

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054110.D
 Acq On : 09 May 2023 03:23
 Operator : JC/MD
 Sample : 02662-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ0

Quant Time: May 09 06:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

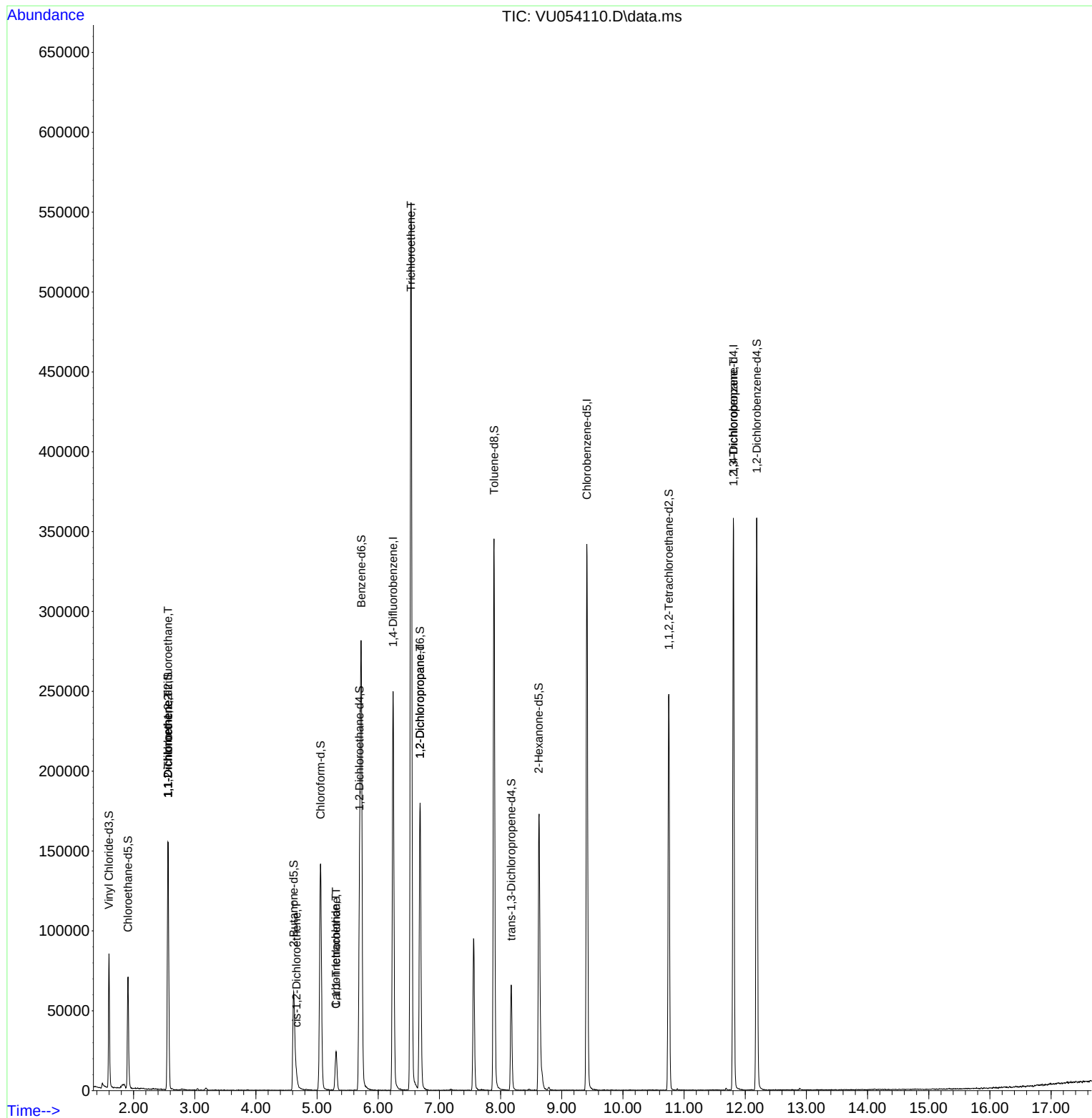
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	208472	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	199575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	97781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63559	40.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.620%		
7) Chloroethane-d5	1.909	69	54731	52.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.760%		
11) 1,1-Dichloroethene-d2	2.562	63	94106	33.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.300%		
21) 2-Butanone-d5	4.616	46	94864	105.493	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.490%		
24) Chloroform-d	5.057	84	137337	47.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
26) 1,2-Dichloroethane-d4	5.694	65	91125	49.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.020%		
32) Benzene-d6	5.723	84	266384	45.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
36) 1,2-Dichloropropane-d6	6.684	67	85407	46.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.100%		
41) Toluene-d8	7.893	98	234640	44.241	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.480%		
43) trans-1,3-Dichloroprop...	8.176	79	40011	43.596	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.200%		
47) 2-Hexanone-d5	8.626	63	59295	89.267	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.270%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	123195	50.432	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.860%		
66) 1,2-Dichlorobenzene-d4	12.189	152	98570	51.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.200%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1715	1.229	ug/L #	47
12) 1,1-Dichloroethene	2.565	96	934	0.772	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	2350	1.547	ug/L	81
30) 1,1,1-Trichloroethane	5.311	97	18308	7.360	ug/L	99
31) Carbon tetrachloride	5.308	117	2318	1.092	ug/L #	59
34) Trichloroethene	6.536	95	189354	122.816	ug/L	98
37) 1,2-Dichloropropane	6.684	63	9265	5.637	ug/L #	87
60) 1,2,3-Trichloropropane	11.809	75	10735	5.911	ug/L #	67

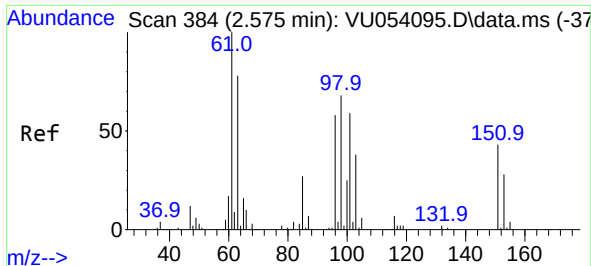
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 06 01:14:00 2023
Response via : Initial Calibration

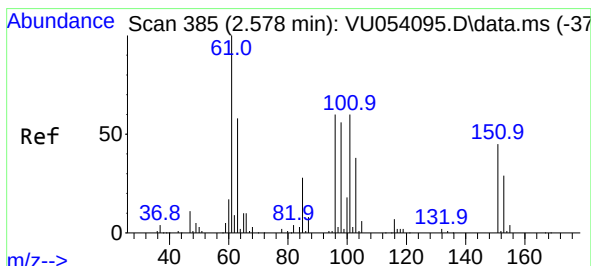
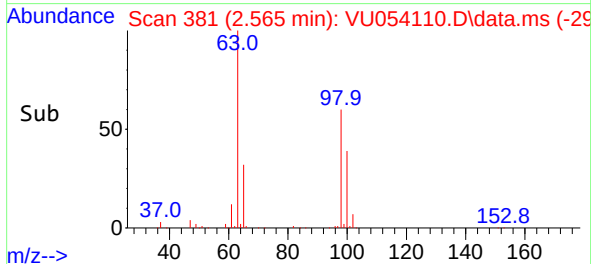
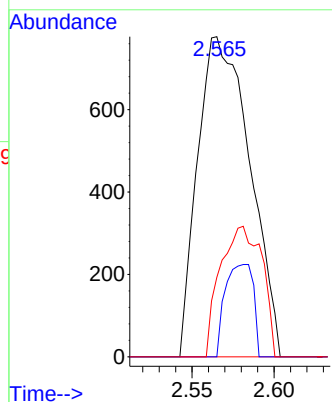
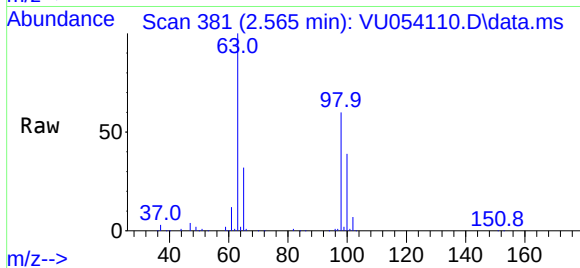




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.229 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

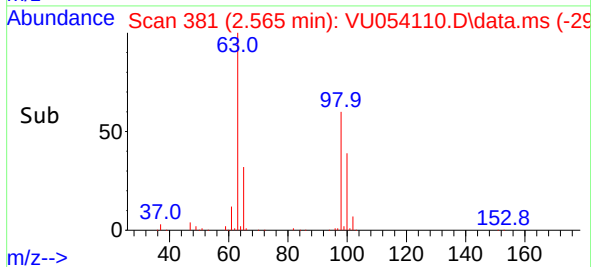
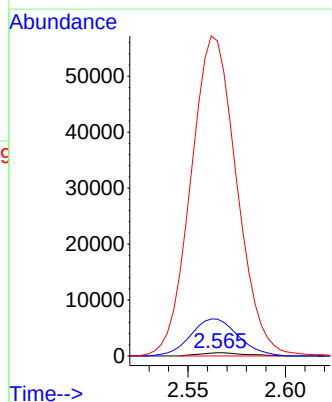
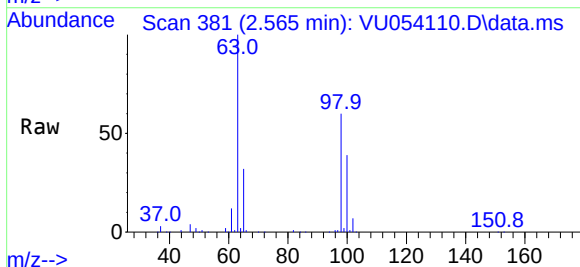
Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

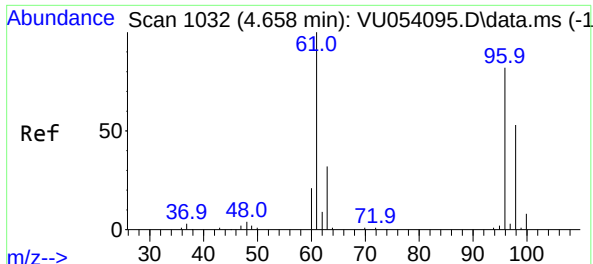
Tgt Ion:101 Resp: 1715
Ion Ratio Lower Upper
101 100
85 15.5 34.3 51.5#
151 25.5 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.772 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Tgt Ion: 96 Resp: 934
Ion Ratio Lower Upper
96 100
61 1130.1 118.3 219.7#
63 9693.6 92.3 171.5#



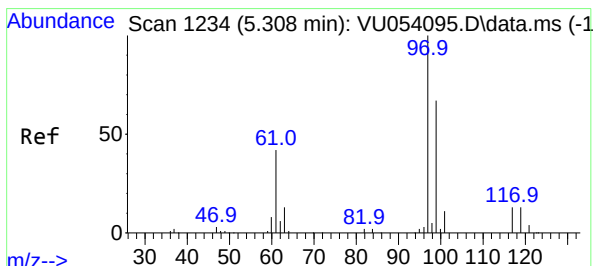
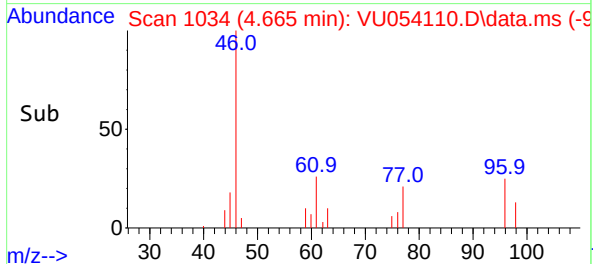
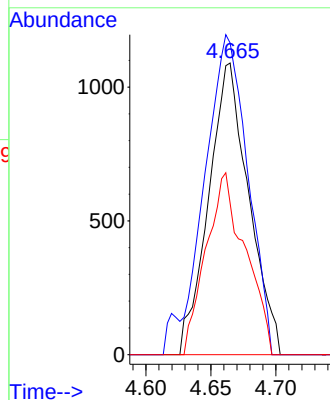
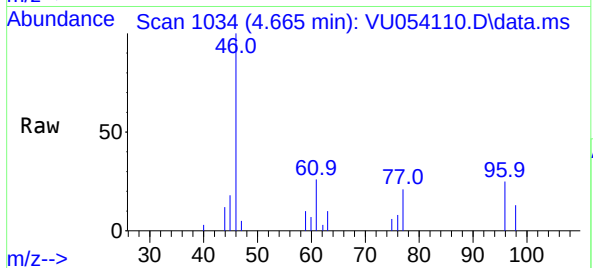


#20
cis-1,2-Dichloroethene
Concen: 1.547 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

Tgt Ion: 96 Resp: 2350

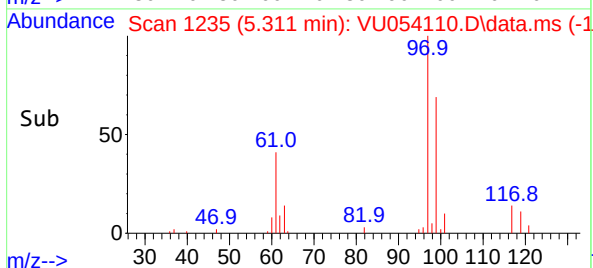
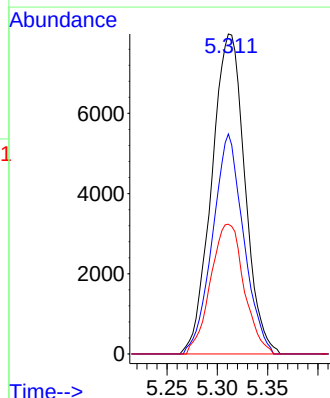
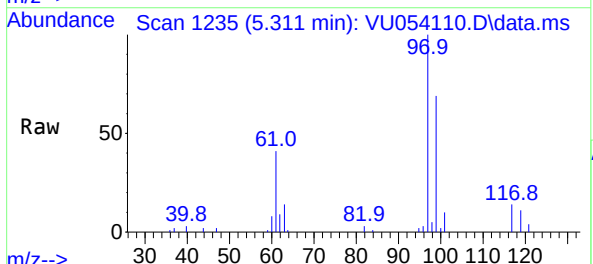
Ion	Ratio	Lower	Upper
96	100		
61	106.9	90.9	168.9
98	51.9	45.7	84.9

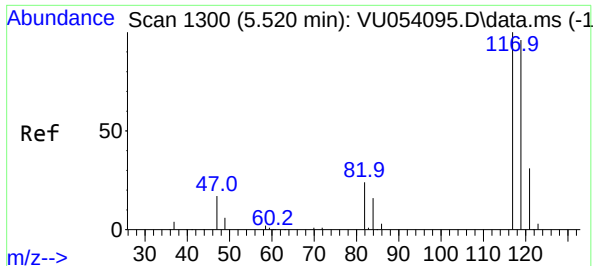


#30
1,1,1-Trichloroethane
Concen: 7.360 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Tgt Ion: 97 Resp: 18308

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	40.9	34.2	51.4

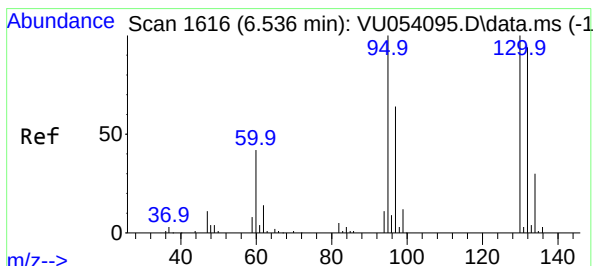
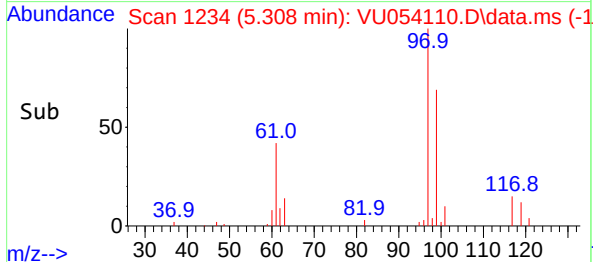
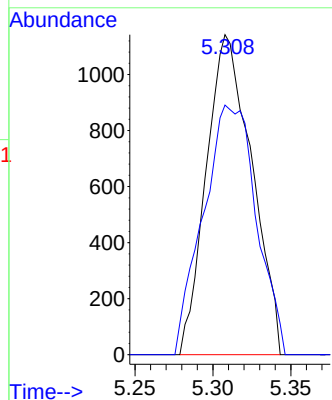
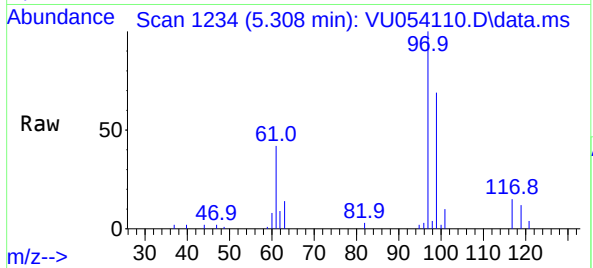




#31
Carbon tetrachloride
Concen: 1.092 ug/L
RT: 5.308 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

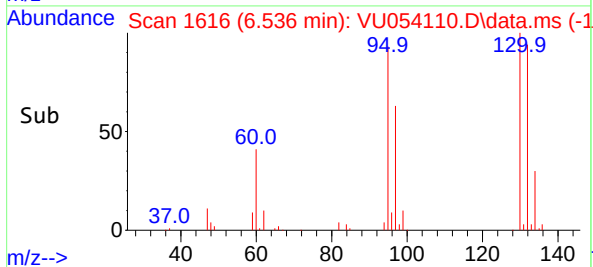
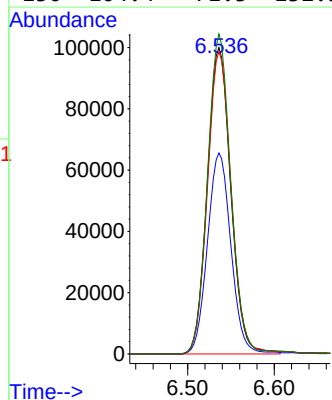
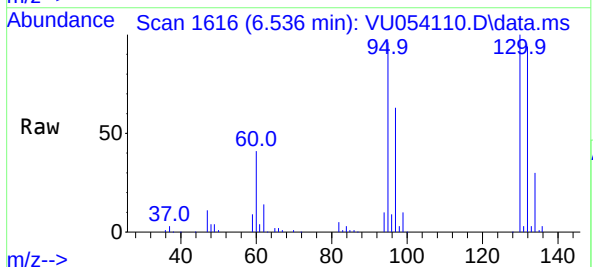
Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

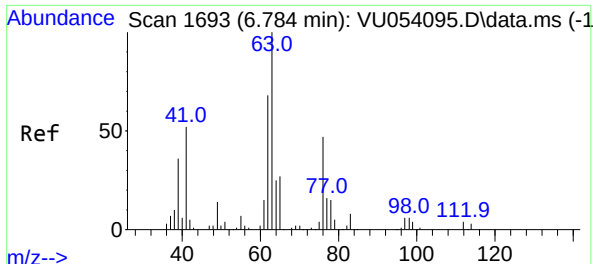
Tgt Ion:117 Resp: 2318
Ion Ratio Lower Upper
117 100
119 56.4 77.8 116.6#



#34
Trichloroethene
Concen: 122.816 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Tgt Ion: 95 Resp: 189354
Ion Ratio Lower Upper
95 100
97 65.6 46.5 86.3
132 98.7 67.8 126.0
130 104.4 71.3 132.3

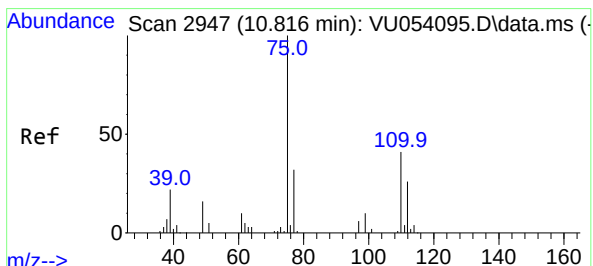
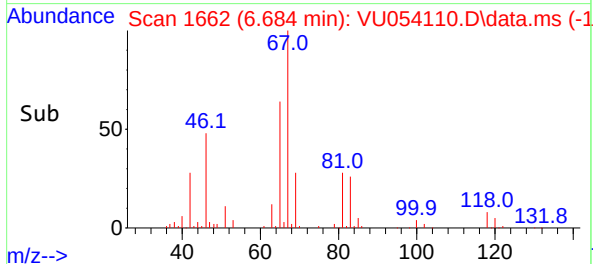
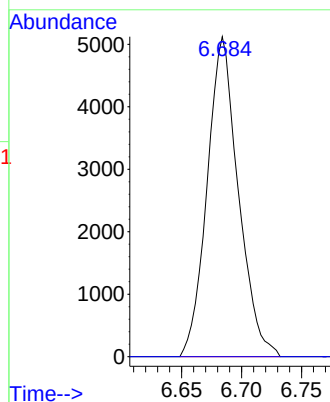
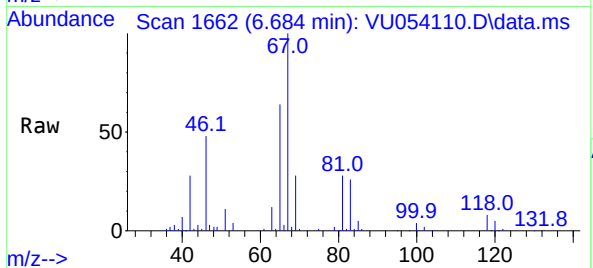




#37
1,2-Dichloropropane
Concen: 5.637 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Instrument :
MSVOA_U
ClientSampleId :
C0AZ0

Tgt Ion: 63 Resp: 9265
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 5.911 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.994 min
Lab File: VU054110.D
Acq: 09 May 2023 03:23

Tgt Ion: 75 Resp: 10735
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0
110 3.5 31.8 47.8#

