

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057037.D
 Acq On : 19 Dec 2023 12:20
 Operator : MD/SY
 Sample : 05830-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:56:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

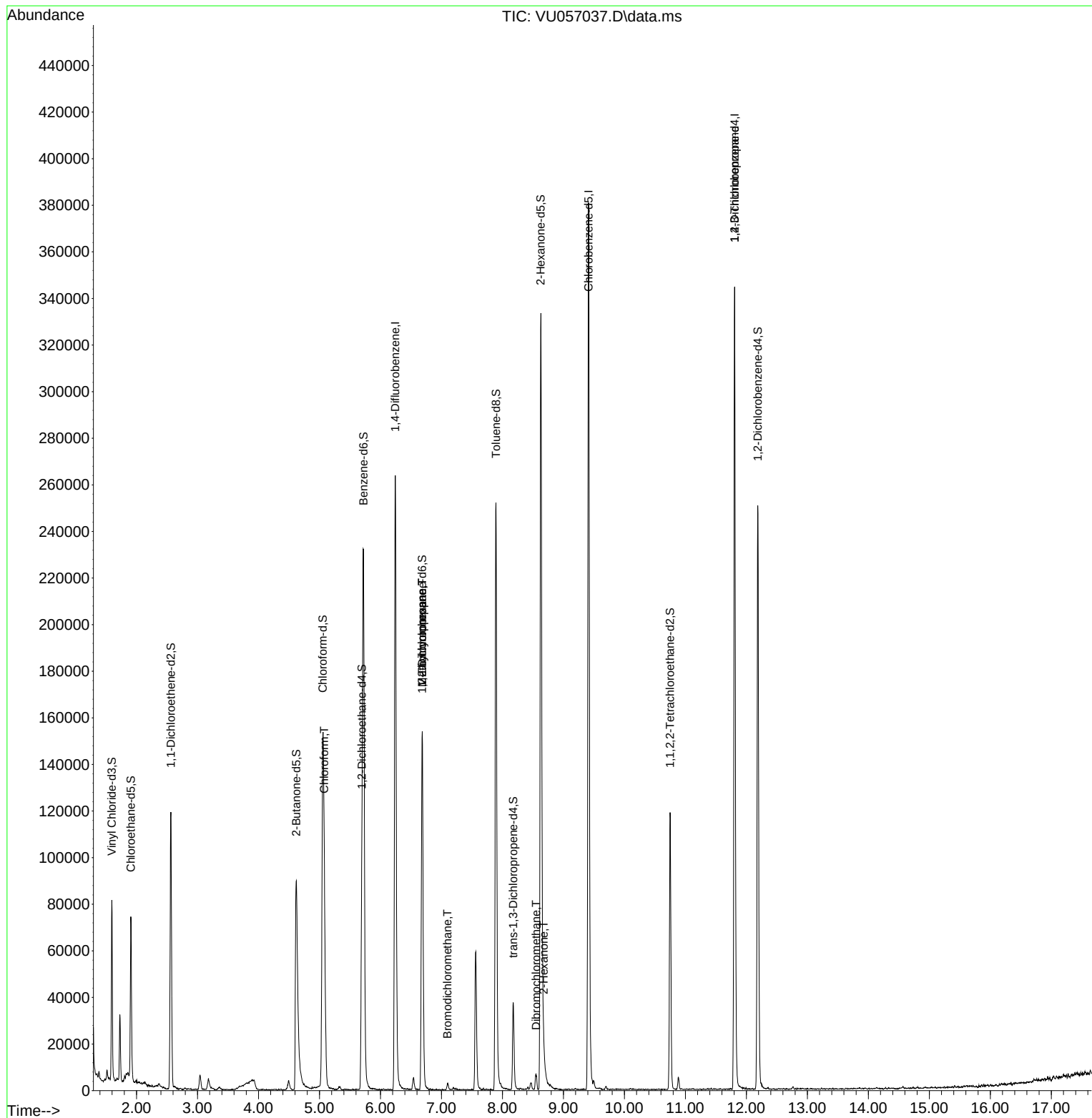
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55136	3.032	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.907	69	51319	3.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.563	65	23049	2.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	4.621	46	146825	40.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.780%
24) Chloroform-d	5.055	84	132902	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	64971	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.721	84	223048	3.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.600%#
36) 1,2-Dichloropropane-d6	6.685	67	76501	3.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.894	98	178142	2.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.600%#
43) trans-1,3-Dichloroprop...	8.177	79	23750	2.876	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.600%
46) 2-Hexanone-d5	8.627	63	109056	35.020	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59318	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	67937	3.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.000%#
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	60724	1.726	ug/L	100
35) Methylcyclohexane	6.685	83	18420	0.590	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8763	0.444	ug/L #	88
38) Bromodichloromethane	7.100	83	2355	0.094	ug/L #	77
48) 2-Hexanone	8.679	43	4204	0.630	ug/L #	62
49) Dibromochloromethane	8.553	129	1801	0.118	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11999	1.246	ug/L #	67

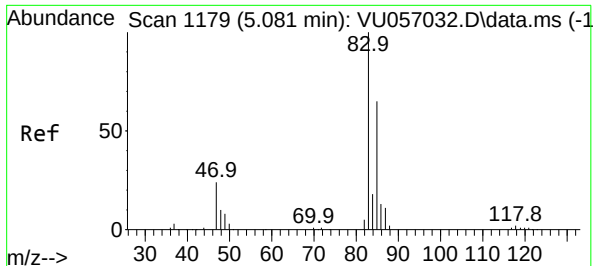
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.726 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU057037.D

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Instrument :

MSVOA_U

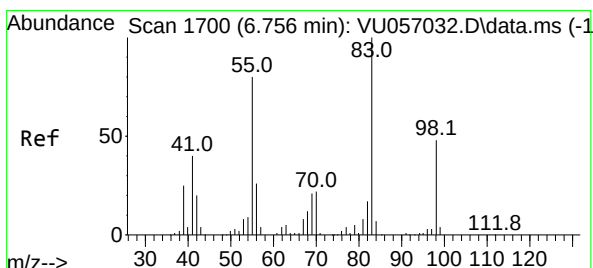
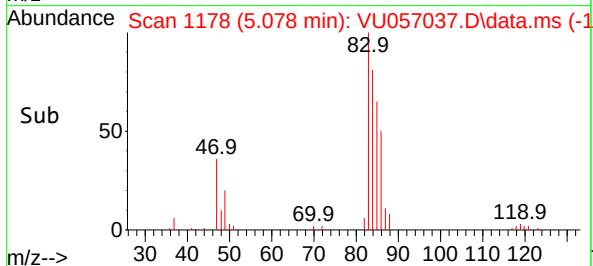
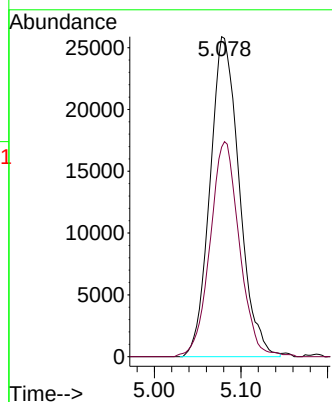
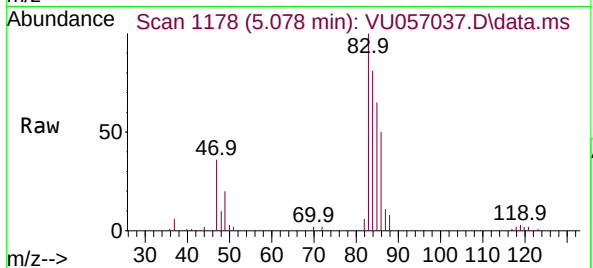
ClientSampleId :

Tgt Ion: 83 Resp: 60724

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.0



#35

Methylcyclohexane

Concen: 0.590 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057037.D

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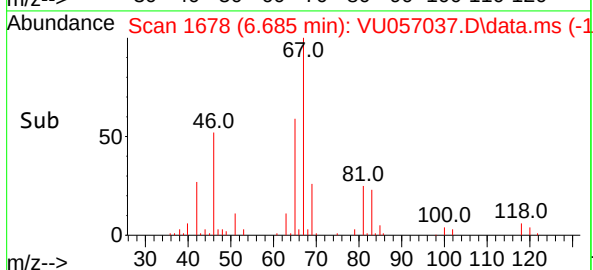
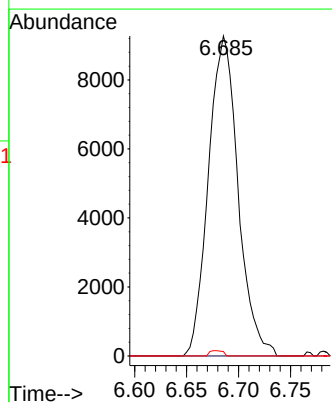
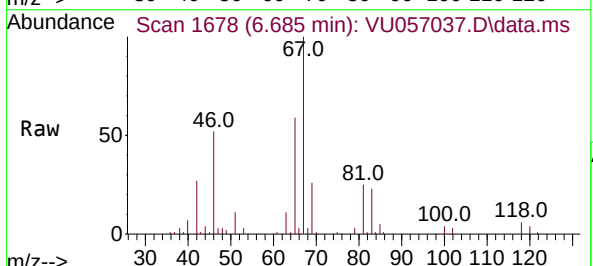
Tgt Ion: 83 Resp: 18420

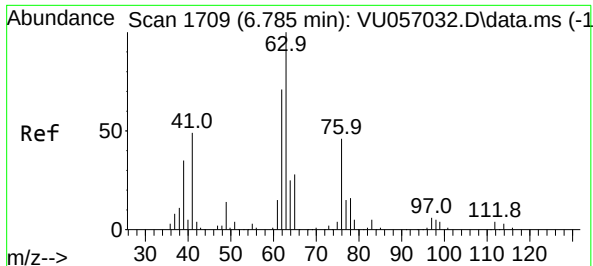
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.7 36.1 54.1#

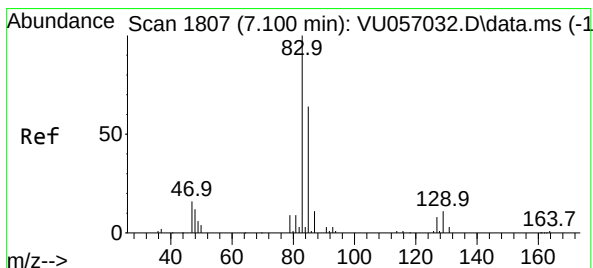
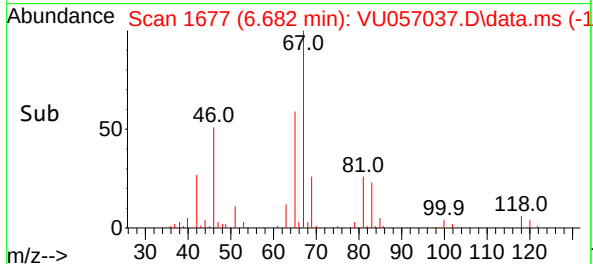
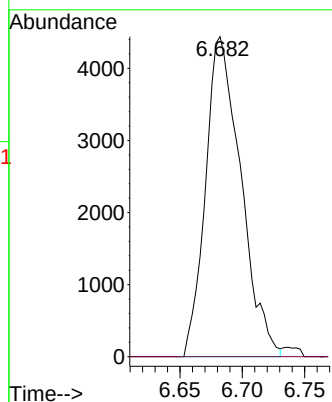
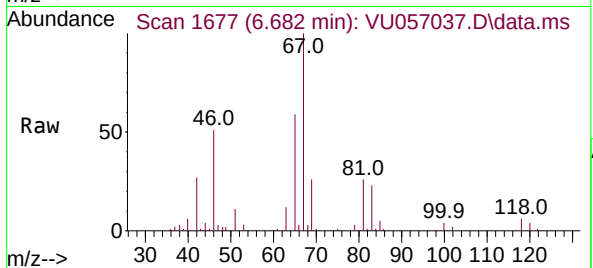




#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057037.D
Acq: 19 Dec 2023 12:20

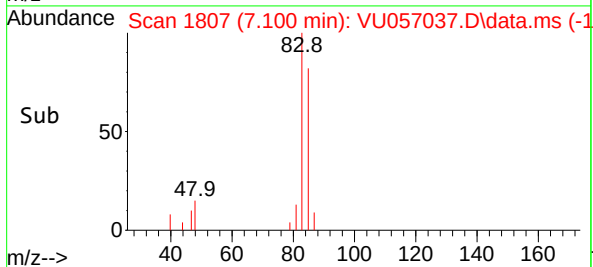
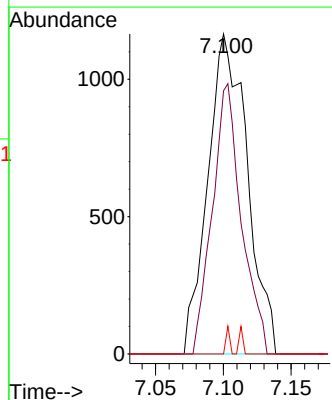
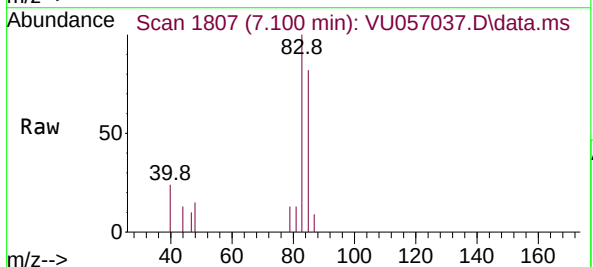
Instrument :
MSVOA_U
ClientSampleId :

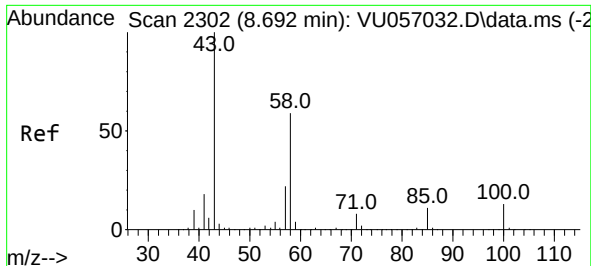
Tgt Ion: 63 Resp: 8763
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.094 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057037.D
Acq: 19 Dec 2023 12:20

Tgt Ion: 83 Resp: 2355
Ion Ratio Lower Upper
83 100
85 82.2 45.0 83.6
127 0.0 7.0 10.4#

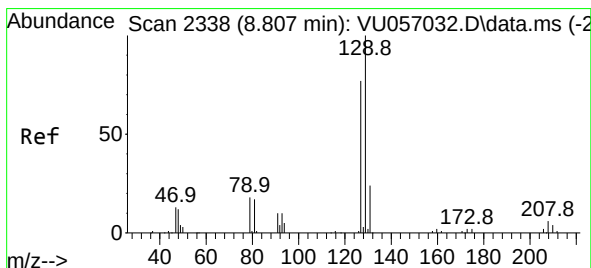
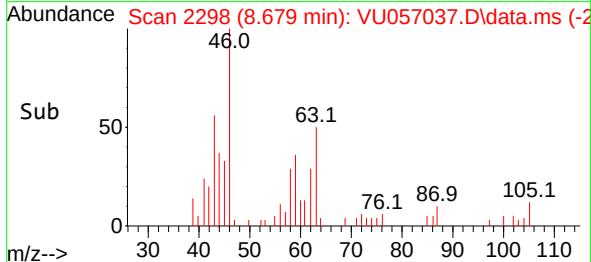
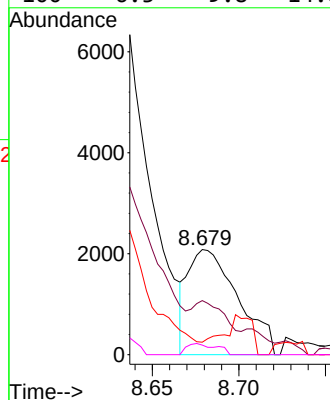
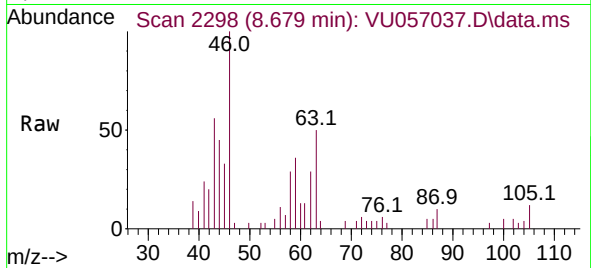




#48
2-Hexanone
Concen: 0.630 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU057037.D
Acq: 19 Dec 2023 12:20

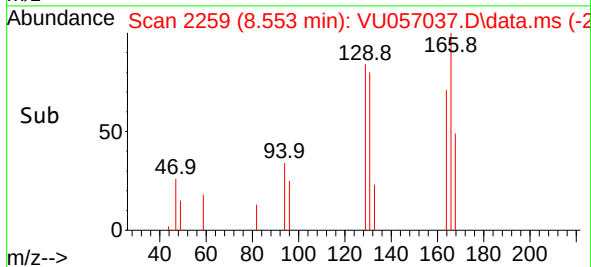
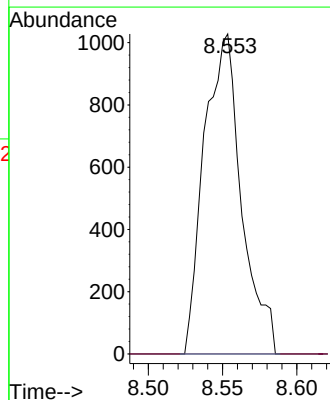
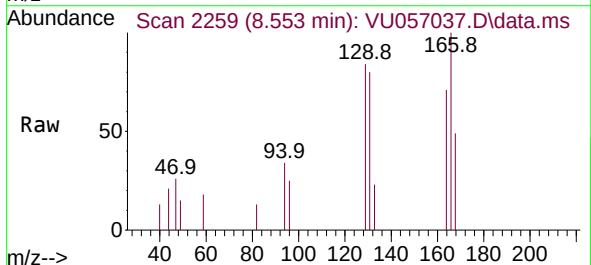
Instrument :
MSVOA_U
ClientSampleId :

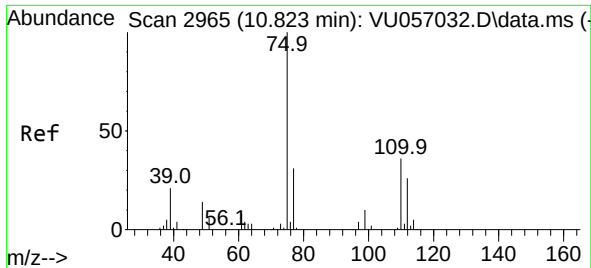
Tgt Ion: 43 Resp: 4204
Ion Ratio Lower Upper
43 100
58 17.2 47.5 71.3#
57 21.8 17.0 25.4
100 6.3 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.118 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU057037.D
Acq: 19 Dec 2023 12:20

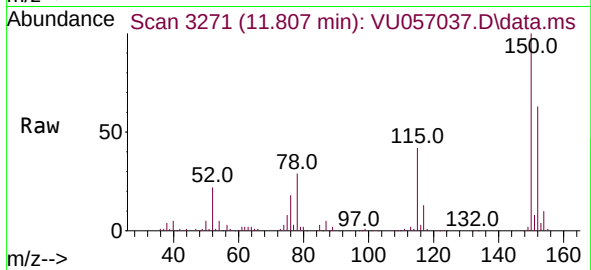
Tgt Ion: 129 Resp: 1801
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.246 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU057037.D
Acq: 19 Dec 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11999
Ion Ratio Lower Upper
75 100
110 1.3 28.4 42.6#
77 35.6 26.3 39.5

