

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050634.D
 Acq On : 06 Sep 2022 15:15
 Operator : SY/MD
 Sample : N4248-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 07 01:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

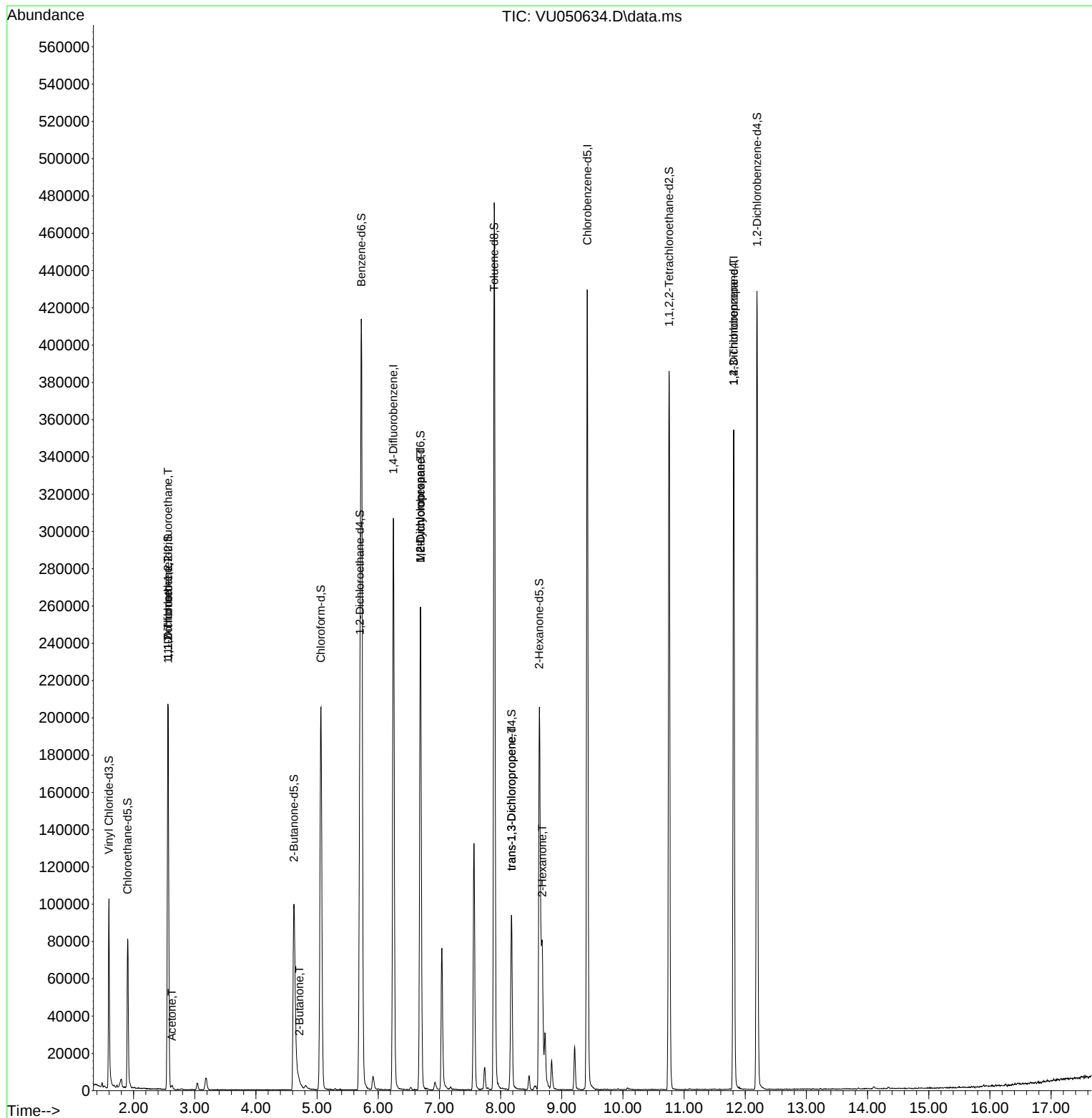
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251279	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76808	35.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.480%		
7) Chloroethane-d5	1.903	69	61403	42.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.500%		
11) 1,1-Dichloroethene-d2	2.562	63	121455	31.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.960%		
21) 2-Butanone-d5	4.620	46	139989	89.027	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.030%		
24) Chloroform-d	5.063	84	195415	47.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	5.700	65	124133	49.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.740%		
32) Benzene-d6	5.726	84	387343	47.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.660%		
36) 1,2-Dichloropropane-d6	6.690	67	130748	48.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.896	98	327591	46.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.620%		
43) trans-1,3-Dichloroprop...	8.179	79	53726	48.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.640%		
47) 2-Hexanone-d5	8.632	63	60873	90.062	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.060%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	197303	48.521	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.040%		
66) 1,2-Dichlorobenzene-d4	12.192	152	116102	51.230	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1082	0.551	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1117	0.585	ug/L #	1
13) Acetone	2.626	43	2686	2.264	ug/L	88
22) 2-Butanone	4.710	43	3695	1.992	ug/L #	61
35) Methylcyclohexane	6.690	83	31090	9.312	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	13504	5.672	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2248	0.744	ug/L	90
48) 2-Hexanone	8.681	43	31361	10.358	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	11598	4.083	ug/L #	67

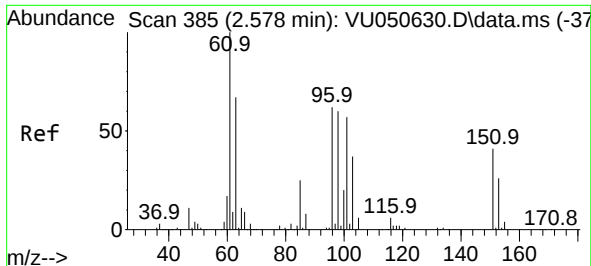
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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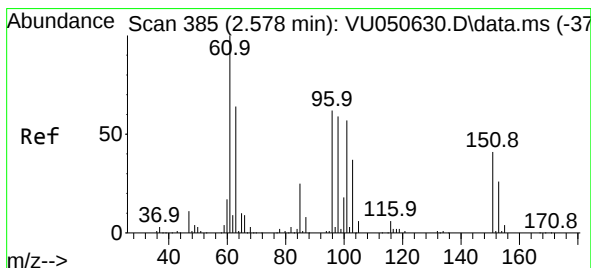
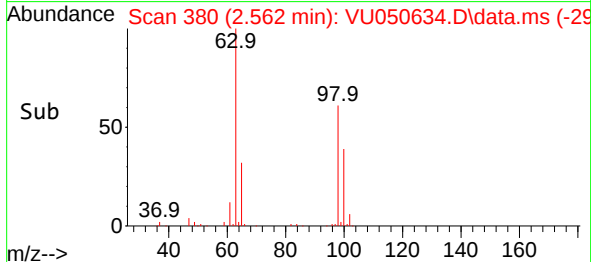
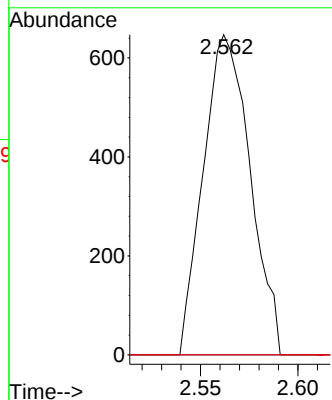
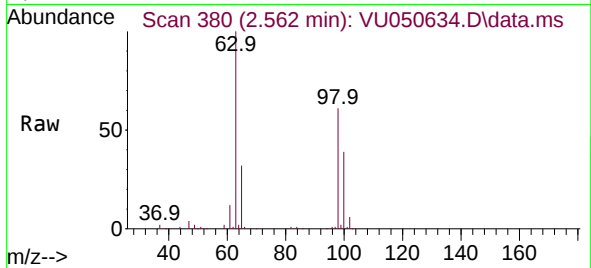




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.551 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050634.D
 Acq: 06 Sep 2022 15:15

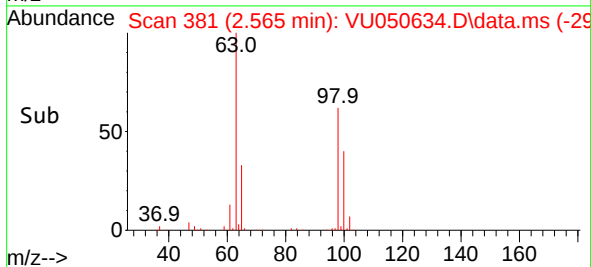
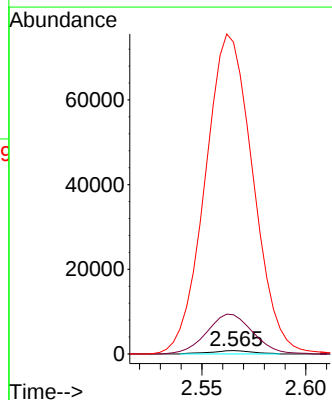
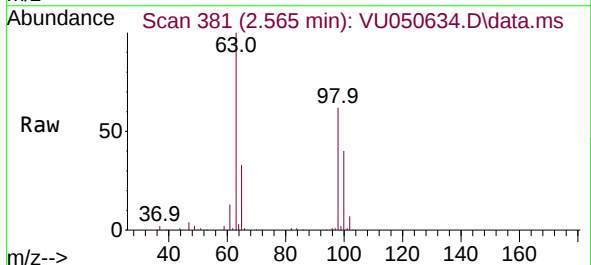
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

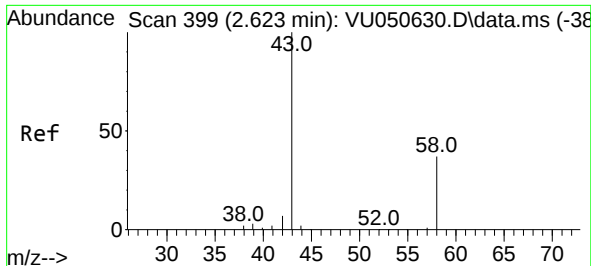
Tgt Ion:101 Resp: 1082
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.585 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050634.D
 Acq: 06 Sep 2022 15:15

Tgt Ion: 96 Resp: 1117
 Ion Ratio Lower Upper
 96 100
 61 1165.6 118.0 219.1#
 63 9277.6 79.5 147.7#





#13

Acetone

Concen: 2.264 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU050634.D

Acq: 06 Sep 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

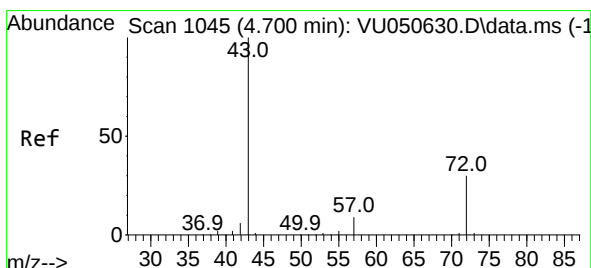
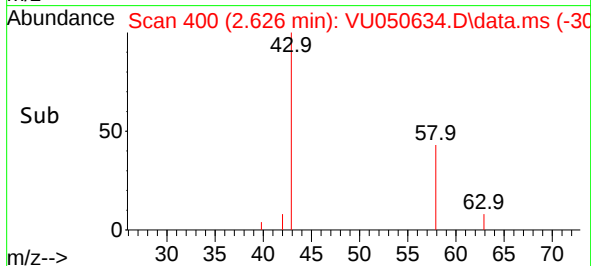
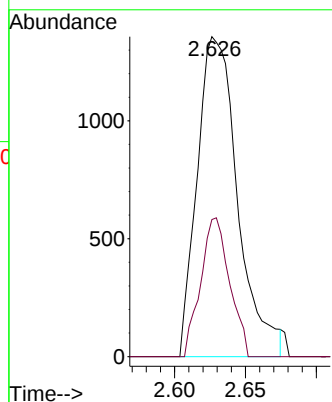
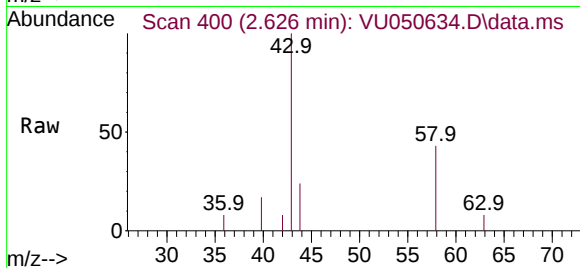
VHBLK001

Tgt Ion: 43 Resp: 2686

Ion Ratio Lower Upper

43 100

58 31.1 0.0 76.2



#22

2-Butanone

Concen: 1.992 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU050634.D

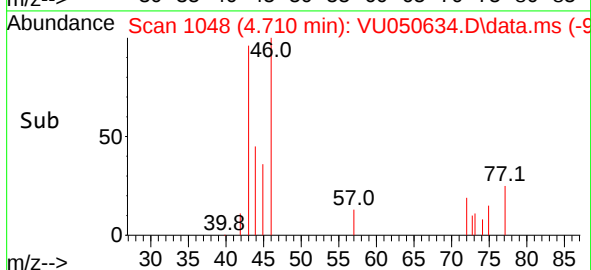
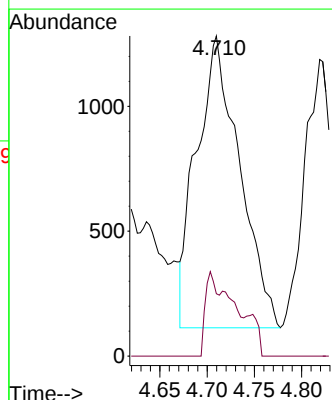
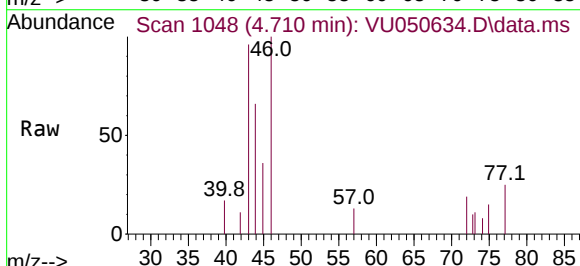
Acq: 06 Sep 2022 15:15

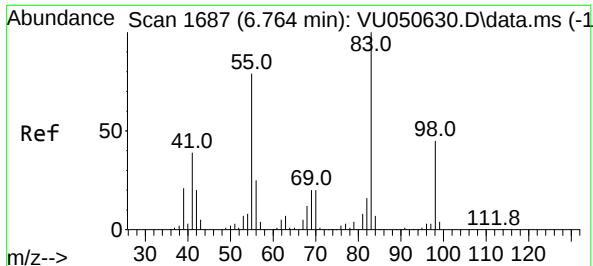
Tgt Ion: 43 Resp: 3695

Ion Ratio Lower Upper

43 100

72 8.4 14.6 44.0#





#35

Methylcyclohexane

Concen: 9.312 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050634.D

Acq: 06 Sep 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

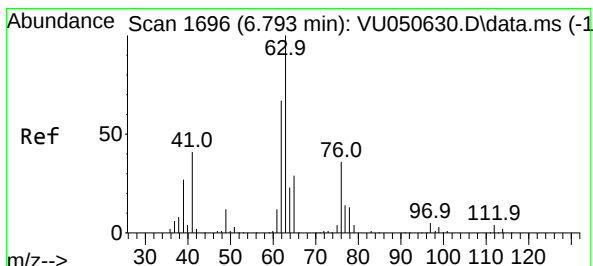
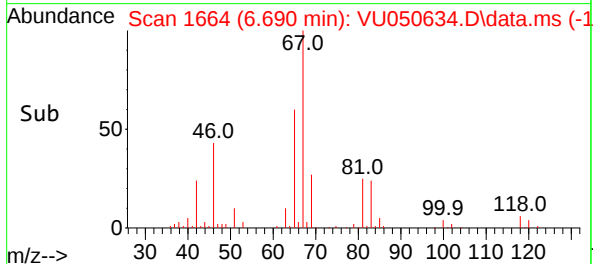
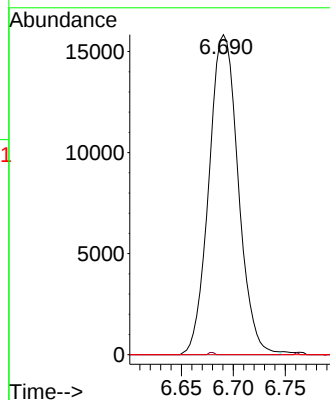
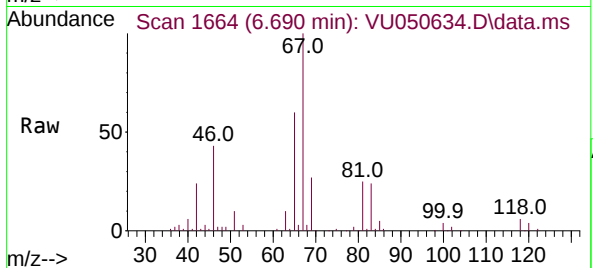
Tgt Ion: 83 Resp: 31090

Ion Ratio Lower Upper

83 100

55 0.1 62.6 93.8#

98 0.3 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050634.D

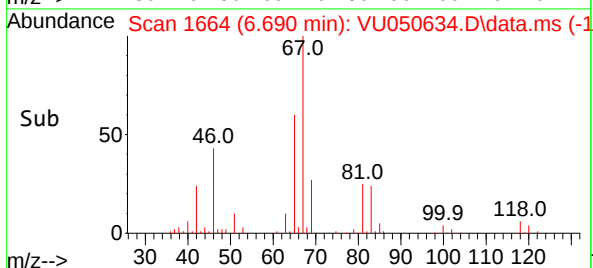
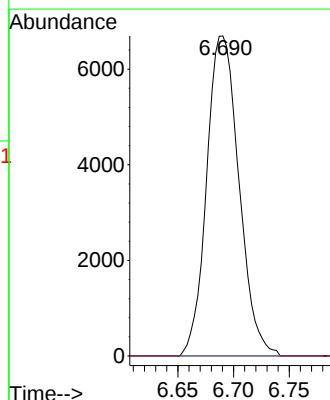
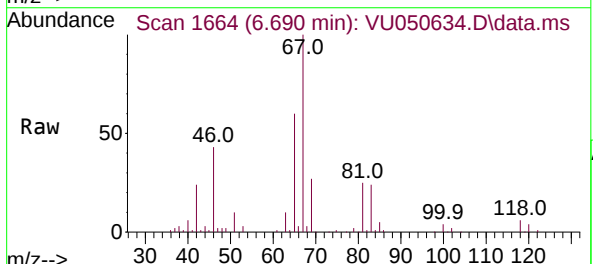
Acq: 06 Sep 2022 15:15

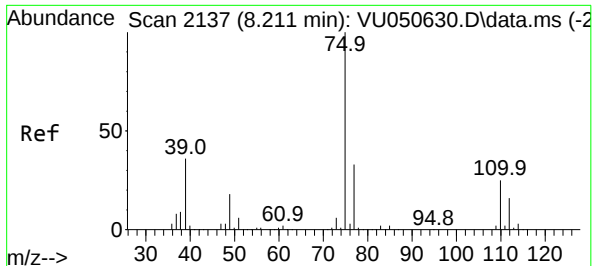
Tgt Ion: 63 Resp: 13504

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

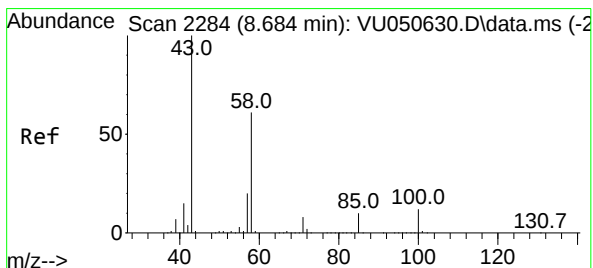
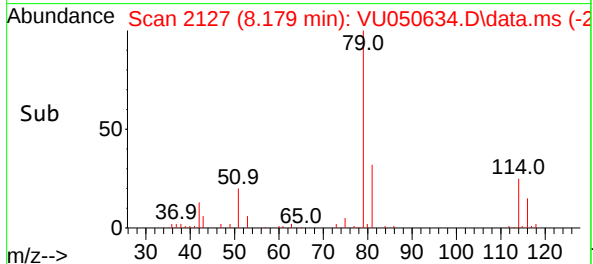
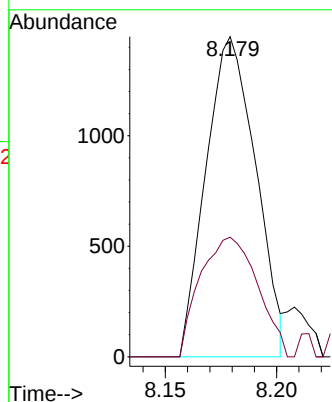
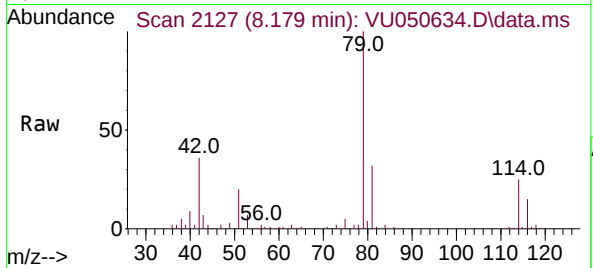




#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050634.D
Acq: 06 Sep 2022 15:15

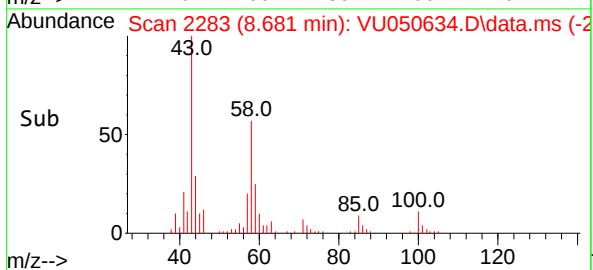
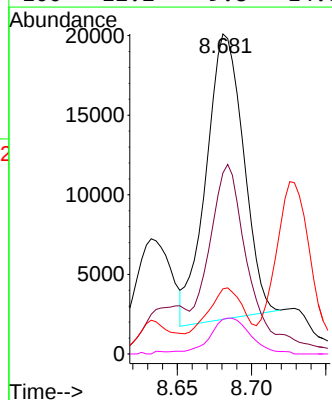
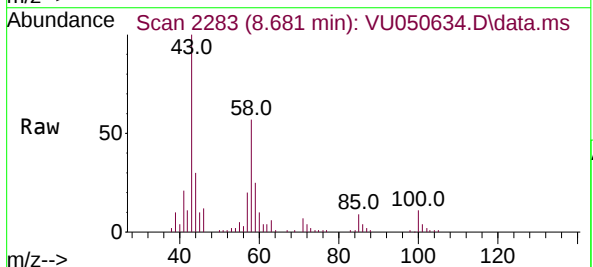
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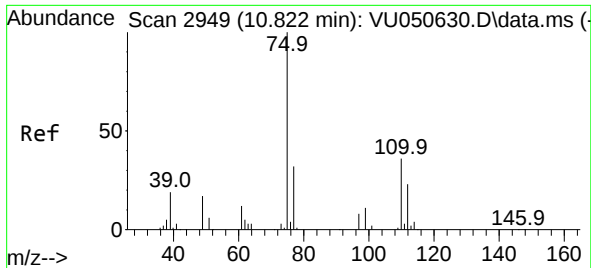
Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
77 37.4 22.1 41.1



#48
2-Hexanone
Concen: 10.358 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VU050634.D
Acq: 06 Sep 2022 15:15

Tgt Ion: 43 Resp: 31361
Ion Ratio Lower Upper
43 100
58 57.0 51.8 77.6
57 24.2 17.0 25.4
100 12.2 9.8 14.8





#60
 1,2,3-Trichloropropane
 Concen: 4.083 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050634.D
 Acq: 06 Sep 2022 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75	Resp:	11598
Ion	Ratio	Lower Upper
75	100	
77	34.9	25.8 38.8
110	2.8	29.3 43.9#

