

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053353.D
 Acq On : 22 Mar 2023 15:33
 Operator : JC/MD
 Sample : 01961-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF5

Quant Time: Mar 23 02:44:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

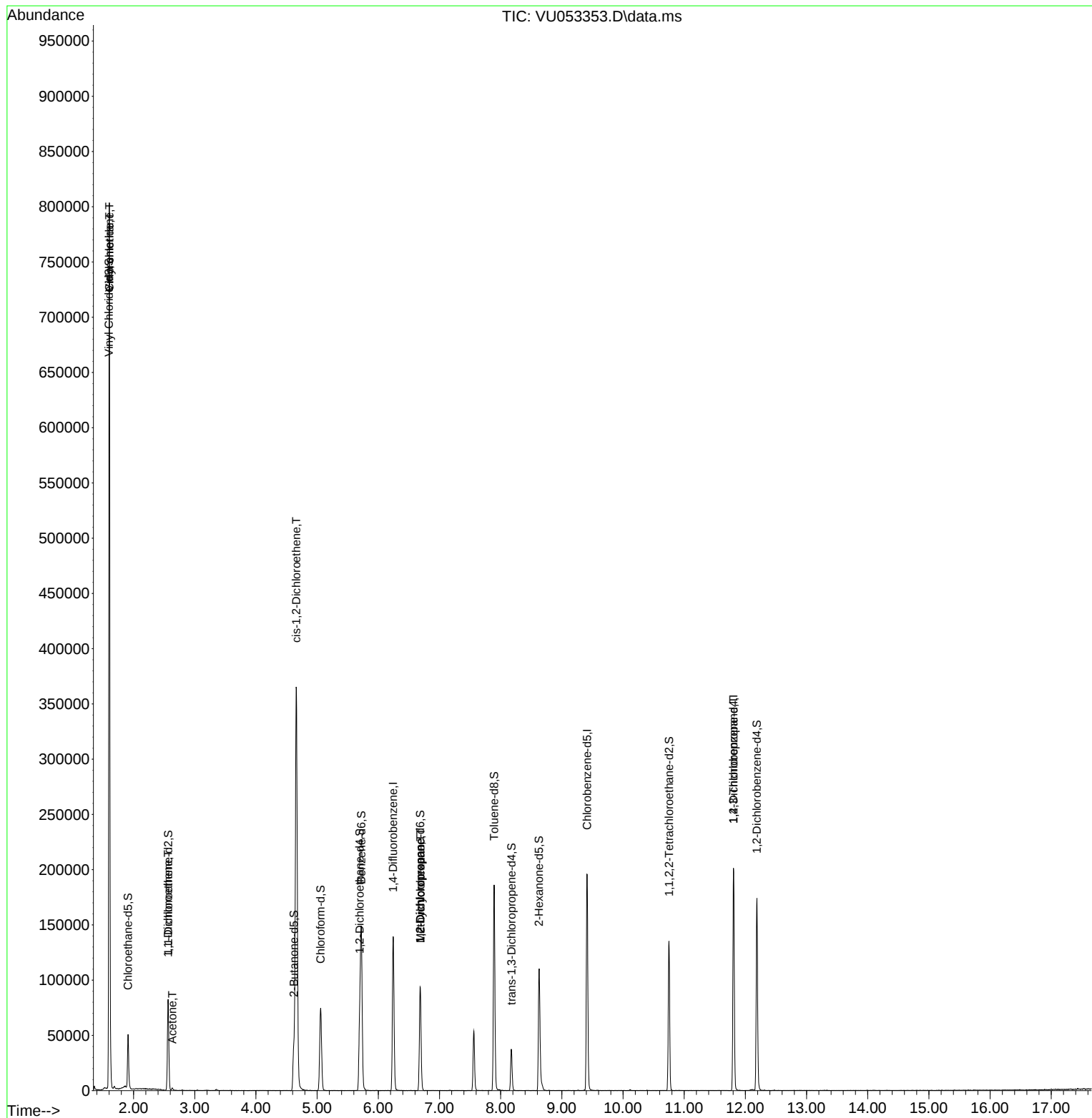
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	108145	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	102795	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	48062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40700	40.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.580%		
7) Chloroethane-d5	1.909	69	34976	43.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.680%		
11) 1,1-Dichloroethene-d2	2.565	63	48254	27.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.840%#		
21) 2-Butanone-d5	4.620	46	56326	121.724	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.720%		
24) Chloroform-d	5.057	84	63318	38.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.060%		
26) 1,2-Dichloroethane-d4	5.697	65	44254	43.363	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.720%		
32) Benzene-d6	5.723	84	136753	41.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
36) 1,2-Dichloropropane-d6	6.684	67	45548	42.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.660%		
41) Toluene-d8	7.893	98	122820	39.565	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.140%#		
43) trans-1,3-Dichloroprop...	8.176	79	21299	40.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.240%		
47) 2-Hexanone-d5	8.626	63	38469	114.346	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.350%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65805	47.206	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.420%		
66) 1,2-Dichlorobenzene-d4	12.189	152	39681	42.640	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.280%		
Target Compounds						Qvalue
3) Chloromethane	1.604	50	3150	3.028	ug/L #	41
5) Vinyl chloride	1.604	62	517458	454.775	ug/L	97
12) 1,1-Dichloroethene	2.562	96	444	0.559	ug/L #	1
13) Acetone	2.633	43	2711	5.144	ug/L	77
20) cis-1,2-Dichloroethene	4.658	96	175333	185.245	ug/L	94
35) Methylcyclohexane	6.687	83	10031	6.158	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	5108	5.137	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	7512	7.866	ug/L #	67

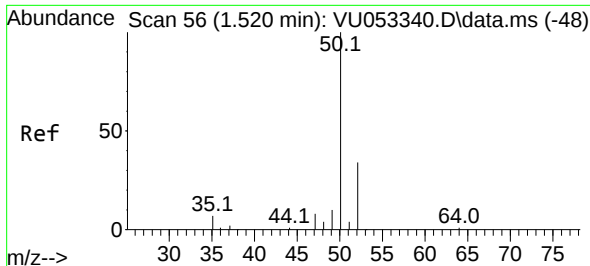
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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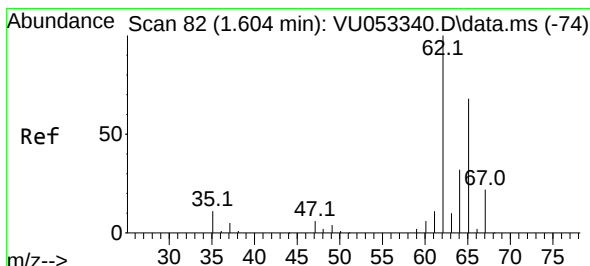
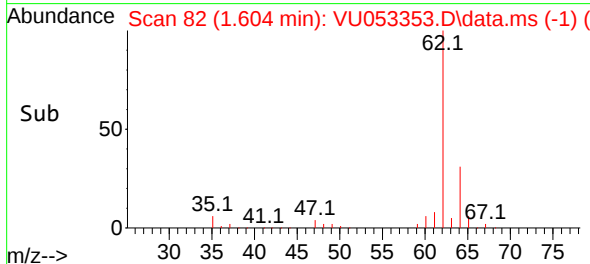
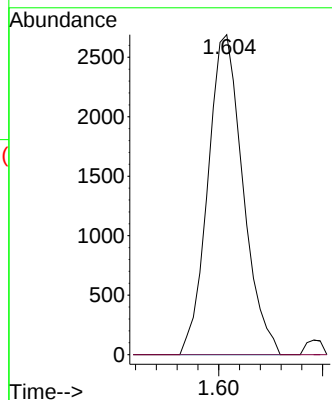
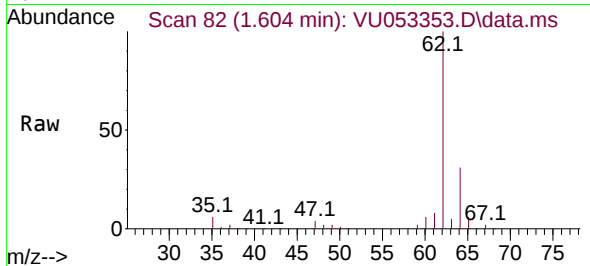




#3
Chloromethane
Concen: 3.028 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.084 min
Lab File: VU053353.D
Acq: 22 Mar 2023 15:33

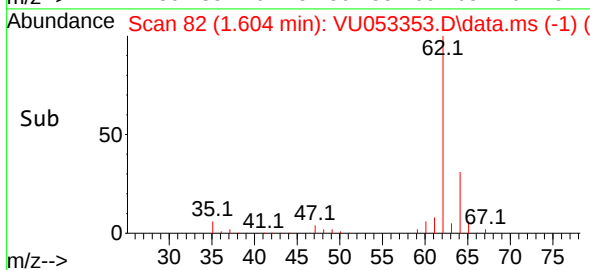
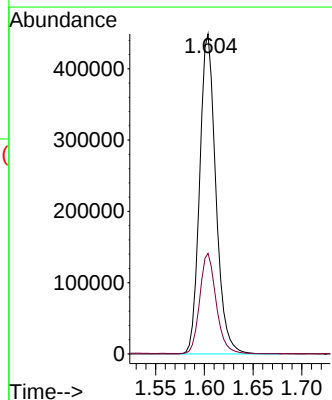
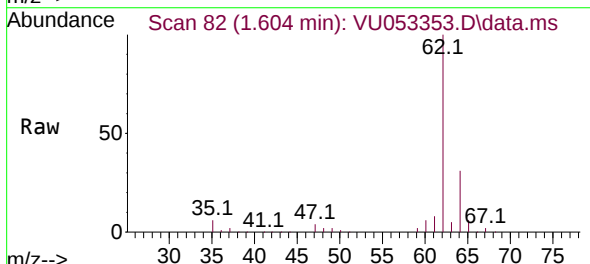
Instrument :
MSVOA_U
ClientSampleId :
EYFF5

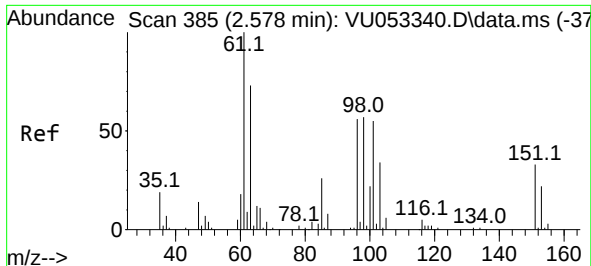
Tgt Ion: 50 Resp: 3150
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#5
Vinyl chloride
Concen: 454.775 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU053353.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 62 Resp: 517458
Ion Ratio Lower Upper
62 100
64 31.5 23.2 43.0





#12

1,1-Dichloroethene

Concen: 0.559 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU053353.D

Acq: 22 Mar 2023 15:33

Instrument :

MSVOA_U

ClientSampleId :

EYFF5

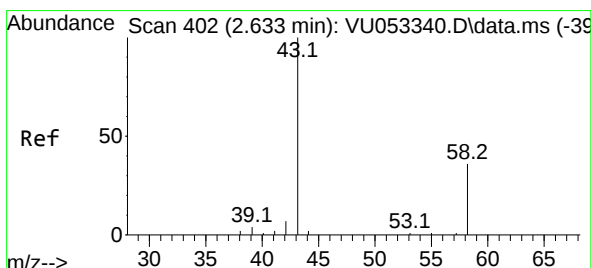
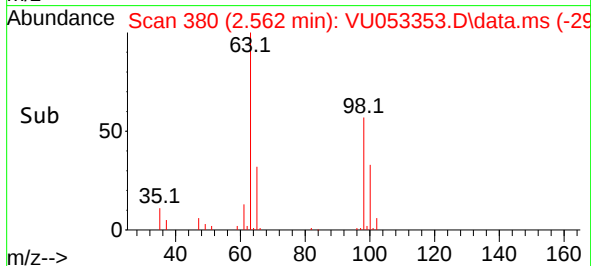
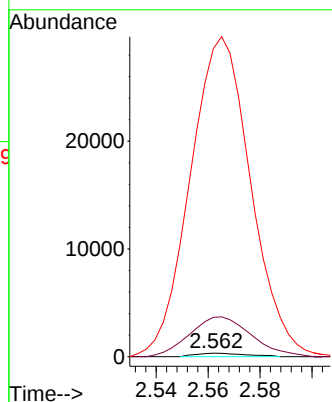
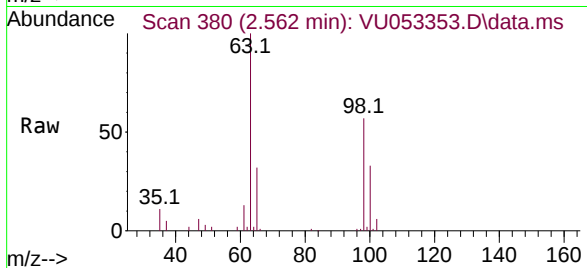
Tgt Ion: 96 Resp: 444

Ion Ratio Lower Upper

96 100

61 1092.5 122.2 226.9#

63 8560.5 89.9 166.9#



#13

Acetone

Concen: 5.144 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU053353.D

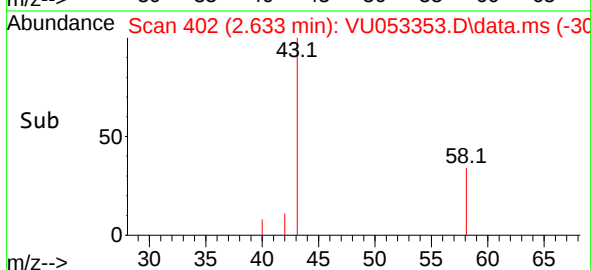
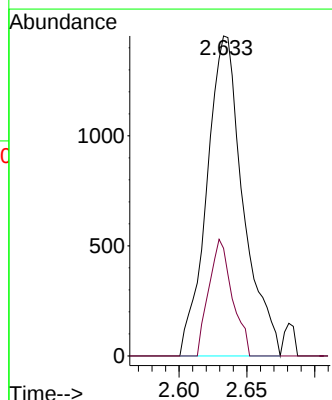
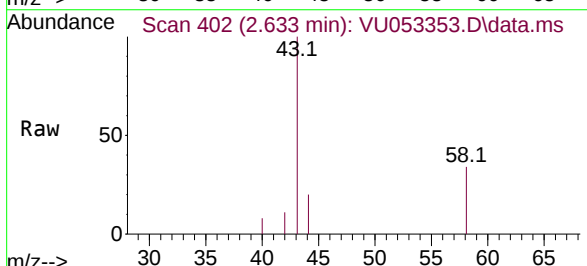
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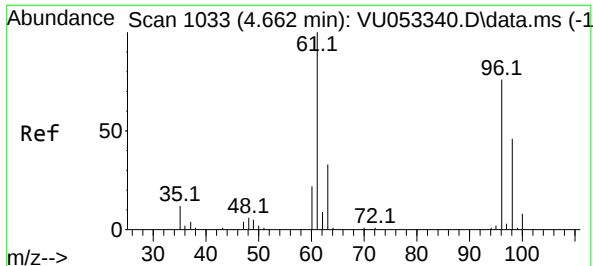
Tgt Ion: 43 Resp: 2711

Ion Ratio Lower Upper

43 100

58 23.4 0.0 75.0

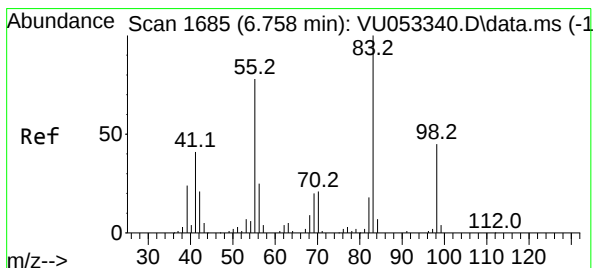
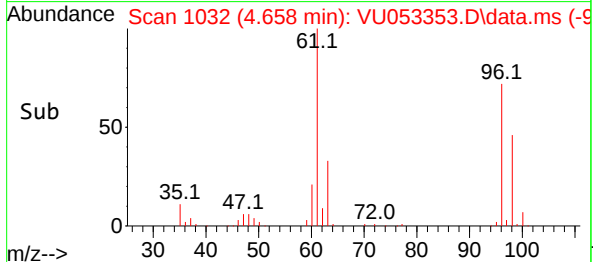
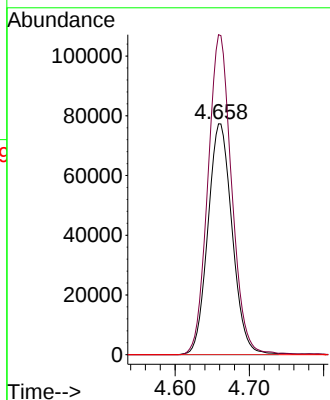
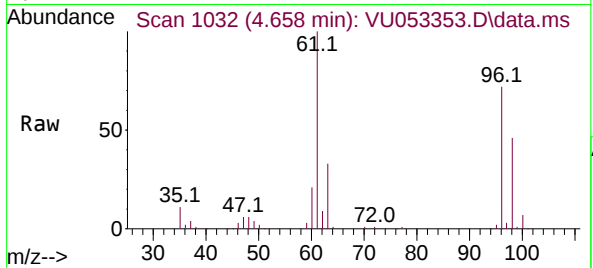




#20
 cis-1,2-Dichloroethene
 Concen: 185.245 ug/L
 RT: 4.658 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU053353.D
 Acq: 22 Mar 2023 15:33

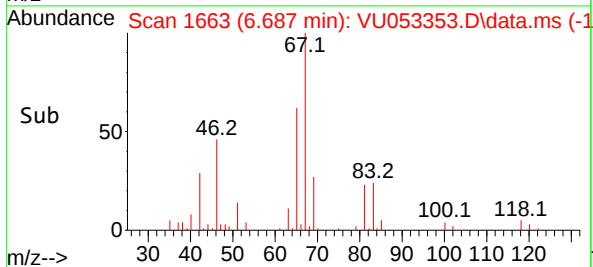
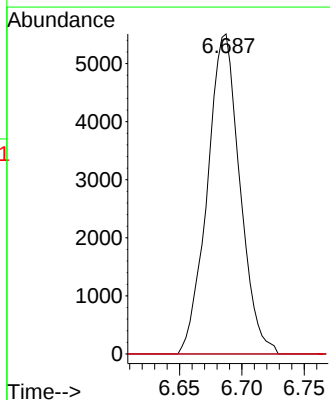
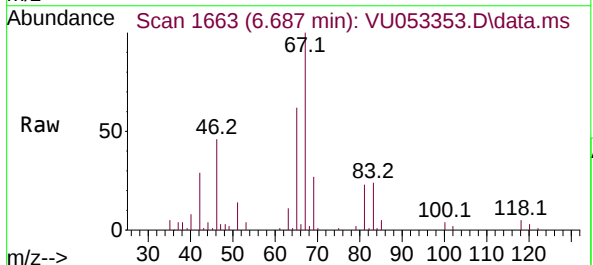
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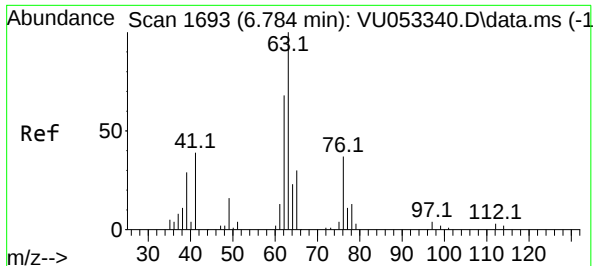
Tgt Ion: 96 Resp: 175333
 Ion Ratio Lower Upper
 96 100
 61 138.6 92.5 171.7
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 6.158 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.071 min
 Lab File: VU053353.D
 Acq: 22 Mar 2023 15:33

Tgt Ion: 83 Resp: 10031
 Ion Ratio Lower Upper
 83 100
 55 0.0 58.2 87.4#
 98 0.0 35.4 53.2#

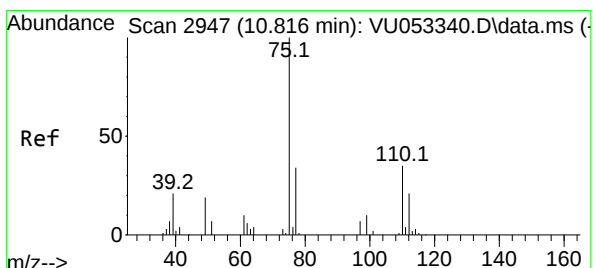
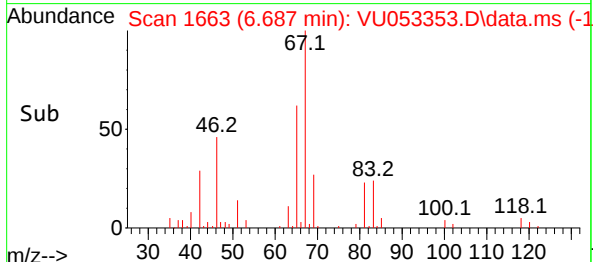
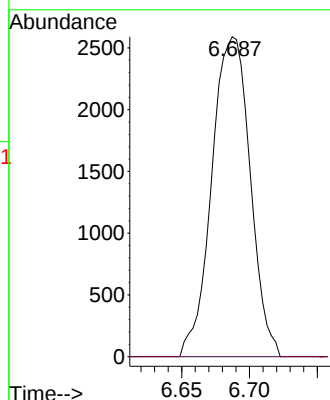
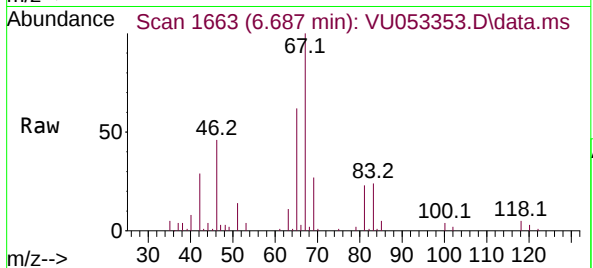




#37
1,2-Dichloropropane
Concen: 5.137 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053353.D
Acq: 22 Mar 2023 15:33

Instrument :
MSVOA_U
ClientSampleId :
EYFF5

Tgt Ion: 63 Resp: 5108
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 7.866 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053353.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 75 Resp: 7512
Ion Ratio Lower Upper
75 100
77 30.3 26.6 40.0
110 1.4 28.6 42.8#

