

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049989.D
 Acq On : 28 Jul 2022 16:46
 Operator : SY/MD
 Sample : N3873-01RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27RE

Quant Time: Jul 29 02:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

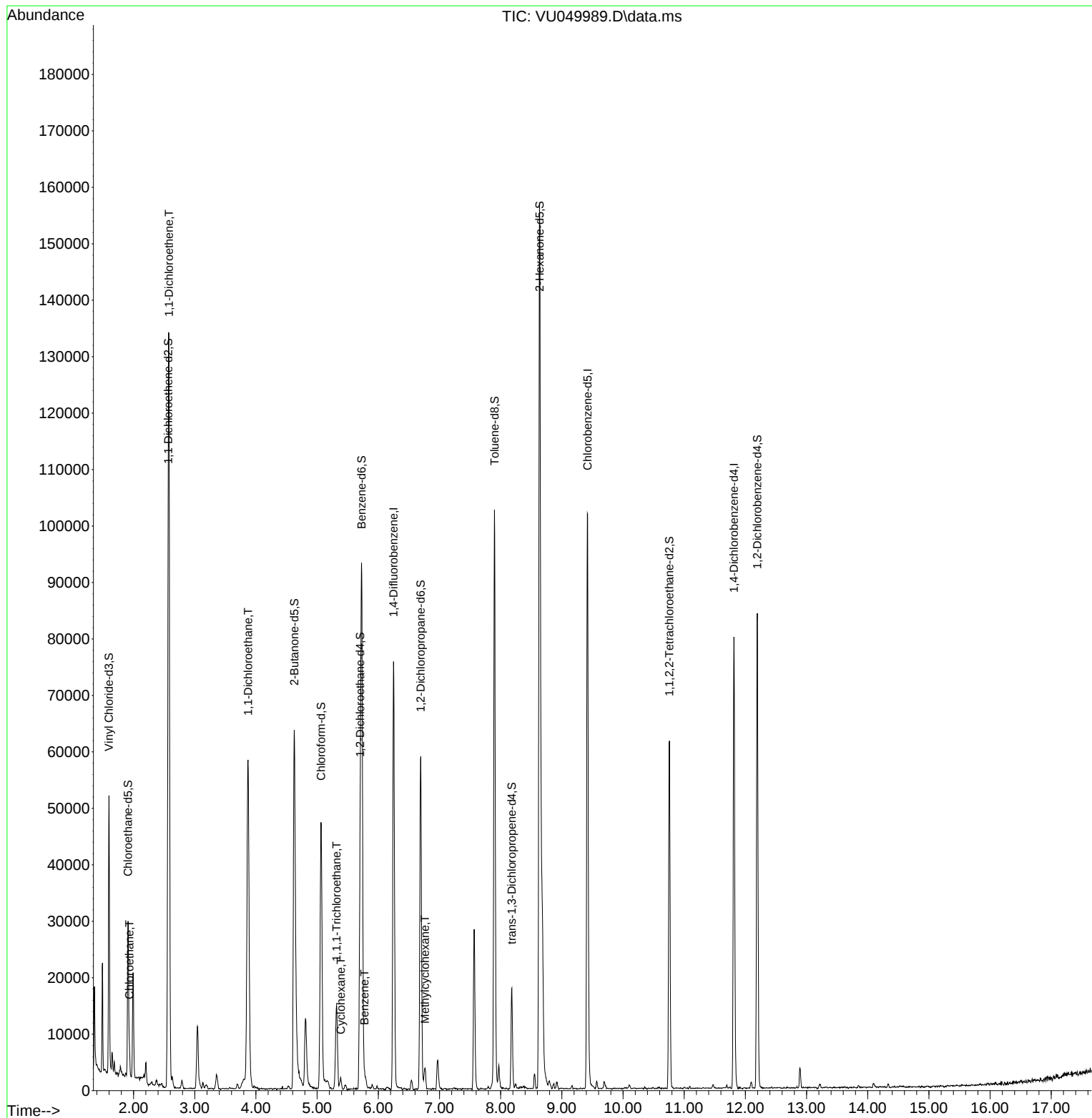
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	63028	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	22869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27533	5.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 101.800%	
7) Chloroethane-d5	1.909	69	20501	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.400%	
11) 1,1-Dichloroethene-d2	2.565	65	9973	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.000%	
20) 2-Butanone-d5	4.626	46	91384	75.860	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	= 151.720%#	
24) Chloroform-d	5.067	84	45283	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.200%	
26) 1,2-Dichloroethane-d4	5.703	65	26812	5.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 118.800%	
32) Benzene-d6	5.729	84	89599	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.800%	
36) 1,2-Dichloropropane-d6	6.694	67	30739	5.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 105.400%	
41) Toluene-d8	7.899	98	71794	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 90.800%	
43) trans-1,3-Dichloroprop...	8.182	79	11173	5.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.400%	
46) 2-Hexanone-d5	8.636	63	50873	66.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 133.080%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33077	6.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 135.200%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	23049	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.600%	
Target Compounds						
						Qvalue
8) Chloroethane	1.932	64	2753	0.896	ug/L	98
12) 1,1-Dichloroethene	2.578	96	36461	10.482	ug/L	87
19) 1,1-Dichloroethane	3.871	63	65366	8.334	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	11555	1.808	ug/L	98
30) Cyclohexane	5.388	56	816	0.151	ug/L	97
33) Benzene	5.774	78	2181	0.124	ug/L	100
35) Methylcyclohexane	6.764	83	1517	0.269	ug/L	91

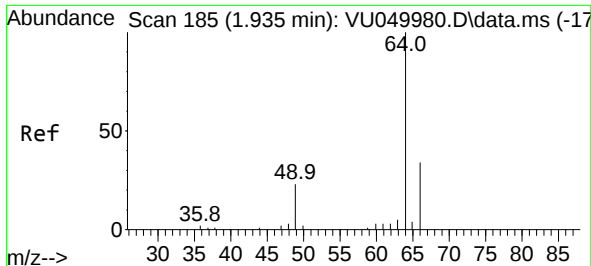
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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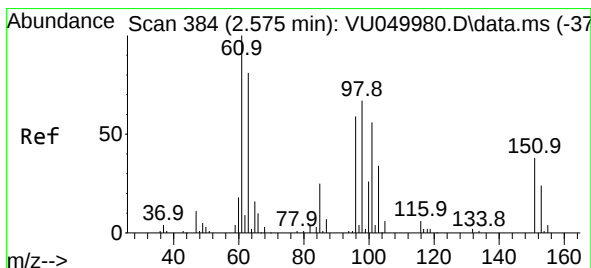
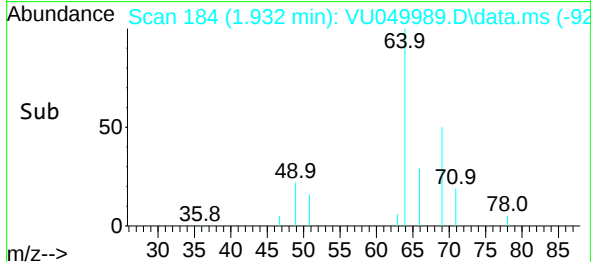
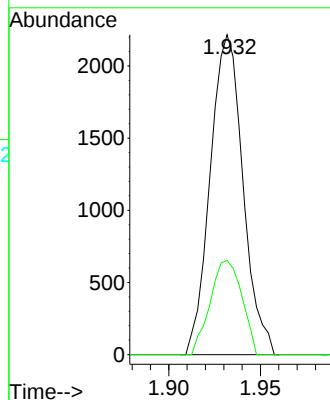
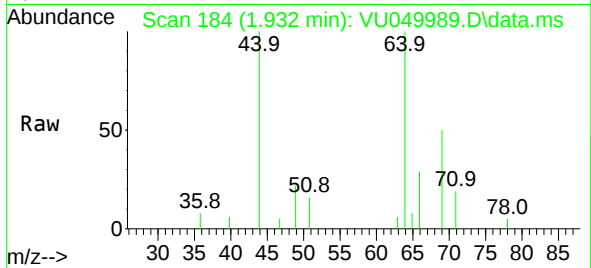




#8
Chloroethane
Concen: 0.896 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049989.D
Acq: 28 Jul 2022 16:46

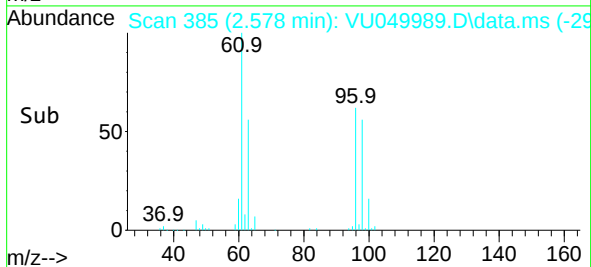
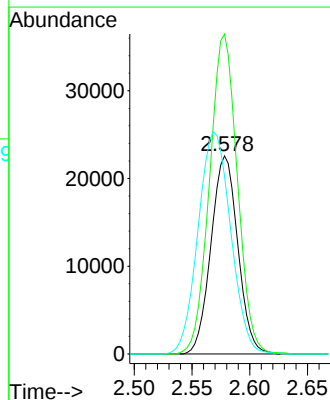
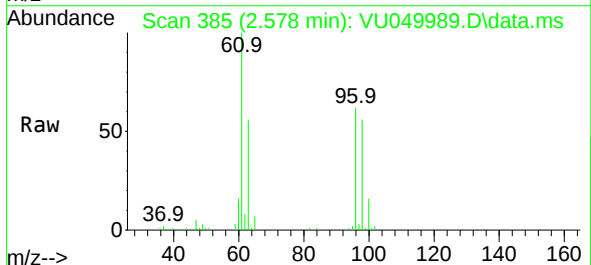
Instrument :
MSVOA_U
ClientSampleId :
GBJ27RE

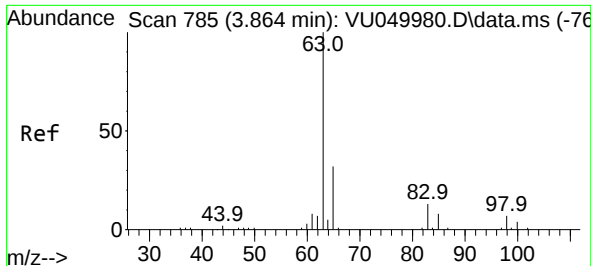
Tgt Ion: 64 Resp: 2753
Ion Ratio Lower Upper
64 100
66 29.5 21.4 39.8



#12
1,1-Dichloroethene
Concen: 10.482 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049989.D
Acq: 28 Jul 2022 16:46

Tgt Ion: 96 Resp: 36461
Ion Ratio Lower Upper
96 100
61 161.6 115.7 214.9
63 89.9 84.8 157.4

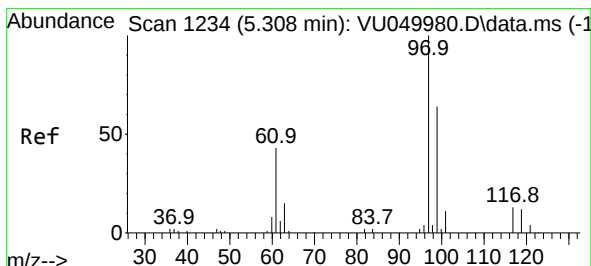
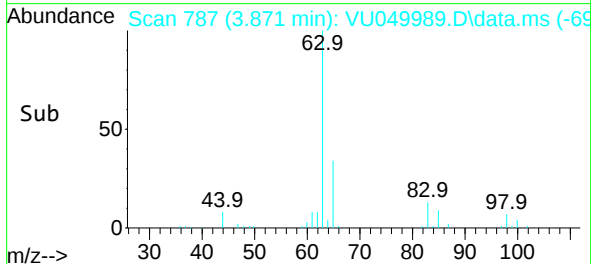
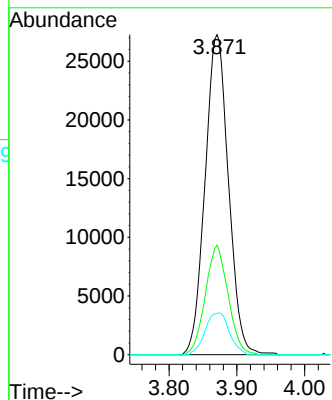
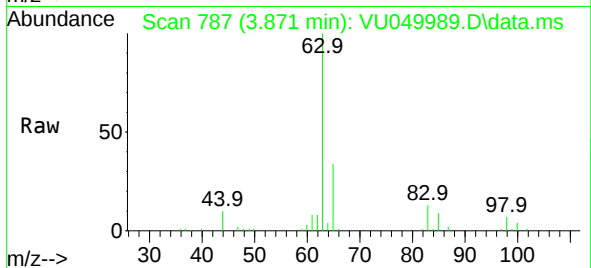




#19
1,1-Dichloroethane
Concen: 8.334 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.007 min
Lab File: VU049989.D
Acq: 28 Jul 2022 16:46

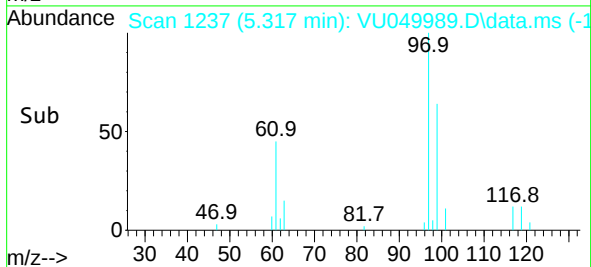
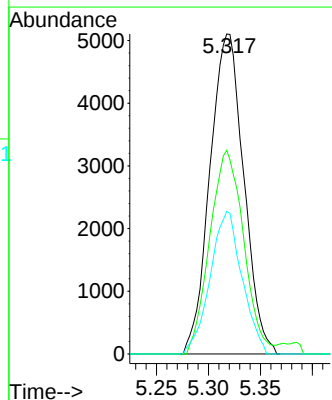
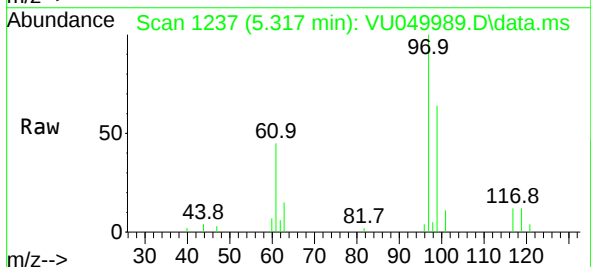
Instrument :
MSVOA_U
ClientSampleId :
GBJ27RE

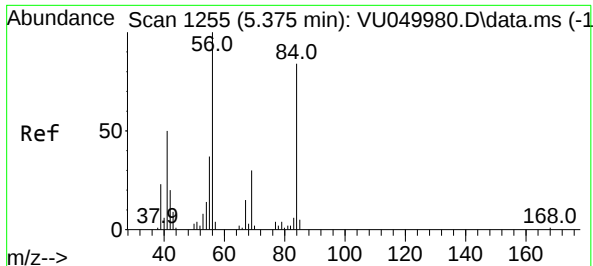
Tgt Ion: 63 Resp: 65366
Ion Ratio Lower Upper
63 100
65 34.2 23.4 43.6
83 13.0 9.4 17.4



#29
1,1,1-Trichloroethane
Concen: 1.808 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VU049989.D
Acq: 28 Jul 2022 16:46

Tgt Ion: 97 Resp: 11555
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 41.9 35.0 52.6





#30

Cyclohexane

Concen: 0.151 ug/L

RT: 5.388 min Scan# 1255

Delta R.T. 0.013 min

Lab File: VU049989.D

Acq: 28 Jul 2022 16:46

Instrument :

MSVOA_U

ClientSampleId :

GBJ27RE

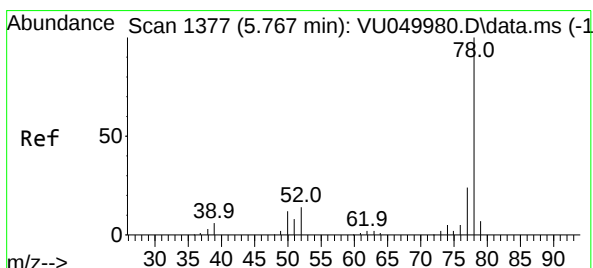
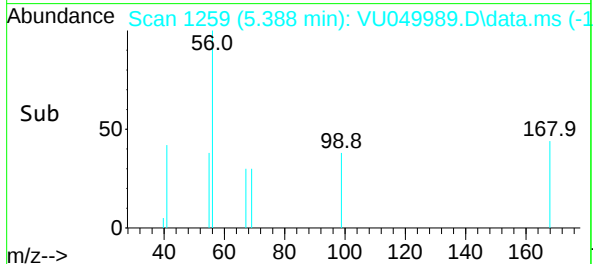
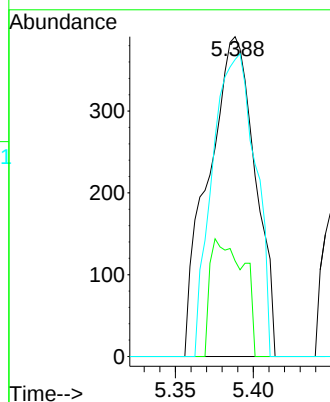
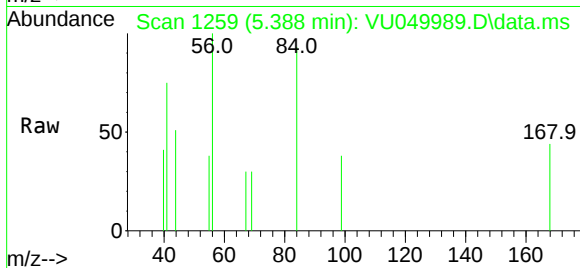
Tgt Ion: 56 Resp: 816

Ion Ratio Lower Upper

56 100

69 26.1 25.1 37.7

84 86.6 70.1 105.1



#33

Benzene

Concen: 0.124 ug/L

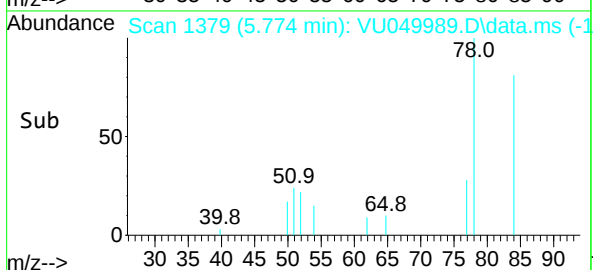
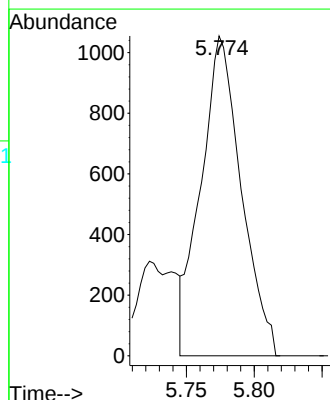
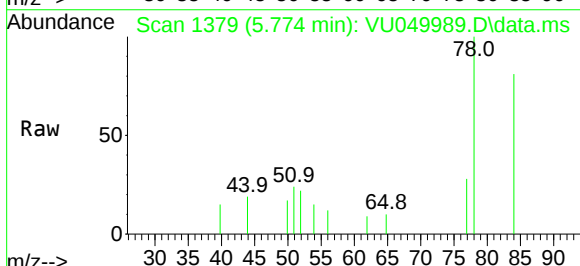
RT: 5.774 min Scan# 1379

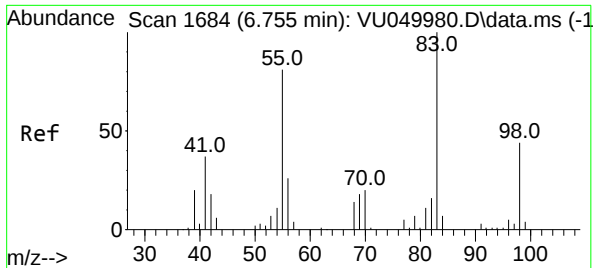
Delta R.T. 0.007 min

Lab File: VU049989.D

Acq: 28 Jul 2022 16:46

Tgt Ion: 78 Resp: 2181





#35
 Methylcyclohexane
 Concen: 0.269 ug/L
 RT: 6.764 min Scan# 1
 Delta R.T. 0.010 min
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Tgt Ion: 83	Resp:	1517
Ion	Ratio	Lower Upper
83	100	
55	89.1	61.6 92.4
98	43.2	34.8 52.2

