

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053917.D
 Acq On : 26 Apr 2023 16:30
 Operator : JC/MD
 Sample : 02488-04 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE60

Quant Time: Apr 27 05:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

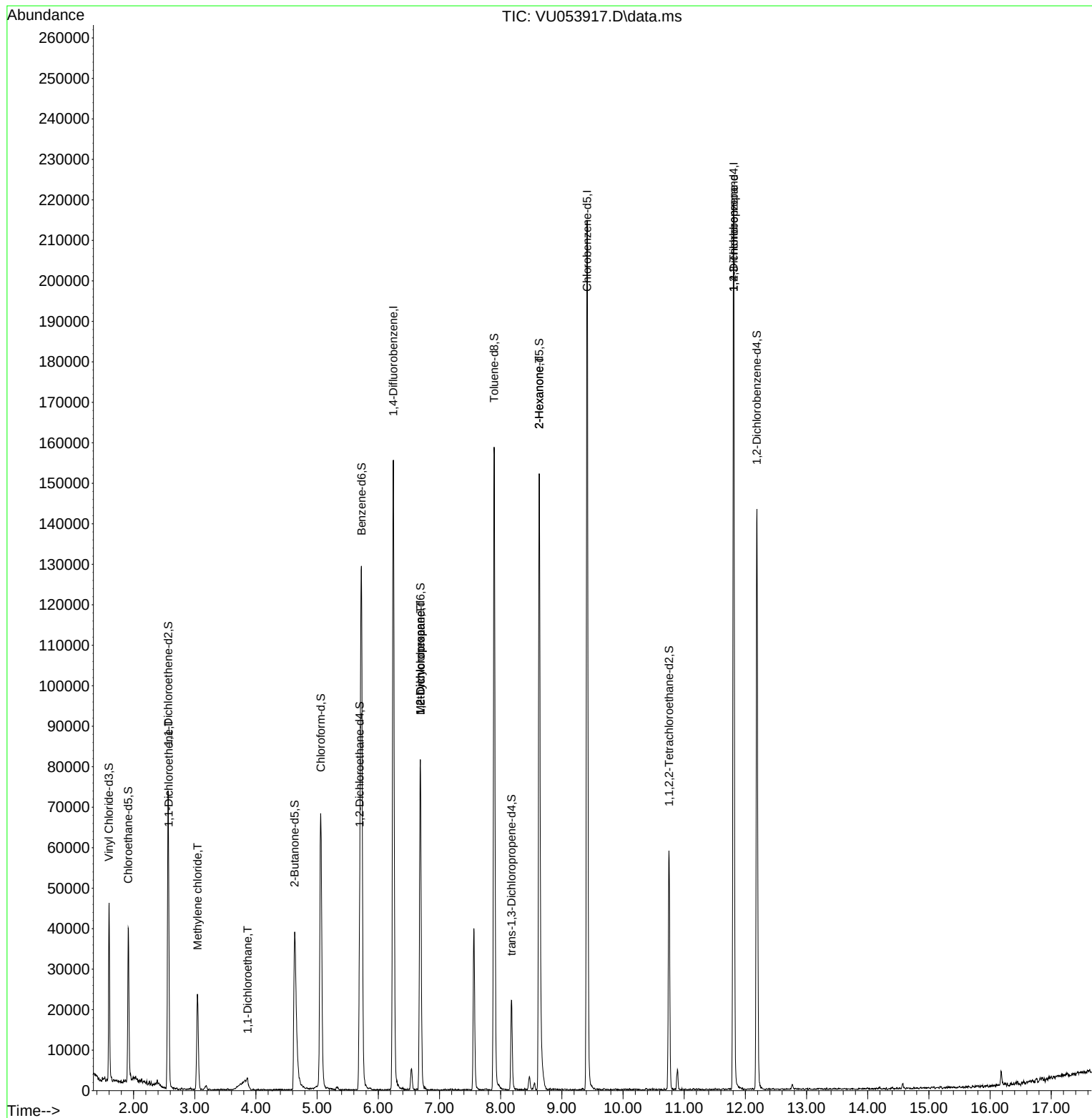
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136646	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33550	4.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.912	69	29087	4.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.565	65	14076	4.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.633	46	68197	44.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.480%
24) Chloroform-d	5.060	84	65838	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.697	65	31184	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.726	84	128648	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.687	67	40363	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.893	98	113603	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.179	79	13434	3.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.629	63	55886	43.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	30971	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	41190	4.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	993	0.116	ug/L #	1
16) Methylene chloride	3.044	84	12322	1.050	ug/L	97
19) 1,1-Dichloroethane	3.864	63	2258	0.144	ug/L	98
35) Methylcyclohexane	6.687	83	9545	0.625	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4156	0.462	ug/L #	87
48) 2-Hexanone	8.629	43	6593	2.136	ug/L #	73
61) 1,2,3-Trichloropropane	11.809	75	7154	1.500	ug/L #	68

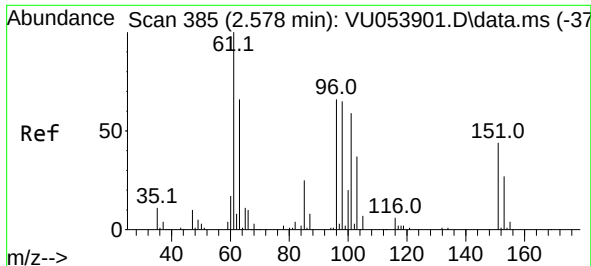
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

BHE60

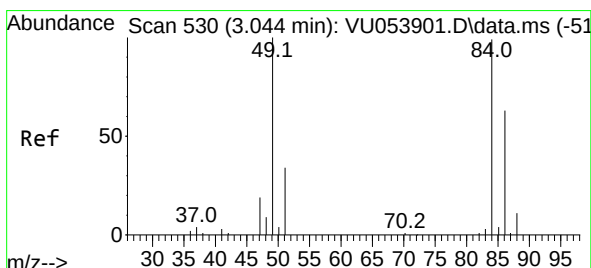
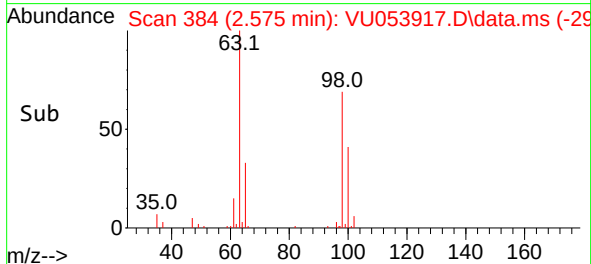
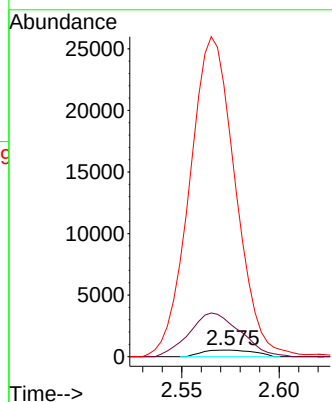
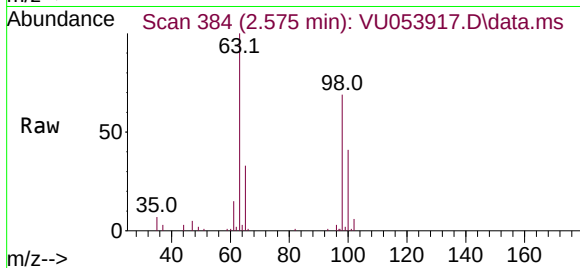
Tgt Ion: 96 Resp: 993

Ion Ratio Lower Upper

96 100

61 498.9 111.5 207.1#

63 3348.6 68.7 127.7#



#16

Methylene chloride

Concen: 1.050 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053917.D

Acq: 26 Apr 2023 16:30

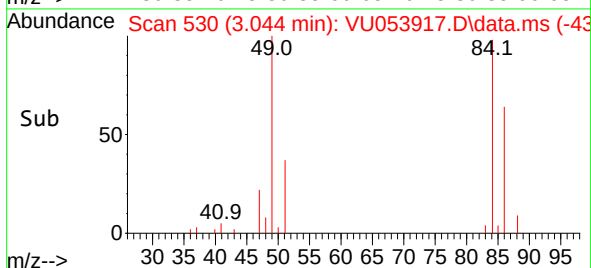
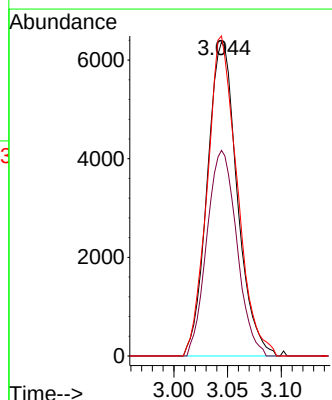
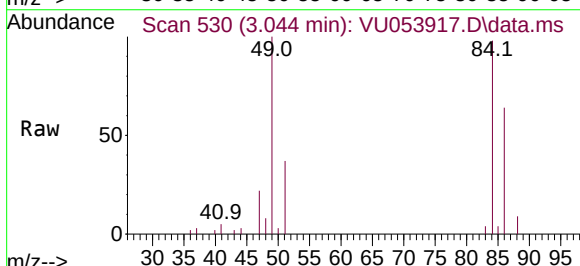
Tgt Ion: 84 Resp: 12322

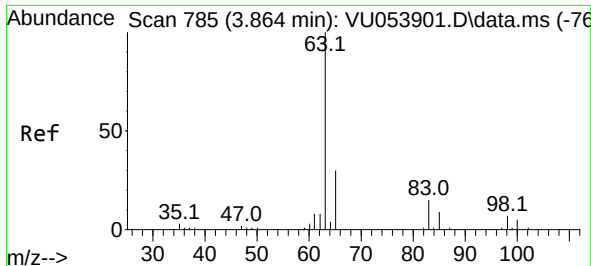
Ion Ratio Lower Upper

84 100

86 65.5 45.0 83.6

49 102.0 74.8 138.8





#19

1,1-Dichloroethane

Concen: 0.144 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

BHE60

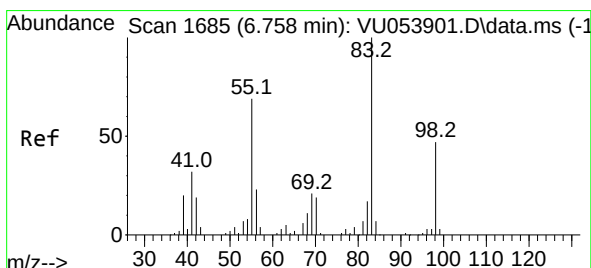
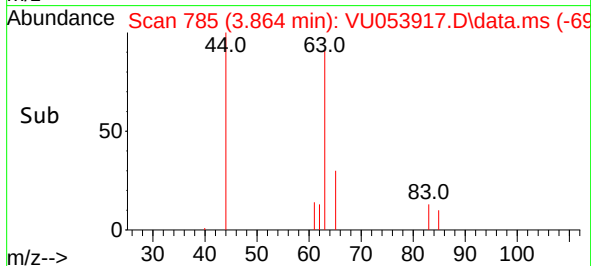
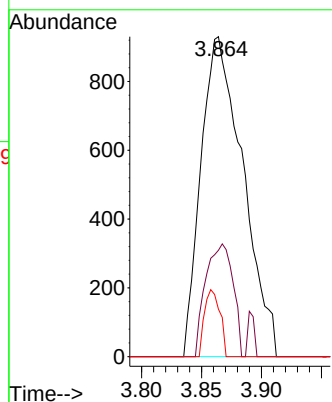
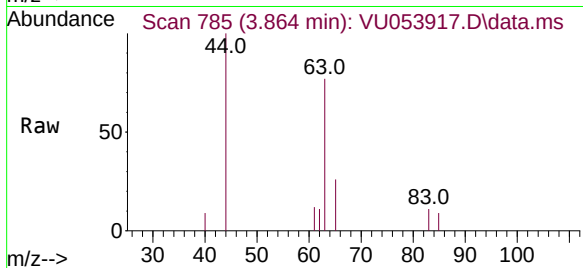
Tgt Ion: 63 Resp: 2258

Ion Ratio Lower Upper

63 100

65 33.2 22.0 40.8

83 14.8 10.3 19.1



#35

Methylcyclohexane

Concen: 0.625 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053917.D

Acq: 26 Apr 2023 16:30

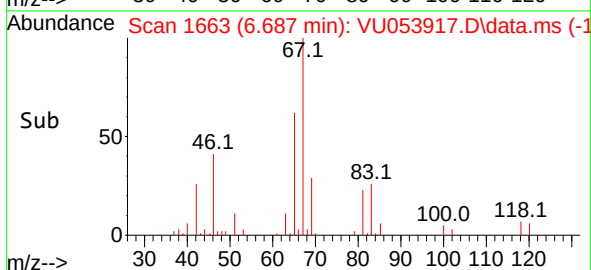
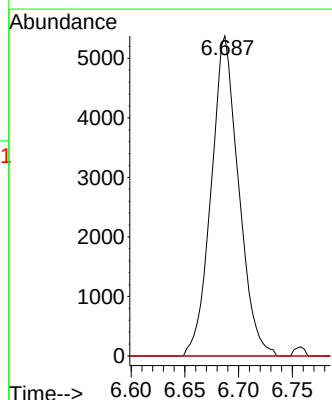
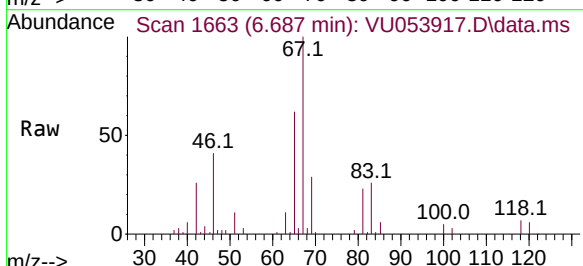
Tgt Ion: 83 Resp: 9545

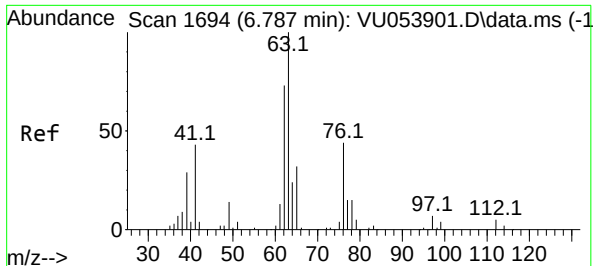
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.0 37.3 55.9#

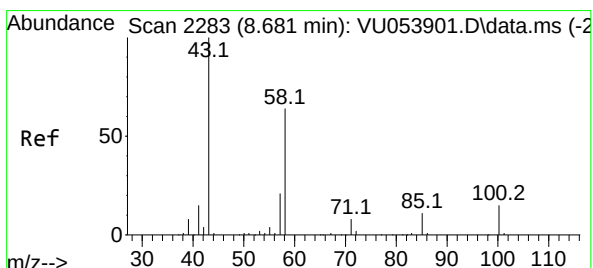
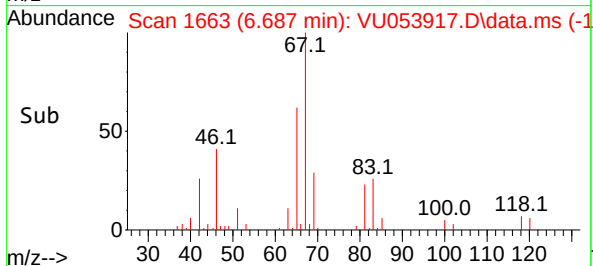
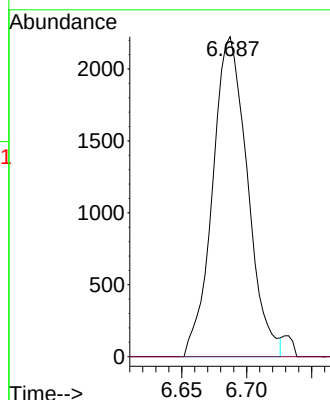
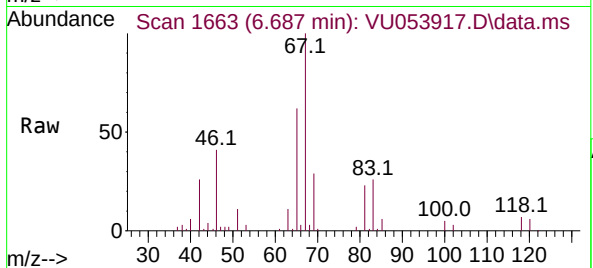




#37
1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053917.D
Acq: 26 Apr 2023 16:30

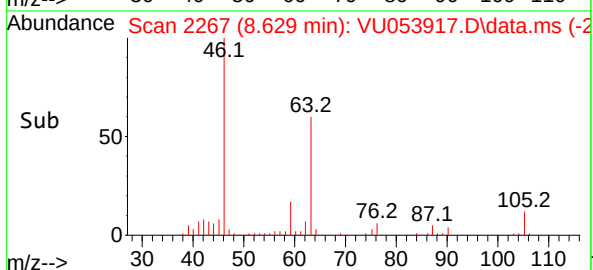
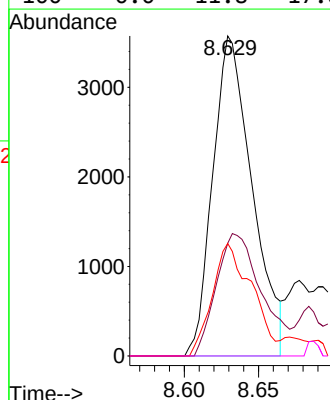
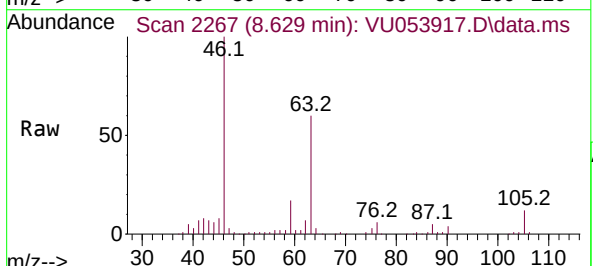
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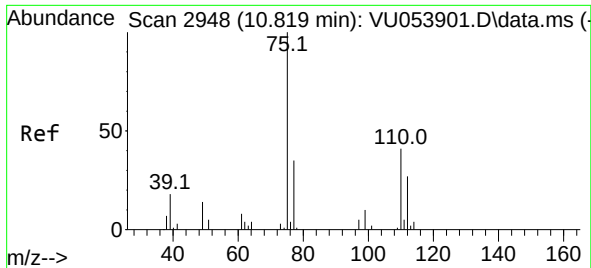
Tgt Ion: 63 Resp: 4156
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#48
2-Hexanone
Concen: 2.136 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.051 min
Lab File: VU053917.D
Acq: 26 Apr 2023 16:30

Tgt Ion: 43 Resp: 6593
Ion Ratio Lower Upper
43 100
58 44.2 49.8 74.6#
57 35.2 16.9 25.3#
100 0.0 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.500 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053917.D
 Acq: 26 Apr 2023 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE60

Tgt Ion: 75 Resp: 7154
 Ion Ratio Lower Upper
 75 100
 110 2.8 30.7 46.1#
 77 32.0 26.2 39.4

