

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053504.D
 Acq On : 31 Mar 2023 20:10
 Operator : JC/MD
 Sample : 02130-09ME
 Misc : 5.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:09:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

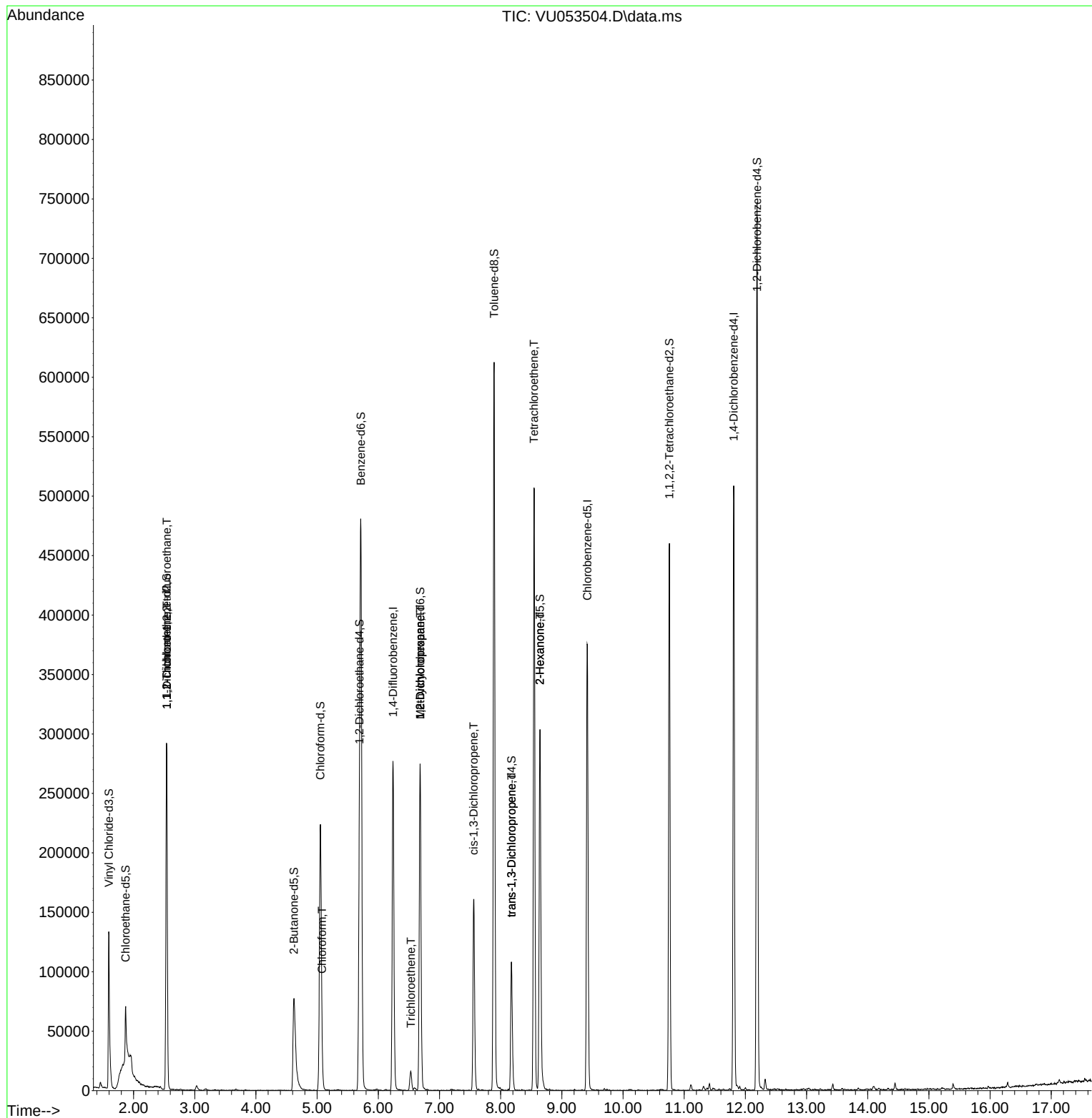
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	250630	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	143830	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	119324	61.143	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 122.280%		
7) Chloroethane-d5	1.871	69	35290	23.453	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	= 46.900%#		
11) 1,1-Dichloroethene-d2	2.539	63	159142	52.680	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	= 105.360%		
21) 2-Butanone-d5	4.620	46	140328	158.817	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 158.820%#		
24) Chloroform-d	5.054	84	206759	64.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 128.120%#		
26) 1,2-Dichloroethane-d4	5.690	65	138425	72.582	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 145.160%#		
32) Benzene-d6	5.716	84	449338	68.172	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 136.340%#		
36) 1,2-Dichloropropane-d6	6.684	67	137260	68.131	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 136.260%#		
41) Toluene-d8	7.893	98	442516	67.548	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 135.100%#		
43) trans-1,3-Dichloroprop...	8.176	79	69763	67.084	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 134.160%#		
47) 2-Hexanone-d5	8.642	63	120812	175.708	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	= 175.710%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216269	76.164	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 152.320%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	207924	69.256	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 138.520%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1695	0.982	ug/L #	20
12) 1,1-Dichloroethene	2.543	96	1436	0.934	ug/L #	1
25) Chloroform	5.080	83	9673	3.294	ug/L	96
34) Trichloroethene	6.533	95	3774	1.961	ug/L	92
35) Methylcyclohexane	6.684	83	33430	11.819	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	14482	8.965	ug/L #	86
39) cis-1,3-Dichloropropene	7.559	75	4200	1.591	ug/L #	77
44) trans-1,3-Dichloropropene	8.176	75	3225	1.292	ug/L #	78
46) Tetrachloroethene	8.546	164	115828	72.538	ug/L	97
48) 2-Hexanone	8.642	43	13321	9.381	ug/L #	66

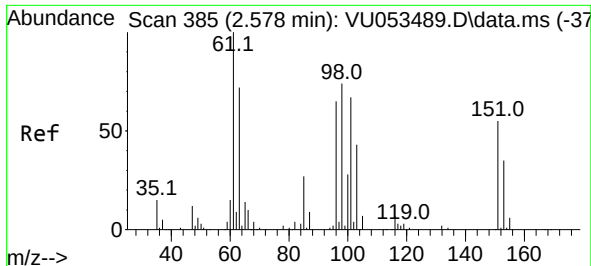
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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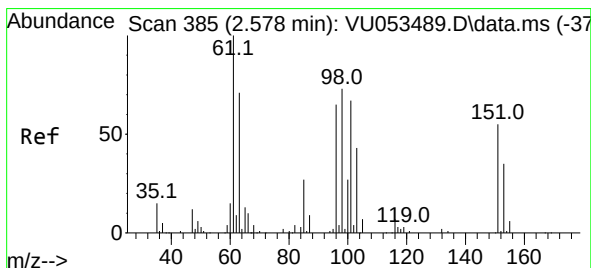
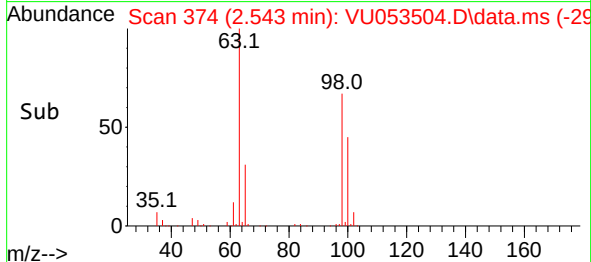
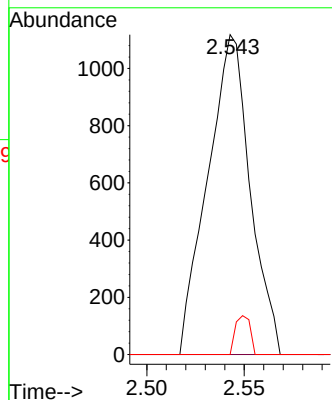
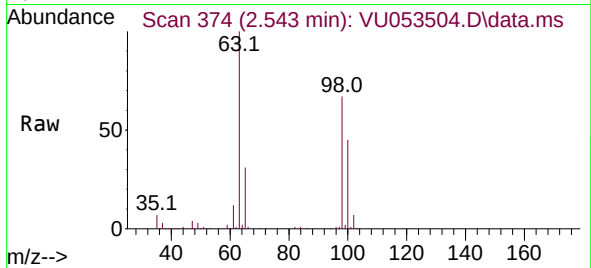




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.982 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.035 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10

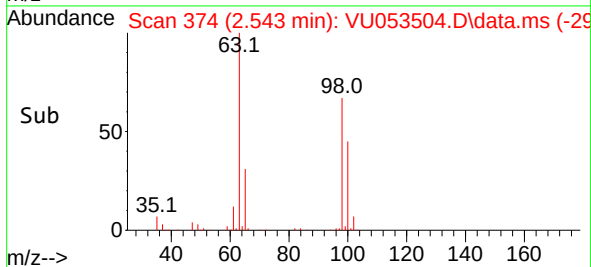
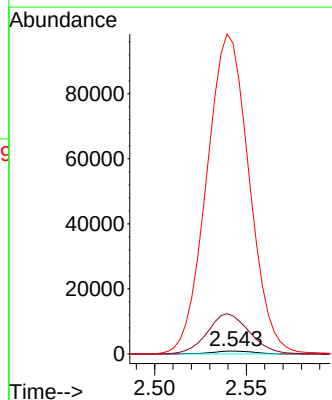
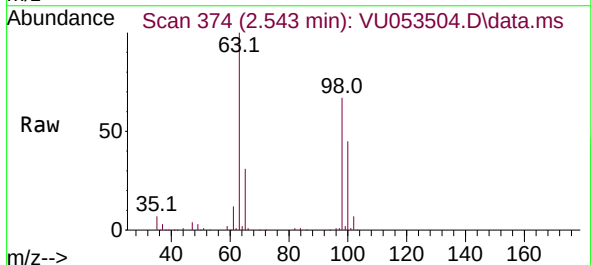
Instrument :
MSVOA_W
ClientSampleId :

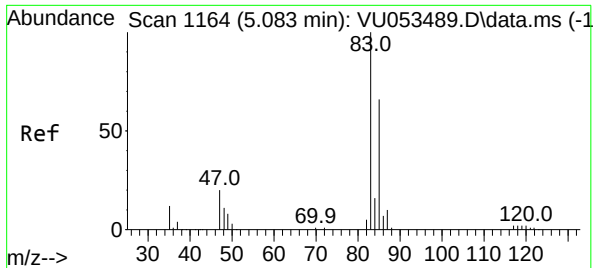
Tgt Ion:101 Resp: 1695
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 4.2 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.934 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.035 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10

Tgt Ion: 96 Resp: 1436
Ion Ratio Lower Upper
96 100
61 1300.0 107.9 200.5#
63 10591.6 79.1 146.9#





#25

Chloroform

Concen: 3.294 ug/L

RT: 5.080 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU053504.D

Acq: 31 Mar 2023 20:10

Instrument :

MSVOA_W

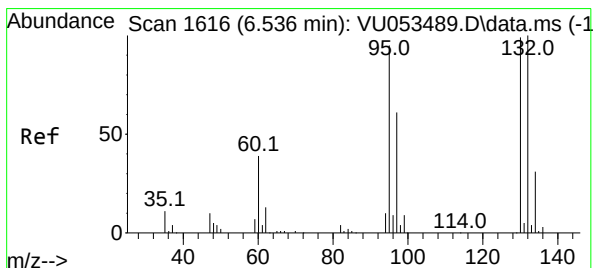
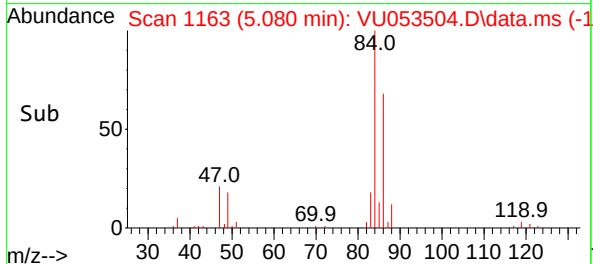
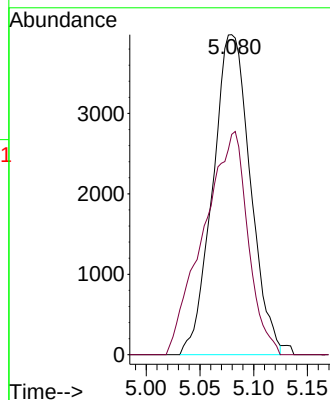
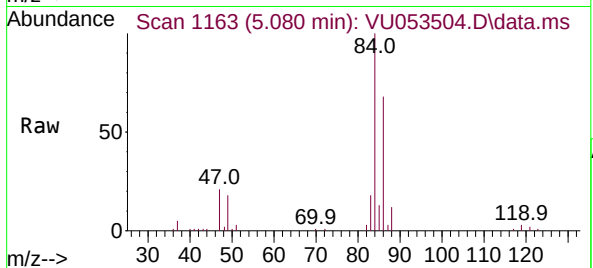
ClientSampleId :

Tgt Ion: 83 Resp: 9673

Ion Ratio Lower Upper

83 100

85 68.9 46.1 85.5



#34

Trichloroethene

Concen: 1.961 ug/L

RT: 6.533 min Scan# 1615

Delta R.T. -0.003 min

Lab File: VU053504.D

Acq: 31 Mar 2023 20:10

Tgt Ion: 95 Resp: 3774

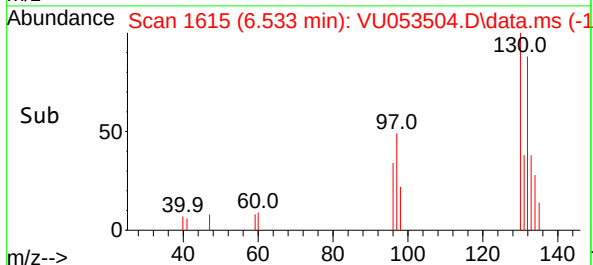
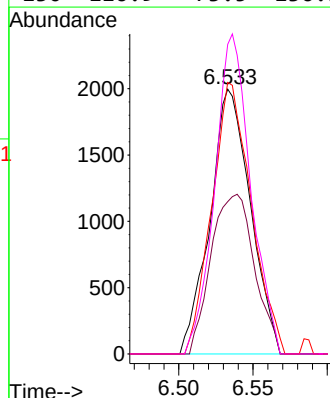
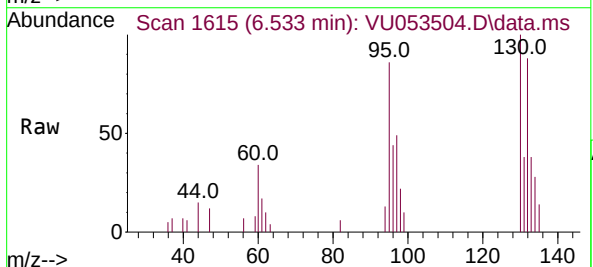
Ion Ratio Lower Upper

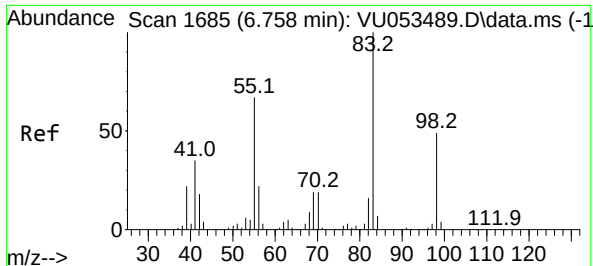
95 100

97 57.5 45.1 83.7

132 102.5 74.1 137.5

130 116.9 73.5 136.5

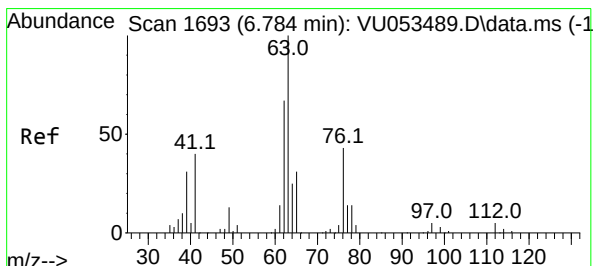
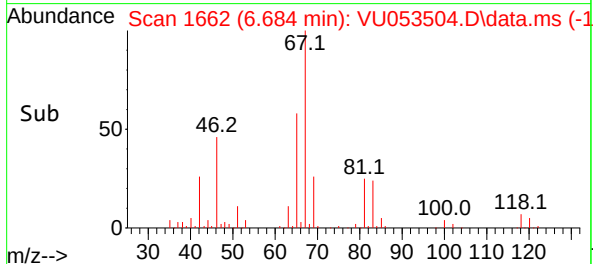
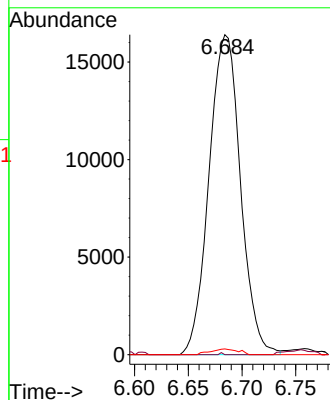
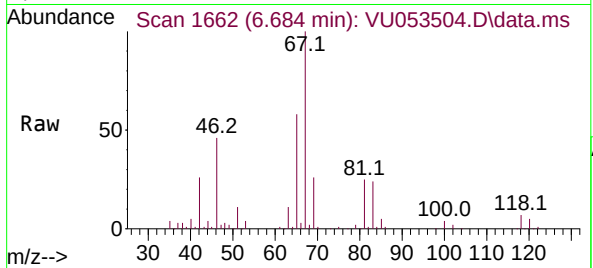




#35
Methylcyclohexane
Concen: 11.819 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10

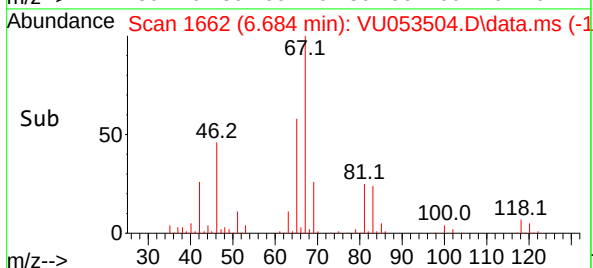
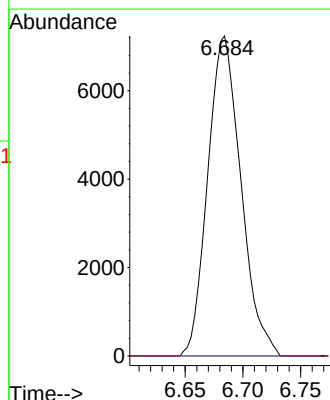
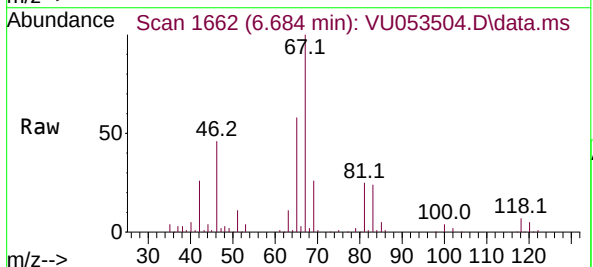
Instrument :
MSVOA_W
ClientSampleId :

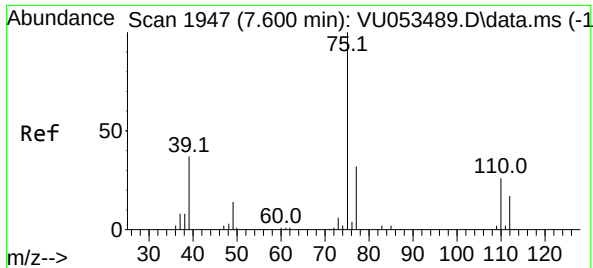
Tgt Ion: 83 Resp: 33430
Ion Ratio Lower Upper
83 100
55 0.2 53.0 79.6#
98 1.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 8.965 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10

Tgt Ion: 63 Resp: 14482
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.591 ug/L

RT: 7.559 min Scan# 1947

Delta R.T. -0.042 min

Lab File: VU053504.D

Acq: 31 Mar 2023 20:10

Instrument :

MSVOA_W

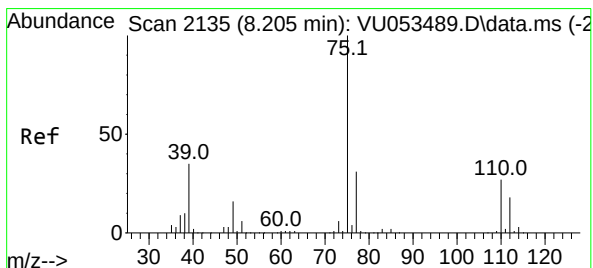
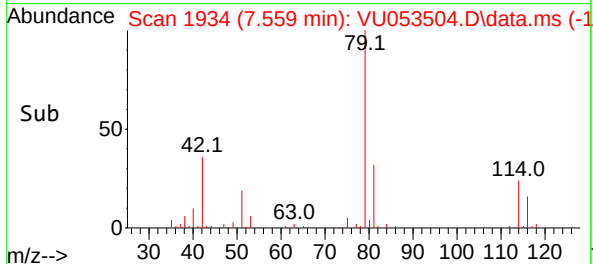
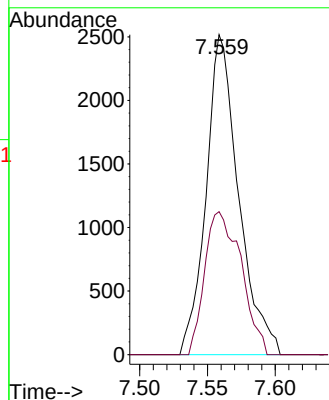
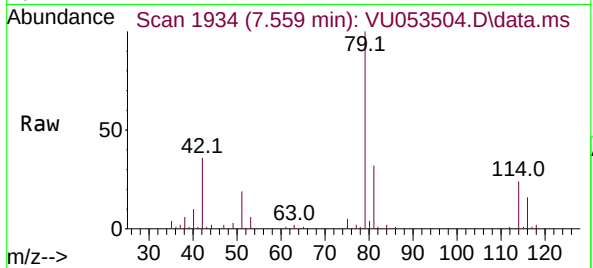
ClientSampleId :

Tgt Ion: 75 Resp: 4200

Ion Ratio Lower Upper

75 100

77 44.7 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 1.292 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053504.D

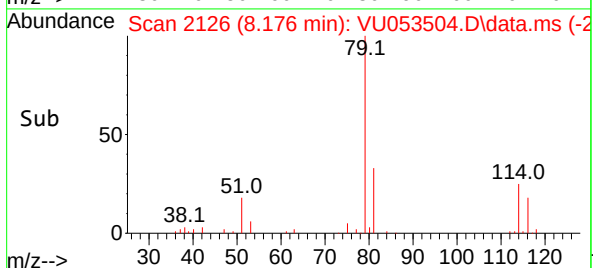
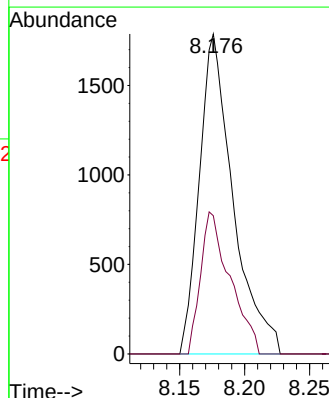
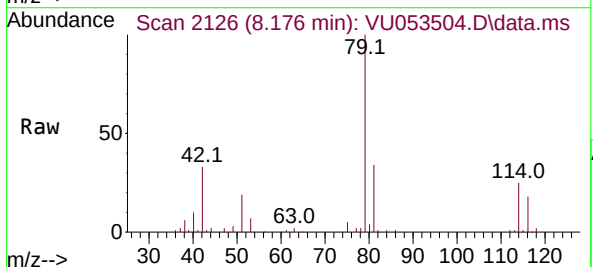
Acq: 31 Mar 2023 20:10

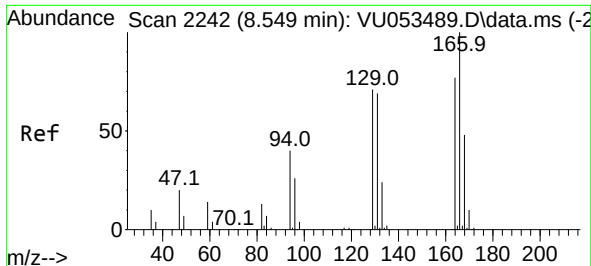
Tgt Ion: 75 Resp: 3225

Ion Ratio Lower Upper

75 100

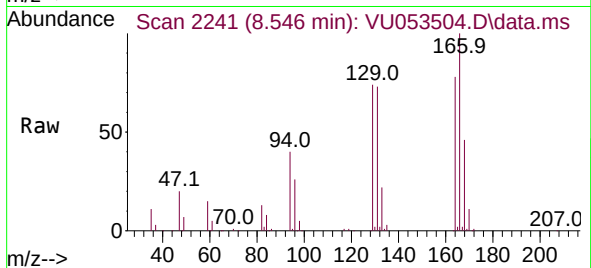
77 43.2 21.8 40.4#



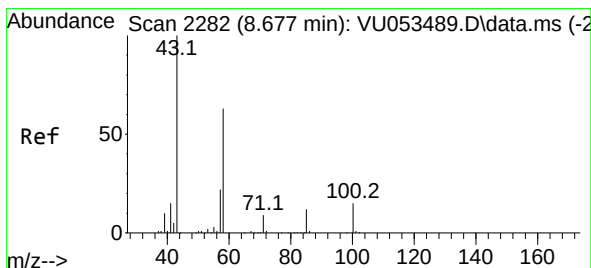
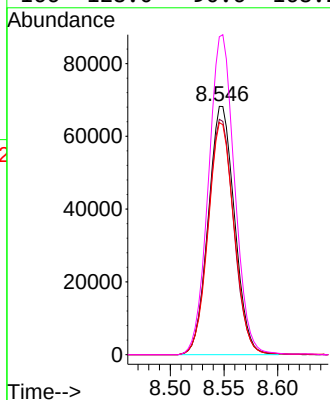
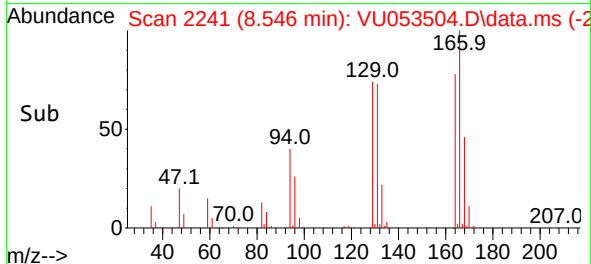


#46
Tetrachloroethene
Concen: 72.538 ug/L
RT: 8.546 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10

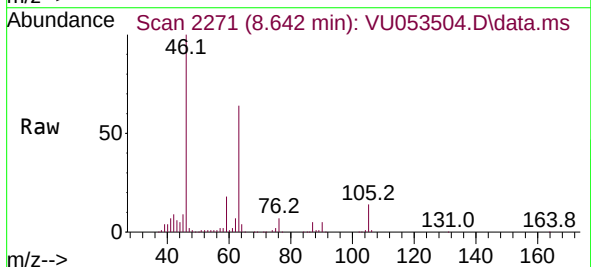
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 115828
Ion Ratio Lower Upper
164 100
129 94.8 64.0 119.0
131 93.5 61.9 115.1
166 128.0 90.6 168.2



#48
2-Hexanone
Concen: 9.381 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.035 min
Lab File: VU053504.D
Acq: 31 Mar 2023 20:10



Tgt Ion: 43 Resp: 13321
Ion Ratio Lower Upper
43 100
58 30.9 49.8 74.6#
57 28.2 17.8 26.6#
100 0.0 12.0 18.0#

