

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052673.D
 Acq On : 13 Jan 2023 18:10
 Operator : JC/MD
 Sample : N1139-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z7

Quant Time: Jan 13 22:27:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	83040	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	83831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	39231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29541	4.049	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.916	69	26315	4.428	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.565	65	14378	4.475	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.626	46	155348	79.640	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	159.280%#	
24) Chloroform-d	5.060	84	66204	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.697	65	41025	5.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.400%	
32) Benzene-d6	5.726	84	127426	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.687	67	46146	5.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.893	98	106350	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.176	79	16798	4.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.629	63	111021	79.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	158.740%#	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45856	6.615	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	132.200%#	
66) 1,2-Dichlorobenzene-d4	12.189	152	39933	5.592	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	15706	1.515	ug/L	95
8) Chloroethane	1.938	64	3648	0.579	ug/L	96
12) 1,1-Dichloroethene	2.581	96	275391	38.251	ug/L #	73
13) Acetone	2.642	43	33099	23.660	ug/L	99
14) Carbon disulfide	2.793	76	6649	0.267	ug/L #	93
15) Methyl Acetate	2.951	43	29702	8.856	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	1873	0.118	ug/L #	85
18) trans-1,2-Dichloroethene	3.353	96	997	0.136	ug/L	85
19) 1,1-Dichloroethane	3.864	63	152914	10.029	ug/L	99
21) 2-Butanone	4.713	43	22291	9.898	ug/L	91
22) cis-1,2-Dichloroethene	4.662	96	75212	9.539	ug/L	97
34) Trichloroethene	6.539	95	1705458	217.289	ug/L	98
35) Methylcyclohexane	6.687	83	10969	0.846	ug/L #	16
37) 1,2-Dichloropropane	6.787	63	5568	0.625	ug/L #	90
48) 2-Hexanone	8.677	43	3560	0.955	ug/L #	93
61) 1,2,3-Trichloropropane	11.809	75	4493	0.985	ug/L #	65

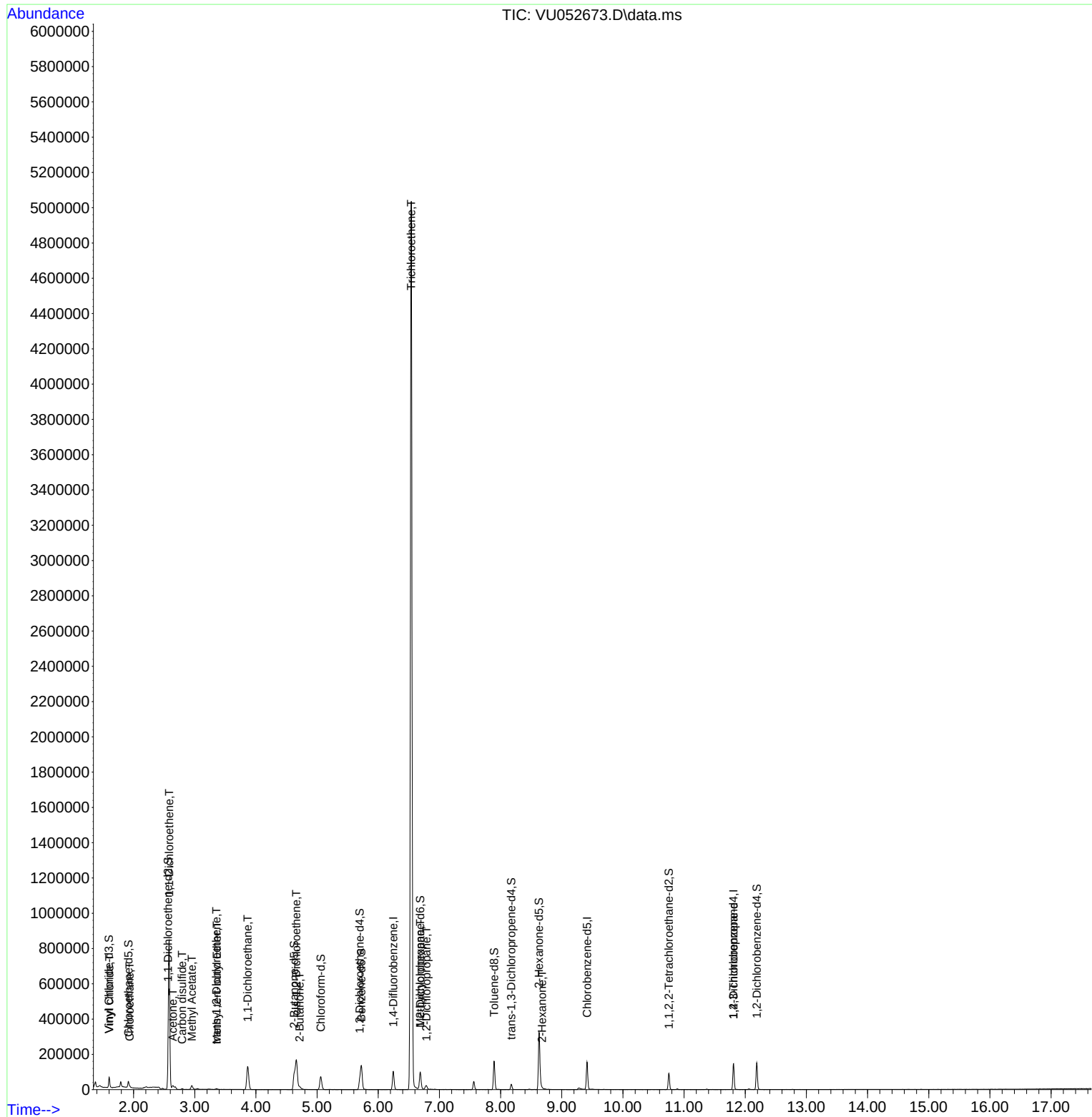
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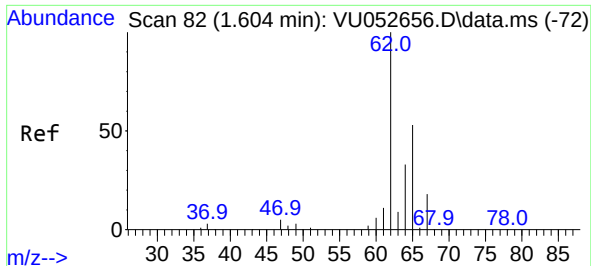
Instrument :
MSVOA_U
ClientSampleId :
BH1Z7

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Response via : Initial Calibration

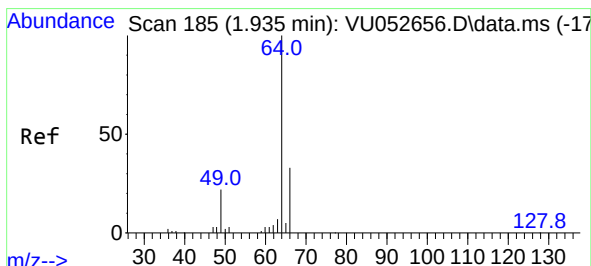
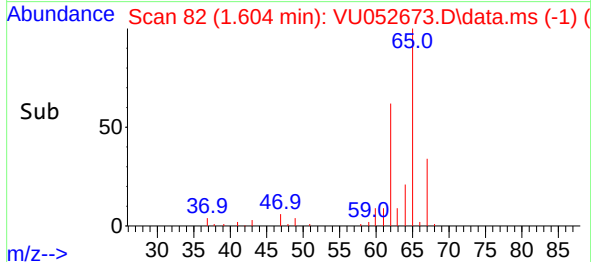
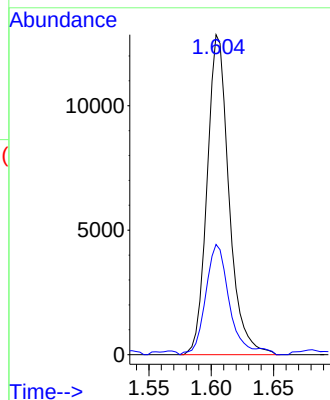
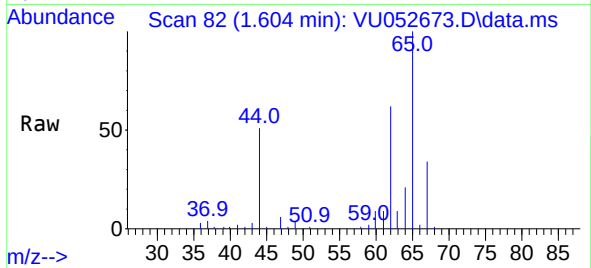




#5
 Vinyl chloride
 Concen: 1.515 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052673.D
 Acq: 13 Jan 2023 18:10

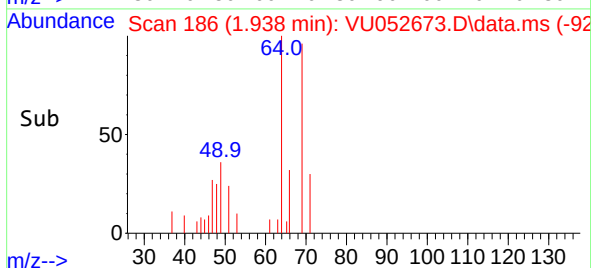
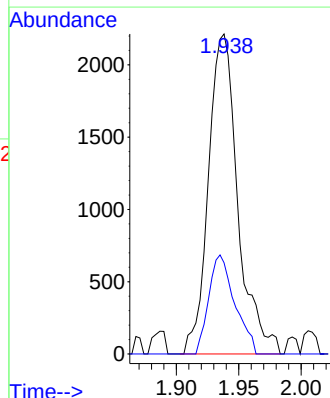
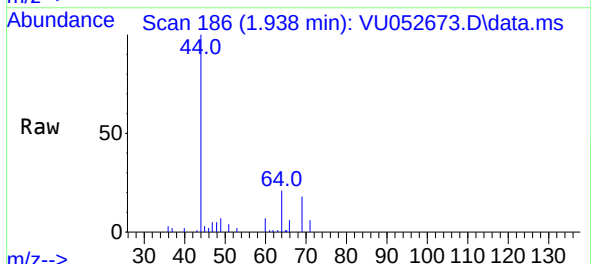
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 ClientSampleId :
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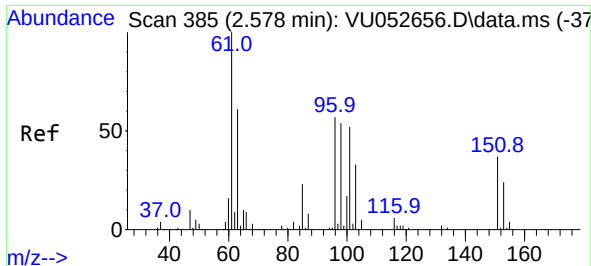
Tgt Ion: 62 Resp: 15706
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.3 41.3



#8
 Chloroethane
 Concen: 0.579 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.003 min
 Lab File: VU052673.D
 Acq: 13 Jan 2023 18:10

Tgt Ion: 64 Resp: 3648
 Ion Ratio Lower Upper
 64 100
 66 28.5 21.6 40.2





#12

1,1-Dichloroethene

Concen: 38.251 ug/L

RT: 2.581 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU052673.D

Acq: 13 Jan 2023 18:10

Instrument :

MSVOA_U

ClientSampleId :

BH1Z7

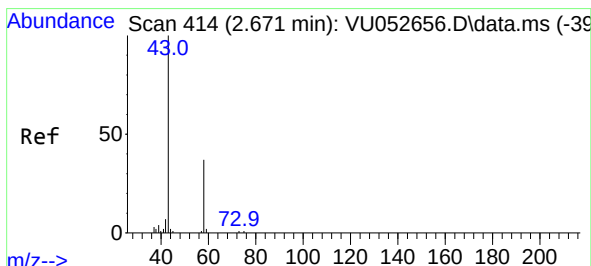
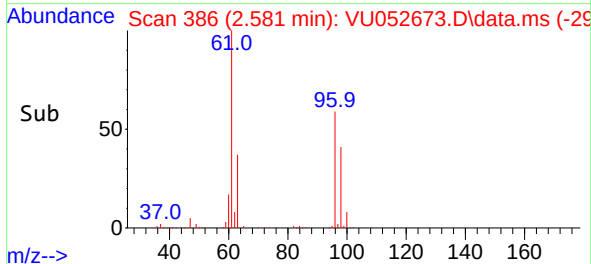
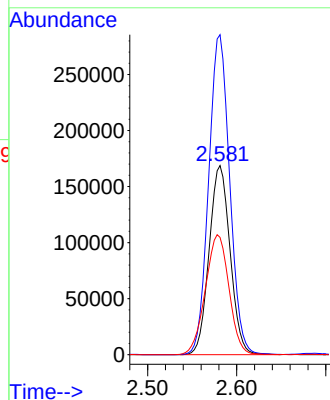
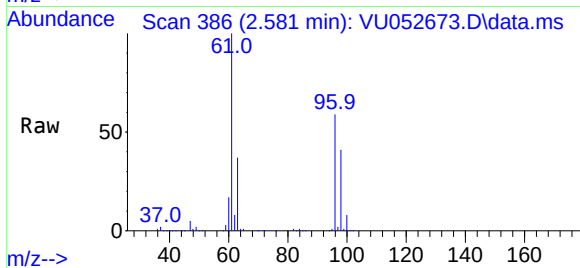
Tgt Ion: 96 Resp: 275391

Ion Ratio Lower Upper

96 100

61 169.2 129.6 240.8

63 62.0 83.7 155.5#



#13

Acetone

Concen: 23.660 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.019 min

Lab File: VU052673.D

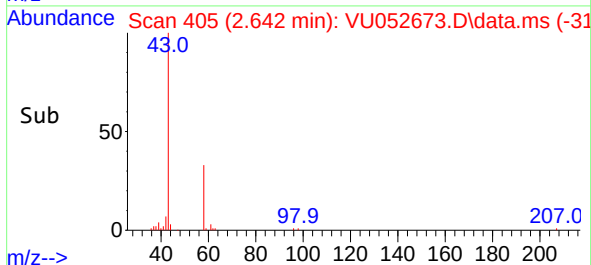
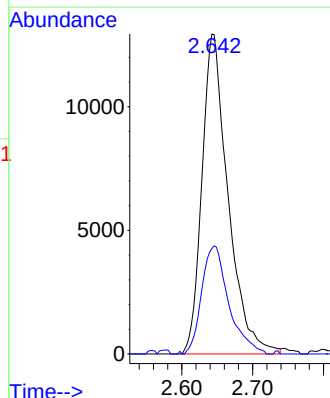
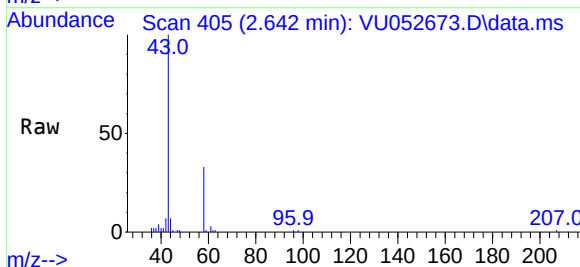
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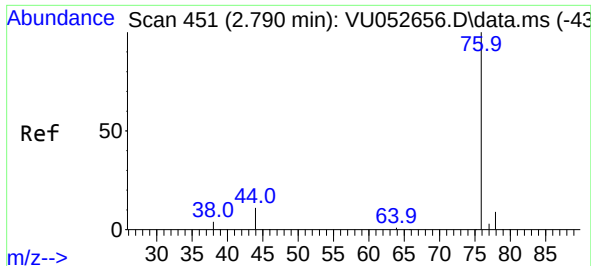
Tgt Ion: 43 Resp: 33099

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8

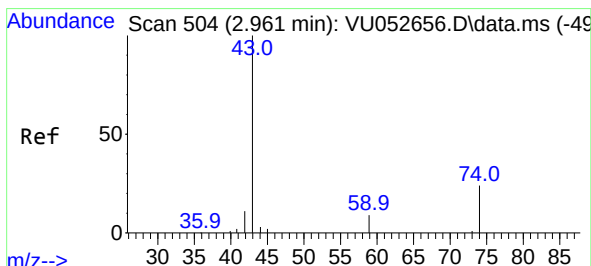
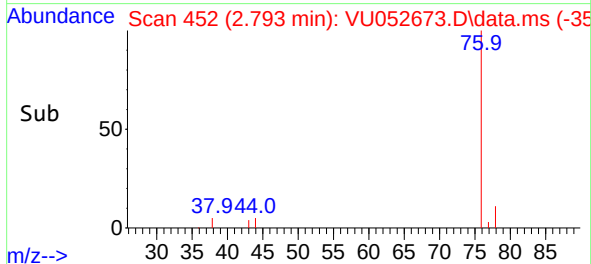
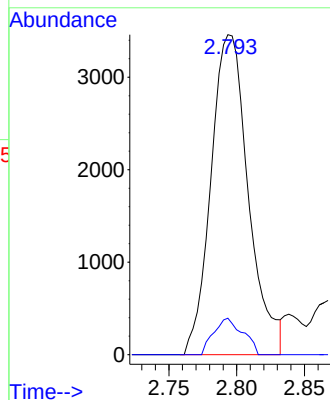
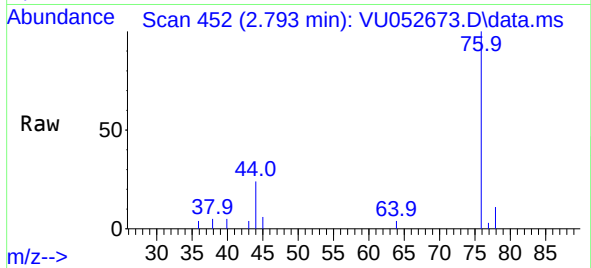




#14
Carbon disulfide
Concen: 0.267 ug/L
RT: 2.793 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

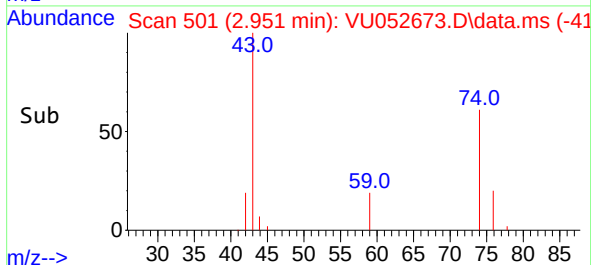
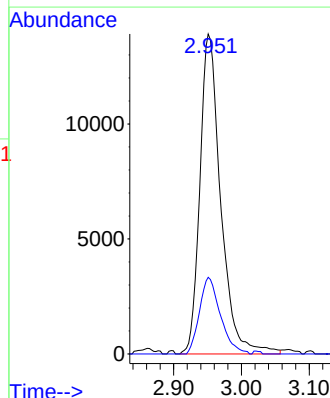
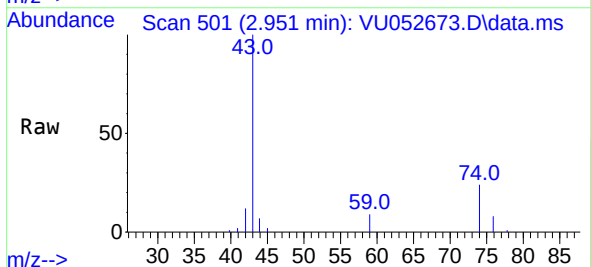
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ClientSampleId :
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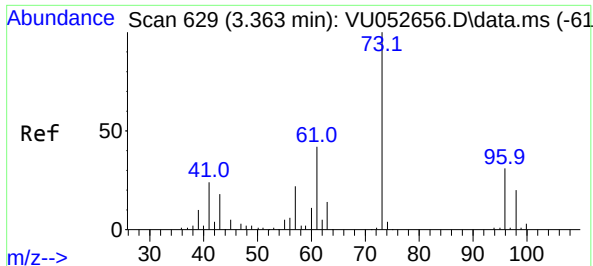
Tgt Ion: 76 Resp: 6649
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#



#15
Methyl Acetate
Concen: 8.856 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.006 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

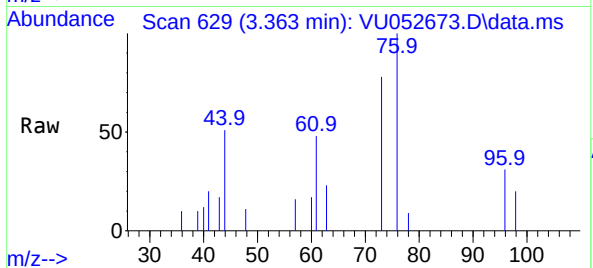
Tgt Ion: 43 Resp: 29702
Ion Ratio Lower Upper
43 100
74 24.0 17.5 26.3



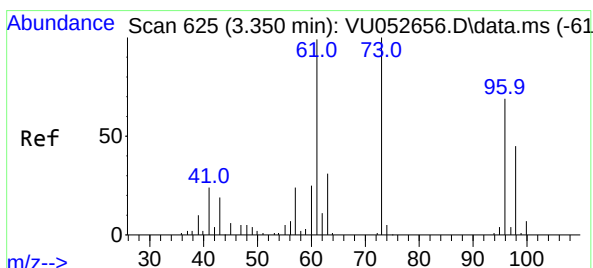
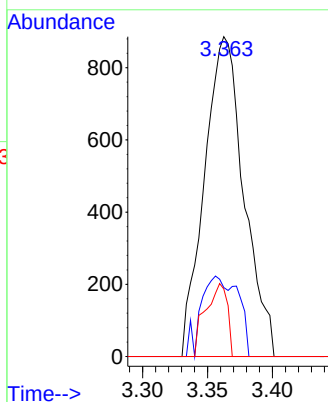
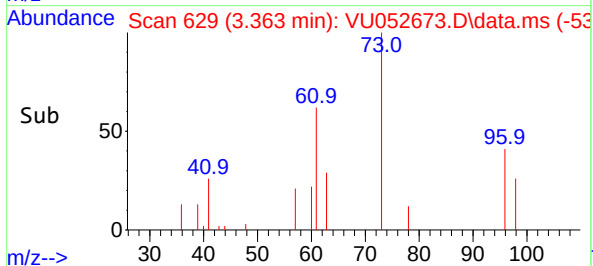


#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

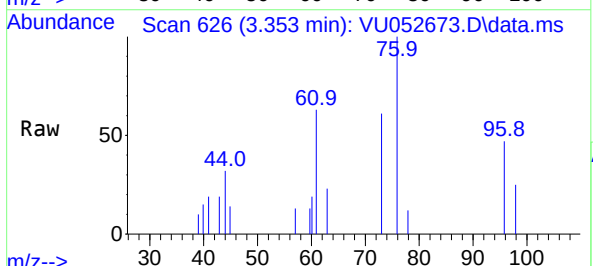
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ClientSampleId :
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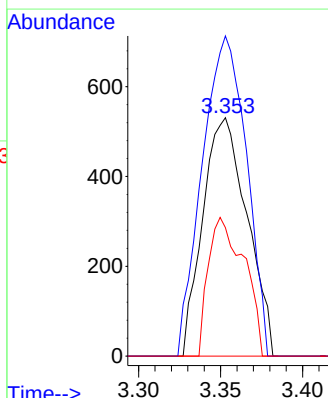
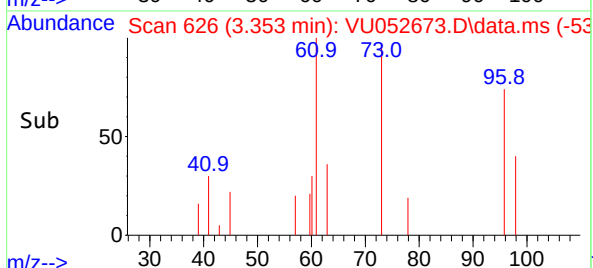
Tgt Ion: 73 Resp: 1873
Ion Ratio Lower Upper
73 100
43 16.6 15.8 23.8
57 12.5 18.6 28.0#

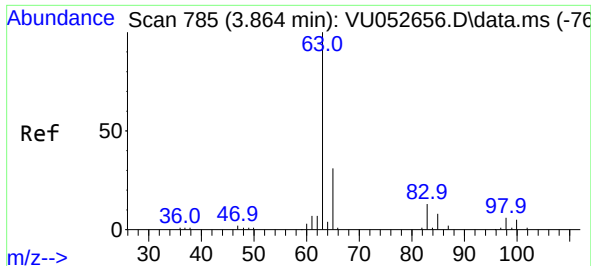


#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10



Tgt Ion: 96 Resp: 997
Ion Ratio Lower Upper
96 100
61 134.3 108.4 201.4
98 53.9 43.8 81.4

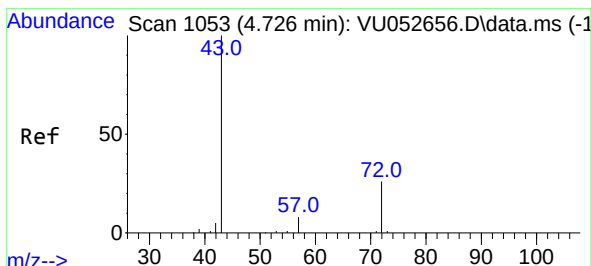
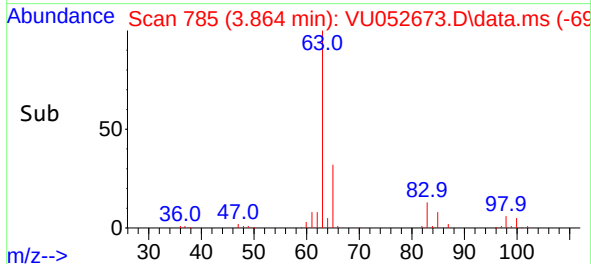
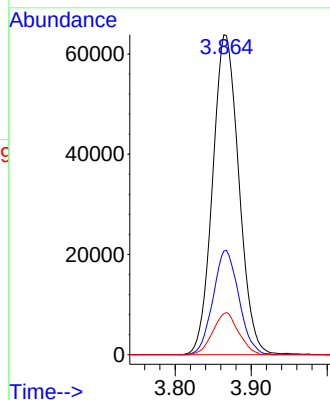
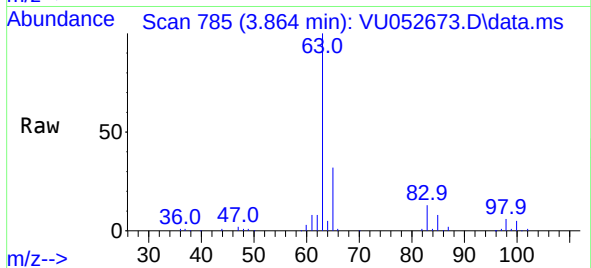




#19
1,1-Dichloroethane
Concen: 10.029 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

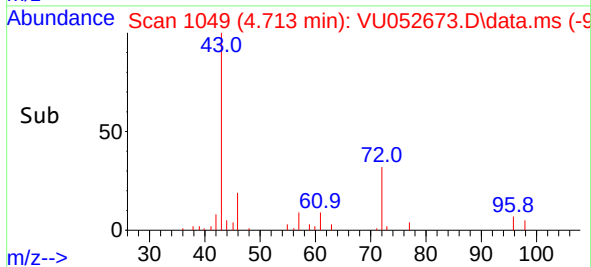
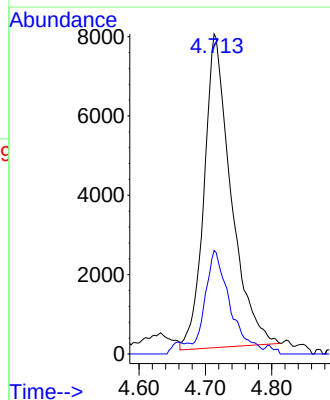
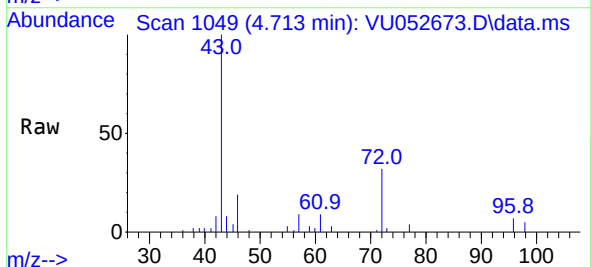
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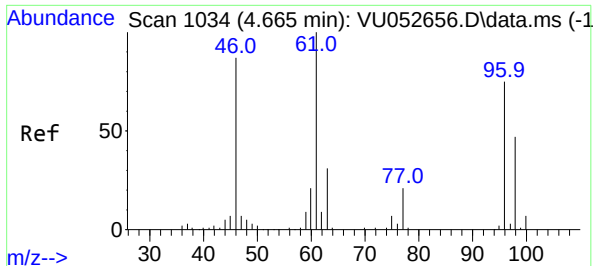
Tgt Ion: 63 Resp: 152914
Ion Ratio Lower Upper
63 100
65 32.4 22.0 41.0
83 12.9 8.9 16.5



#21
2-Butanone
Concen: 9.898 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

Tgt Ion: 43 Resp: 22291
Ion Ratio Lower Upper
43 100
72 30.2 12.9 38.6

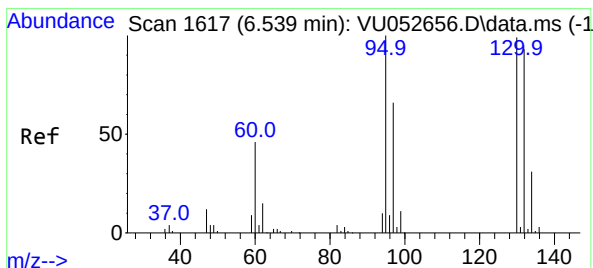
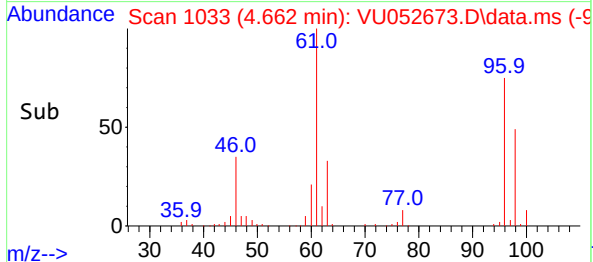
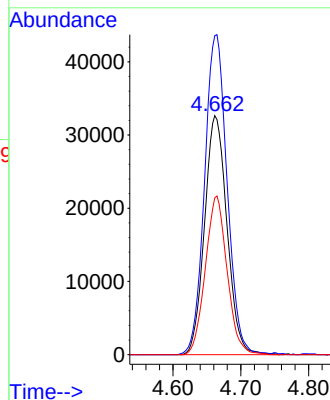
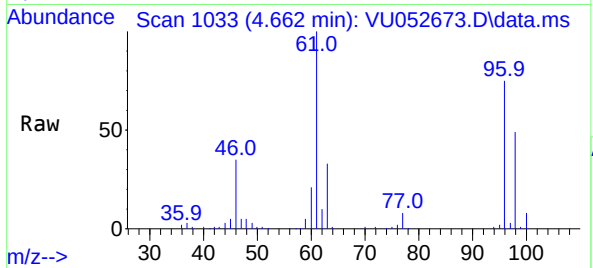




#22
cis-1,2-Dichloroethene
Concen: 9.539 ug/L
RT: 4.662 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

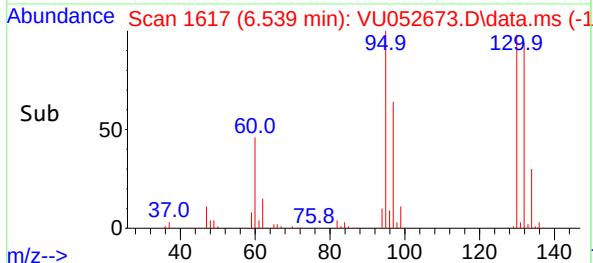
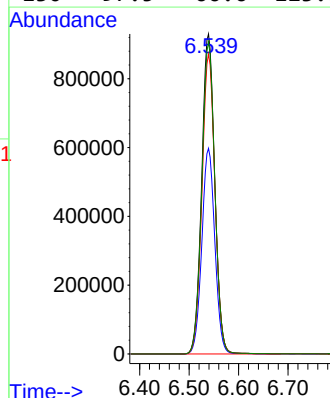
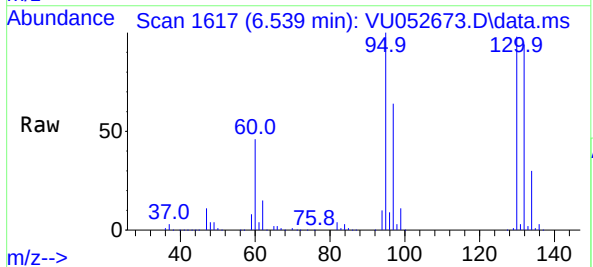
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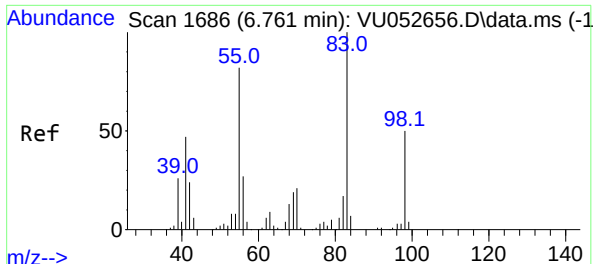
Tgt Ion: 96 Resp: 75212
Ion Ratio Lower Upper
96 100
61 133.4 94.6 175.8
98 65.6 43.3 80.3



#34
Trichloroethene
Concen: 217.289 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

Tgt Ion: 95 Resp: 1705458
Ion Ratio Lower Upper
95 100
97 64.3 46.0 85.4
132 93.7 64.0 118.8
130 97.5 66.6 123.8

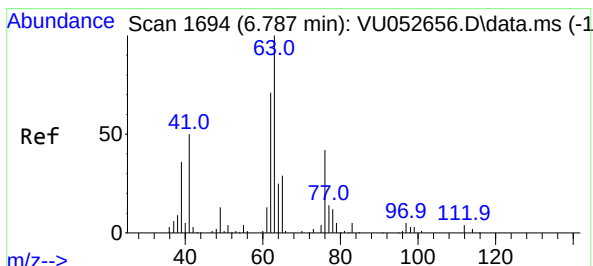
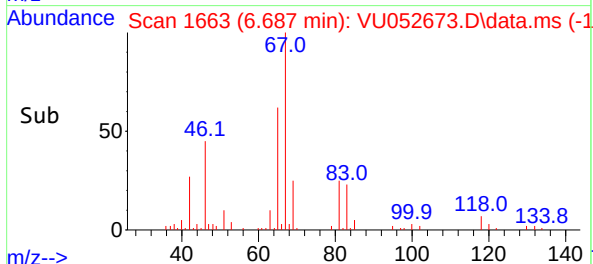
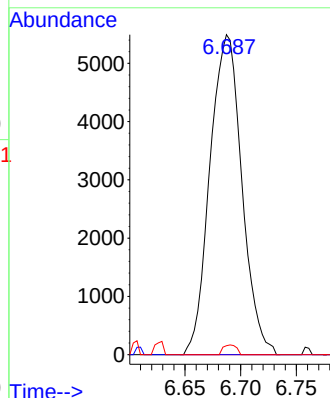
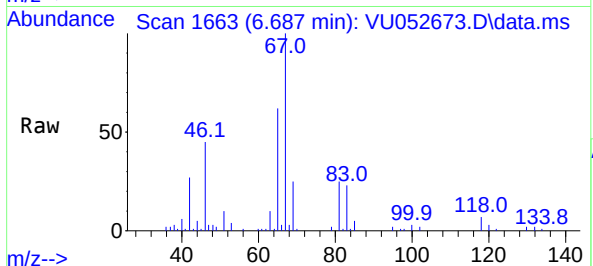




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

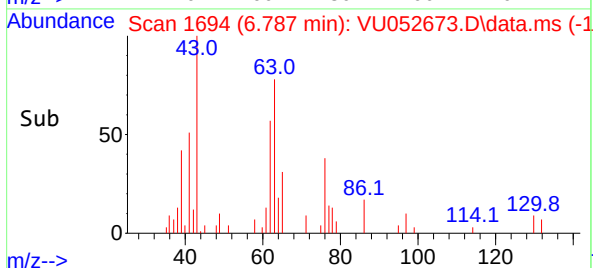
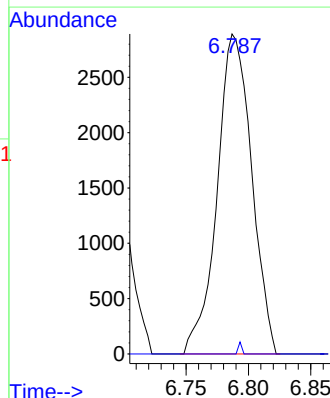
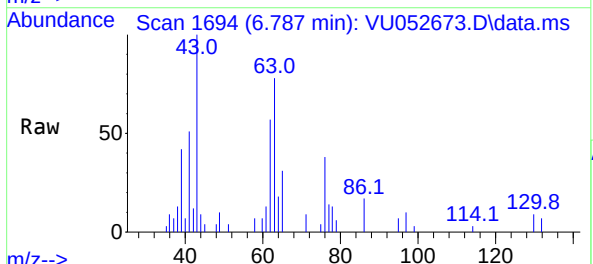
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MSVOA_U
ClientSampleId :
BH1Z7

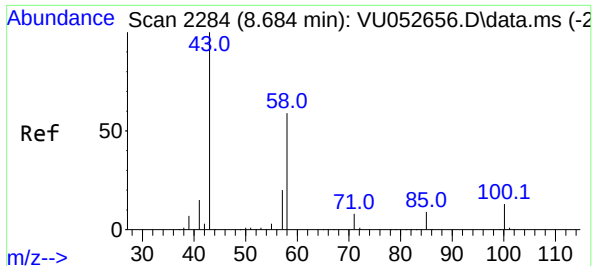
Tgt Ion: 83 Resp: 10969
Ion Ratio Lower Upper
83 100
55 0.4 67.6 101.4#
98 0.0 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

Tgt Ion: 63 Resp: 5568
Ion Ratio Lower Upper
63 100
112 0.4 2.9 4.3#



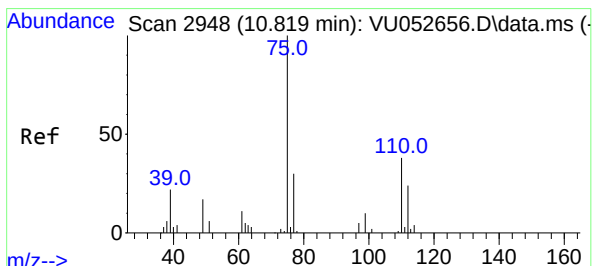
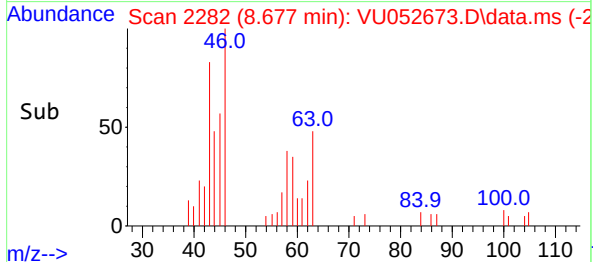
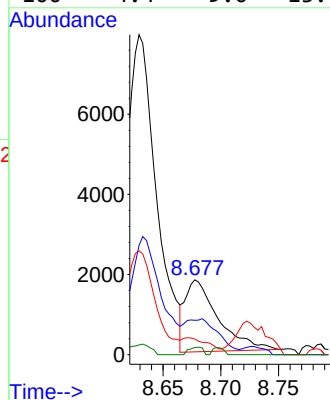
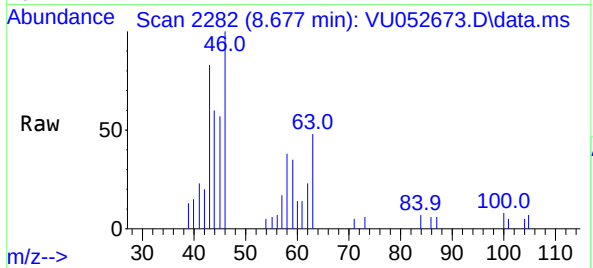


#48
2-Hexanone
Concen: 0.955 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

Instrument :
MSVOA_U
ClientSampleId :
BH1Z7

Tgt Ion: 43 Resp: 3560

Ion	Ratio	Lower	Upper
43	100		
58	51.3	45.1	67.7
57	18.5	15.1	22.7
100	4.4	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 0.985 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052673.D
Acq: 13 Jan 2023 18:10

Tgt Ion: 75 Resp: 4493

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.2	40.8
77	34.0	24.0	36.0

