

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057137.D
 Acq On : 21 Dec 2023 16:25
 Operator : MD/SY
 Sample : 05830-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:31:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

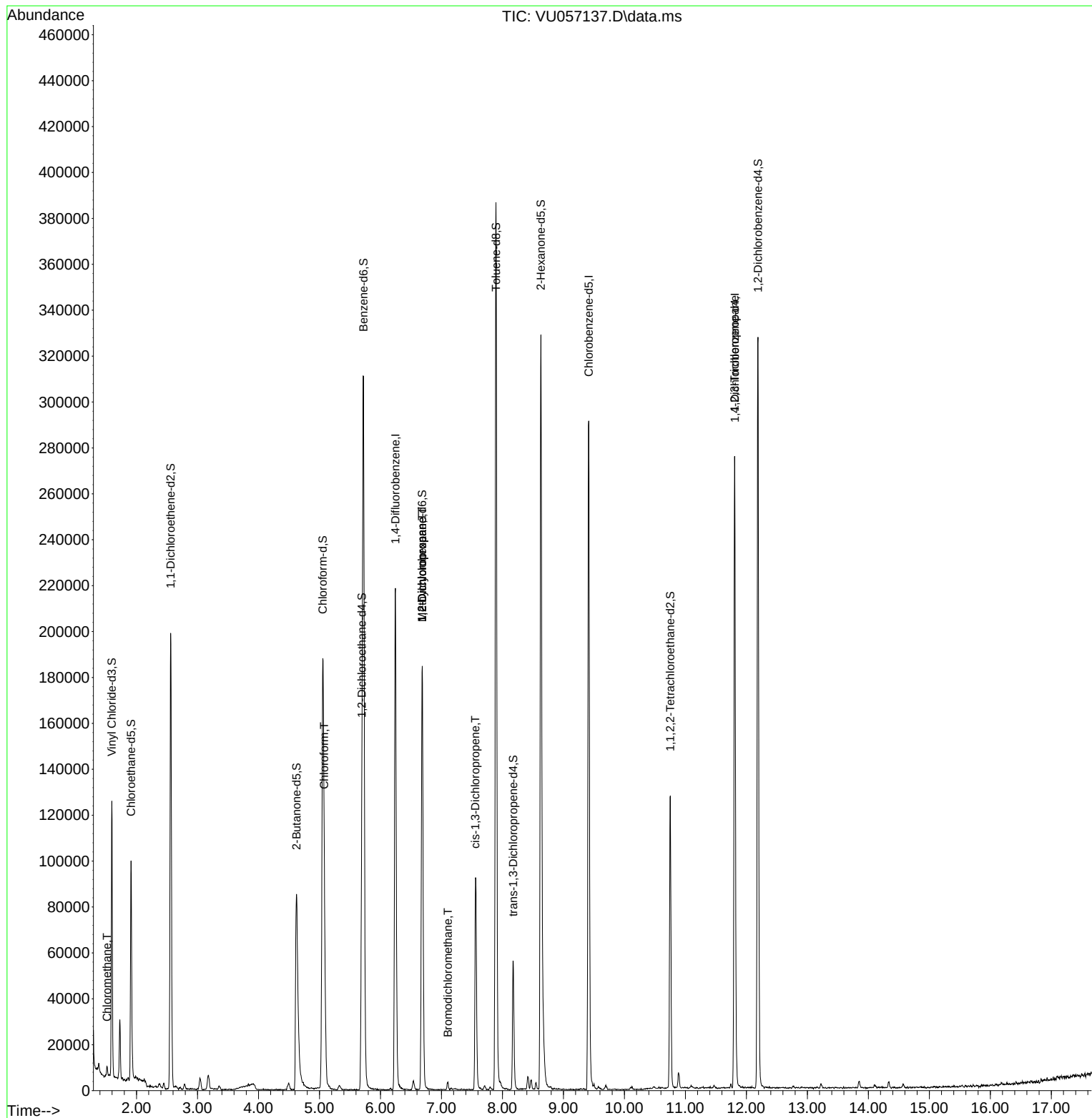
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163705	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	71989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87575	5.277	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.600%		
7) Chloroethane-d5	1.911	69	72571	5.313	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.200%		
11) 1,1-Dichloroethene-d2	2.560	65	39491	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.800%		
20) 2-Butanone-d5	4.624	46	138700	53.234	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 106.460%		
24) Chloroform-d	5.055	84	167422	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	5.695	65	79034	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.400%		
32) Benzene-d6	5.721	84	300544	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.685	67	88121	5.515	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.400%		
41) Toluene-d8	7.894	98	259570	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
43) trans-1,3-Dichloroprop...	8.177	79	33232	4.996	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.000%		
46) 2-Hexanone-d5	8.631	63	112591	49.717	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.440%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60920	5.358	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	84234	5.438	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2269	0.159	ug/L	90
25) Chloroform	5.078	83	56584	1.997	ug/L	99
35) Methylcyclohexane	6.685	83	21145	1.058	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10681	0.827	ug/L #	88
38) Bromodichloromethane	7.106	83	2191	0.117	ug/L	95
39) cis-1,3-Dichloropropene	7.557	75	2656	0.137	ug/L #	72
61) 1,2,3-Trichloropropane	11.807	75	8528	1.271	ug/L #	63

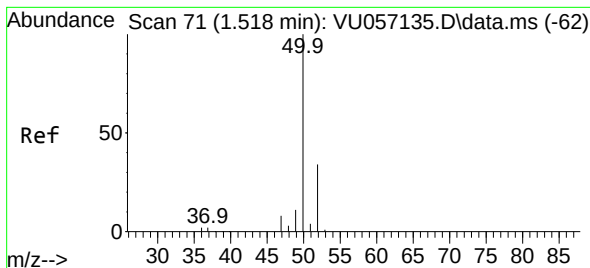
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.159 ug/L

RT: 1.515 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU057137.D

Acq: 21 Dec 2023 16:25

Instrument :

MSVOA_U

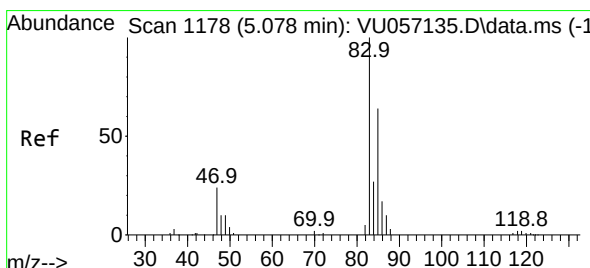
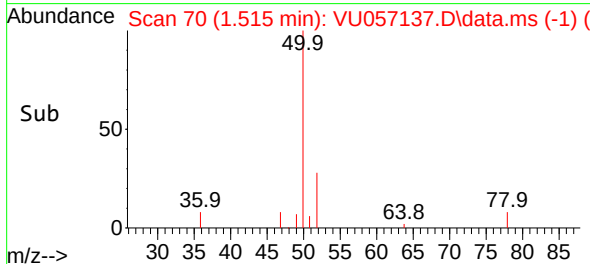
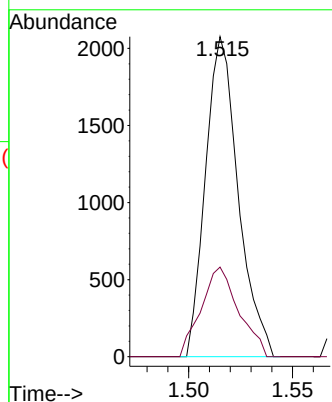
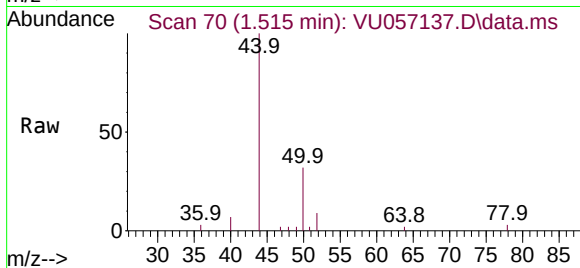
ClientSampleId :

Tgt Ion: 50 Resp: 2269

Ion Ratio Lower Upper

50 100

52 28.0 23.7 44.1



#25

Chloroform

Concen: 1.997 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU057137.D

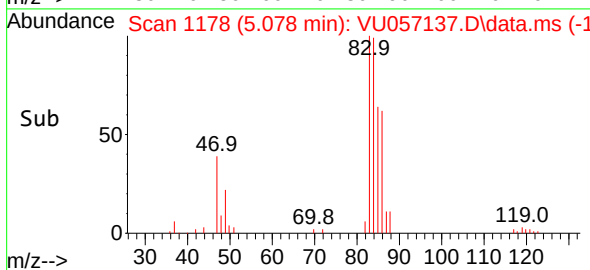
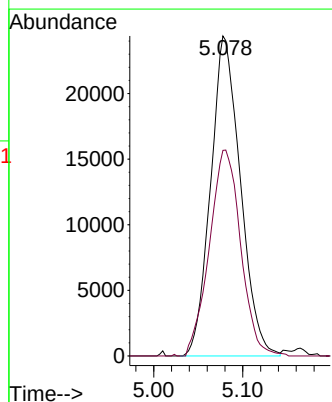
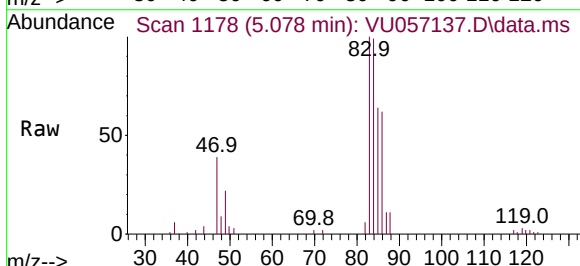
Acq: 21 Dec 2023 16:25

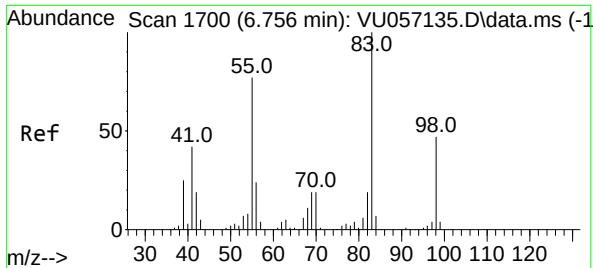
Tgt Ion: 83 Resp: 56584

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.4

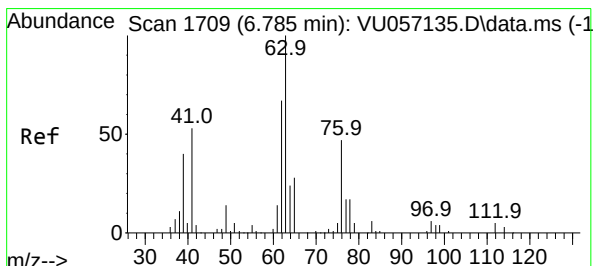
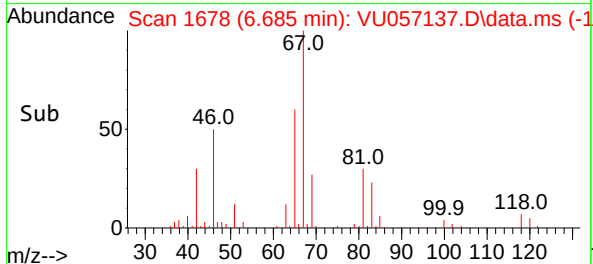
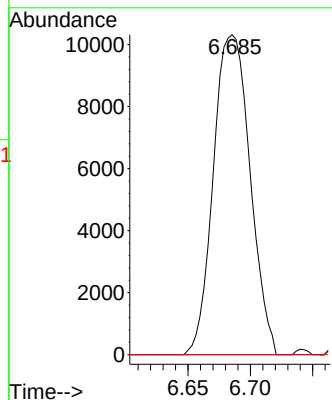
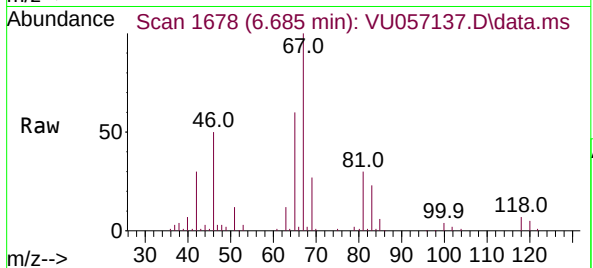




#35
Methylcyclohexane
Concen: 1.058 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057137.D
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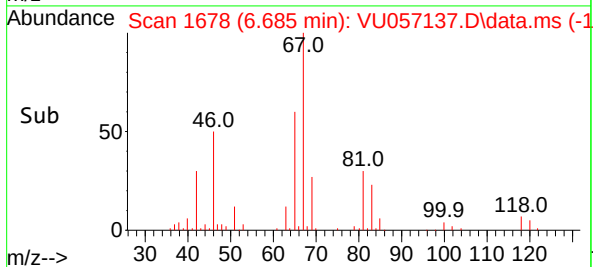
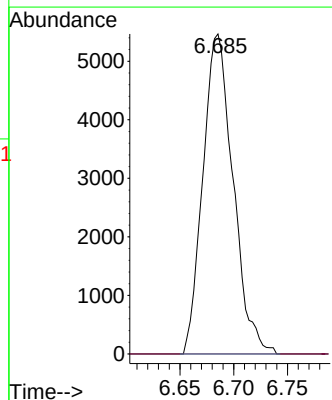
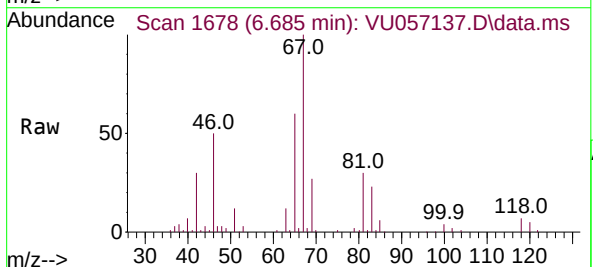
Instrument :
MSVOA_U
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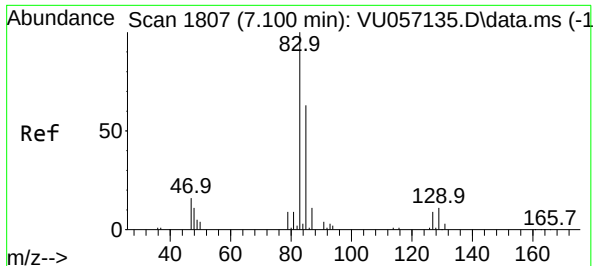
Tgt Ion: 83 Resp: 21145
Ion Ratio Lower Upper
83 100
55 0.1 61.3 91.9#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.827 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057137.D
Acq: 21 Dec 2023 16:25

Tgt Ion: 63 Resp: 10681
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

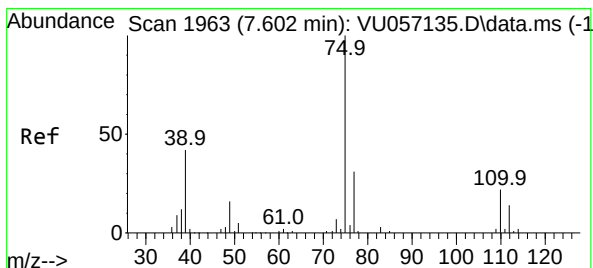
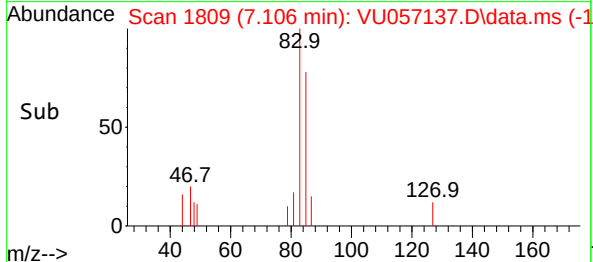
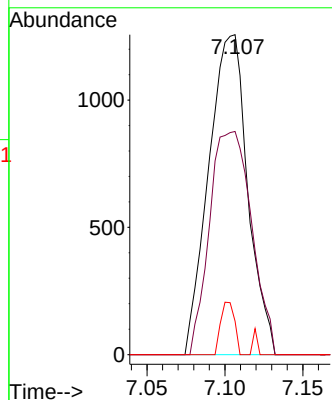
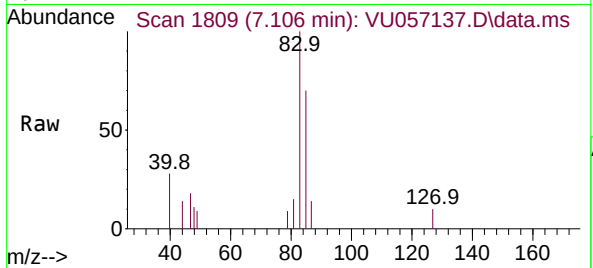




#38
Bromodichloromethane
Concen: 0.117 ug/L
RT: 7.106 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VU057137.D
Acq: 21 Dec 2023 16:25

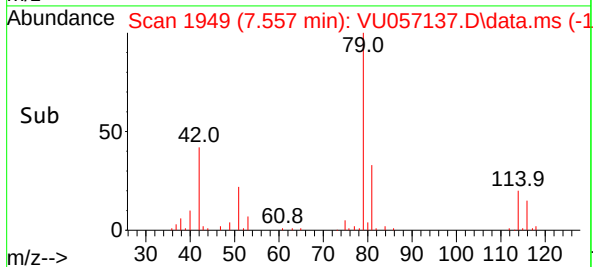
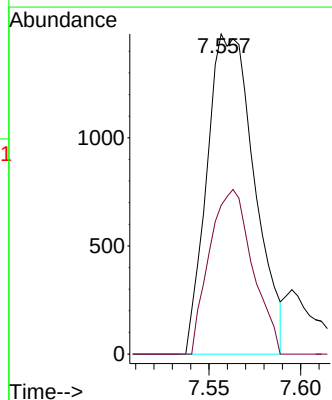
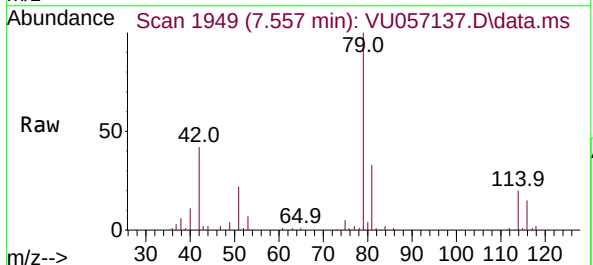
Instrument :
MSVOA_U
ClientSampleId :

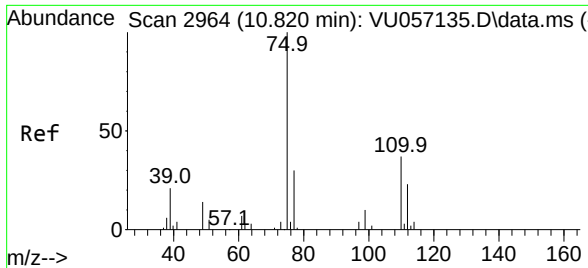
Tgt Ion: 83 Resp: 2191
Ion Ratio Lower Upper
83 100
85 69.8 45.8 85.0
127 10.4 7.4 11.2



#39
cis-1,3-Dichloropropene
Concen: 0.137 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.045 min
Lab File: VU057137.D
Acq: 21 Dec 2023 16:25

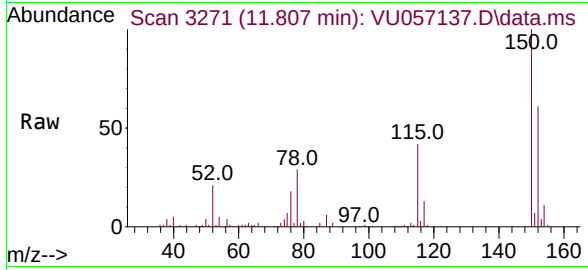
Tgt Ion: 75 Resp: 2656
Ion Ratio Lower Upper
75 100
77 46.5 21.8 40.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.271 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057137.D
 Acq: 21 Dec 2023 16:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8528
 Ion Ratio Lower Upper
 75 100
 110 2.4 31.2 46.8#
 77 36.5 25.5 38.3

