

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023248.D
 Acq On : 05 Nov 2021 21:51
 Operator : SY/MD
 Sample : M4535-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:46:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

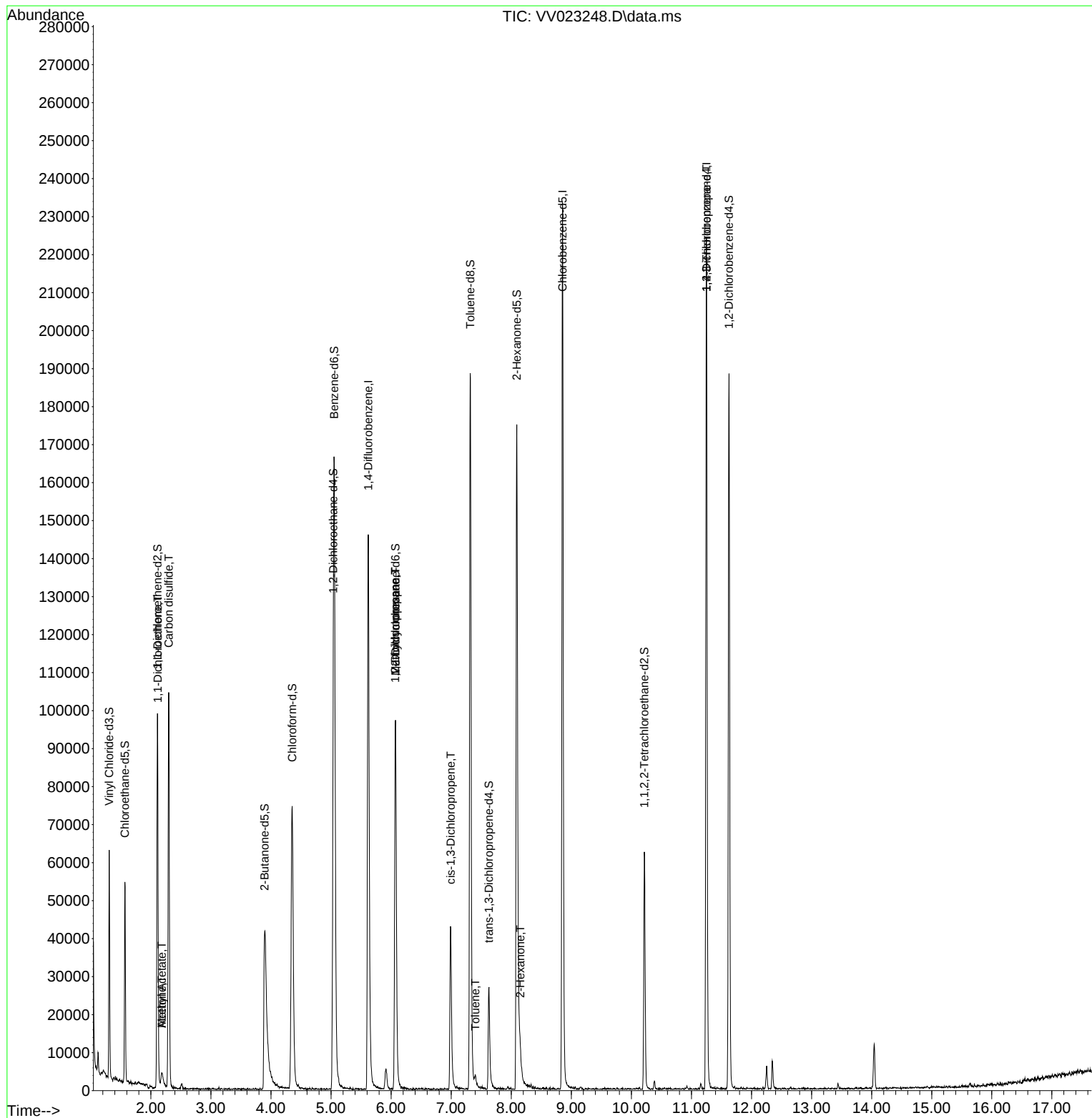
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35854	4.428	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.567	69	31742	4.810	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.111	63	50369	3.323	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.892	46	83864	68.550	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	137.100%#	
24) Chloroform-d	4.352	84	79578	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.037	65	38856	5.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.053	84	150631	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.072	67	47872	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.316	98	128733	4.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.628	79	16212	4.365	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.091	63	56648	41.458	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29118	4.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49097	4.909	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	463	0.060	ug/L #	1
13) Acetone	2.182	43	7139	7.894	ug/L	82
14) Carbon disulfide	2.297	76	118711	4.081	ug/L	99
15) Methyl Acetate	2.182	43	6029	1.743	ug/L #	56
35) Methylcyclohexane	6.072	83	11176	0.735	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	5441	0.643	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1118	0.092	ug/L #	55
42) Toluene	7.403	91	2469	0.064	ug/L	85
48) 2-Hexanone	8.149	43	6194	2.201	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	6460	1.619	ug/L #	64

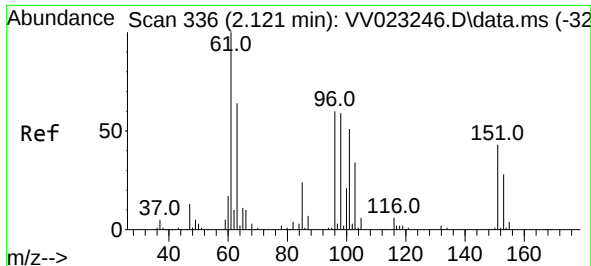
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023248.D

Acq: 05 Nov 2021 21:51

Instrument :

MSVOA_V

ClientSampleId :

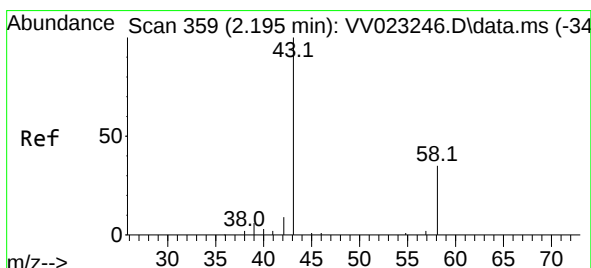
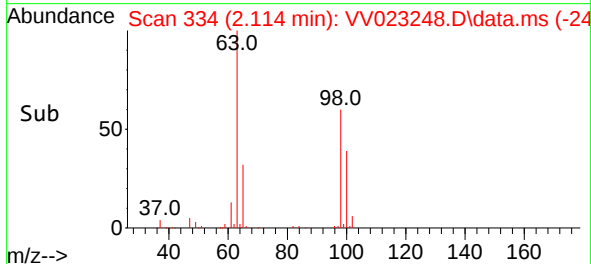
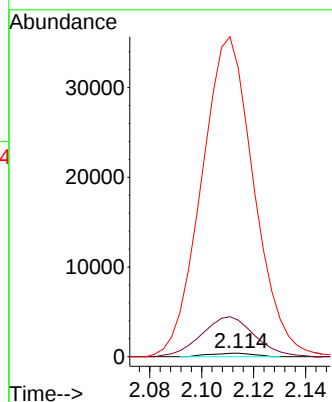
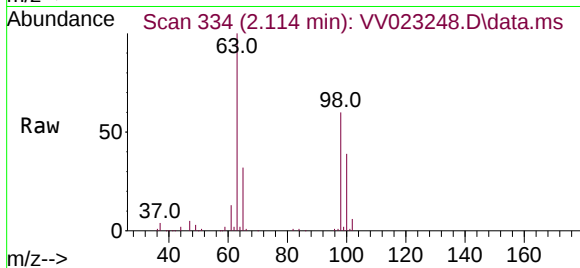
Tgt Ion: 96 Resp: 463

Ion Ratio Lower Upper

96 100

61 1022.4 117.7 218.7#

63 8082.4 80.5 149.5#



#13

Acetone

Concen: 7.894 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.013 min

Lab File: VV023248.D

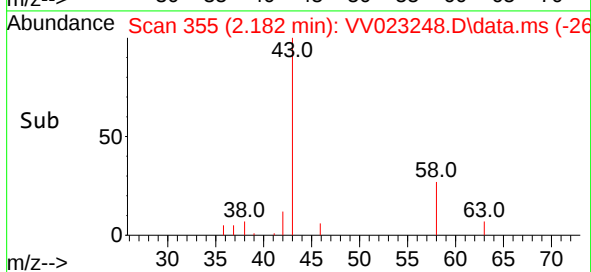
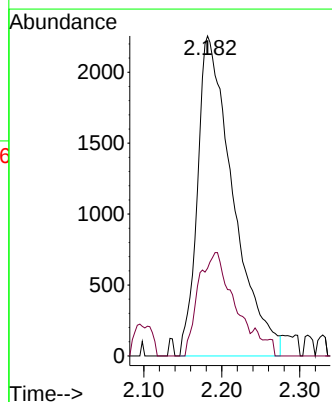
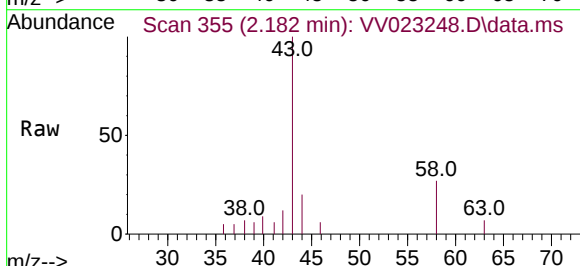
Acq: 05 Nov 2021 21:51

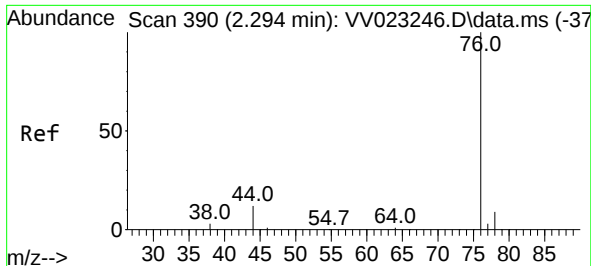
Tgt Ion: 43 Resp: 7139

Ion Ratio Lower Upper

43 100

58 31.6 0.0 45.8

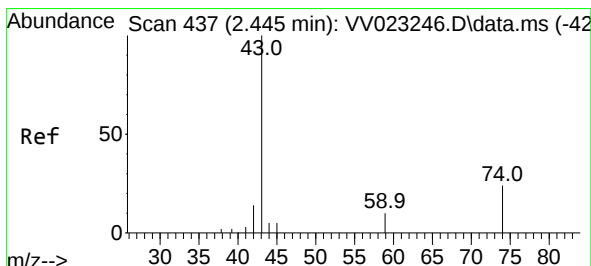
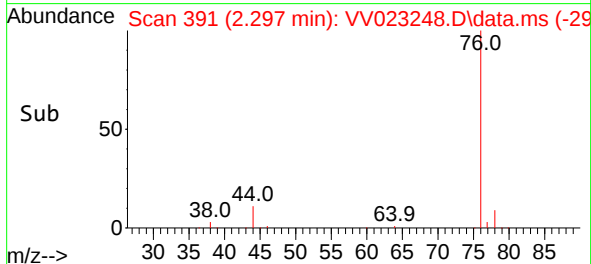
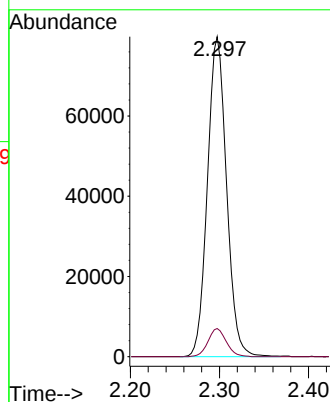
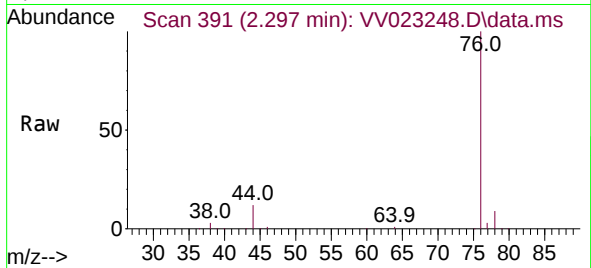




#14
Carbon disulfide
Concen: 4.081 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023248.D
Acq: 05 Nov 2021 21:51

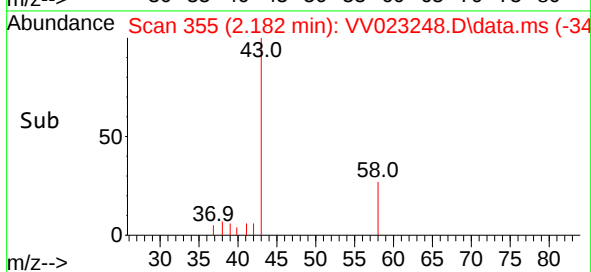
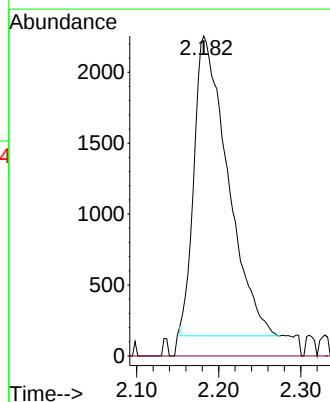
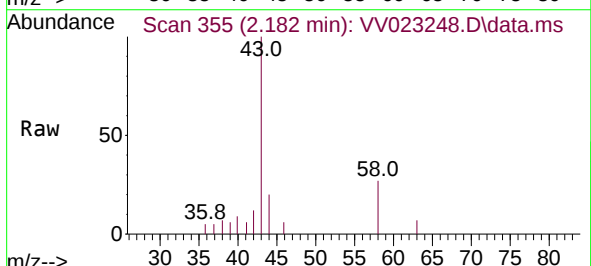
Instrument :
MSVOA_V
ClientSampleId :

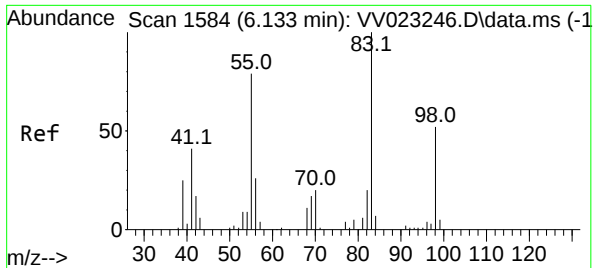
Tgt Ion: 76 Resp: 118711
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#15
Methyl Acetate
Concen: 1.743 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.264 min
Lab File: VV023248.D
Acq: 05 Nov 2021 21:51

Tgt Ion: 43 Resp: 6029
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

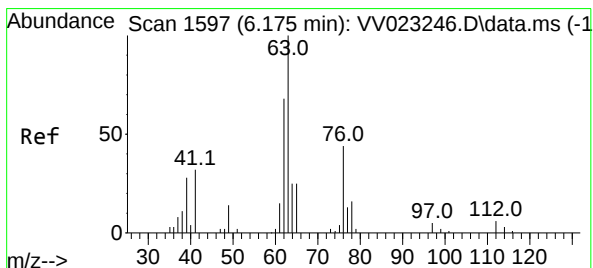
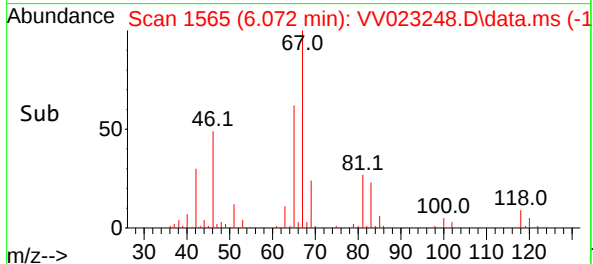
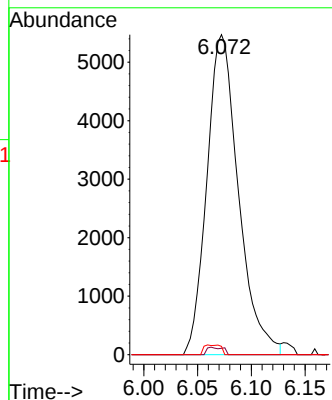
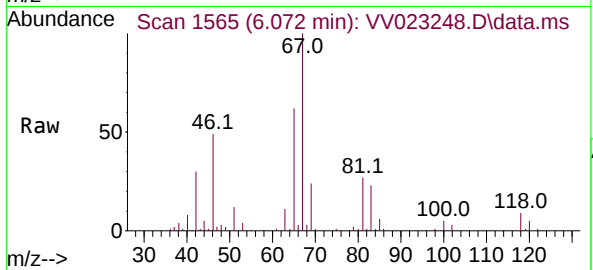




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023248.D
Acq: 05 Nov 2021 21:51

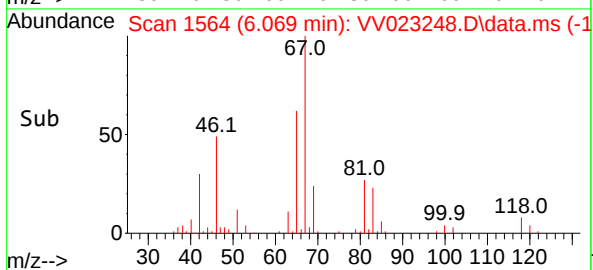
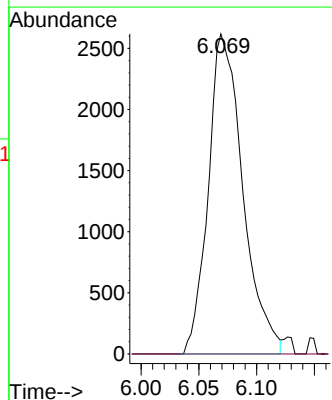
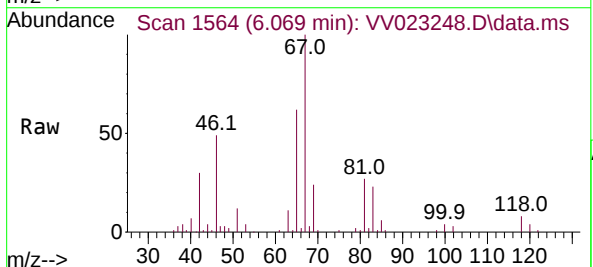
Instrument :
MSVOA_V
ClientSampleId :

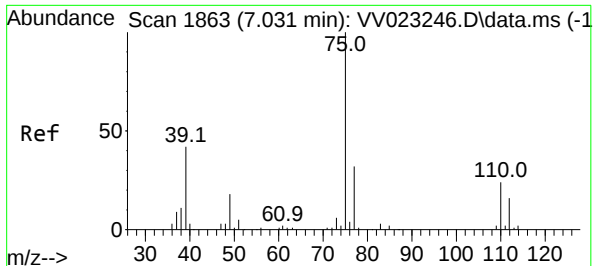
Tgt Ion: 83 Resp: 11176
Ion Ratio Lower Upper
83 100
55 1.2 59.6 89.4#
98 1.6 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023248.D
Acq: 05 Nov 2021 21:51

Tgt Ion: 63 Resp: 5441
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023248.D

Acq: 05 Nov 2021 21:51

Instrument :

MSVOA_V

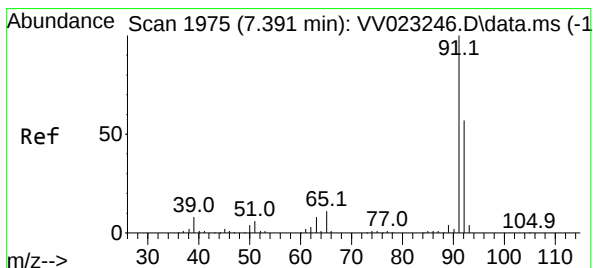
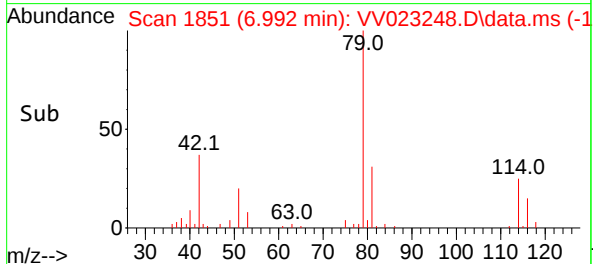
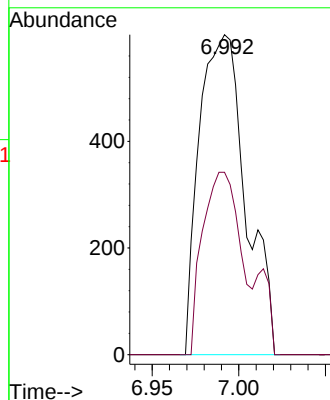
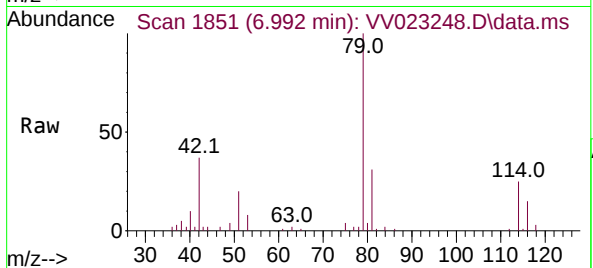
ClientSampleId :

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 57.0 22.3 41.3#



#42

Toluene

Concen: 0.064 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.013 min

Lab File: VV023248.D

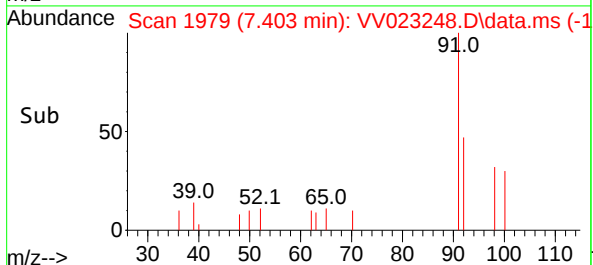
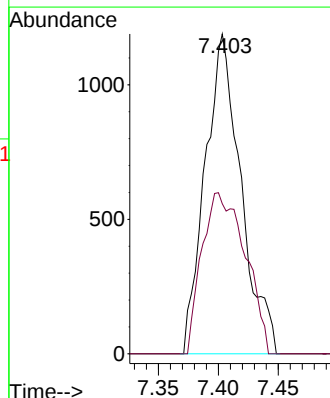
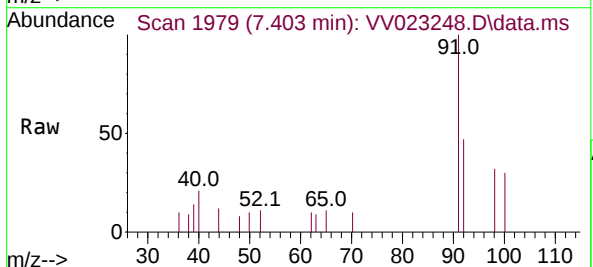
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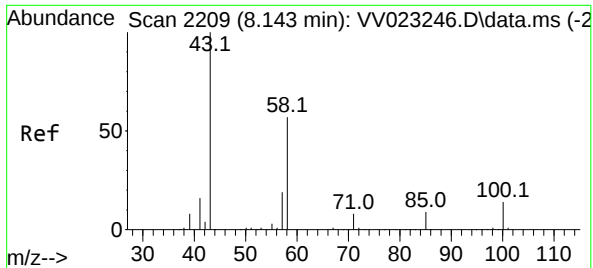
Tgt Ion: 91 Resp: 2469

Ion Ratio Lower Upper

91 100

92 46.9 40.4 75.0

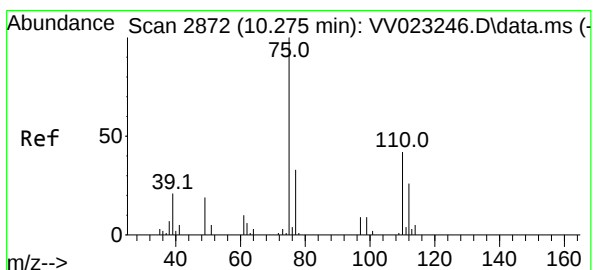
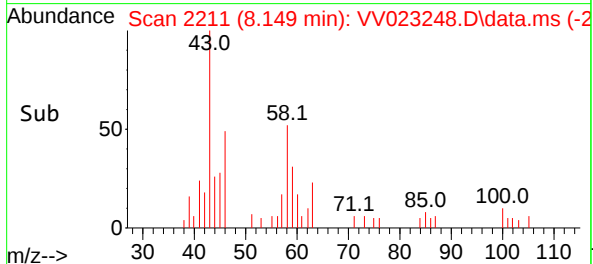
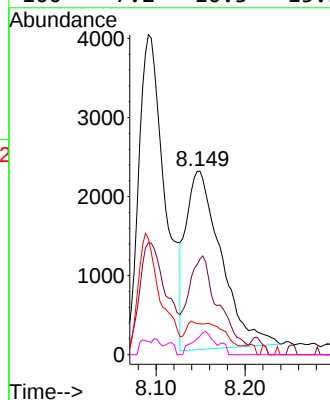
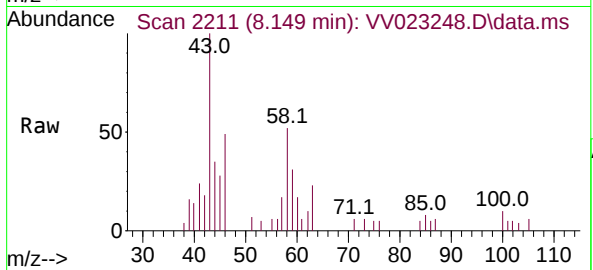




#48
2-Hexanone
Concen: 2.201 ug/L
RT: 8.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023248.D
Acq: 05 Nov 2021 21:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp: 6194
Ion Ratio	Lower Upper
43 100	
58 48.2	43.0 64.6
57 3.4	14.9 22.3#
100 7.2	10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.619 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023248.D
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Tgt Ion: 75	Resp: 6460
Ion Ratio	Lower Upper
75 100	
77 33.9	26.6 39.8
110 1.4	33.0 49.4#

