

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053894.D
 Acq On : 25 Apr 2023 19:15
 Operator : JC/MD
 Sample : 02433-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE50

Quant Time: Apr 26 05:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

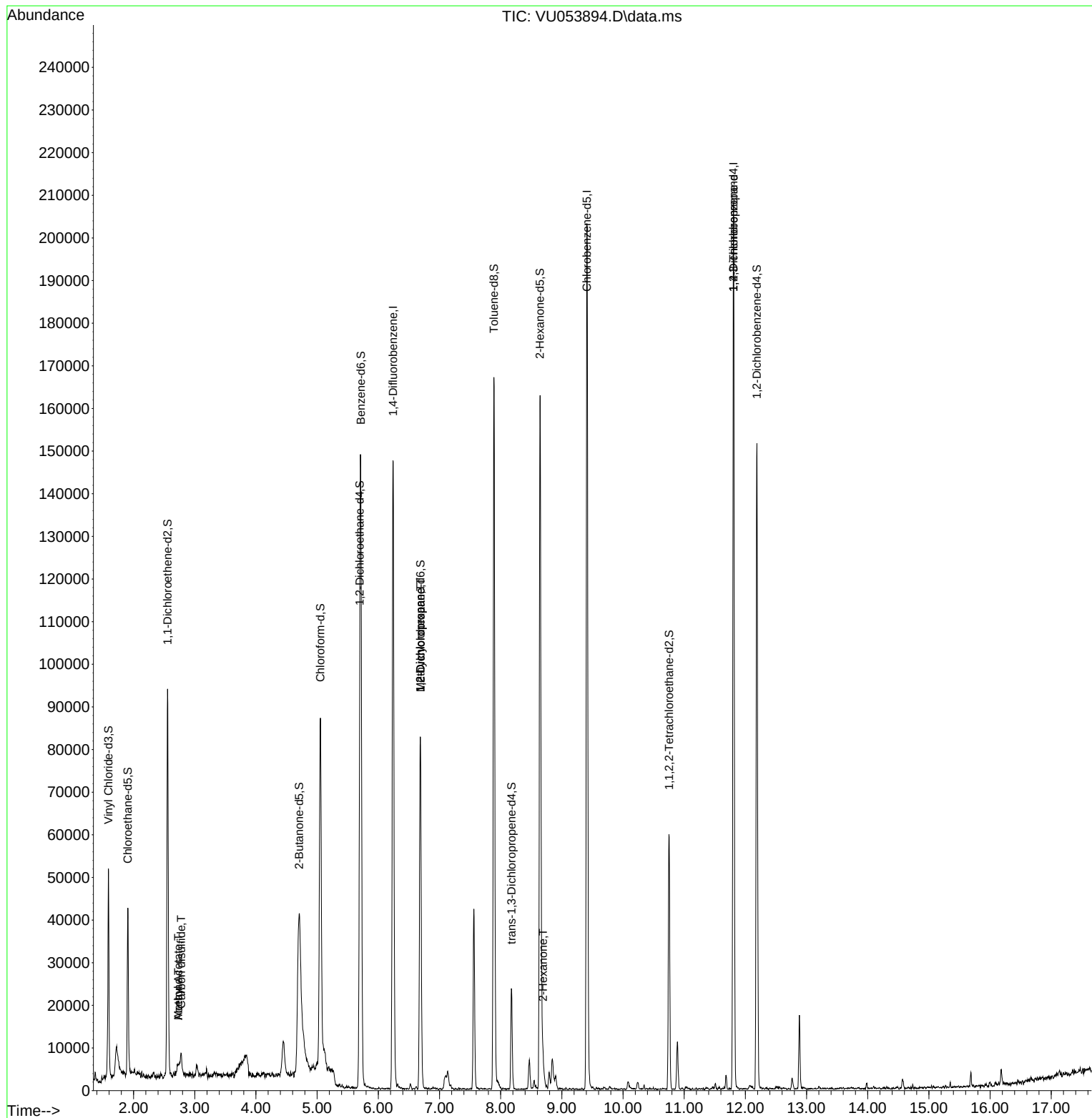
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	124875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	119409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	56715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.588	65	33892	4.456	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.906	69	29639	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.556	65	16323	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.707	46	86427	62.039	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.080%
24) Chloroform-d	5.051	84	76086	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.697	65	31158	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.713	84	130579	4.642	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.687	67	42202	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.890	98	116213	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.176	79	14605	4.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.642	63	58373	49.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	30492	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	42089	4.627	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
13) Acetone	2.732	43	8590	7.604	ug/L	50
14) Carbon disulfide	2.777	76	5175	0.240	ug/L #	90
15) Methyl Acetate	2.732	43	8590	3.523	ug/L #	47
35) Methylcyclohexane	6.687	83	9606	0.678	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4157	0.498	ug/L #	87
48) 2-Hexanone	8.690	43	2478	0.865	ug/L #	92
61) 1,2,3-Trichloropropane	11.806	75	6717	1.536	ug/L #	64

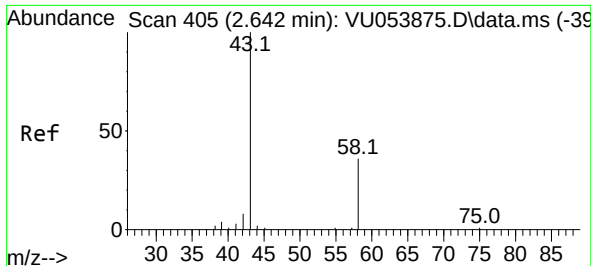
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.604 ug/L

RT: 2.732 min Scan# 41

Delta R.T. 0.090 min

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Instrument :

MSVOA_U

ClientSampleId :

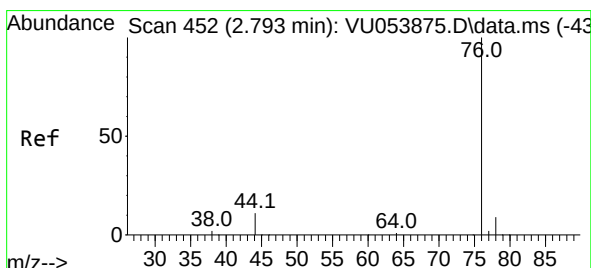
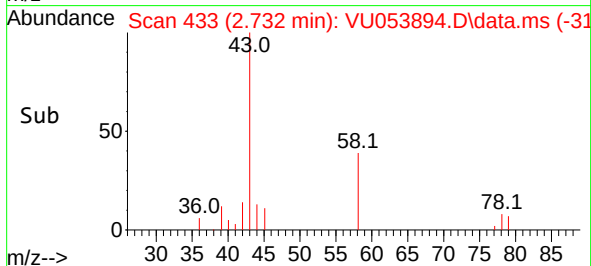
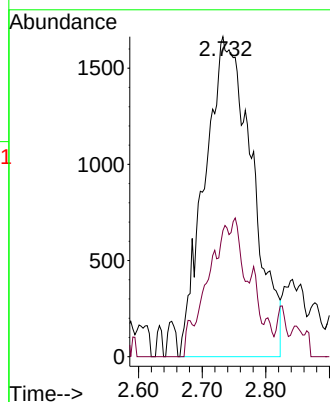
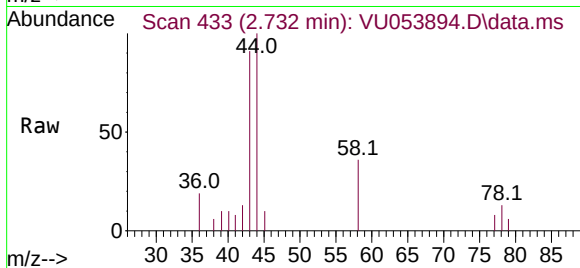
BHE50

Tgt Ion: 43 Resp: 8590

Ion Ratio Lower Upper

43 100

58 7.9 0.0 76.2



#14

Carbon disulfide

Concen: 0.240 ug/L

RT: 2.777 min Scan# 447

Delta R.T. -0.016 min

Lab File: VU053894.D

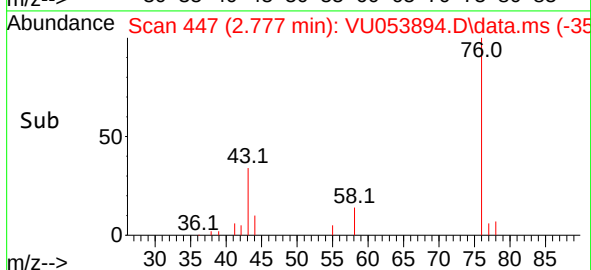
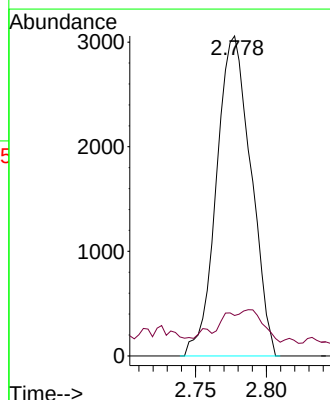
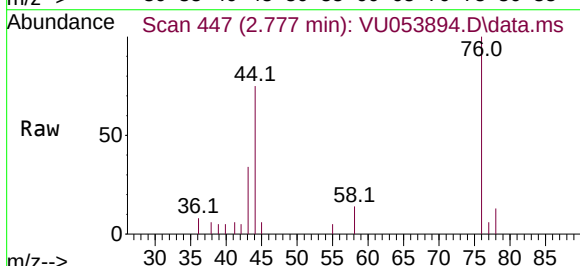
Acq: 25 Apr 2023 19:15

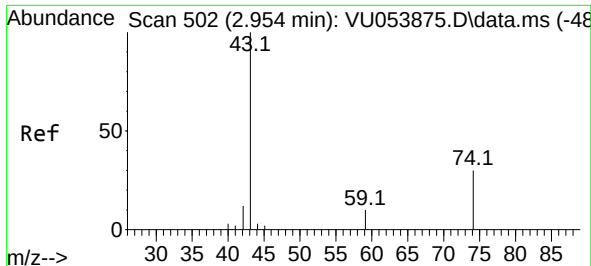
Tgt Ion: 76 Resp: 5175

Ion Ratio Lower Upper

76 100

78 12.7 7.3 10.9#

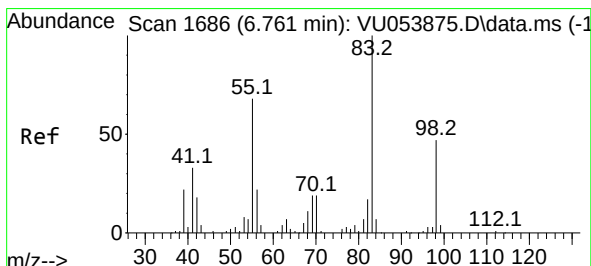
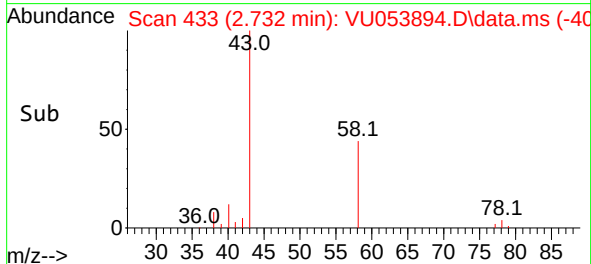
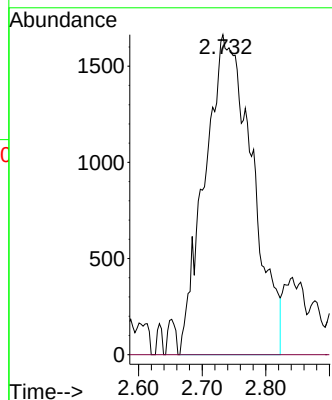
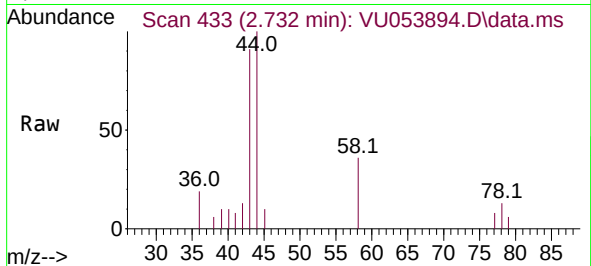




#15
Methyl Acetate
Concen: 3.523 ug/L
RT: 2.732 min Scan# 41
Delta R.T. -0.222 min
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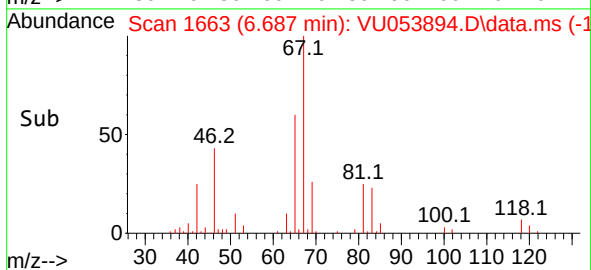
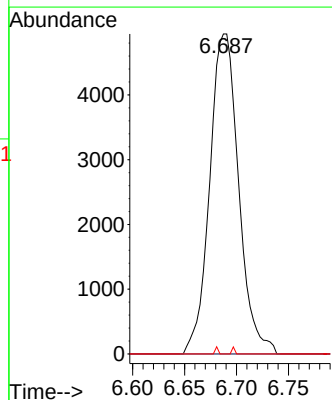
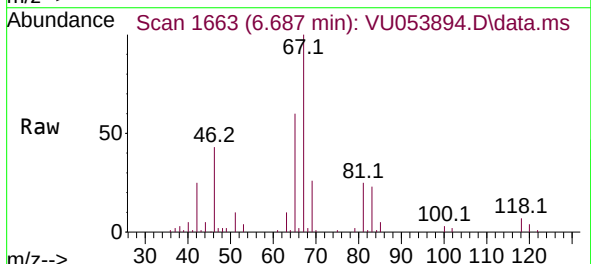
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BHE50

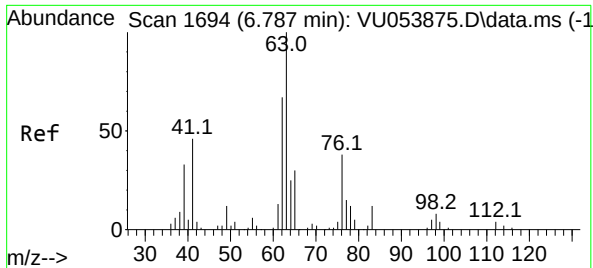
Tgt Ion: 43 Resp: 8590
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053894.D
Acq: 25 Apr 2023 19:15

Tgt Ion: 83 Resp: 9606
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#

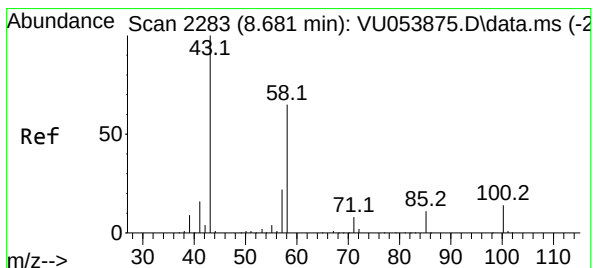
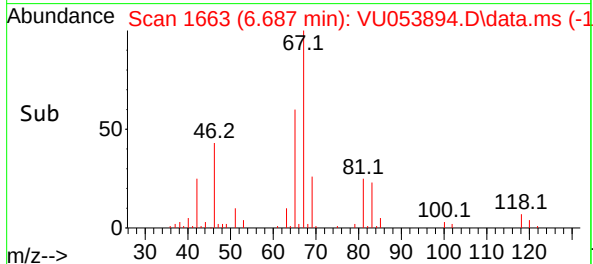
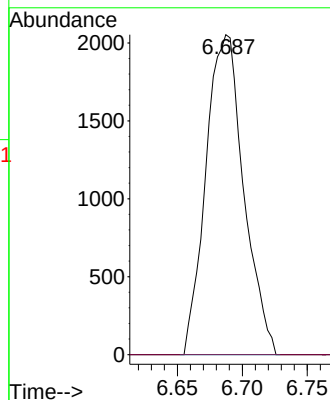
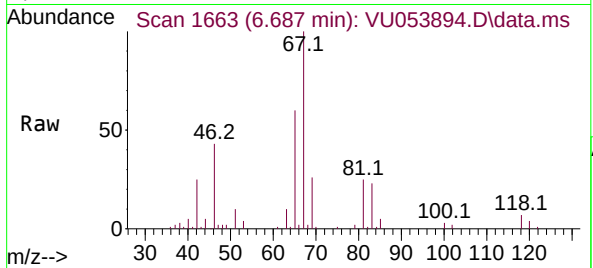




#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU053894.D
Acq: 25 Apr 2023 19:15

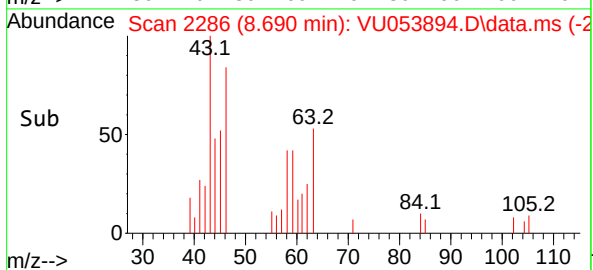
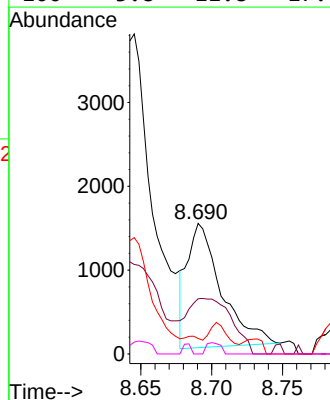
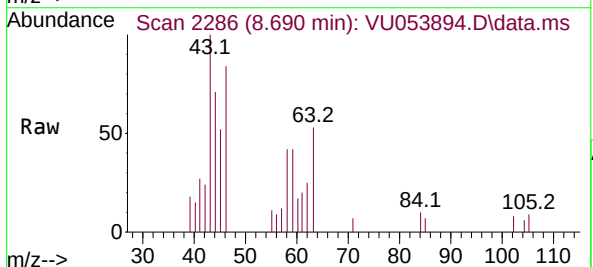
Instrument :
MSVOA_U
ClientSampleId :
BHE50

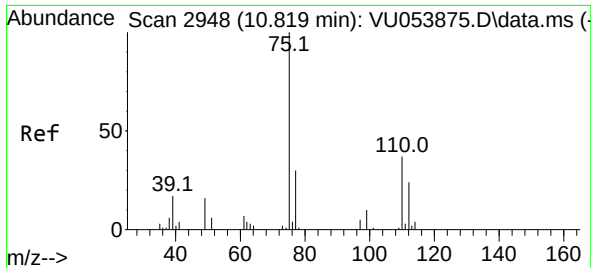
Tgt Ion: 63 Resp: 4157
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#48
2-Hexanone
Concen: 0.865 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.010 min
Lab File: VU053894.D
Acq: 25 Apr 2023 19:15

Tgt Ion: 43 Resp: 2478
Ion Ratio Lower Upper
43 100
58 60.7 49.8 74.6
57 14.8 16.9 25.3#
100 3.8 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.536 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053894.D
 Acq: 25 Apr 2023 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE50

Tgt Ion: 75 Resp: 6717
 Ion Ratio Lower Upper
 75 100
 110 0.7 30.7 46.1#
 77 29.8 26.2 39.4

