

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080322\
 Data File : VU050053.D
 Acq On : 03 Aug 2022 14:59
 Operator : SY/MD
 Sample : N4027-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH5

Quant Time: Aug 04 01:45:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 04 01:44:33 2022
 Response via : Initial Calibration

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

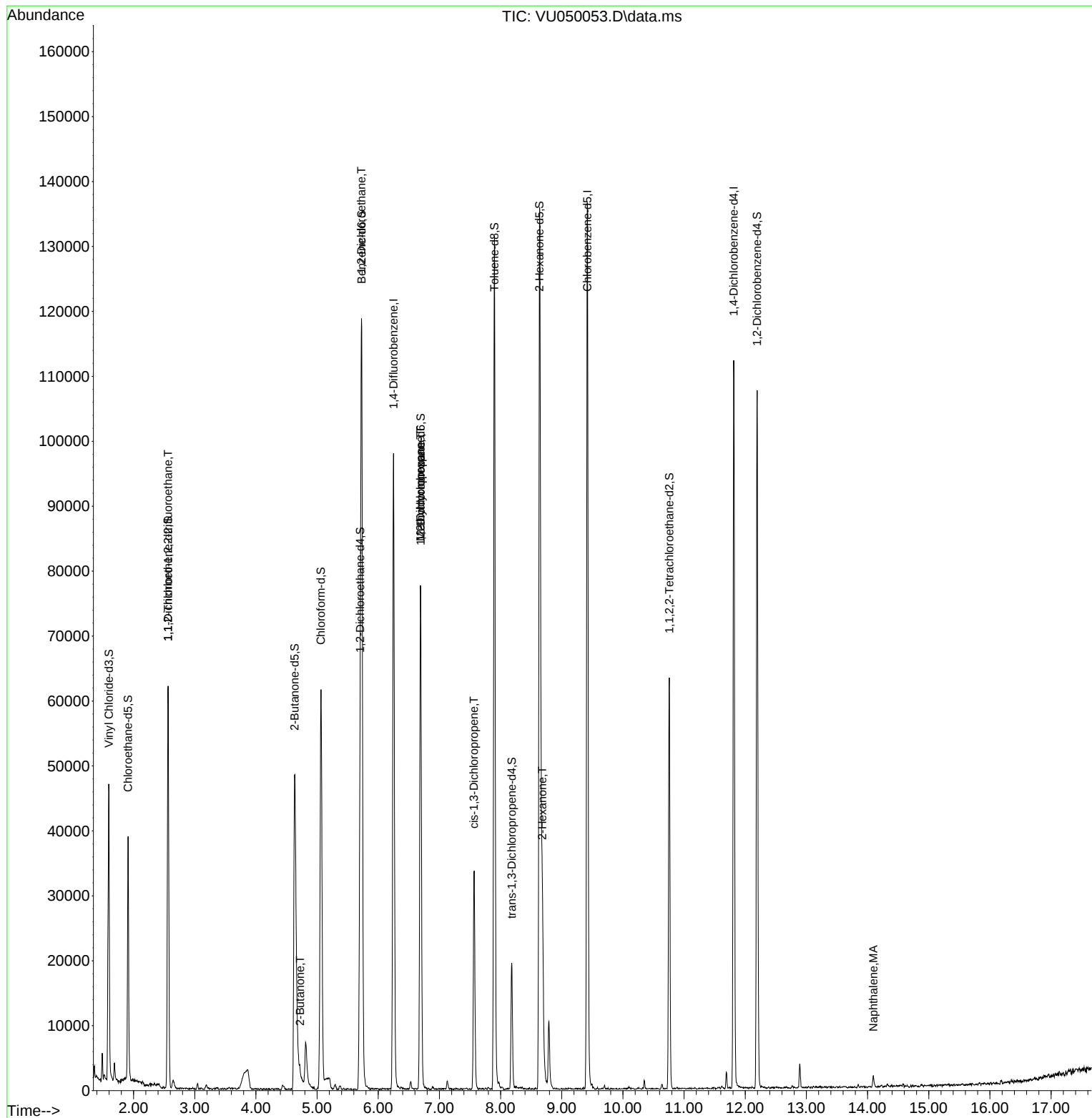
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81517	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31727	4.533	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.909	69	26042	5.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.565	65	11631	4.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.632	46	80588	51.724	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.440%	
24) Chloroform-d	5.063	84	58801	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.703	65	30350	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.729	84	114411	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.693	67	39065	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.899	98	91581	4.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	8.182	79	12535	4.524	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.635	63	43052	41.502	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.000%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33095	4.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30226	5.243	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	301	0.062	ug/L #	21
21) 2-Butanone	4.722	43	2538	1.609	ug/L #	60
27) 1,2-Dichloroethane	5.726	62	586	0.092	ug/L #	73
35) Methylcyclohexane	6.690	83	8911	1.166	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	3993	0.608	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	802	0.094	ug/L #	52
48) 2-Hexanone	8.684	43	15267	5.276	ug/L #	91
71) Naphthalene	14.095	128	2062	0.206	ug/L #	90

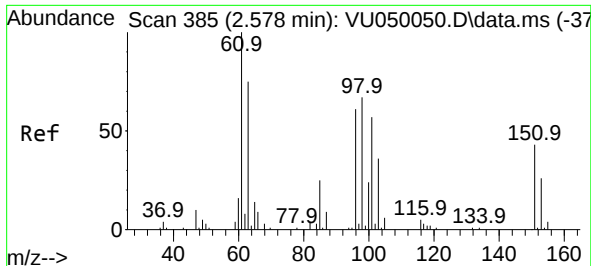
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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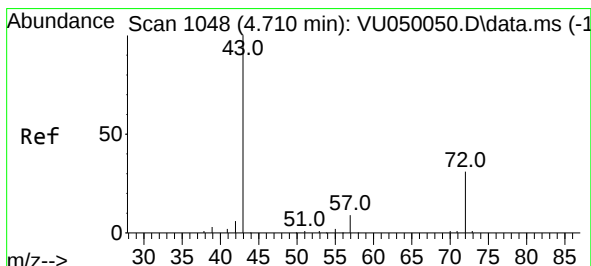
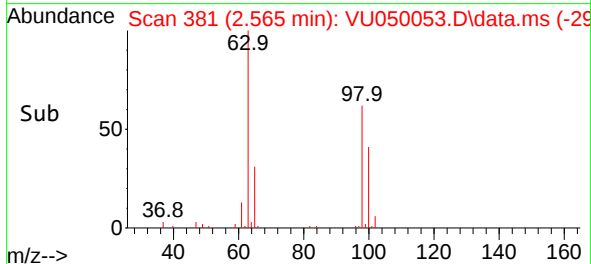
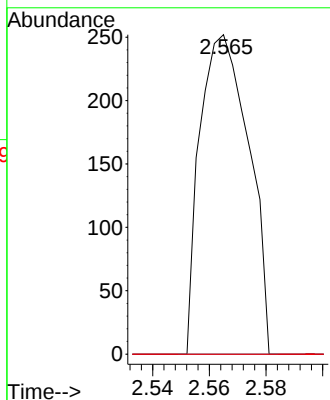
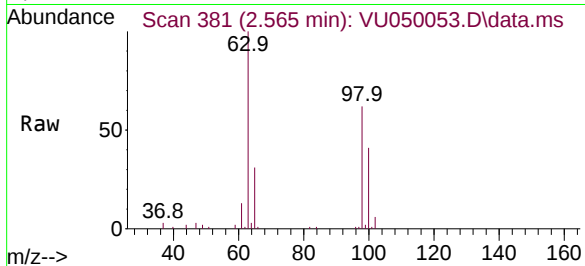




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.565 min Scan# 301
Delta R.T. -0.013 min
Lab File: VU050053.D
Acq: 03 Aug 2022 14:59

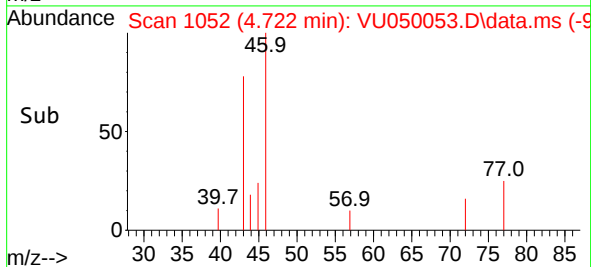
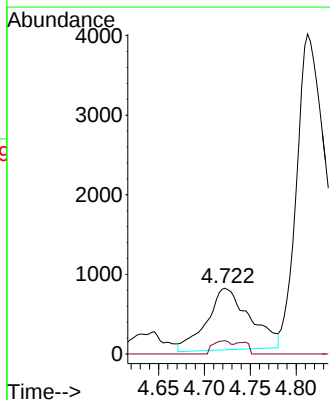
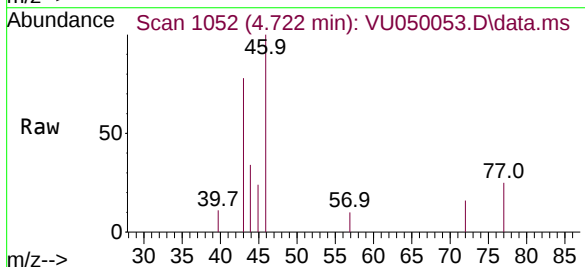
Instrument :
MSVOA_U
ClientSampleId :
GBJH5

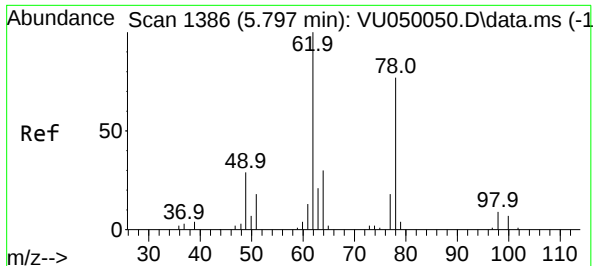
Tgt Ion: 101 Resp: 301
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#



#21
2-Butanone
Concen: 1.609 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU050053.D
Acq: 03 Aug 2022 14:59

Tgt Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
72 9.5 15.8 47.3#





#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050053.D

Acq: 03 Aug 2022 14:59

Instrument :

MSVOA_U

ClientSampleId :

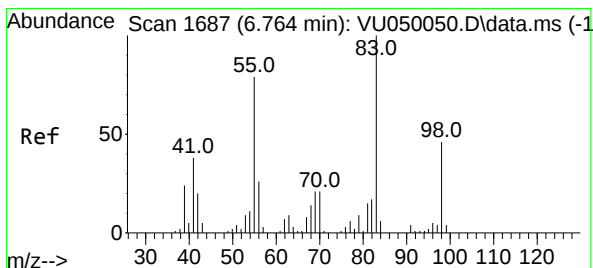
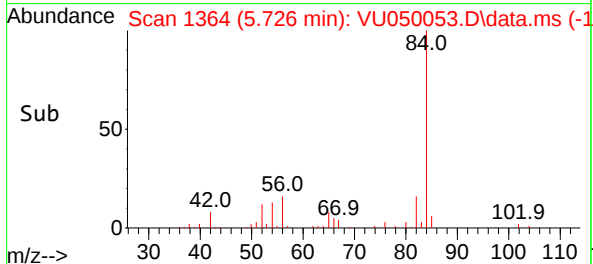
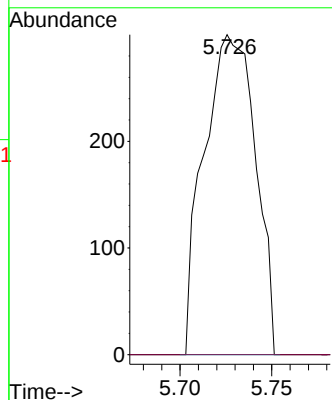
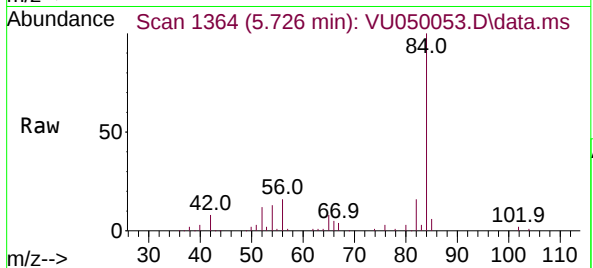
GBJH5

Tgt Ion: 62 Resp: 586

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 1.166 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050053.D

Acq: 03 Aug 2022 14:59

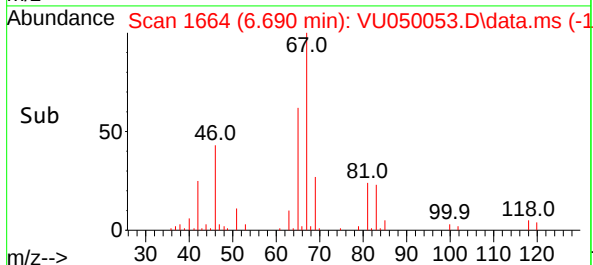
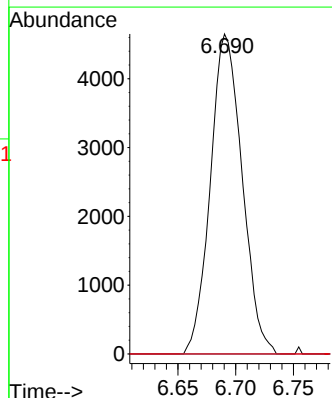
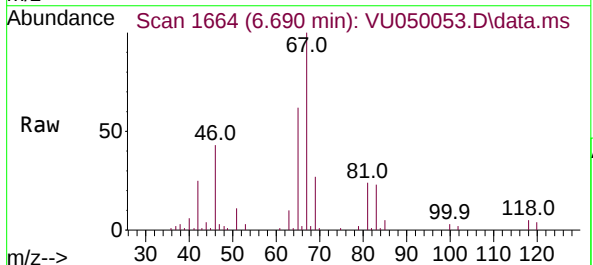
Tgt Ion: 83 Resp: 8911

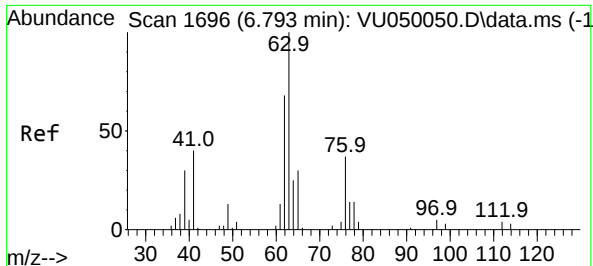
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050053.D

Acq: 03 Aug 2022 14:59

Instrument :

MSVOA_U

ClientSampleId :

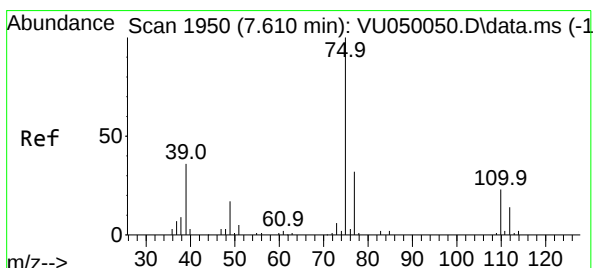
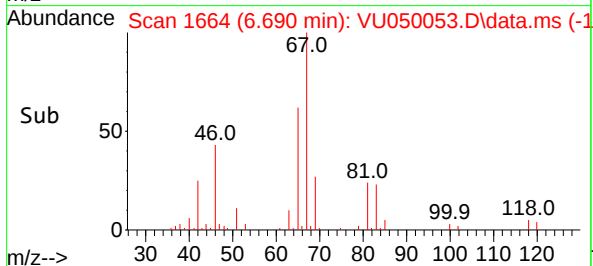
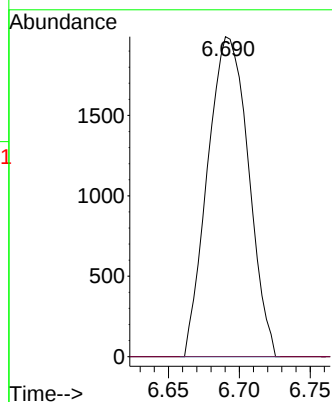
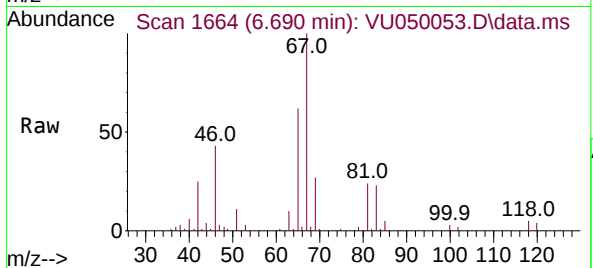
GBJH5

Tgt Ion: 63 Resp: 3993

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU050053.D

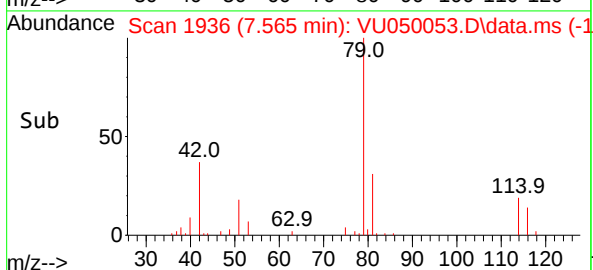
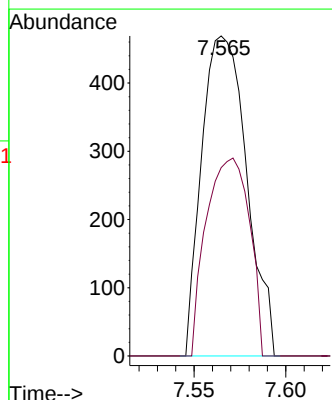
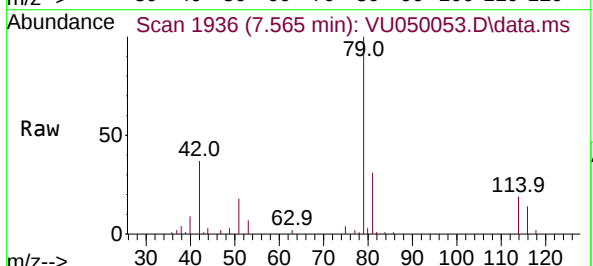
Acq: 03 Aug 2022 14:59

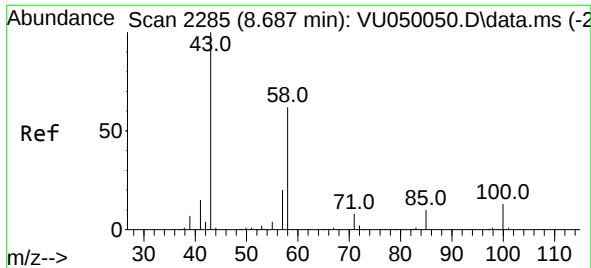
Tgt Ion: 75 Resp: 802

Ion Ratio Lower Upper

75 100

77 58.8 22.5 41.9#

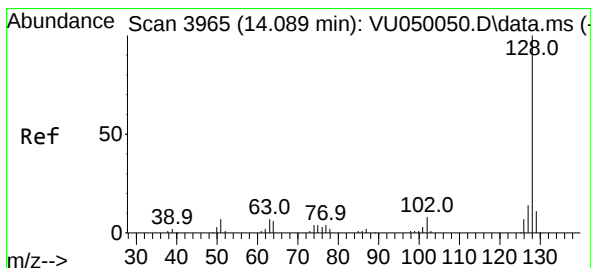
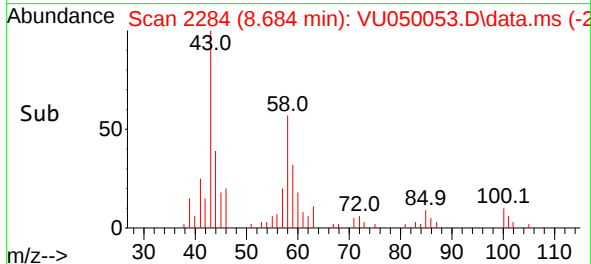
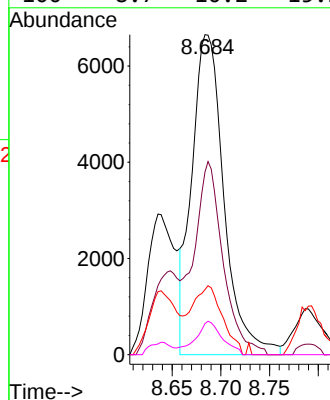
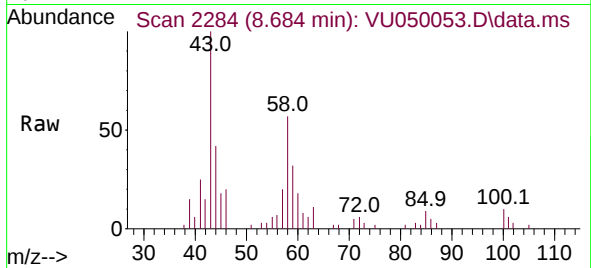




#48
2-Hexanone
Concen: 5.276 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050053.D
Acq: 03 Aug 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :
GBJH5

Tgt Ion:	43	Resp:	15267
Ion	Ratio	Lower	Upper
43	100		
58	53.1	49.4	74.0
57	20.5	17.0	25.4
100	8.7	10.2	15.2#



#71
Naphthalene
Concen: 0.206 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU050053.D
Acq: 03 Aug 2022 14:59

Tgt Ion:	128	Resp:	2062
Ion	Ratio	Lower	Upper
128	100		
129	4.6	8.5	12.7#
127	14.9	10.3	15.5

