

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048462.D
 Acq On : 06 May 2022 18:05
 Operator : SY/MD
 Sample : N2638-09ME
 Misc : 4.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL04ME

Quant Time: May 07 04:10:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

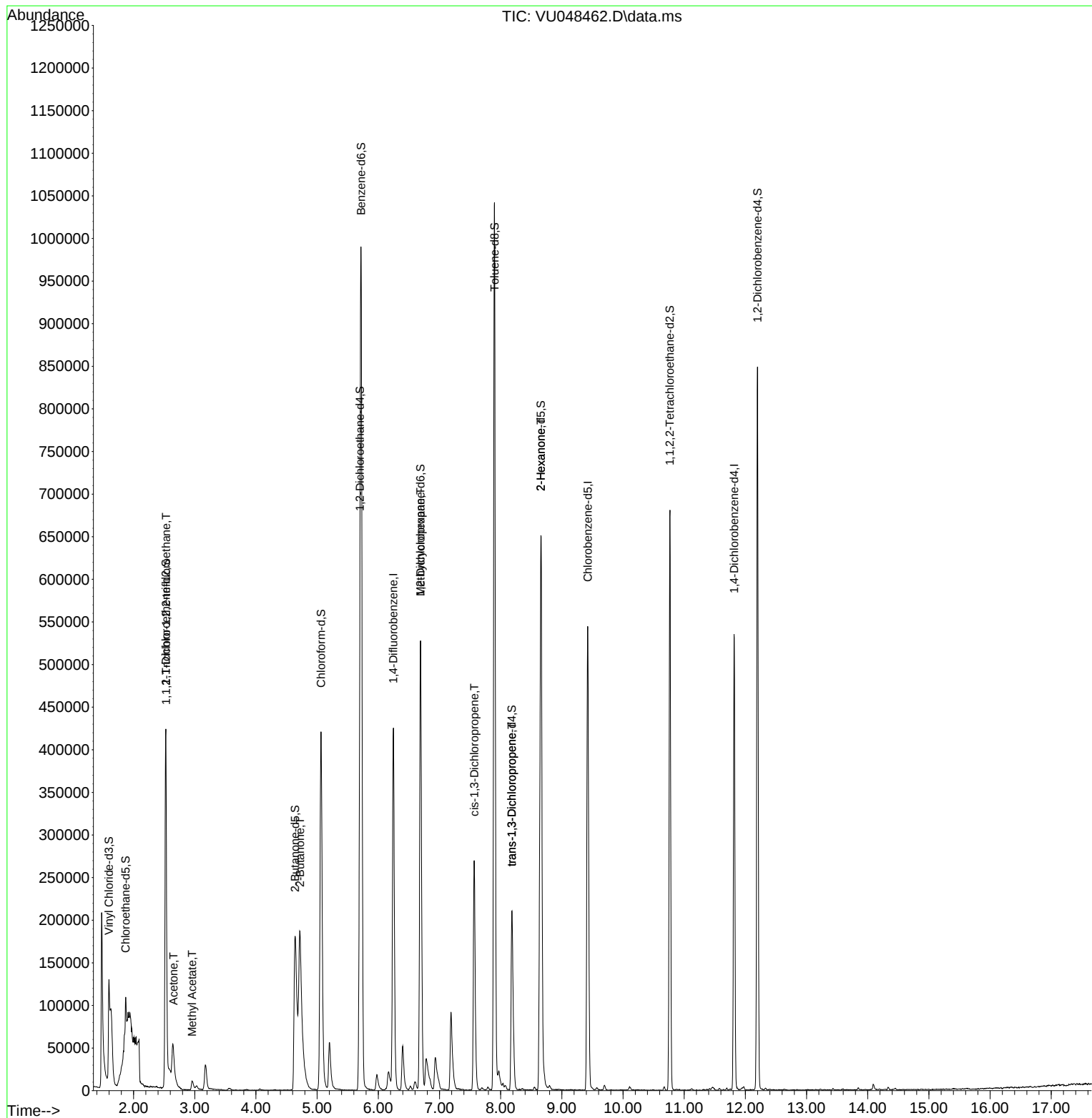
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	368083	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	360669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	140342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	131142	41.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.740%		
7) Chloroethane-d5	1.871	69	50107	24.220	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.440%#		
11) 1,1-Dichloroethene-d2	2.527	63	301197	53.387	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.780%		
21) 2-Butanone-d5	4.639	46	436740	161.774	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	161.770%#		
24) Chloroform-d	5.063	84	404287	73.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	146.860%#		
26) 1,2-Dichloroethane-d4	5.700	65	280040	78.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	156.480%#		
32) Benzene-d6	5.719	84	842163	76.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	153.680%#		
36) 1,2-Dichloropropane-d6	6.690	67	282518	79.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	158.100%#		
41) Toluene-d8	7.899	98	748889	77.259	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	154.520%#		
43) trans-1,3-Dichloroprop...	8.182	79	127097	77.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	154.520%#		
47) 2-Hexanone-d5	8.658	63	306230	177.026	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	177.030%#		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	338384	62.156	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	124.320%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	219652	79.040	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	158.080%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	2761	1.012	ug/L #	19
13) Acetone	2.652	43	47448	23.312	ug/L	98
15) Methyl Acetate	2.957	43	17101	4.101	ug/L #	72
22) 2-Butanone	4.719	43	375489	123.414	ug/L	96
35) Methylcyclohexane	6.690	83	64447	13.233	ug/L #	18
39) cis-1,3-Dichloropropene	7.568	75	7162	1.453	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	5788	1.208	ug/L #	78
48) 2-Hexanone	8.658	43	39475	8.553	ug/L #	74

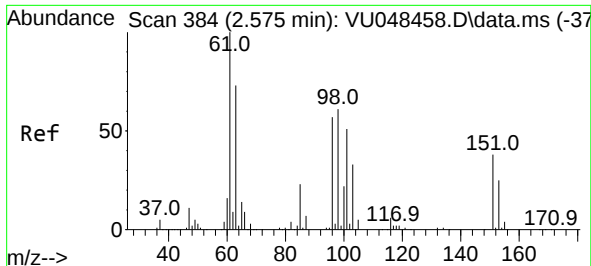
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 06 23:43:33 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.012 ug/L

RT: 2.530 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU048462.D

Acq: 06 May 2022 18:05

Instrument :

MSVOA_U

ClientSampleId :

EXL04ME

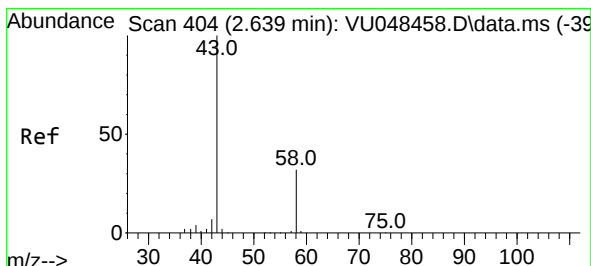
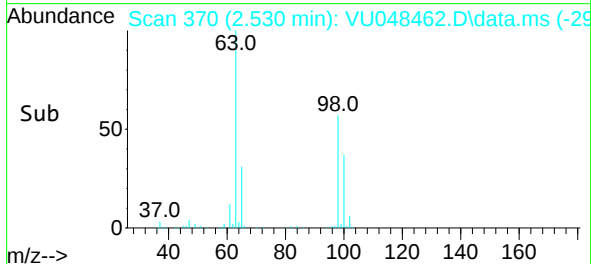
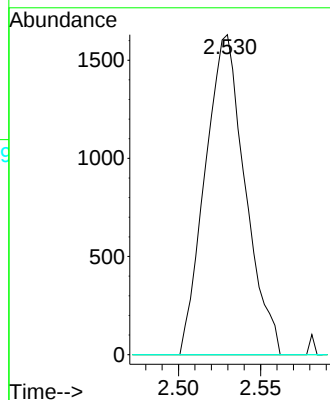
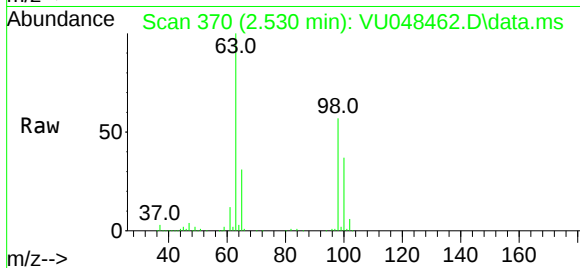
Tgt Ion:101 Resp: 2761

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.7 91.1#



#13

Acetone

Concen: 23.312 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.013 min

Lab File: VU048462.D

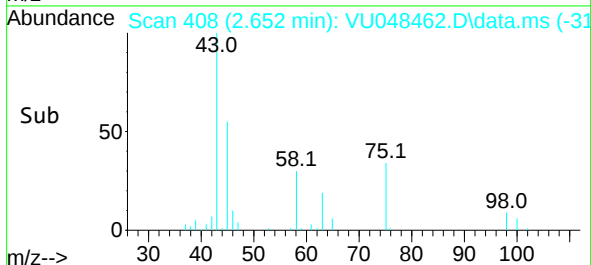
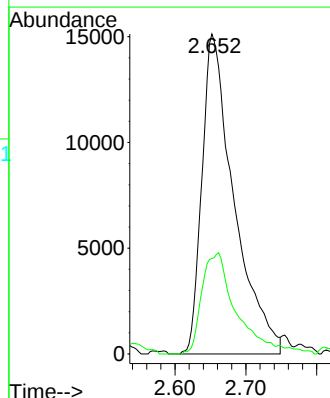
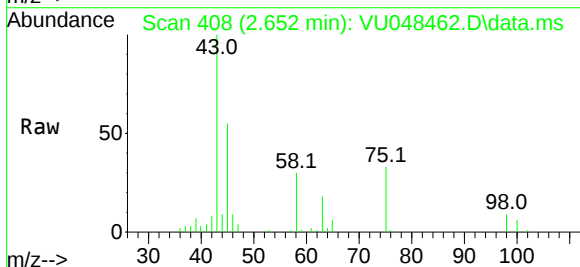
Acq: 06 May 2022 18:05

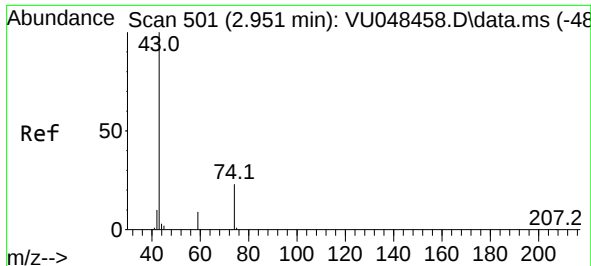
Tgt Ion: 43 Resp: 47448

Ion Ratio Lower Upper

43 100

58 32.1 0.0 66.2

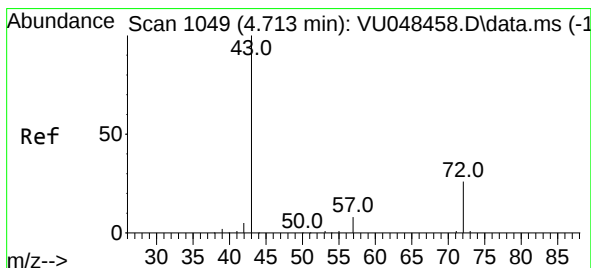
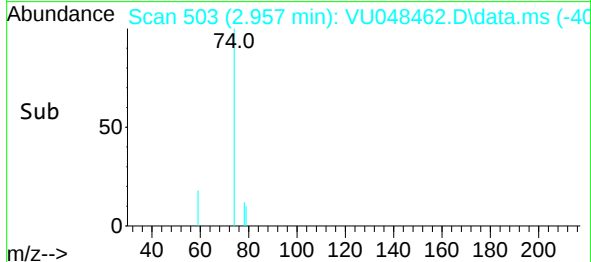
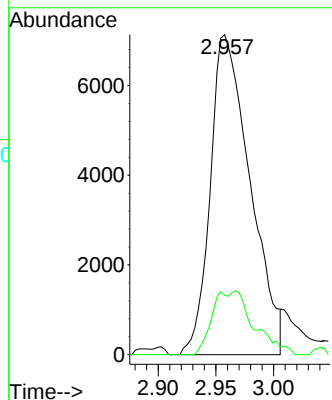
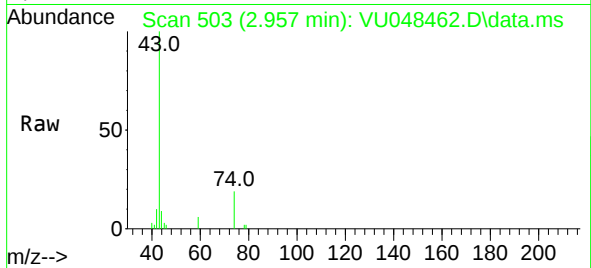




#15
Methyl Acetate
Concen: 4.101 ug/L
RT: 2.957 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU048462.D
Acq: 06 May 2022 18:05

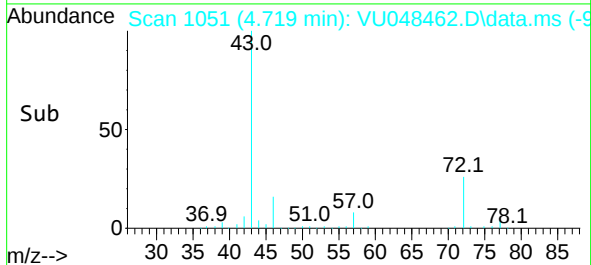
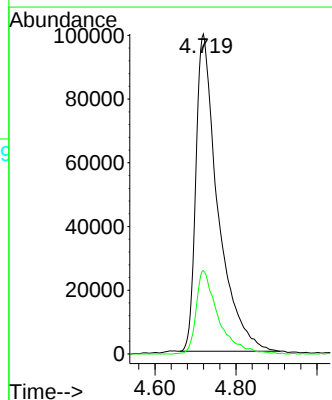
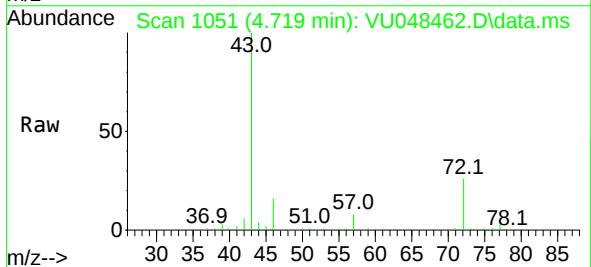
Instrument :
MSVOA_U
ClientSampleId :
EXL04ME

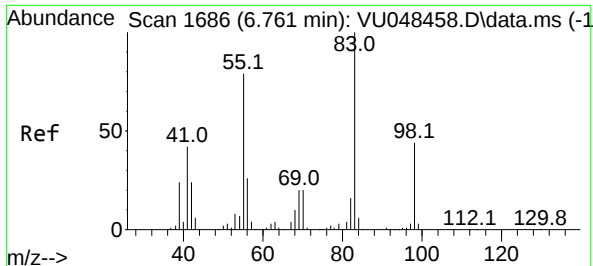
Tgt Ion: 43 Resp: 17101
Ion Ratio Lower Upper
43 100
74 8.7 17.6 26.4#



#22
2-Butanone
Concen: 123.414 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU048462.D
Acq: 06 May 2022 18:05

Tgt Ion: 43 Resp: 375489
Ion Ratio Lower Upper
43 100
72 24.4 13.3 39.9





#35

Methylcyclohexane

Concen: 13.233 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU048462.D

Acq: 06 May 2022 18:05

Instrument :

MSVOA_U

ClientSampleId :

EXL04ME

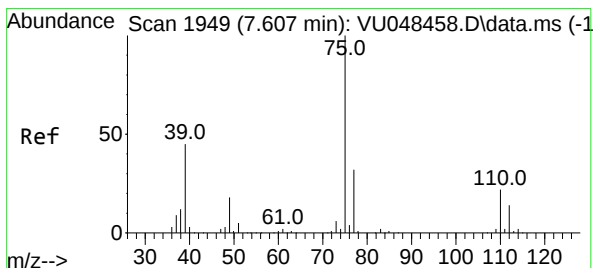
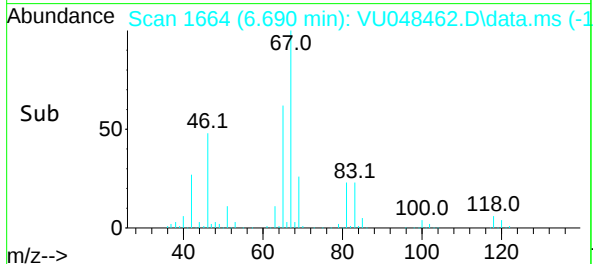
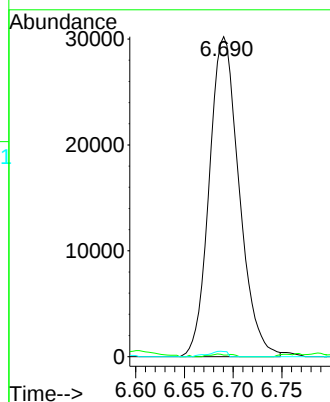
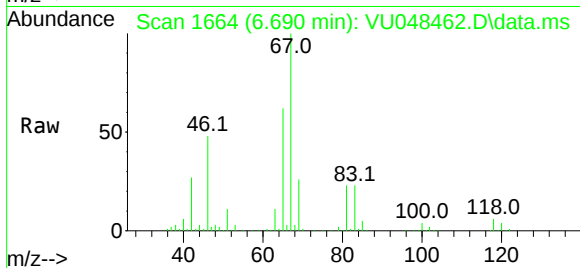
Tgt Ion: 83 Resp: 64447

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

98 0.4 35.9 53.9#



#39

cis-1,3-Dichloropropene

Concen: 1.453 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048462.D

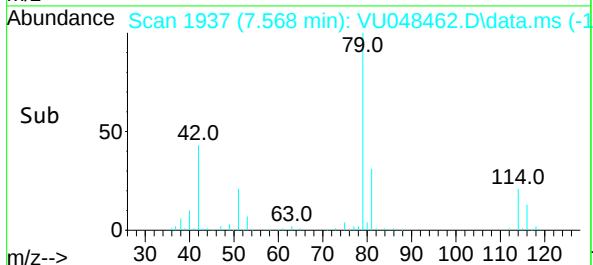
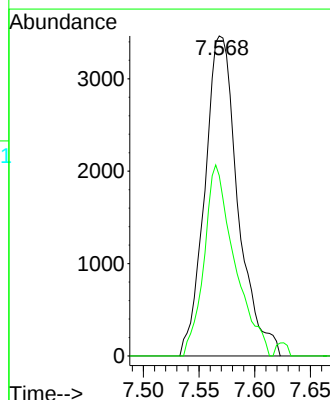
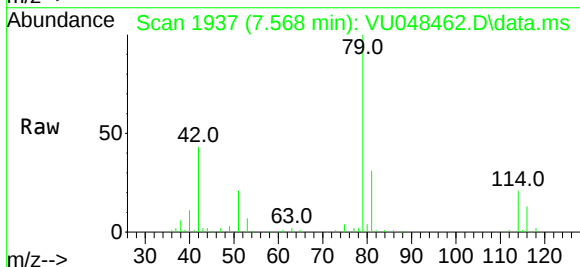
Acq: 06 May 2022 18:05

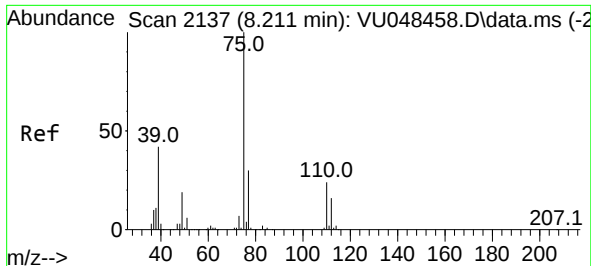
Tgt Ion: 75 Resp: 7162

Ion Ratio Lower Upper

75 100

77 56.4 22.5 41.9#

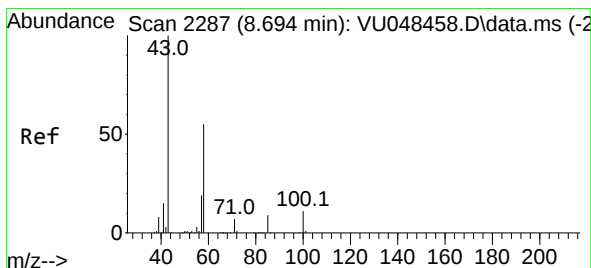
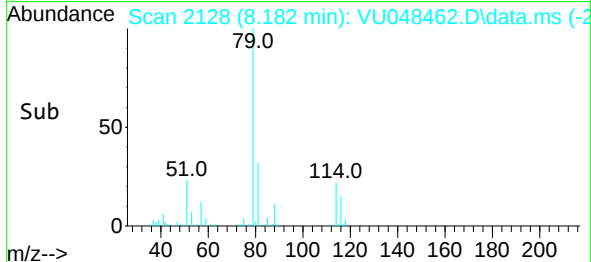
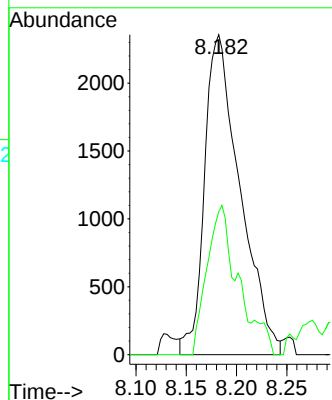
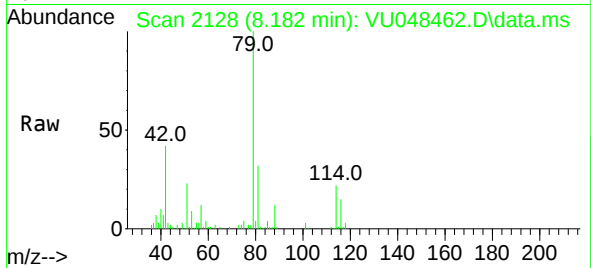




#44
trans-1,3-Dichloropropene
Concen: 1.208 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048462.D
Acq: 06 May 2022 18:05

Instrument :
MSVOA_U
ClientSampleId :
EXL04ME

Tgt Ion: 75 Resp: 5788
Ion Ratio Lower Upper
75 100
77 44.7 22.6 42.0#



#48
2-Hexanone
Concen: 8.553 ug/L
RT: 8.658 min Scan# 2276
Delta R.T. -0.035 min
Lab File: VU048462.D
Acq: 06 May 2022 18:05

Tgt Ion: 43 Resp: 39475
Ion Ratio Lower Upper
43 100
58 32.7 44.3 66.5#
57 24.5 15.7 23.5#
100 0.1 9.0 13.4#

