

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056069.D
 Acq On : 02 Nov 2023 16:31
 Operator : MD/SY
 Sample : 05174-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

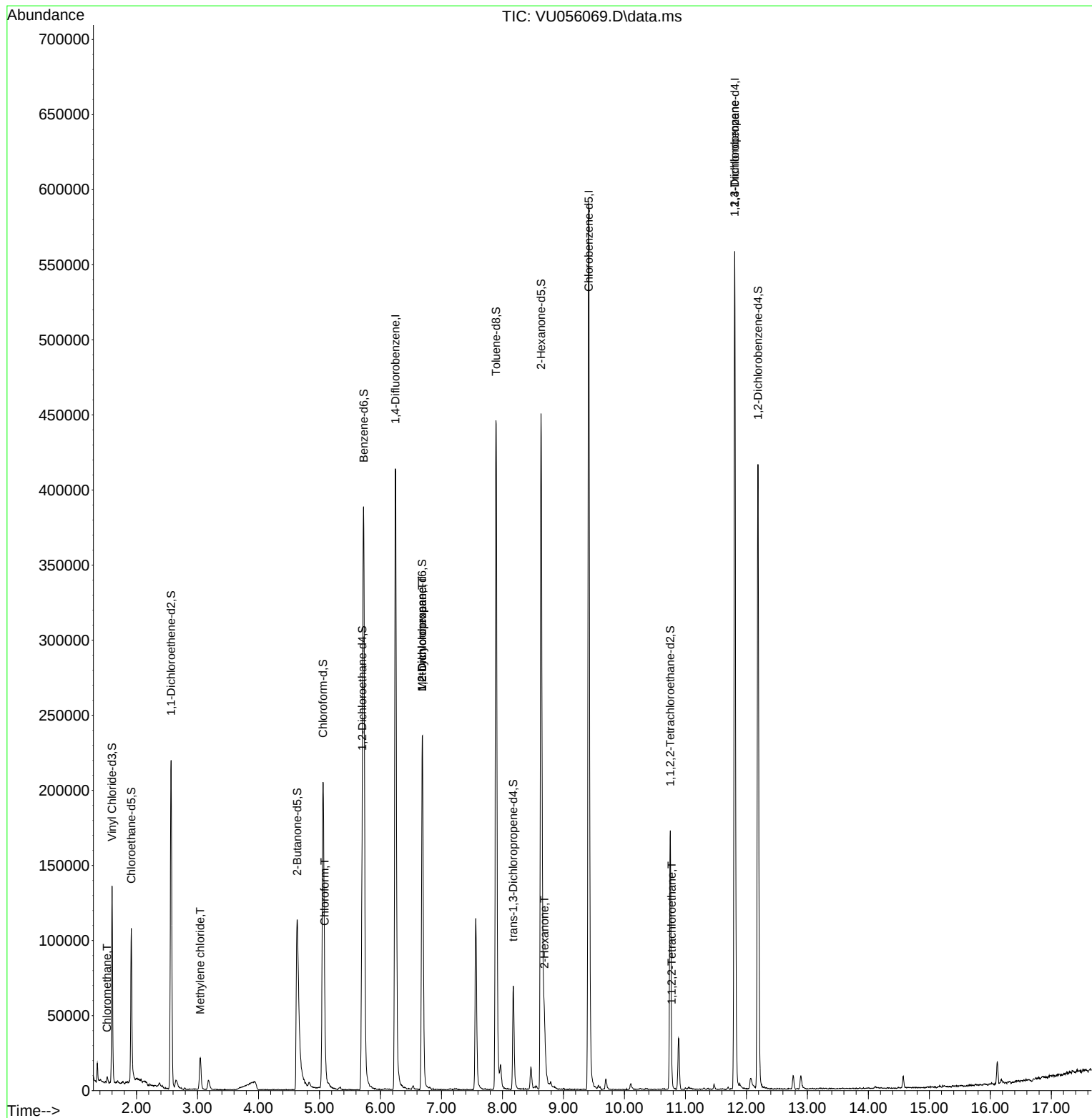
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	361021	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	359694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	160282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	98174	3.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.914	69	77275	3.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.567	65	42639	3.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.634	46	207004	40.630	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	5.058	84	196159	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.702	65	91684	3.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
32) Benzene-d6	5.724	84	390259	3.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.685	67	122824	3.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.894	98	331087	3.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.177	79	43531	3.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.634	63	163387	51.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90268	3.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	116211	3.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3260	0.166	ug/L	94
16) Methylene chloride	3.042	84	11267	0.568	ug/L	95
25) Chloroform	5.084	83	20801	0.551	ug/L	97
35) Methylcyclohexane	6.685	83	28354	0.946	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12433	0.590	ug/L #	89
48) 2-Hexanone	8.689	43	20410	2.555	ug/L #	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	2283	0.133	ug/L #	77
61) 1,2,3-Trichloropropane	11.807	75	18274	1.661	ug/L #	69

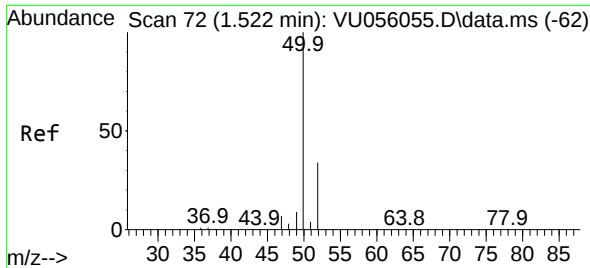
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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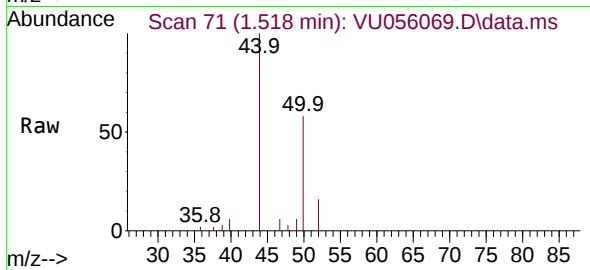
Quant Time: Nov 03 00:40:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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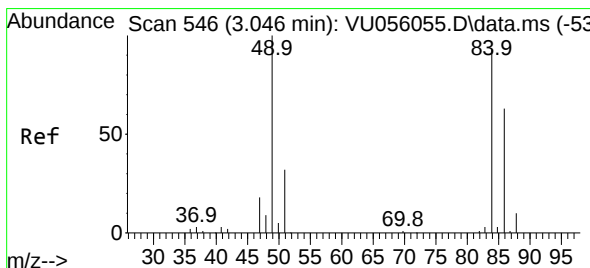
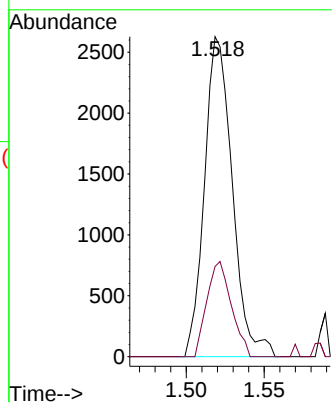
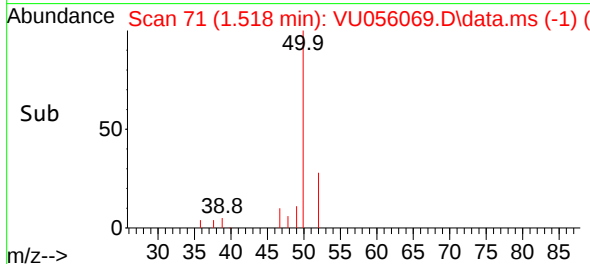


#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056069.D
Acq: 02 Nov 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :

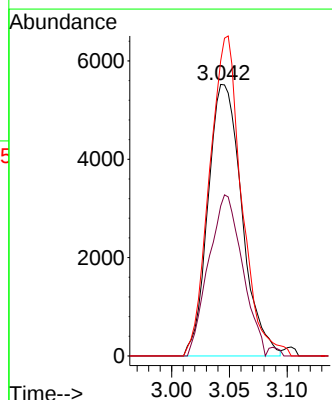
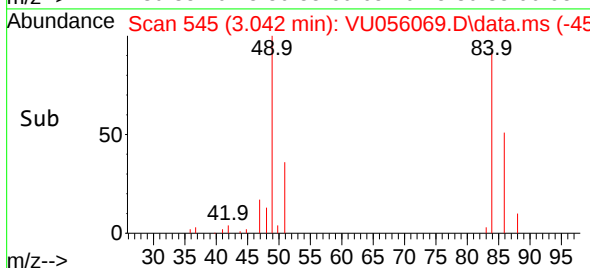
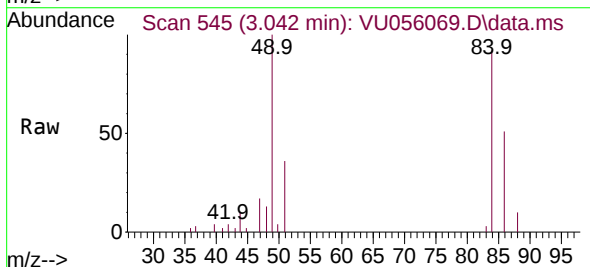


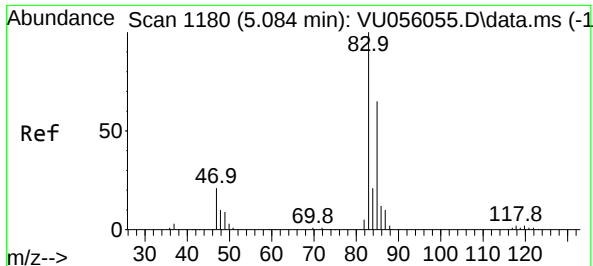
Tgt Ion: 50 Resp: 3260
Ion Ratio Lower Upper
50 100
52 28.2 22.0 40.8



#16
Methylene chloride
Concen: 0.568 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU056069.D
Acq: 02 Nov 2023 16:31

Tgt Ion: 84 Resp: 11267
Ion Ratio Lower Upper
84 100
86 55.2 45.2 84.0
49 113.3 78.8 146.3





#25

Chloroform

Concen: 0.551 ug/L

RT: 5.084 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

Instrument :

MSVOA_U

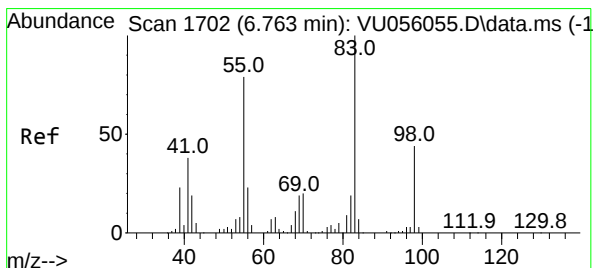
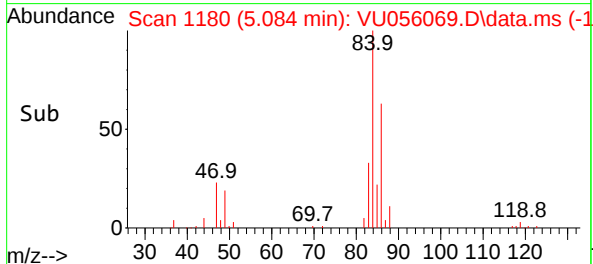
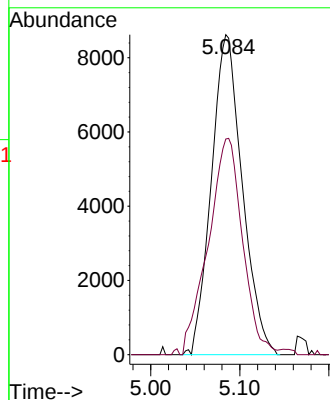
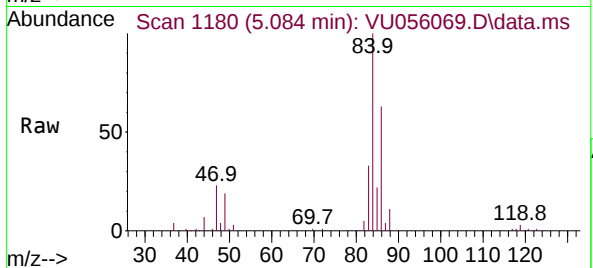
ClientSampleId :

Tgt Ion: 83 Resp: 20801

Ion Ratio Lower Upper

83 100

85 67.4 45.6 84.8



#35

Methylcyclohexane

Concen: 0.946 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

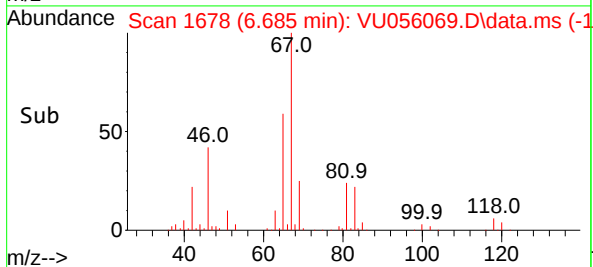
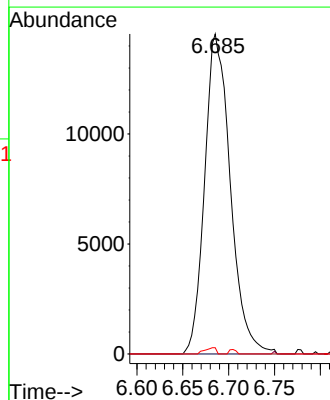
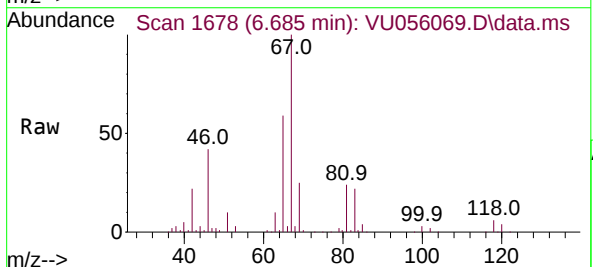
Tgt Ion: 83 Resp: 28354

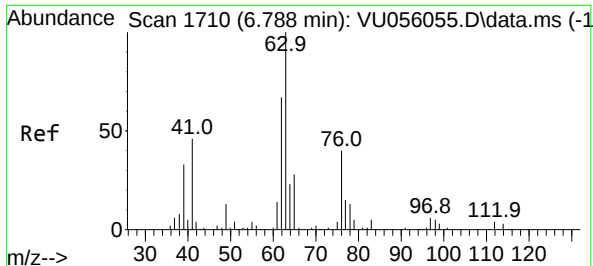
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 0.9 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

Instrument :

MSVOA_U

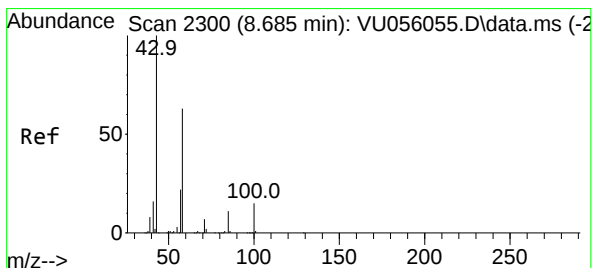
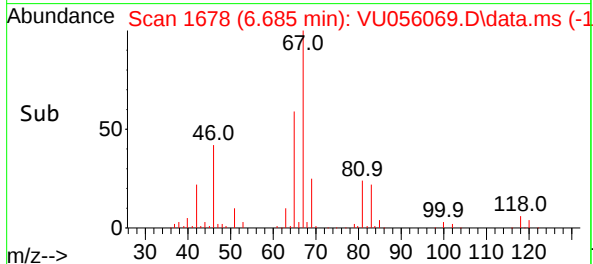
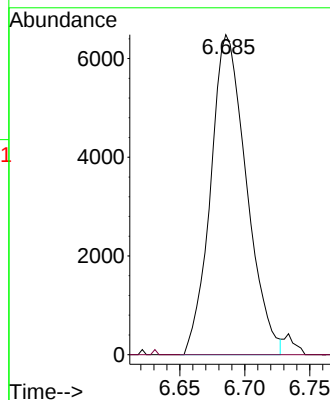
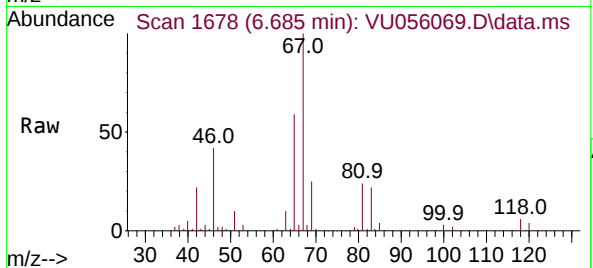
ClientSampleId :

Tgt Ion: 63 Resp: 12433

Ion Ratio Lower Upper

63 100

112 0.2 3.1 4.7#



#48

2-Hexanone

Concen: 2.555 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

Tgt Ion: 43 Resp: 20410

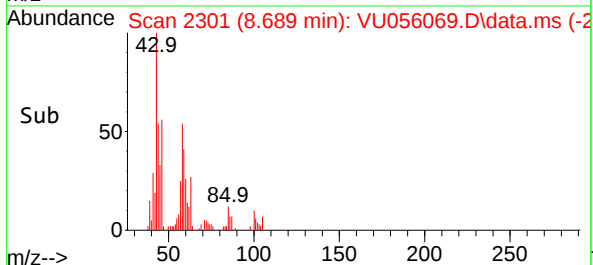
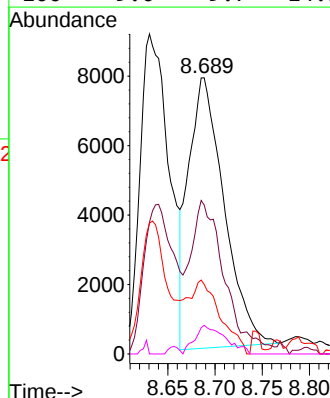
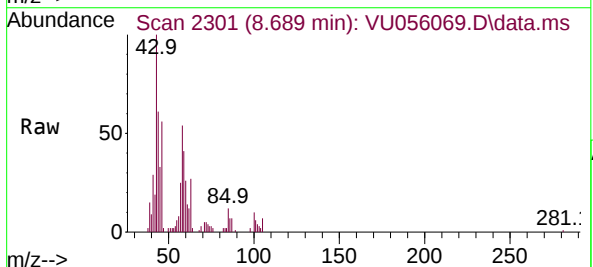
Ion Ratio Lower Upper

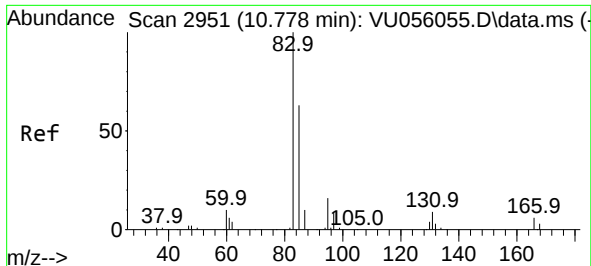
43 100

58 54.1 49.5 74.3

57 19.5 16.9 25.3

100 9.0 9.7 14.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.133 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

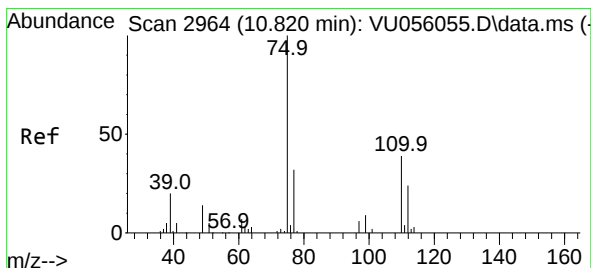
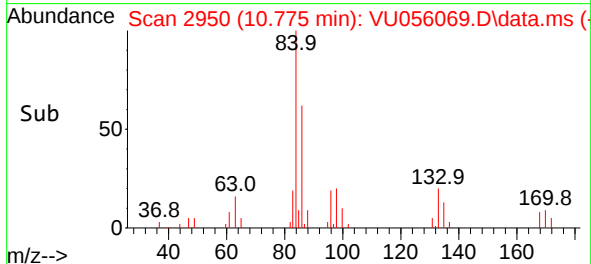
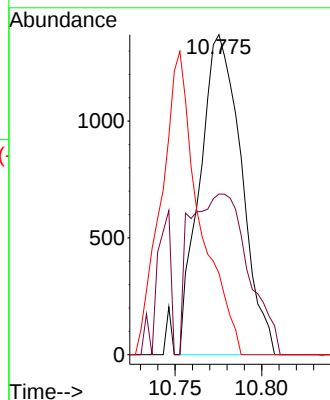
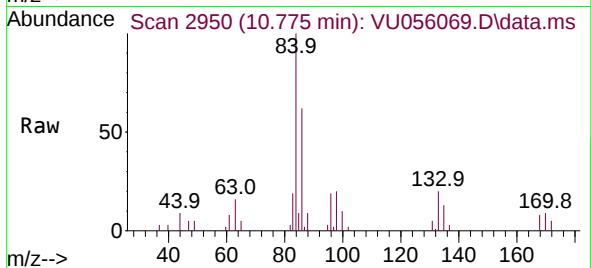
Tgt Ion: 83 Resp: 2283

Ion Ratio Lower Upper

83 100

85 50.2 46.2 85.8

131 25.5 7.2 10.8#



#61

1,2,3-Trichloropropane

Concen: 1.661 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056069.D

Acq: 02 Nov 2023 16:31

Tgt Ion: 75 Resp: 18274

Ion Ratio Lower Upper

75 100

110 2.7 29.0 43.6#

77 31.0 24.5 36.7

