

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055730.D
 Acq On : 10 Oct 2023 18:49
 Operator : MD/SY
 Sample : 04707-08ME
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:56:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

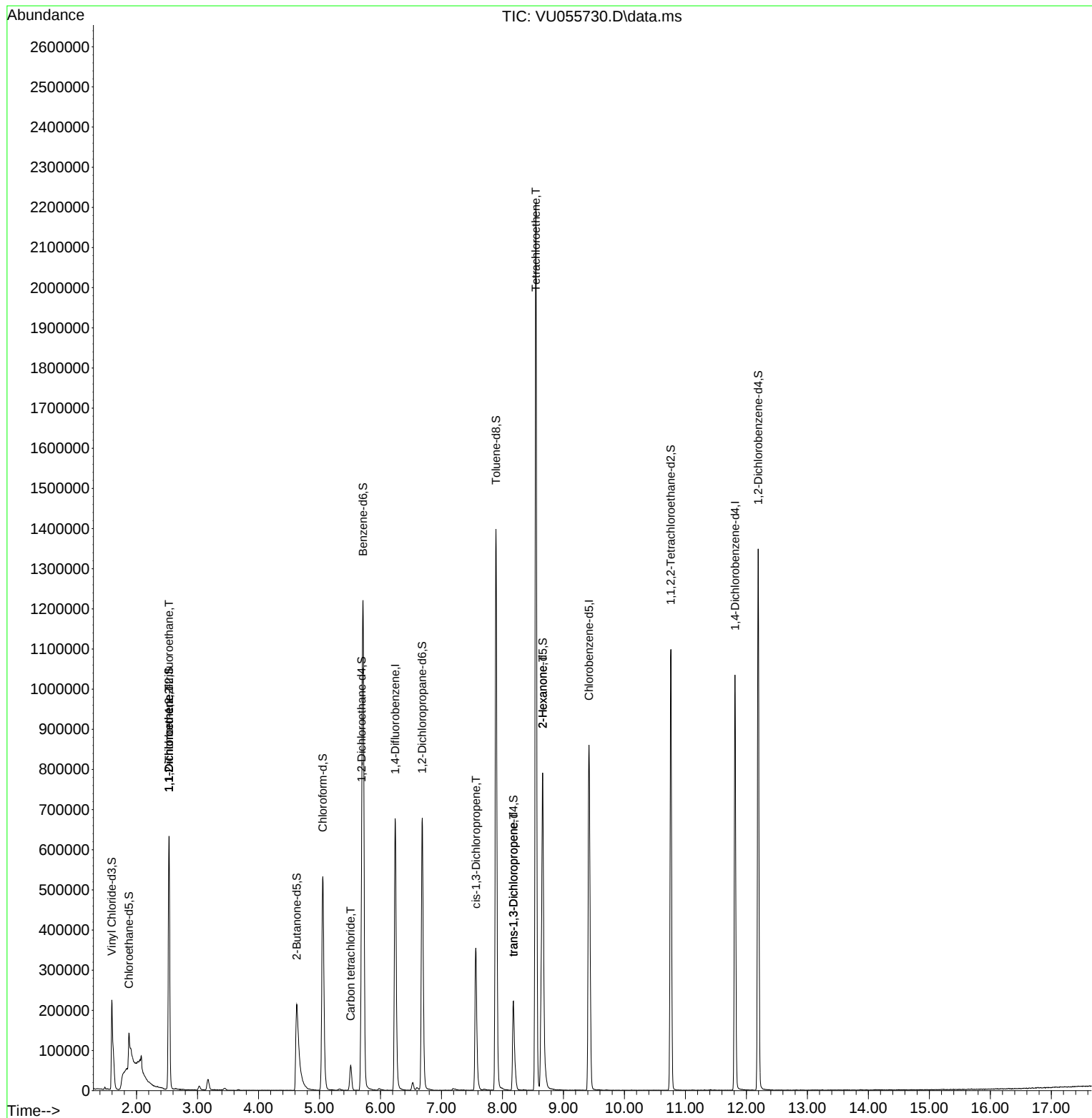
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	593108	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	596259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	264231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	275957	51.872	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.740%	
7) Chloroethane-d5	1.875	69	78467	18.044	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130	Recovery	=	36.080%#	
11) 1,1-Dichloroethene-d2	2.531	63	386550	40.751	ug/L	-0.04
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.500%	
21) 2-Butanone-d5	4.628	46	482286	122.346	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	122.350%	
24) Chloroform-d	5.055	84	544223	53.362	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.720%	
26) 1,2-Dichloroethane-d4	5.692	65	374571	59.668	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	119.340%	
32) Benzene-d6	5.714	84	1100251	57.672	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.340%	
36) 1,2-Dichloropropane-d6	6.685	67	349936	57.940	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	115.880%	
41) Toluene-d8	7.894	98	995640	57.797	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	115.600%	
43) trans-1,3-Dichloroprop...	8.180	79	166028	57.227	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	114.460%	
47) 2-Hexanone-d5	8.660	63	352951	148.654	ug/L	0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	148.650%#	
56) 1,1,2,2-Tetrachloroeth...	10.762	84	553099	59.496	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	119.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	340534	64.944	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	129.880%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.531	101	3275	0.693	ug/L #	20
12) 1,1-Dichloroethene	2.534	96	2870	0.683	ug/L #	1
31) Carbon tetrachloride	5.512	117	42459	6.297	ug/L	95
39) cis-1,3-Dichloropropene	7.566	75	11243	1.424	ug/L #	63
44) trans-1,3-Dichloropropene	8.180	75	7397	0.979	ug/L	87
46) Tetrachloroethene	8.547	164	480640	130.170	ug/L	98
48) 2-Hexanone	8.660	43	53147	8.714	ug/L #	78

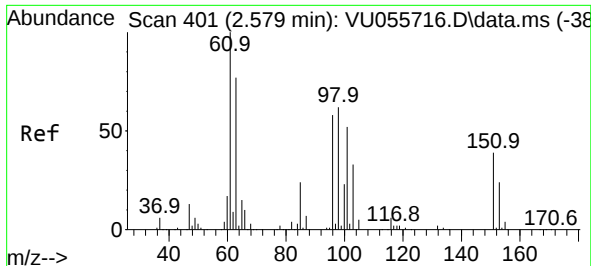
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
Response via : Initial Calibration

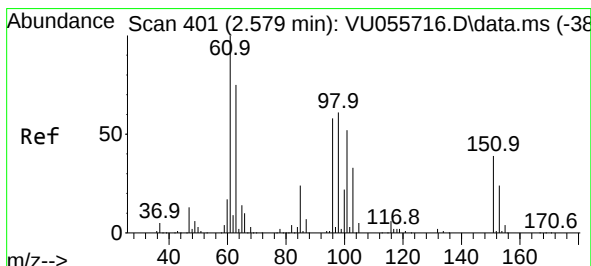
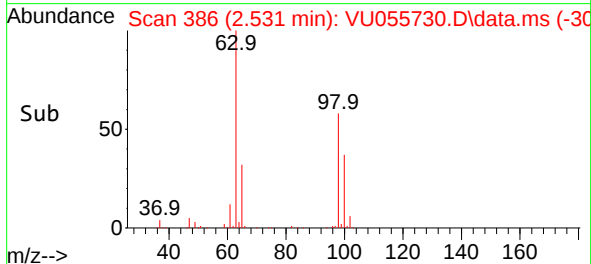
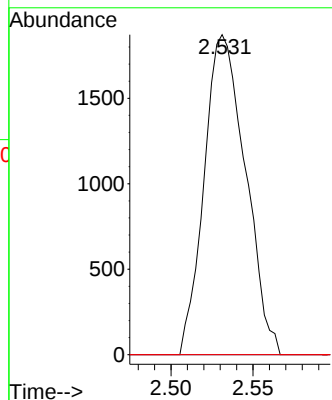
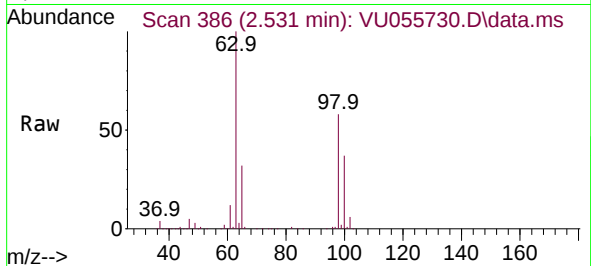




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.693 ug/L
RT: 2.531 min Scan# 31
Delta R.T. -0.048 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

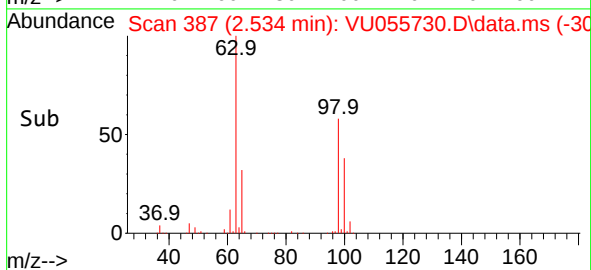
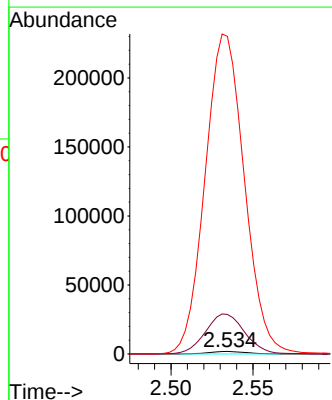
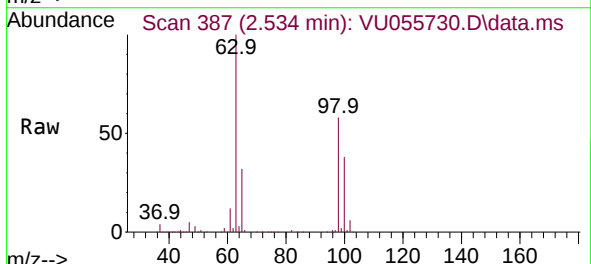
Instrument :
MSVOA_U
ClientSampleId :

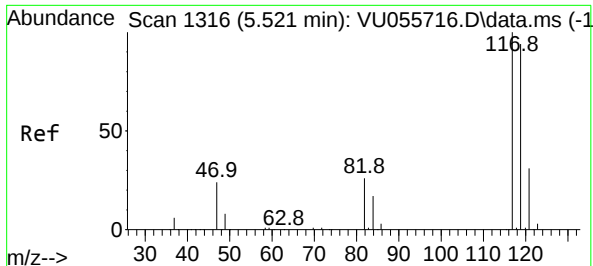
Tgt Ion:101 Resp: 3275
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 58.2 87.4#



#12
1,1-Dichloroethene
Concen: 0.683 ug/L
RT: 2.534 min Scan# 387
Delta R.T. -0.045 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

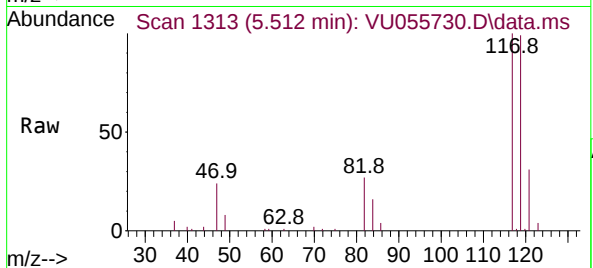
Tgt Ion: 96 Resp: 2870
Ion Ratio Lower Upper
96 100
61 1550.6 122.0 226.6#
63 12470.5 93.7 174.1#



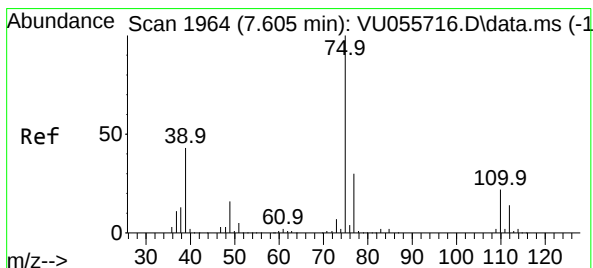
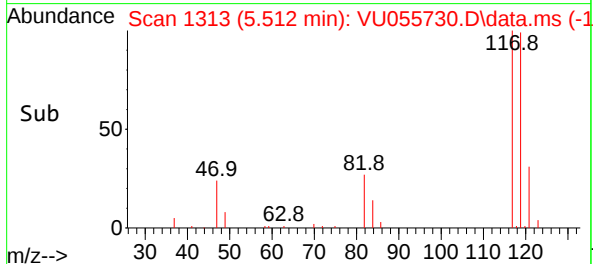
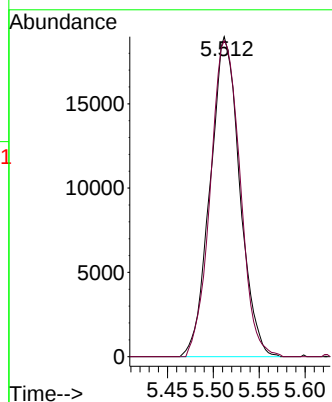


#31
Carbon tetrachloride
Concen: 6.297 ug/L
RT: 5.512 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

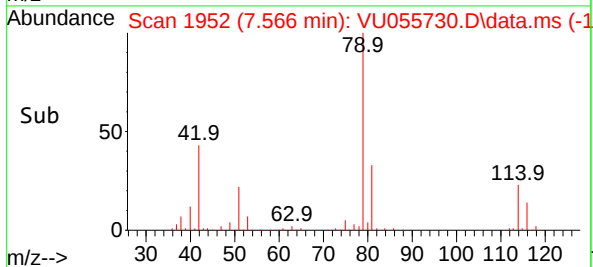
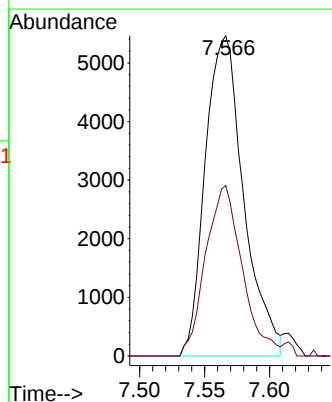
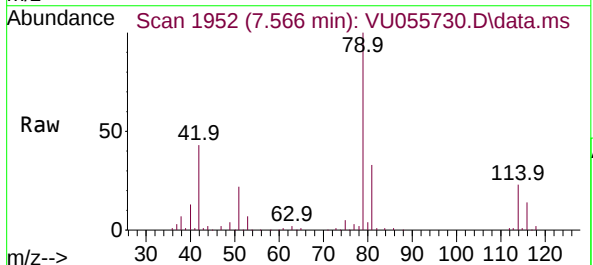


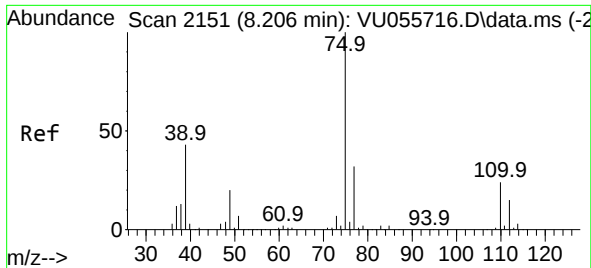
Tgt Ion:117 Resp: 42459
Ion Ratio Lower Upper
117 100
119 99.2 75.4 113.0



#39
cis-1,3-Dichloropropene
Concen: 1.424 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

Tgt Ion: 75 Resp: 11243
Ion Ratio Lower Upper
75 100
77 51.1 21.7 40.3#

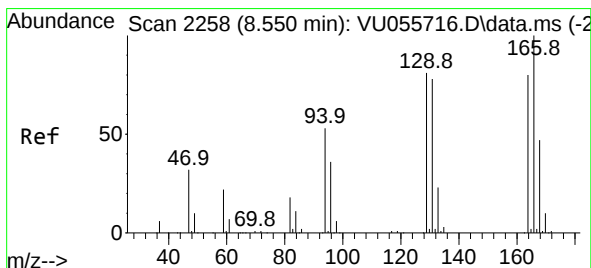
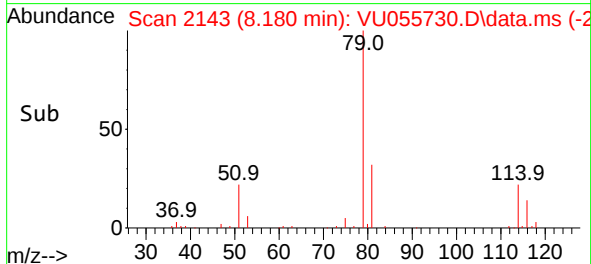
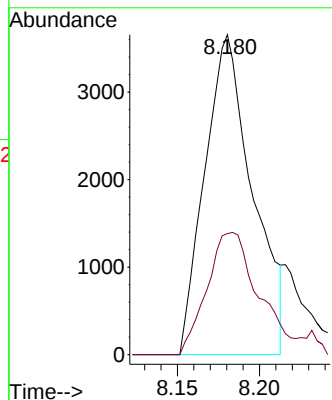
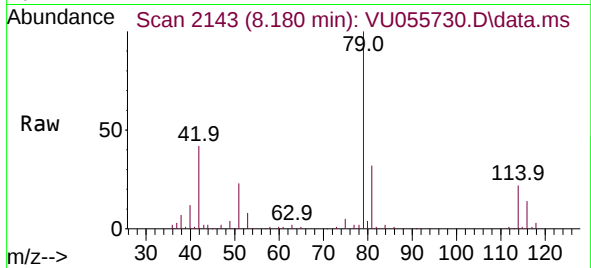




#44
trans-1,3-Dichloropropene
Concen: 0.979 ug/L
RT: 8.180 min Scan# 2151
Delta R.T. -0.026 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

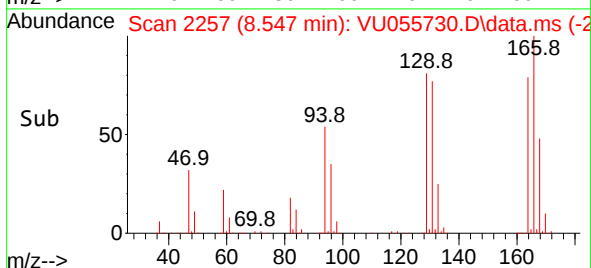
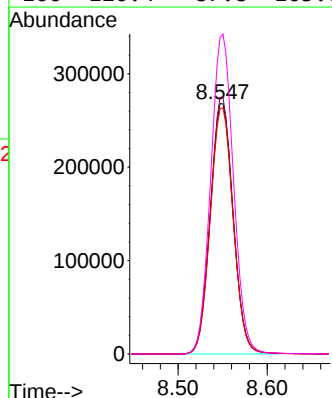
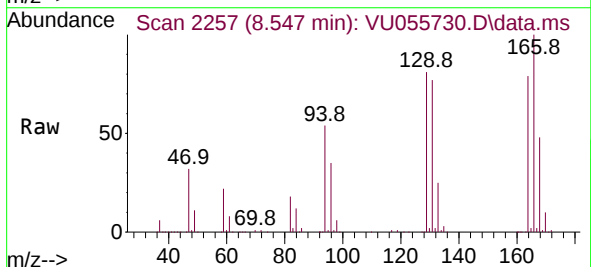
Instrument :
MSVOA_U
ClientSampleId :

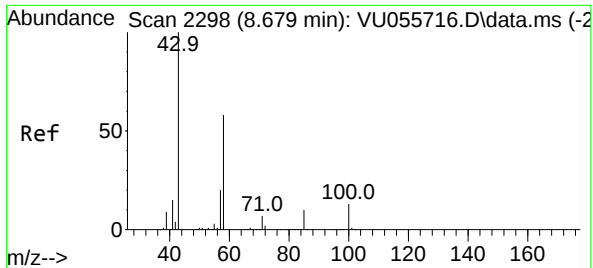
Tgt Ion: 75 Resp: 7397
Ion Ratio Lower Upper
75 100
77 37.8 21.6 40.2



#46
Tetrachloroethene
Concen: 130.170 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU055730.D
Acq: 10 Oct 2023 18:49

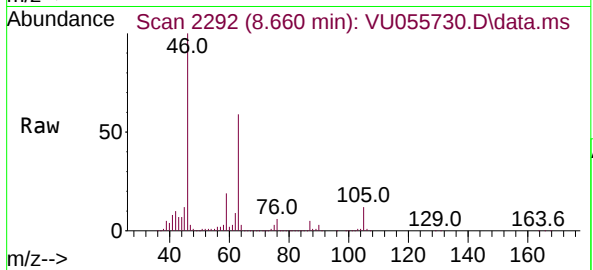
Tgt Ion:164 Resp: 480640
Ion Ratio Lower Upper
164 100
129 102.6 70.7 131.3
131 97.9 65.9 122.5
166 126.4 87.8 163.0





#48
 2-Hexanone
 Concen: 8.714 ug/L
 RT: 8.660 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: VU055730.D
 Acq: 10 Oct 2023 18:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 53147
Ion Ratio	Lower Upper
43	100
58	38.6 45.2 67.8#
57	25.5 16.1 24.1#
100	0.4 9.7 14.5#

