

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056283.D
 Acq On : 14 Nov 2023 04:58
 Operator : MD/SY
 Sample : 05372-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

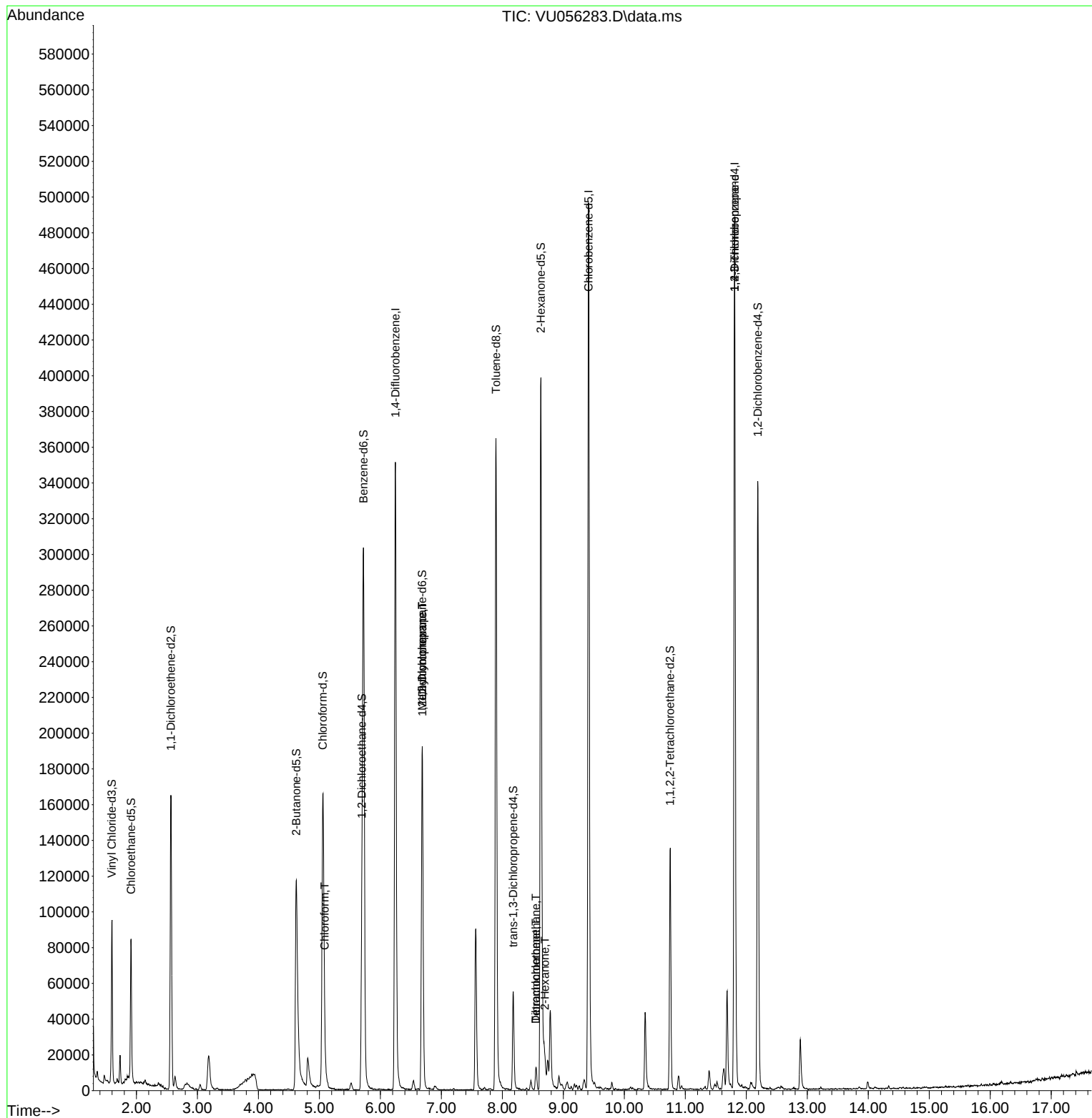
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	288774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	289535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63459	2.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	60391	3.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.563	65	33390	3.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.621	46	168723	39.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.340%
24) Chloroform-d	5.055	84	153817	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
26) 1,2-Dichloroethane-d4	5.695	65	73602	3.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.721	84	297135	3.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	6.685	67	94754	3.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	253069	3.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	33619	3.372	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.631	63	136137	34.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68232	3.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	88874	3.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.400%#
Target Compounds						
25) Chloroform	5.084	83	16131	0.413	ug/L	96
35) Methylcyclohexane	6.682	83	20938	0.644	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	10601	0.492	ug/L #	89
47) Tetrachloroethene	8.550	164	2698	0.178	ug/L	84
48) 2-Hexanone	8.695	43	8287	0.996	ug/L #	51
49) Dibromochloromethane	8.547	129	2376	0.146	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16479	1.463	ug/L #	67

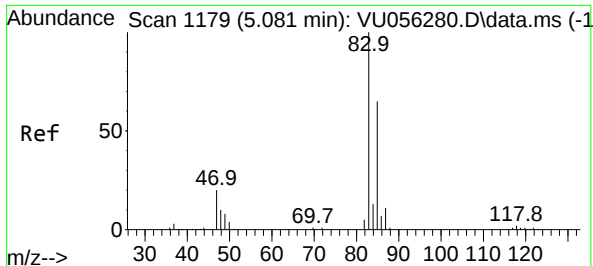
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.413 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU056283.D

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Instrument :

MSVOA_U

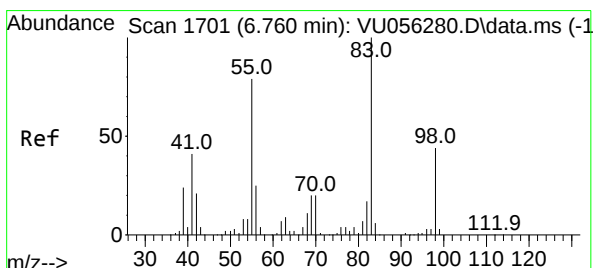
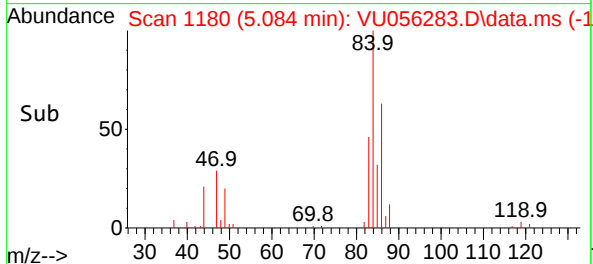
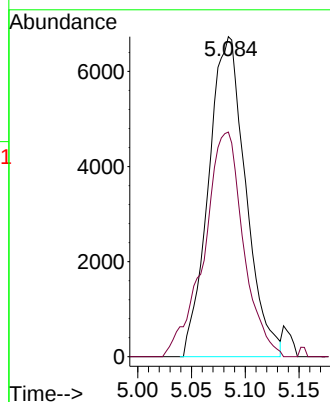
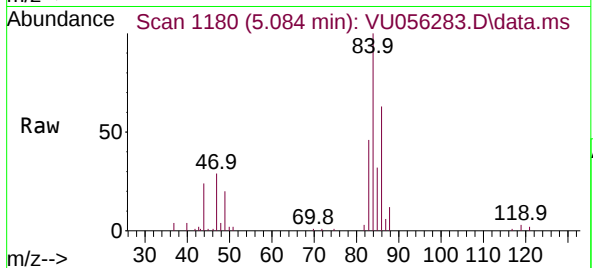
ClientSampleId :

Tgt Ion: 83 Resp: 16131

Ion Ratio Lower Upper

83 100

85 70.2 47.0 87.2



#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056283.D

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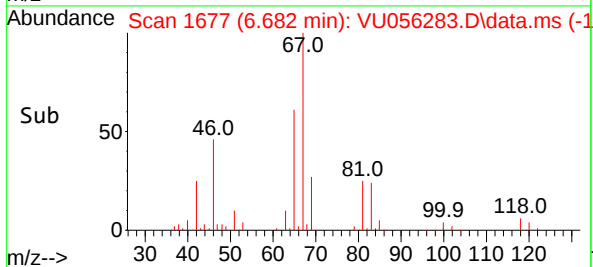
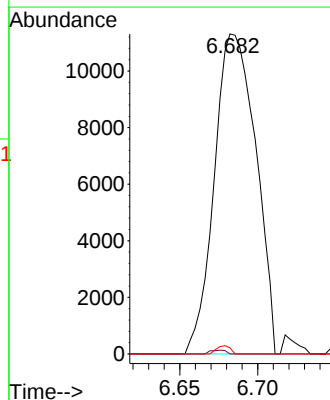
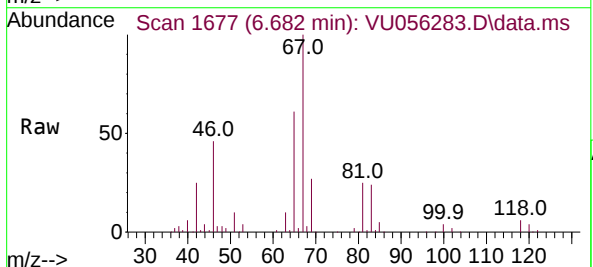
Tgt Ion: 83 Resp: 20938

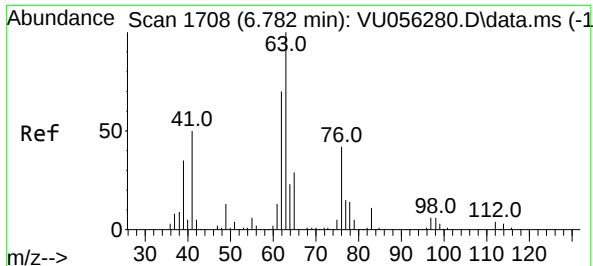
Ion Ratio Lower Upper

83 100

55 0.4 62.9 94.3#

98 0.9 35.3 52.9#

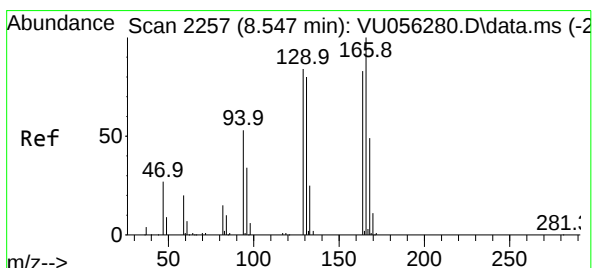
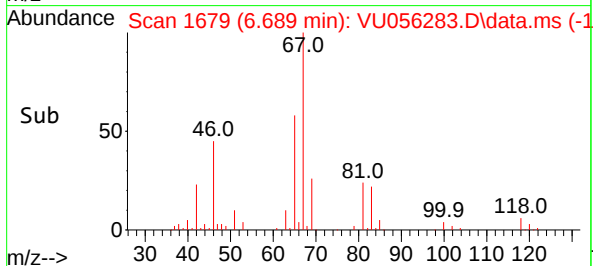
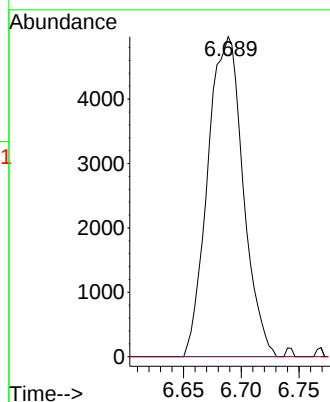
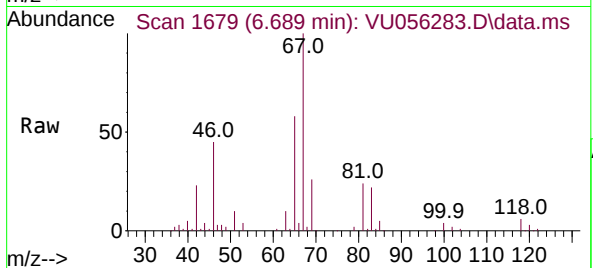




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.093 min
Lab File: VU056283.D
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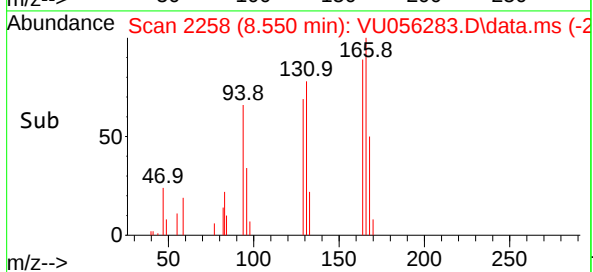
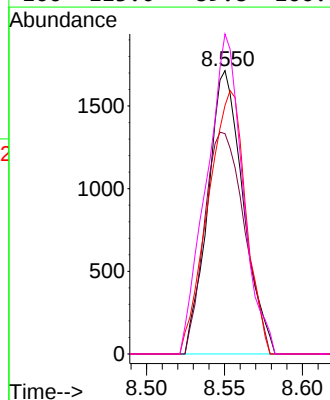
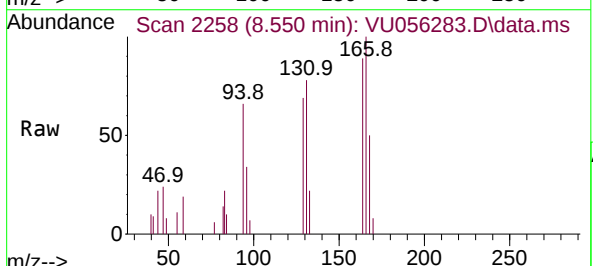
Instrument :
MSVOA_U
ClientSampleId :

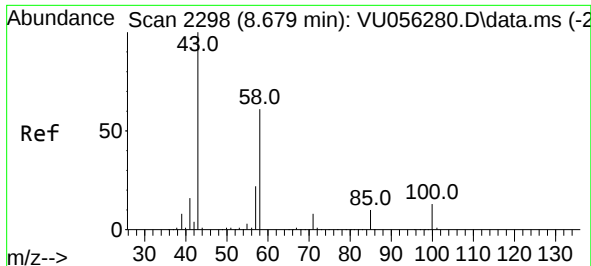
Tgt Ion: 63 Resp: 10601
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.178 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056283.D
Acq: 14 Nov 2023 04:58

Tgt Ion:164 Resp: 2698
Ion Ratio Lower Upper
164 100
129 77.8 71.0 131.9
131 87.7 70.3 130.7
166 113.0 89.8 166.8

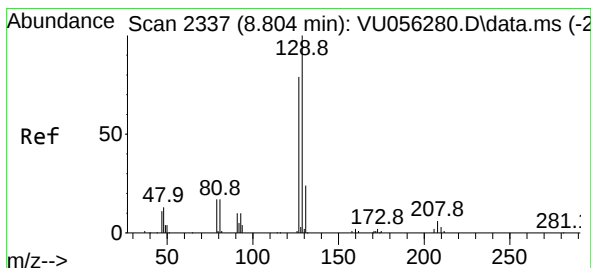
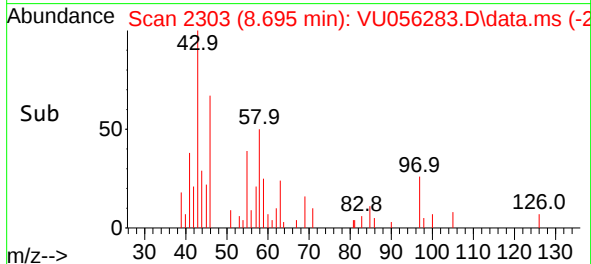
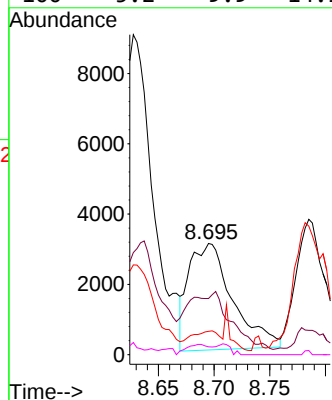
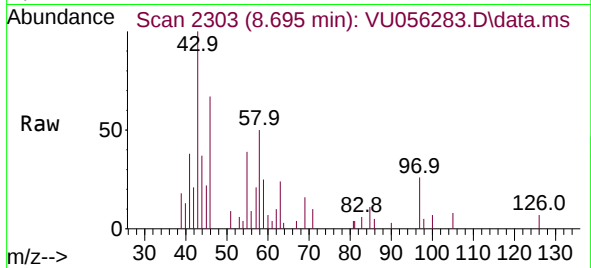




#48
2-Hexanone
Concen: 0.996 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU056283.D
Acq: 14 Nov 2023 04:58

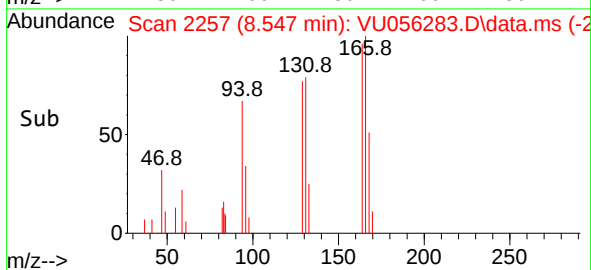
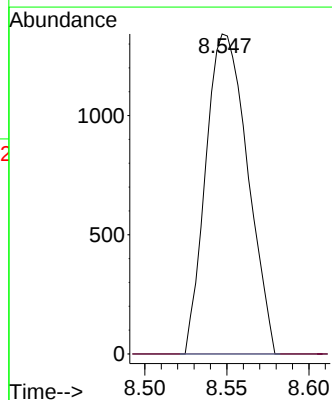
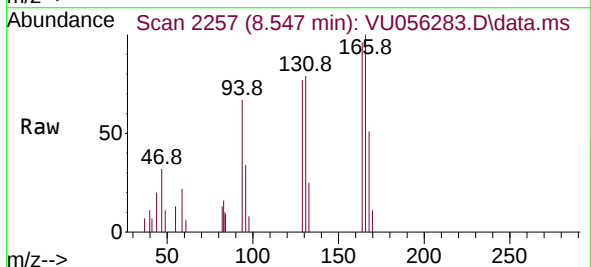
Instrument :
MSVOA_U
ClientSampleId :

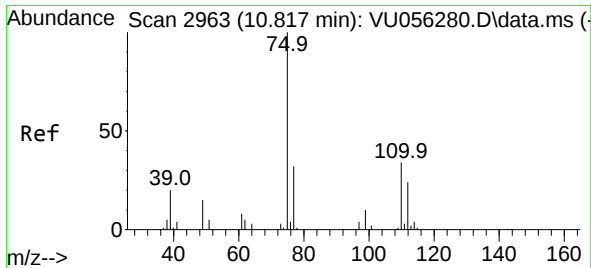
Tgt Ion: 43 Resp: 8287
Ion Ratio Lower Upper
43 100
58 9.7 48.7 73.1#
57 14.7 16.8 25.2#
100 5.2 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.146 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056283.D
Acq: 14 Nov 2023 04:58

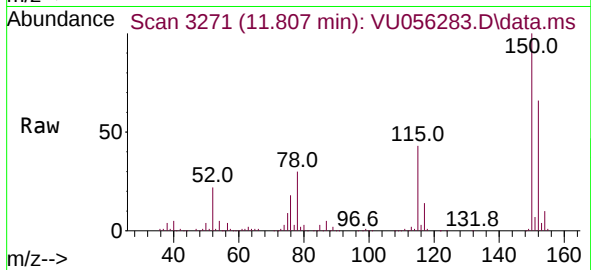
Tgt Ion: 129 Resp: 2376
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.463 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056283.D
 Acq: 14 Nov 2023 04:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16479
 Ion Ratio Lower Upper
 75 100
 110 2.6 30.4 45.6#
 77 31.9 27.0 40.6

