

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050672.D
 Acq On : 07 Sep 2022 19:50
 Operator : SY/MD
 Sample : N4482-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW349

Quant Time: Sep 08 05:44:54 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)

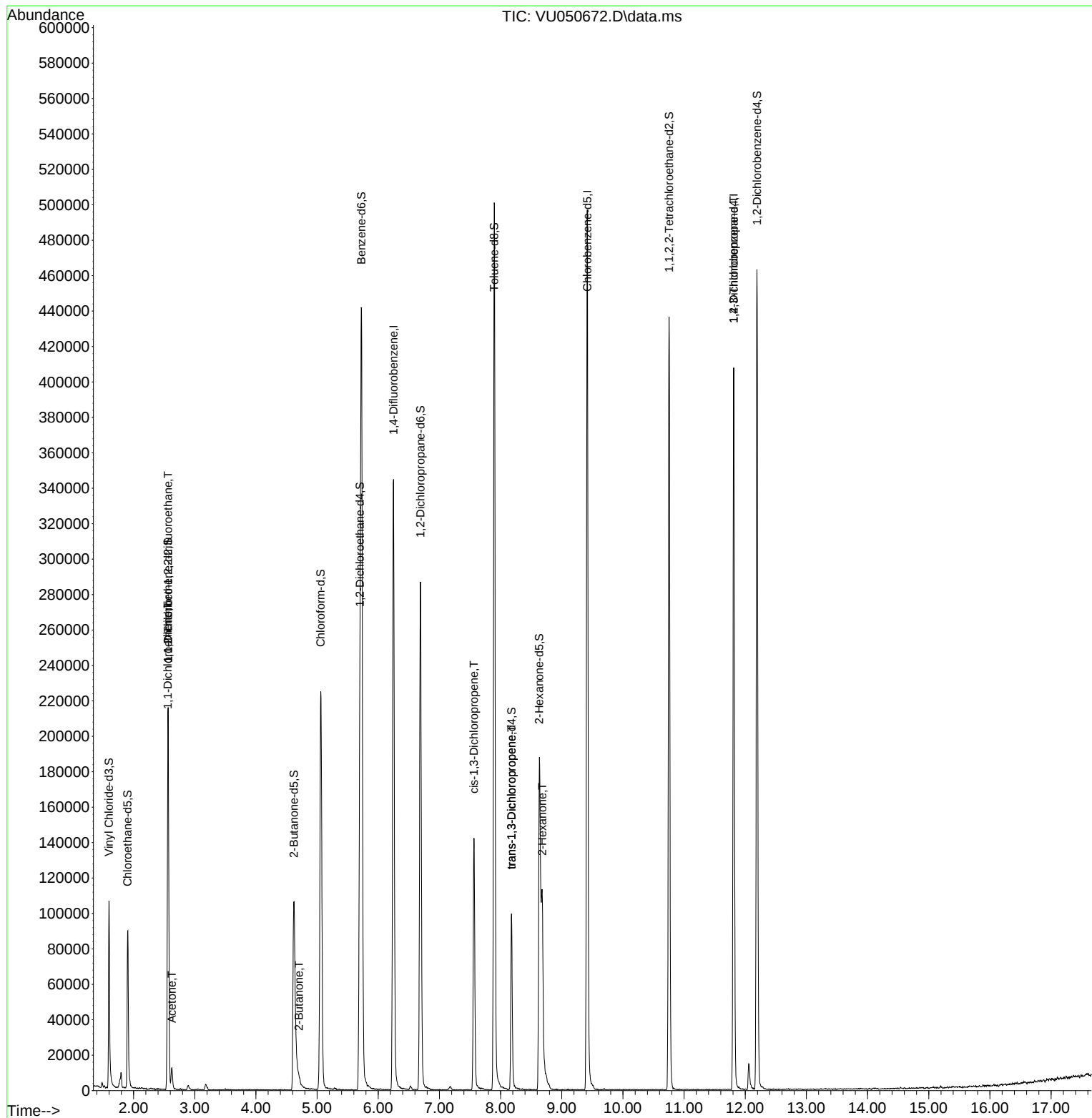
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	292542	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	295289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115484	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85352	34.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.220%		
7) Chloroethane-d5	1.903	69	70467	41.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.300%		
11) 1,1-Dichloroethene-d2	2.565	63	127273	28.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.560%#		
21) 2-Butanone-d5	4.620	46	150815	82.384	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.380%		
24) Chloroform-d	5.060	84	220209	46.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.880%		
26) 1,2-Dichloroethane-d4	5.700	65	146576	50.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
32) Benzene-d6	5.726	84	424660	43.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
36) 1,2-Dichloropropane-d6	6.690	67	143295	44.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.460%		
41) Toluene-d8	7.896	98	349878	41.927	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.860%		
43) trans-1,3-Dichloroprop...	8.179	79	59933	45.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.420%		
47) 2-Hexanone-d5	8.632	63	54875	68.092	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.090%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	222428	45.877	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	128662	47.593	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1147	0.502	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1037	0.467	ug/L #	1
13) Acetone	2.626	43	13451	9.740	ug/L	95
22) 2-Butanone	4.703	43	2250	1.042	ug/L	90
39) cis-1,3-Dichloropropene	7.565	75	3595	0.936	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	2515	0.698	ug/L	95
48) 2-Hexanone	8.684	43	56317	15.600	ug/L	90
60) 1,2,3-Trichloropropane	11.812	75	12239	3.612	ug/L #	67

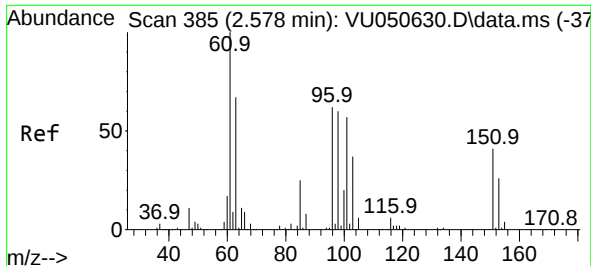
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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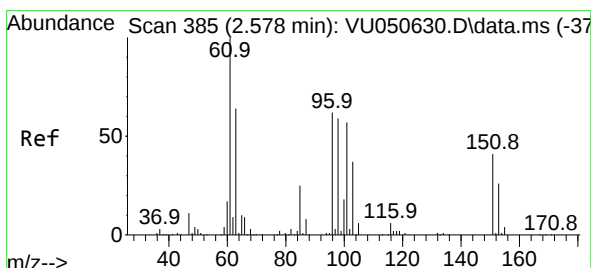
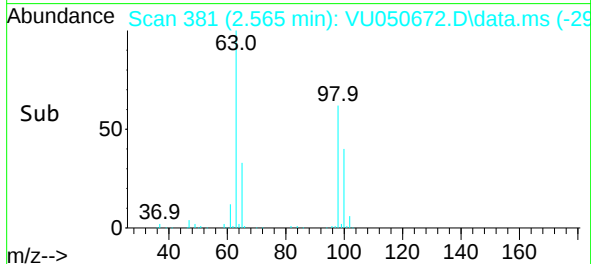
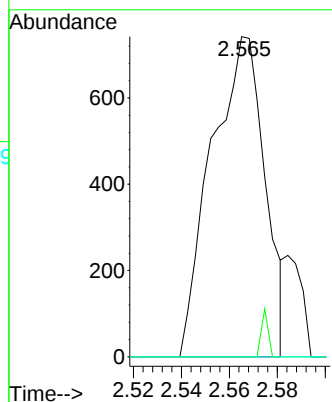
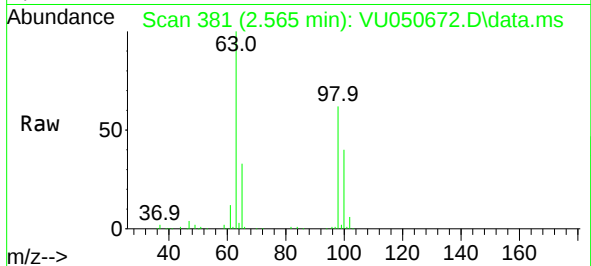




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.502 ug/L
 RT: 2.565 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VU050672.D
 Acq: 07 Sep 2022 19:50

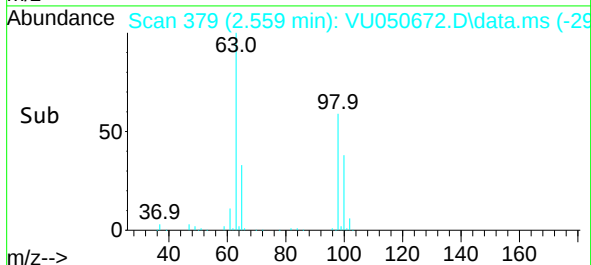
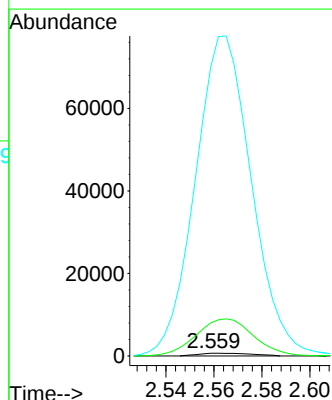
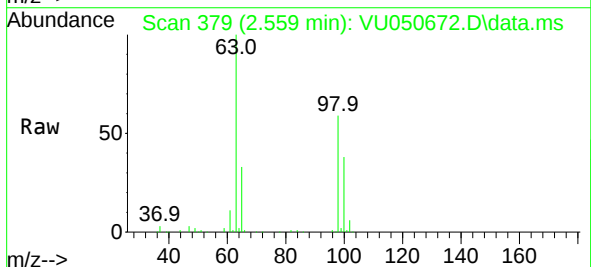
Instrument :
 MSVOA_U
 ClientSampleId :
 EW349

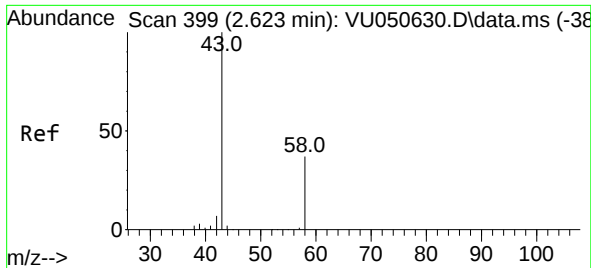
Tgt Ion:101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.467 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU050672.D
 Acq: 07 Sep 2022 19:50

Tgt Ion: 96 Resp: 1037
 Ion Ratio Lower Upper
 96 100
 61 1216.2 118.0 219.1#
 63 10599.7 79.5 147.7#





#13

Acetone

Concen: 9.740 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU050672.D

Acq: 07 Sep 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

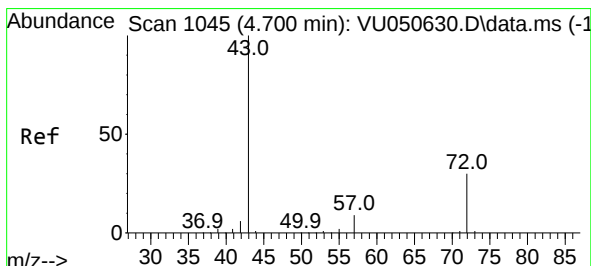
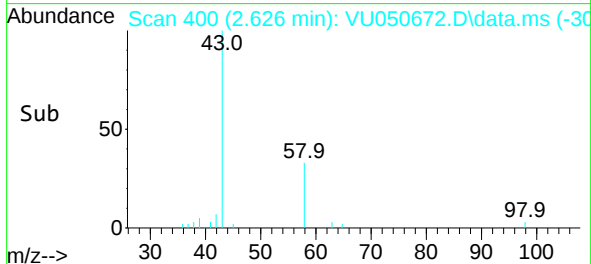
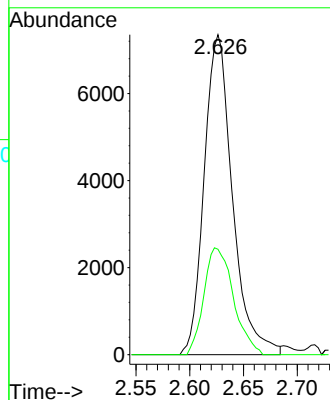
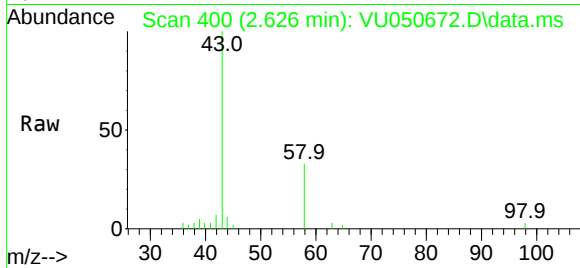
EW349

Tgt Ion: 43 Resp: 13451

Ion Ratio Lower Upper

43 100

58 34.8 0.0 76.2



#22

2-Butanone

Concen: 1.042 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU050672.D

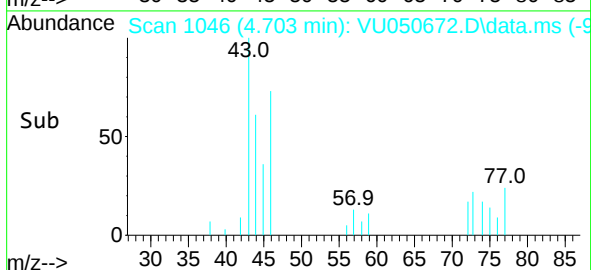
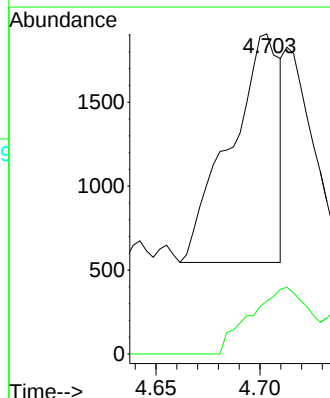
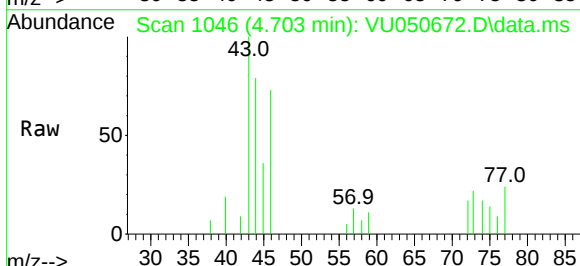
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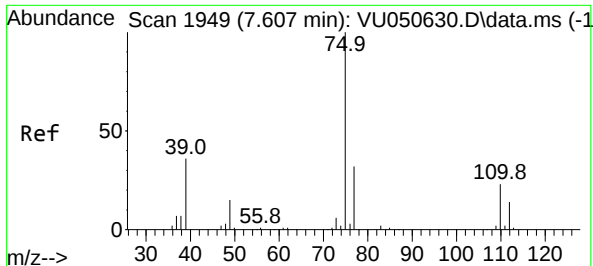
Tgt Ion: 43 Resp: 2250

Ion Ratio Lower Upper

43 100

72 34.4 14.6 44.0





#39

cis-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050672.D

Acq: 07 Sep 2022 19:50

Instrument :

MSVOA_U

ClientSampleId :

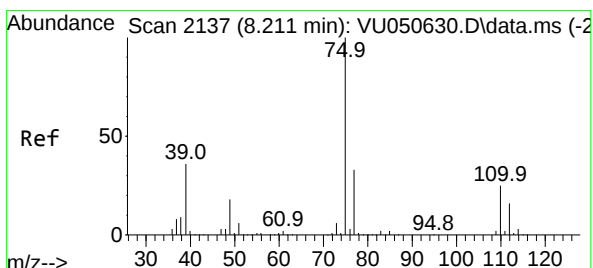
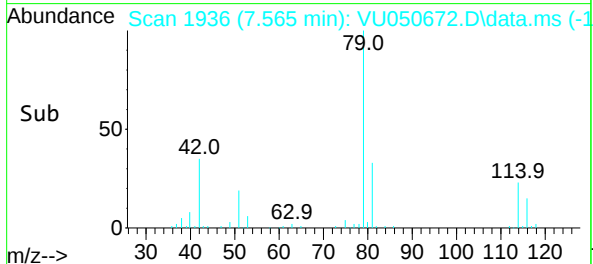
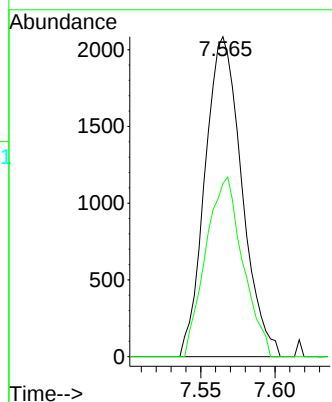
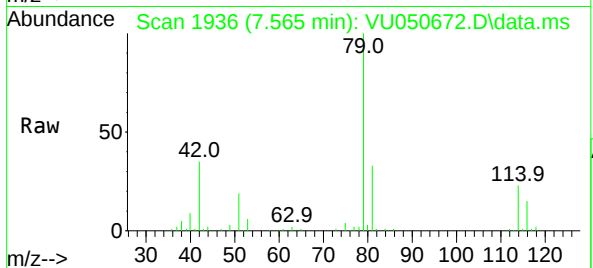
EW349

Tgt Ion: 75 Resp: 3595

Ion Ratio Lower Upper

75 100

77 54.1 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050672.D

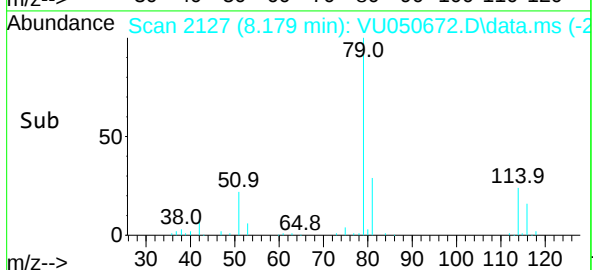
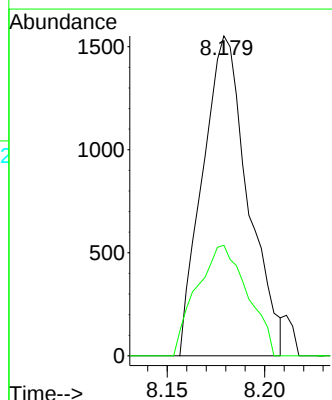
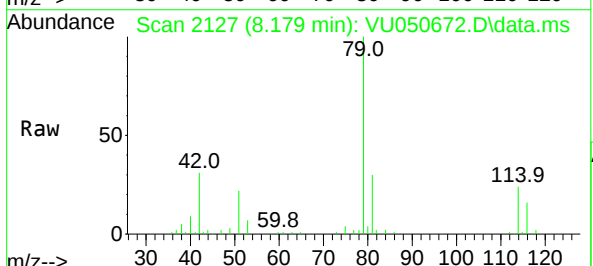
Acq: 07 Sep 2022 19:50

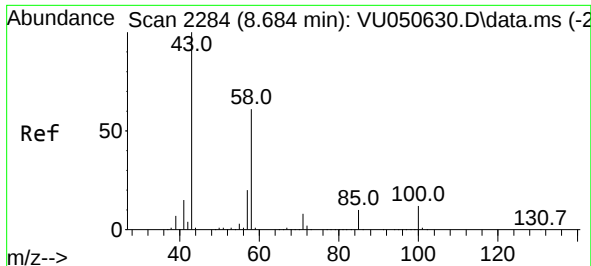
Tgt Ion: 75 Resp: 2515

Ion Ratio Lower Upper

75 100

77 34.6 22.1 41.1

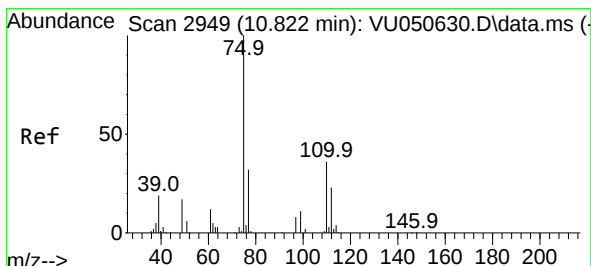
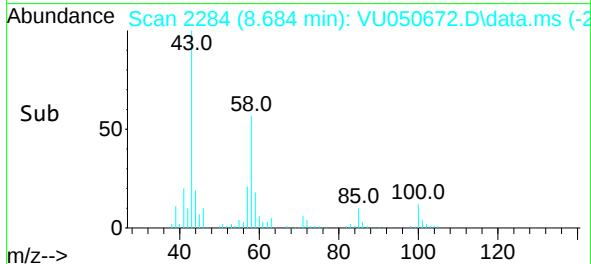
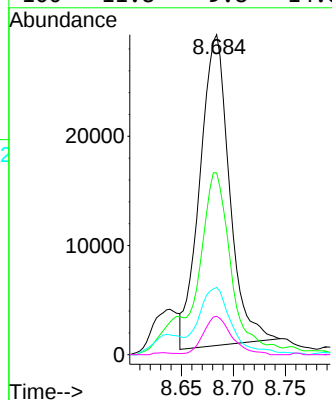
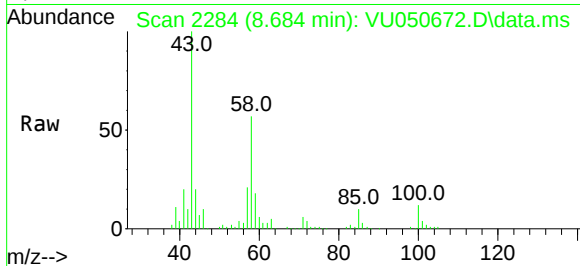




#48
2-Hexanone
Concen: 15.600 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050672.D
Acq: 07 Sep 2022 19:50

Instrument :
MSVOA_U
ClientSampleId :
EW349

Tgt Ion: 43	Resp: 56317
Ion Ratio	Lower Upper
43 100	
58 53.0	51.8 77.6
57 22.2	17.0 25.4
100 11.8	9.8 14.8



#60
1,2,3-Trichloropropane
Concen: 3.612 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050672.D
Acq: 07 Sep 2022 19:50

Tgt Ion: 75	Resp: 12239
Ion Ratio	Lower Upper
75 100	
77 34.8	25.8 38.8
110 2.4	29.3 43.9#

