

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056390.D
 Acq On : 16 Nov 2023 06:11
 Operator : MD/SY
 Sample : 05411-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 06:56:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

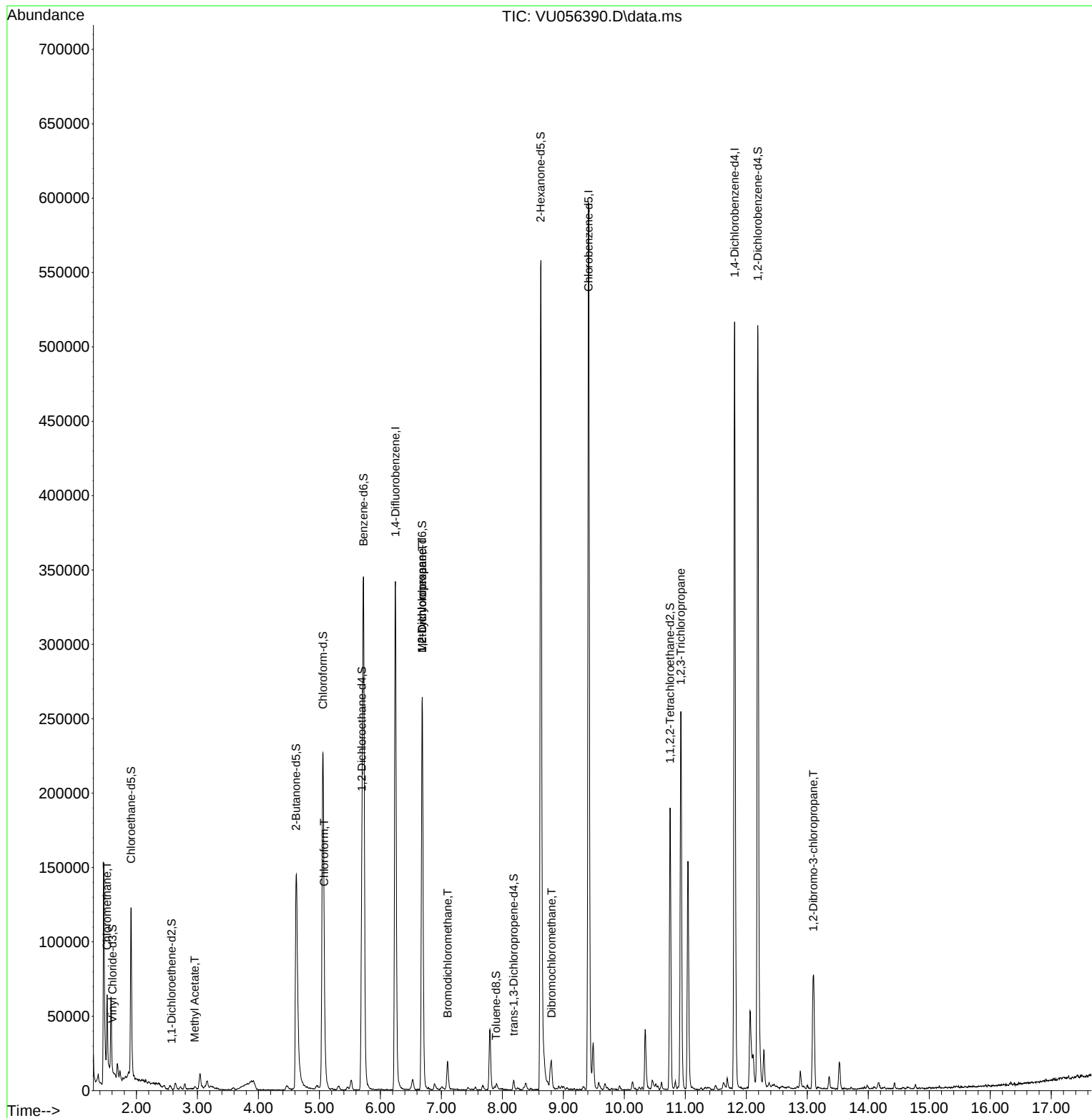
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	341634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.605	65	465	0.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.911	69	82914	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.576	65	71	0.008	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.200%#
20) 2-Butanone-d5	4.618	46	233137	55.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.420%
24) Chloroform-d	5.058	84	214431	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	105581	5.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.724	84	331265	3.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.000%#
36) 1,2-Dichloropropane-d6	6.685	67	128414	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.898	98	1744	0.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	8.184	79	316	0.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.600%#
46) 2-Hexanone-d5	8.627	63	195005	42.176	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93469	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	132201	5.256	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	35793	1.576	ug/L	97
15) Methyl Acetate	2.956	43	1599	0.252	ug/L #	57
25) Chloroform	5.078	83	23205	0.612	ug/L	99
35) Methylcyclohexane	6.685	83	29653	0.773	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14733	0.580	ug/L #	89
38) Bromodichloromethane	7.103	83	10935	0.333	ug/L	99
49) Dibromochloromethane	8.804	129	5480	0.285	ug/L	98
61) 1,2,3-Trichloropropane	10.923	75	3097	0.265	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	13.097	75	3480	1.395	ug/L #	4

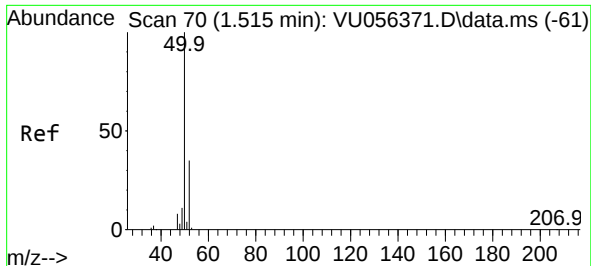
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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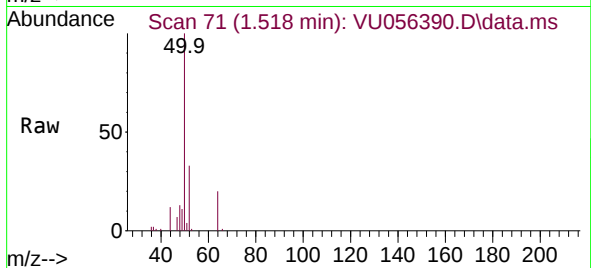
Quant Time: Nov 16 06:56:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
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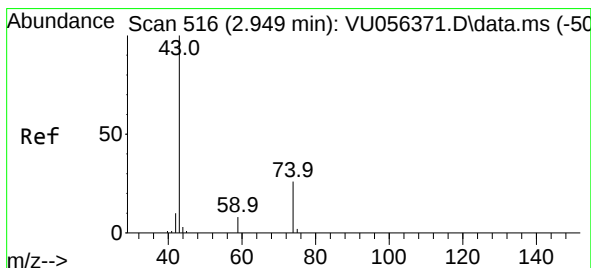
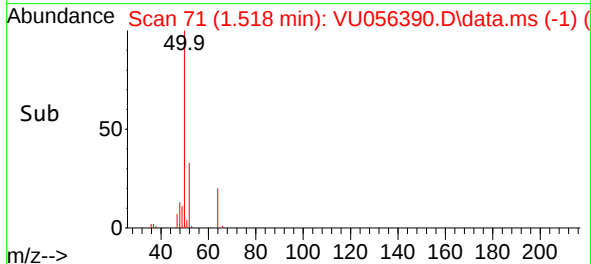
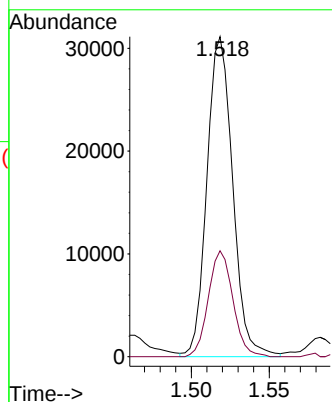


#3
Chloromethane
Concen: 1.576 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056390.D
Acq: 16 Nov 2023 06:11

Instrument :
MSVOA_U
ClientSampleId :

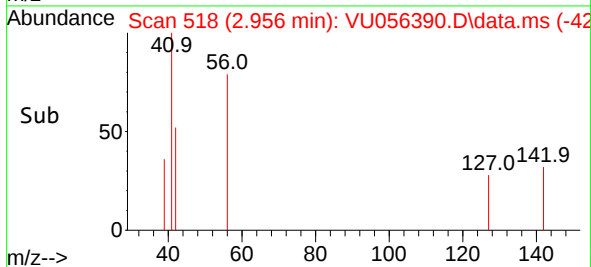
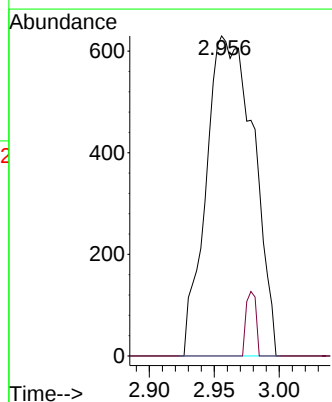
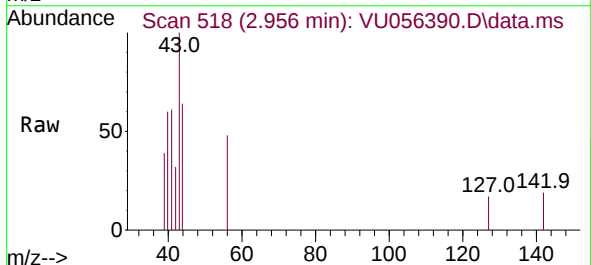


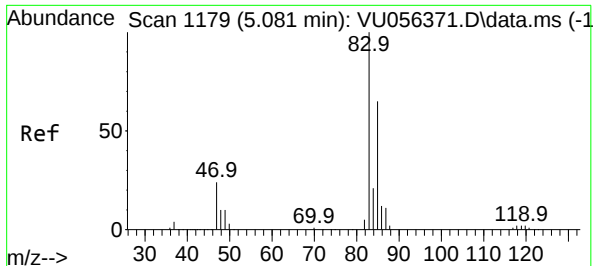
Tgt Ion: 50 Resp: 35793
Ion Ratio Lower Upper
50 100
52 33.1 24.3 45.1



#15
Methyl Acetate
Concen: 0.252 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU056390.D
Acq: 16 Nov 2023 06:11

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
74 4.2 20.6 31.0#





#25

Chloroform

Concen: 0.612 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

Instrument :

MSVOA_U

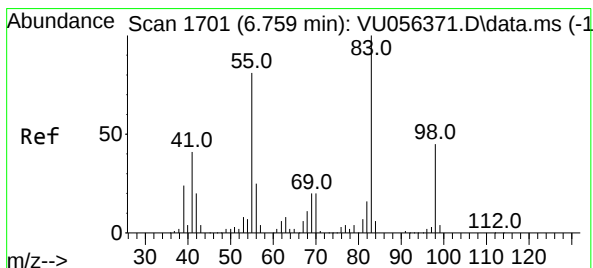
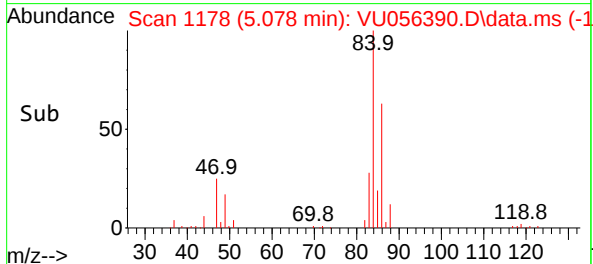
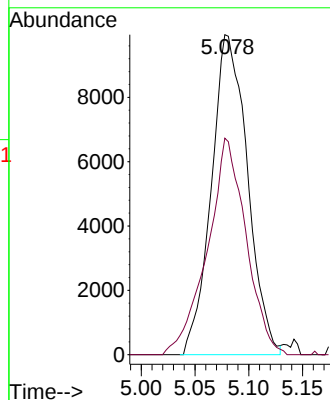
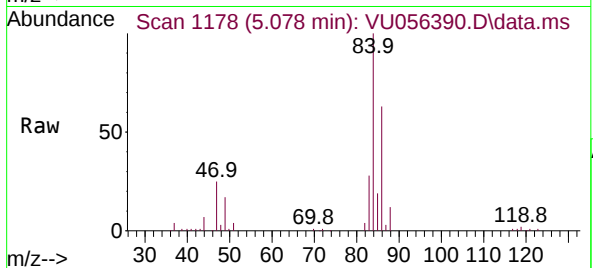
ClientSampleId :

Tgt Ion: 83 Resp: 23205

Ion Ratio Lower Upper

83 100

85 67.6 47.0 87.2



#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

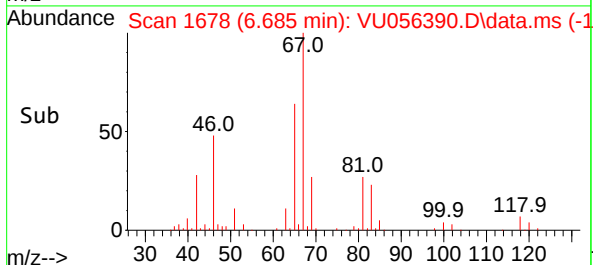
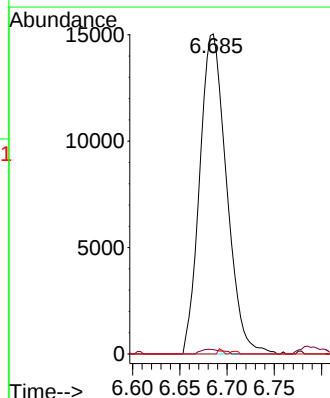
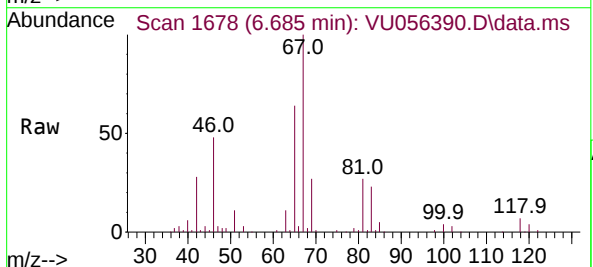
Tgt Ion: 83 Resp: 29653

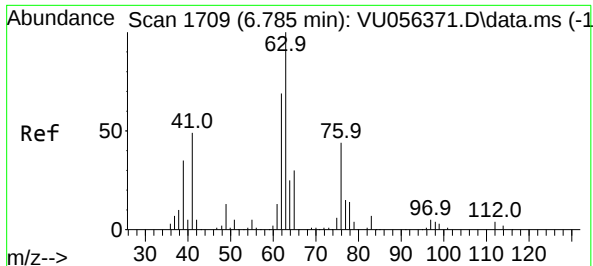
Ion Ratio Lower Upper

83 100

55 1.1 62.9 94.3#

98 0.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

Instrument :

MSVOA_U

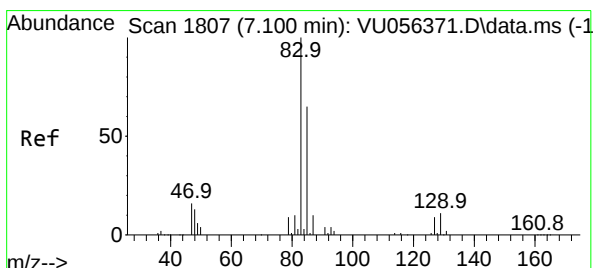
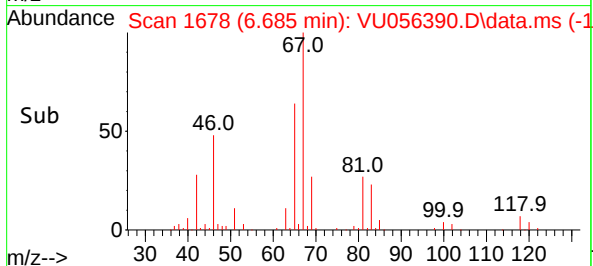
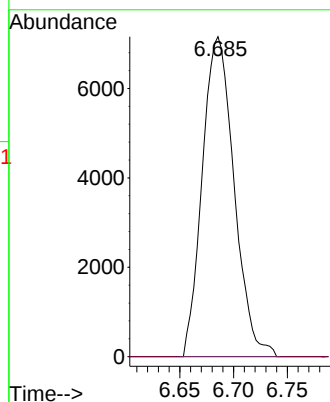
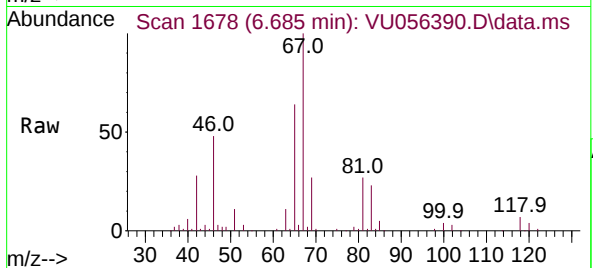
ClientSampleId :

Tgt Ion: 63 Resp: 14733

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.333 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

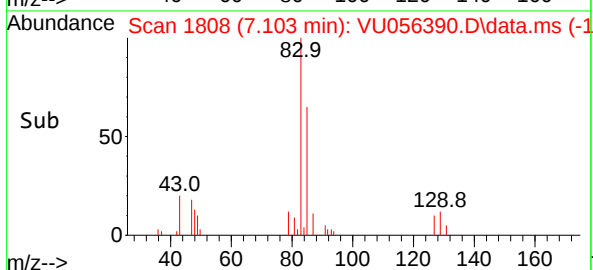
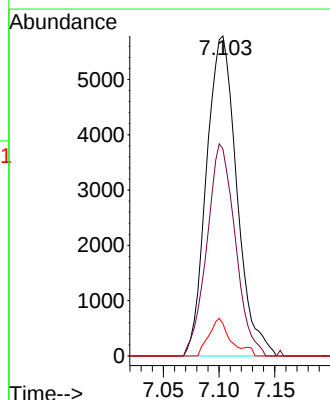
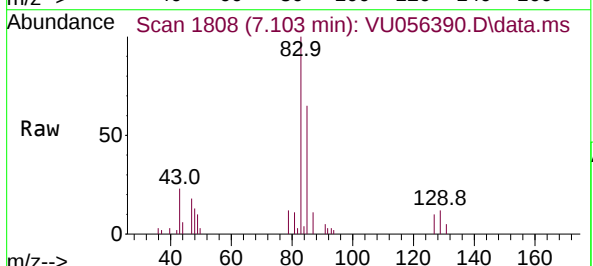
Tgt Ion: 83 Resp: 10935

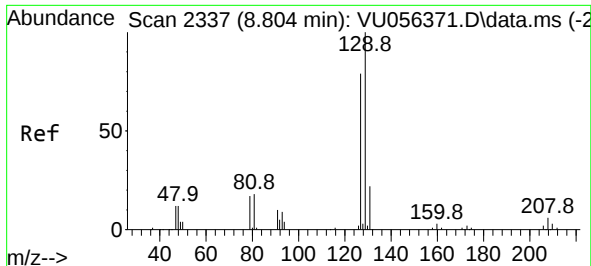
Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.5

127 10.1 6.9 10.3





#49

Dibromochloromethane

Concen: 0.285 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

Instrument :

MSVOA_U

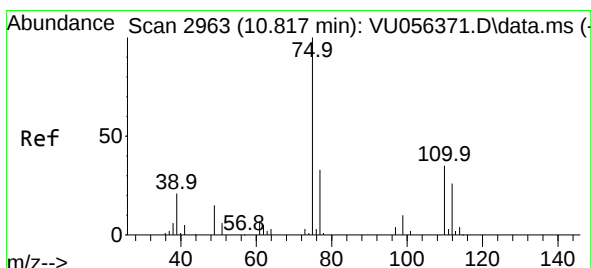
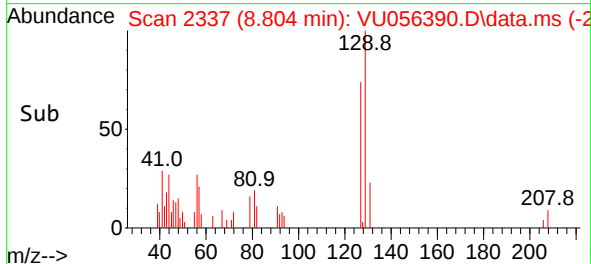
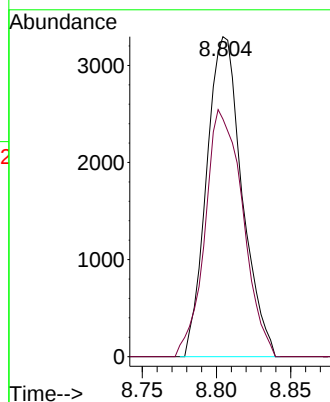
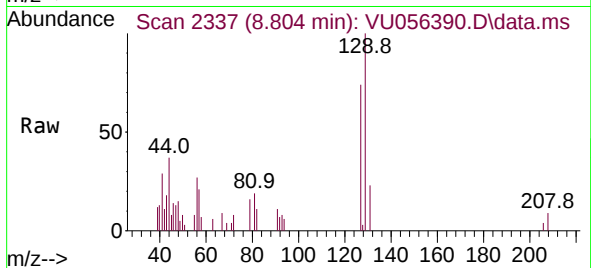
ClientSampleId :

Tgt Ion:129 Resp: 5480

Ion Ratio Lower Upper

129 100

127 74.3 52.9 98.3



#61

1,2,3-Trichloropropane

Concen: 0.265 ug/L

RT: 10.923 min Scan# 2996

Delta R.T. 0.106 min

Lab File: VU056390.D

Acq: 16 Nov 2023 06:11

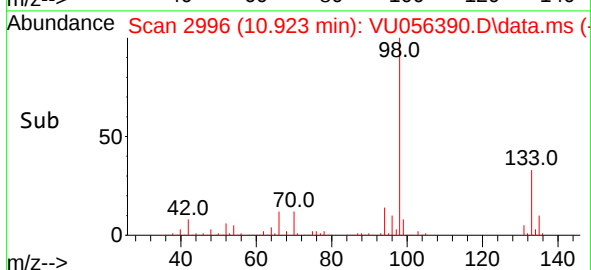
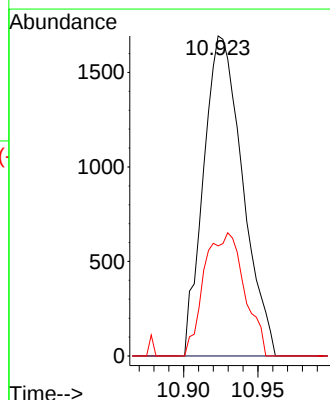
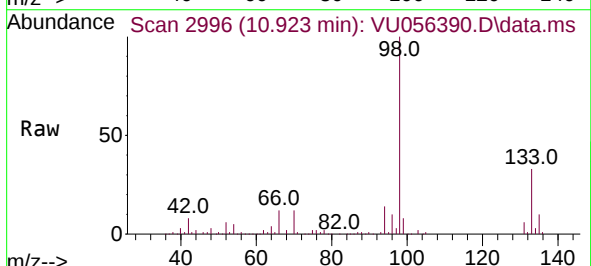
Tgt Ion: 75 Resp: 3097

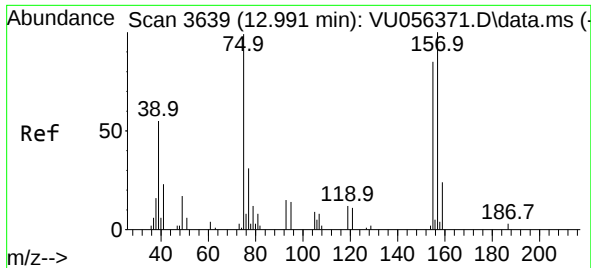
Ion Ratio Lower Upper

75 100

110 0.0 30.4 45.6#

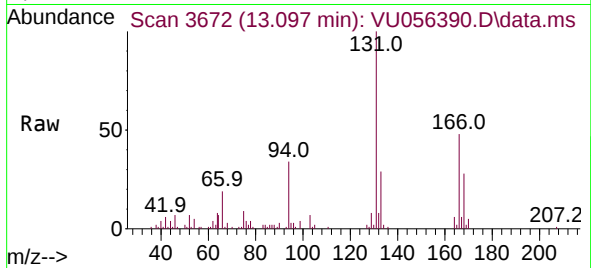
77 39.6 27.0 40.6





#68
1,2-Dibromo-3-chloropropane
Concen: 1.395 ug/L
RT: 13.097 min Scan# 3672
Delta R.T. 0.106 min
Lab File: VU056390.D
Acq: 16 Nov 2023 06:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	62.4	93.6#
157	0.0	80.2	120.2#

