

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023156.D
 Acq On : 02 Nov 2021 18:43
 Operator : SY/MD
 Sample : M4400-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 23:33:24 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)

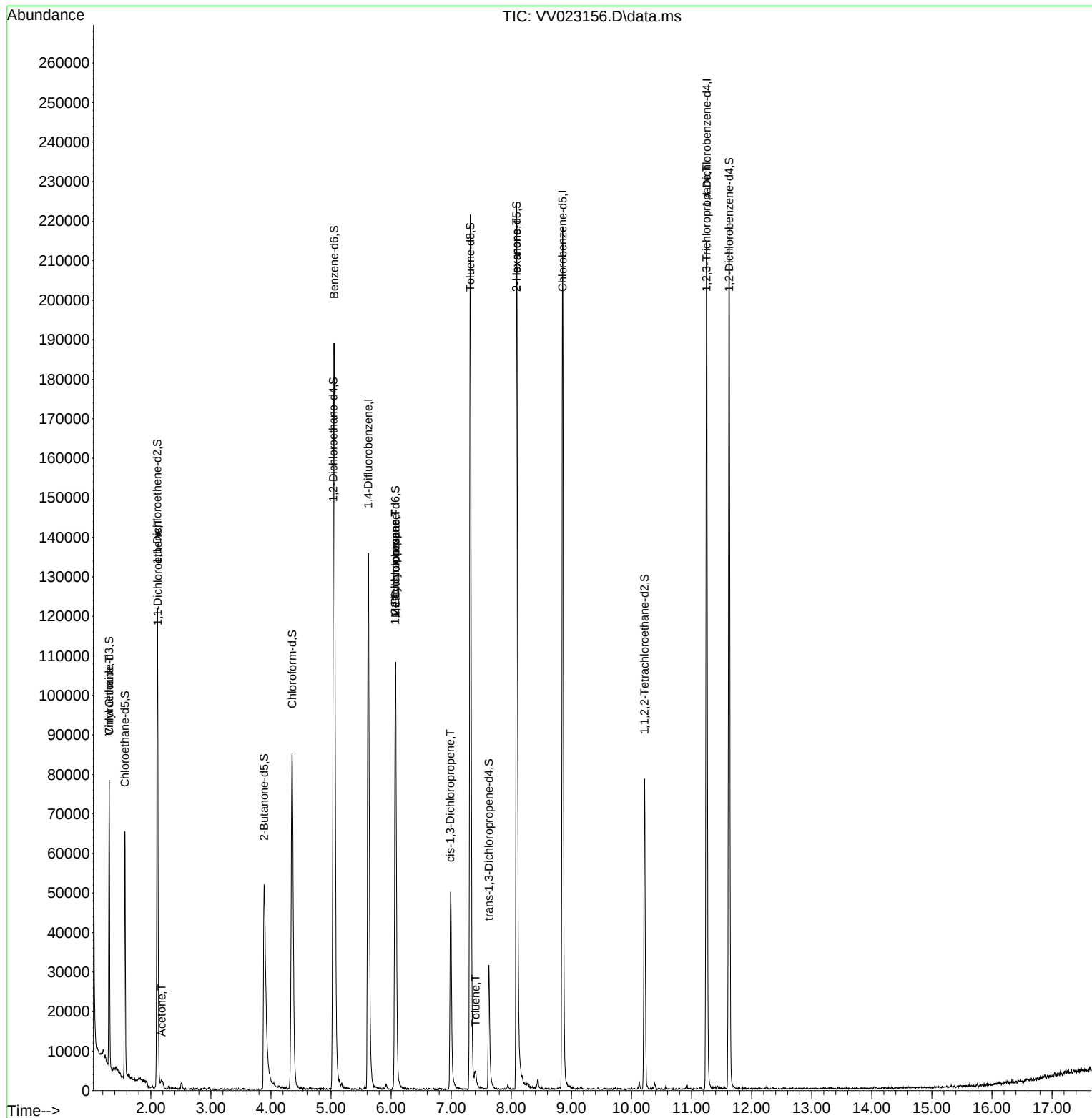
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44701	4.333	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.568	69	36582	5.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.600%	
11) 1,1-Dichloroethene-d2	2.108	63	62626	4.208	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	3.886	46	89906	54.326	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.660%	
24) Chloroform-d	4.352	84	90690	5.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.200%	
26) 1,2-Dichloroethane-d4	5.037	65	43028	5.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.050	84	172072	4.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.072	67	51725	4.723	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.317	98	149570	4.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18725	4.880	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.088	63	75872	53.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36728	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	58334	5.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.400%	
Target Compounds						Qvalue
8) Chloroethane	1.307	64	667	0.153	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	525	0.087	ug/L #	1
13) Acetone	2.179	43	2383	2.935	ug/L	81
35) Methylcyclohexane	6.072	83	12703	1.077	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6109	0.739	ug/L #	83
39) cis-1,3-Dichloropropene	6.986	75	1459	0.142	ug/L #	80
42) Toluene	7.404	91	3509	0.106	ug/L	99
48) 2-Hexanone	8.088	43	9296	3.219	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	6196	1.525	ug/L #	66

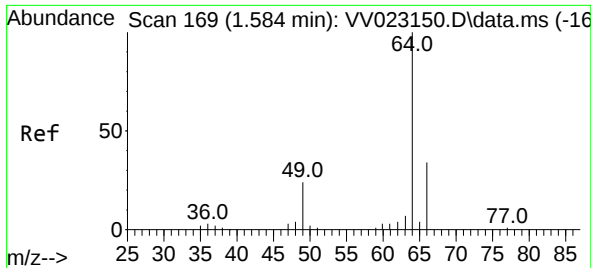
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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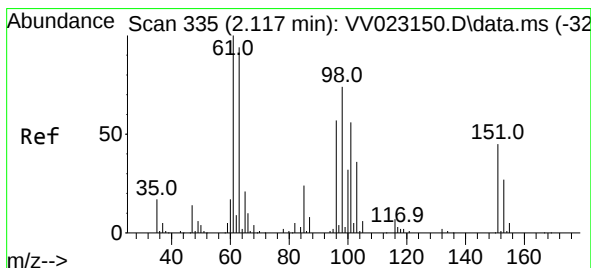
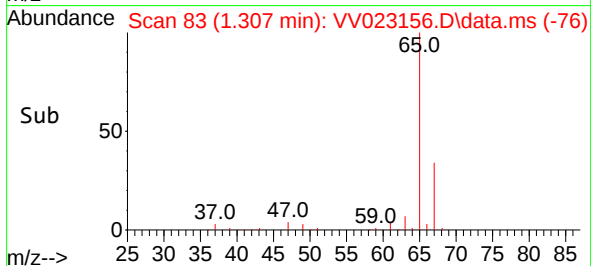
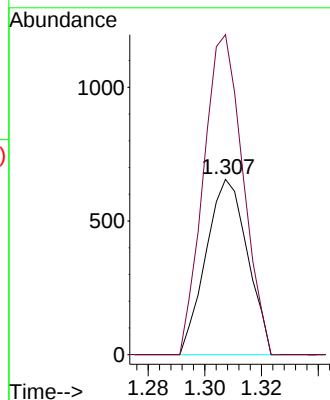
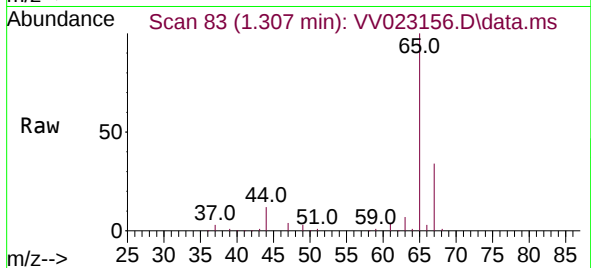




#8
Chloroethane
Concen: 0.153 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV023156.D
Acq: 02 Nov 2021 18:43

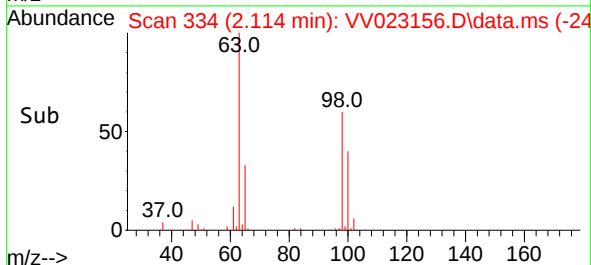
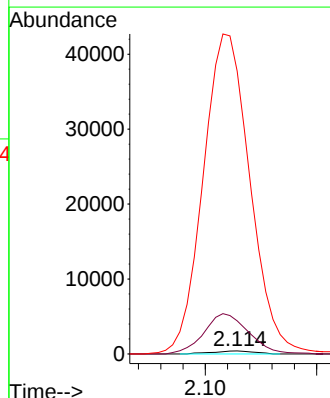
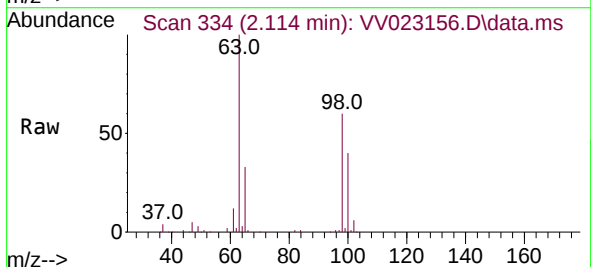
Instrument :
MSVOA_V
ClientSampleId :

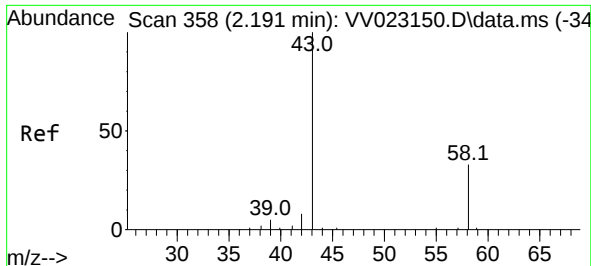
Tgt Ion: 64 Resp: 667
Ion Ratio Lower Upper
64 100
66 182.5 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023156.D
Acq: 02 Nov 2021 18:43

Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 1071.8 121.5 225.7#
63 9161.2 99.6 185.0#





#13

Acetone

Concen: 2.935 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023156.D

Acq: 02 Nov 2021 18:43

Instrument :

MSVOA_V

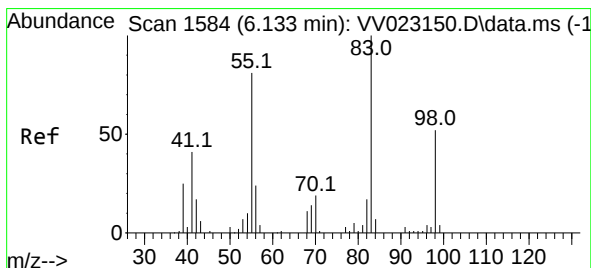
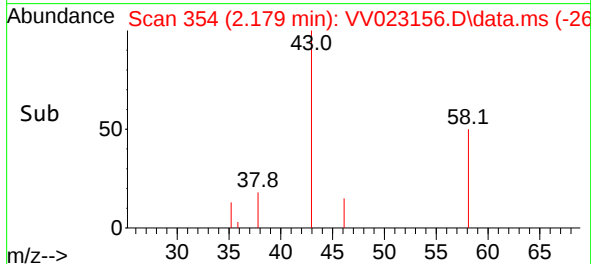
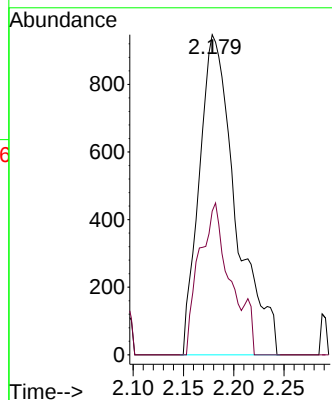
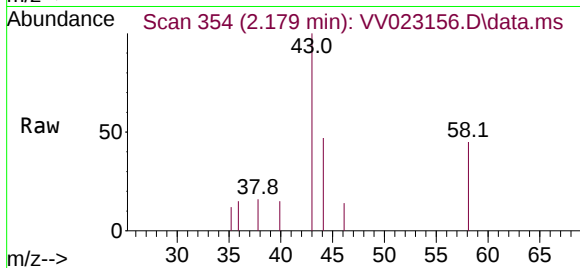
ClientSampleId :

Tgt Ion: 43 Resp: 2383

Ion Ratio Lower Upper

43 100

58 37.4 0.0 55.4



#35

Methylcyclohexane

Concen: 1.077 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023156.D

Acq: 02 Nov 2021 18:43

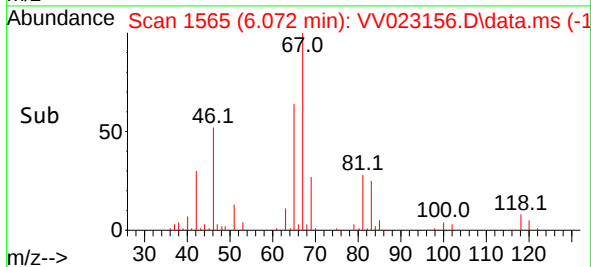
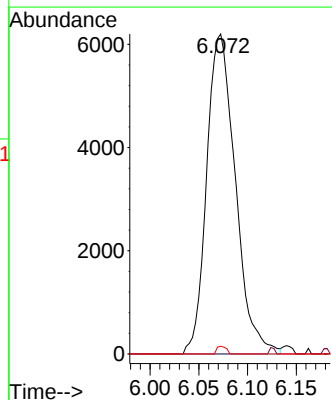
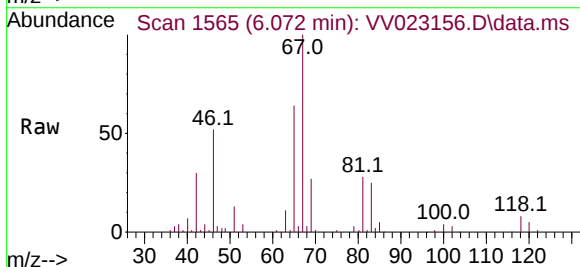
Tgt Ion: 83 Resp: 12703

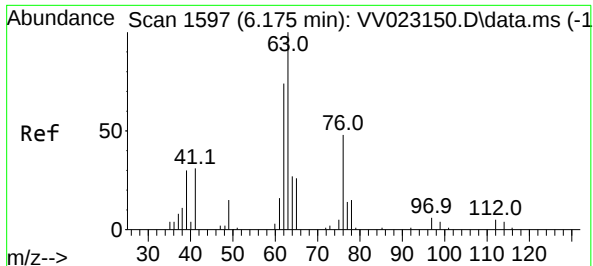
Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 0.8 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.739 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023156.D

Acq: 02 Nov 2021 18:43

Instrument :

MSVOA_V

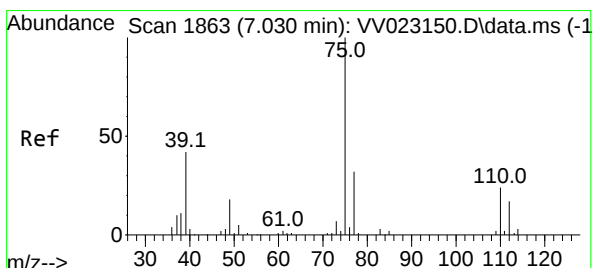
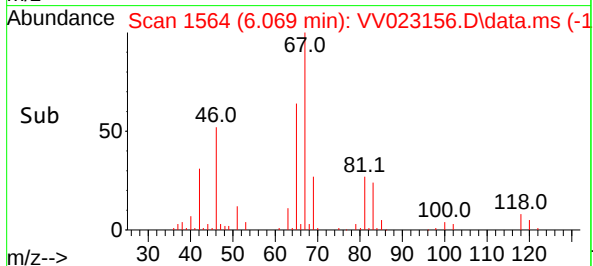
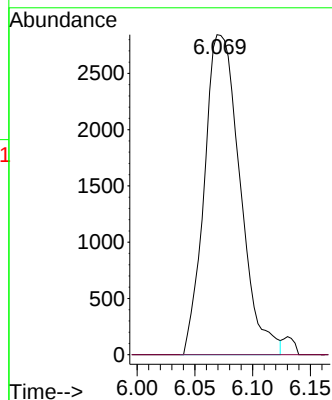
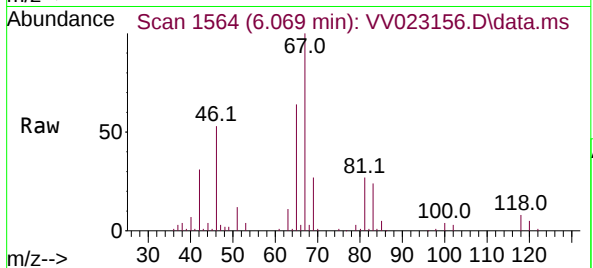
ClientSampleId :

Tgt Ion: 63 Resp: 6109

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV023156.D

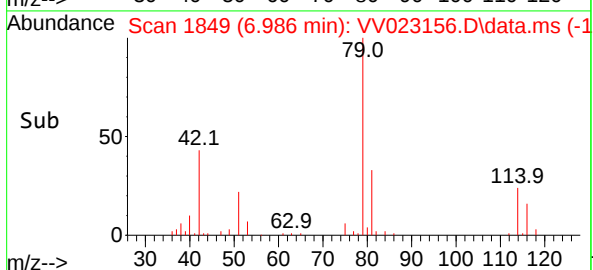
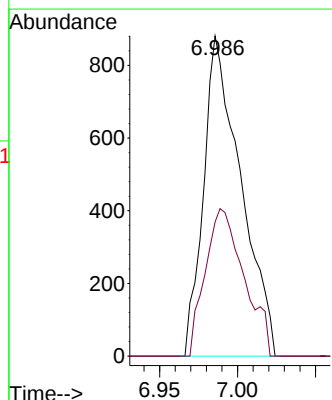
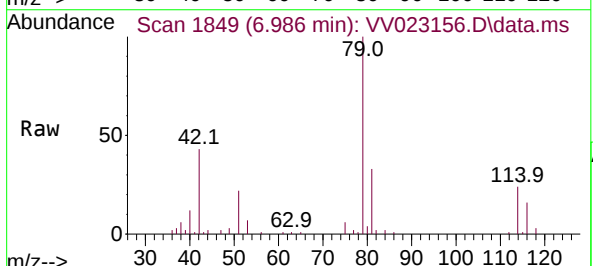
Acq: 02 Nov 2021 18:43

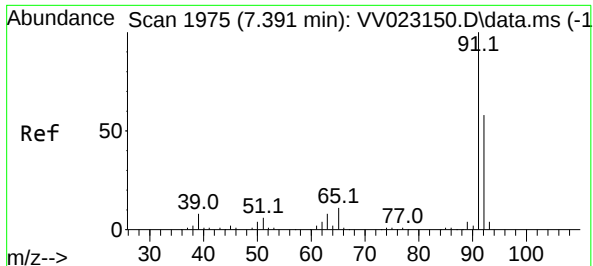
Tgt Ion: 75 Resp: 1459

Ion Ratio Lower Upper

75 100

77 41.9 21.6 40.2#

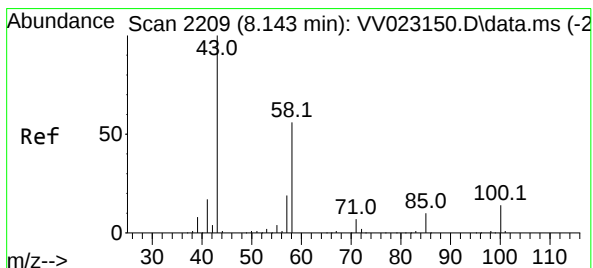
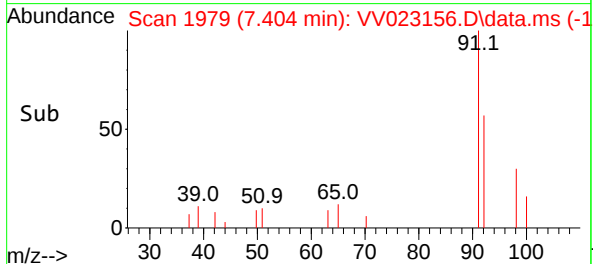
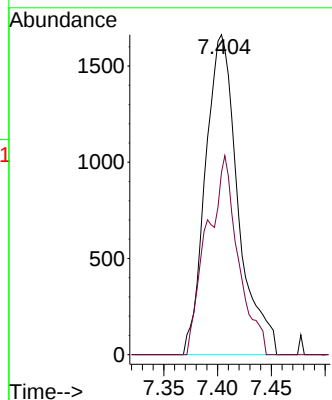
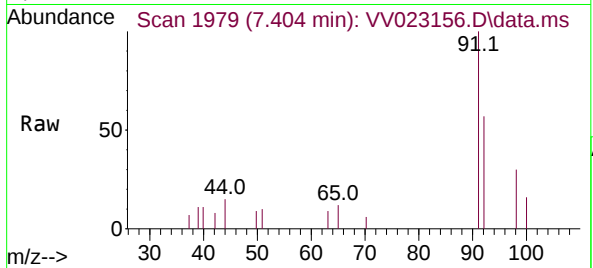




#42
Toluene
Concen: 0.106 ug/L
RT: 7.404 min Scan# 1975
Delta R.T. 0.013 min
Lab File: VV023156.D
Acq: 02 Nov 2021 18:43

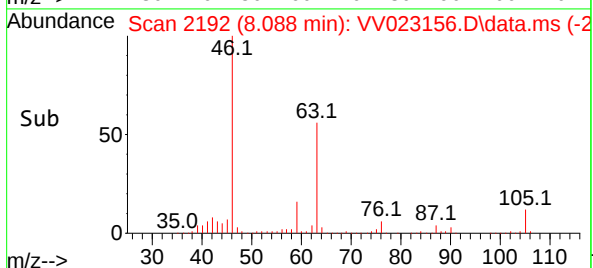
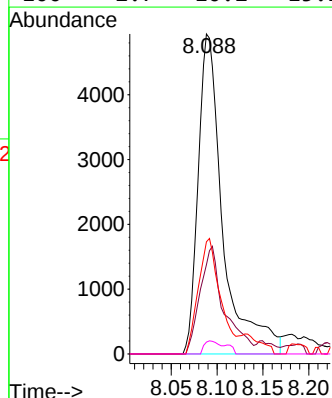
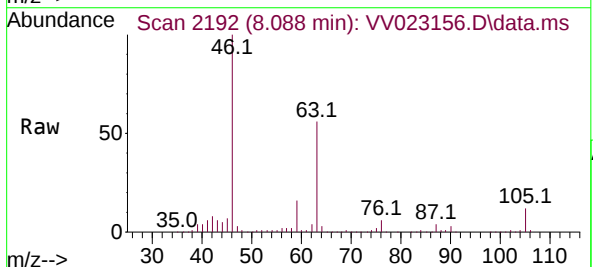
Instrument :
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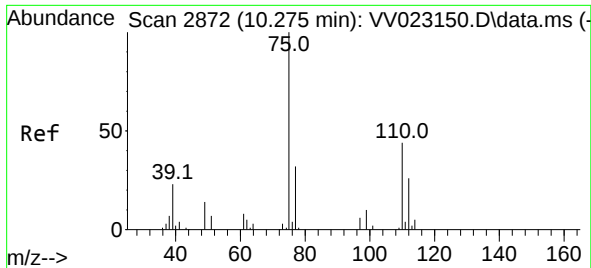
Tgt Ion: 91 Resp: 3509
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9



#48
2-Hexanone
Concen: 3.219 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.055 min
Lab File: VV023156.D
Acq: 02 Nov 2021 18:43

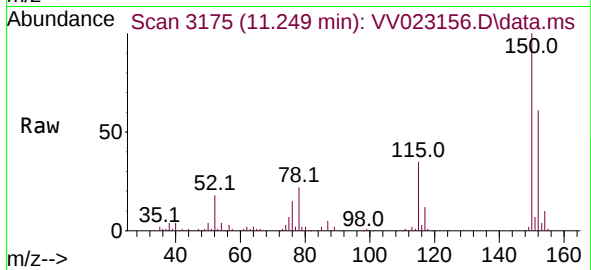
Tgt Ion: 43 Resp: 9296
Ion Ratio Lower Upper
43 100
58 32.8 43.7 65.5#
57 32.2 14.1 21.1#
100 2.7 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.525 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023156.D
 Acq: 02 Nov 2021 18:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6196

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.6	39.8
110	1.5	31.8	47.6#

