene
Concen: 0.132 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

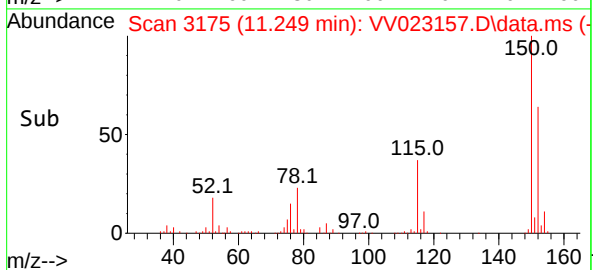
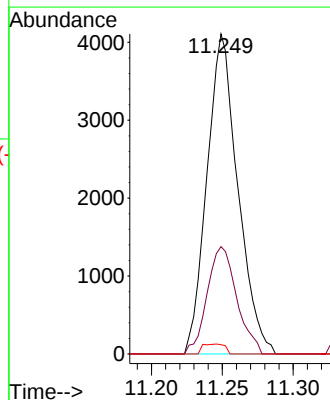
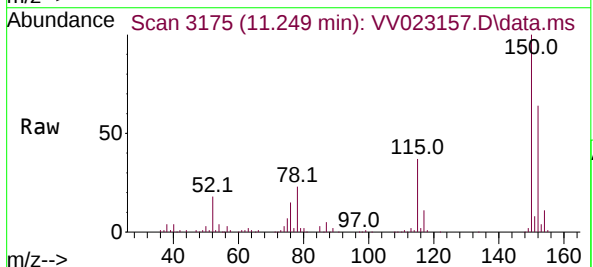
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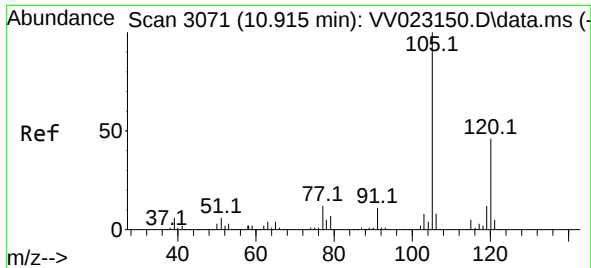
Tgt Ion:106 Resp: 1696
Ion Ratio Lower Upper
106 100
91 182.6 137.2 254.8



#61
1,2,3-Trichloropropane
Concen: 1.524 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023157.D
Acq: 02 Nov 2021 19:07

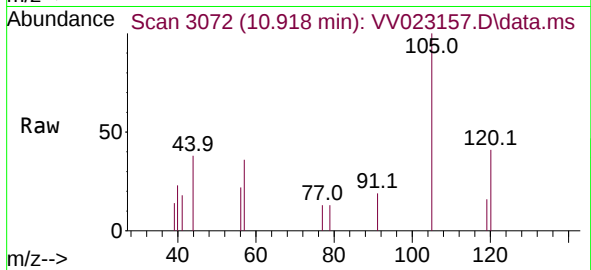
Tgt Ion: 75 Resp: 6228
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8
110 2.2 31.8 47.6#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.057 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV023157.D
 Acq: 02 Nov 2021 19:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1345
 Ion Ratio Lower Upper
 105 100
 120 37.6 37.4 56.2

