

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050636.D
 Acq On : 06 Sep 2022 16:09
 Operator : SY/MD
 Sample : N4482-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW347

Quant Time: Sep 07 01:39:45 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)

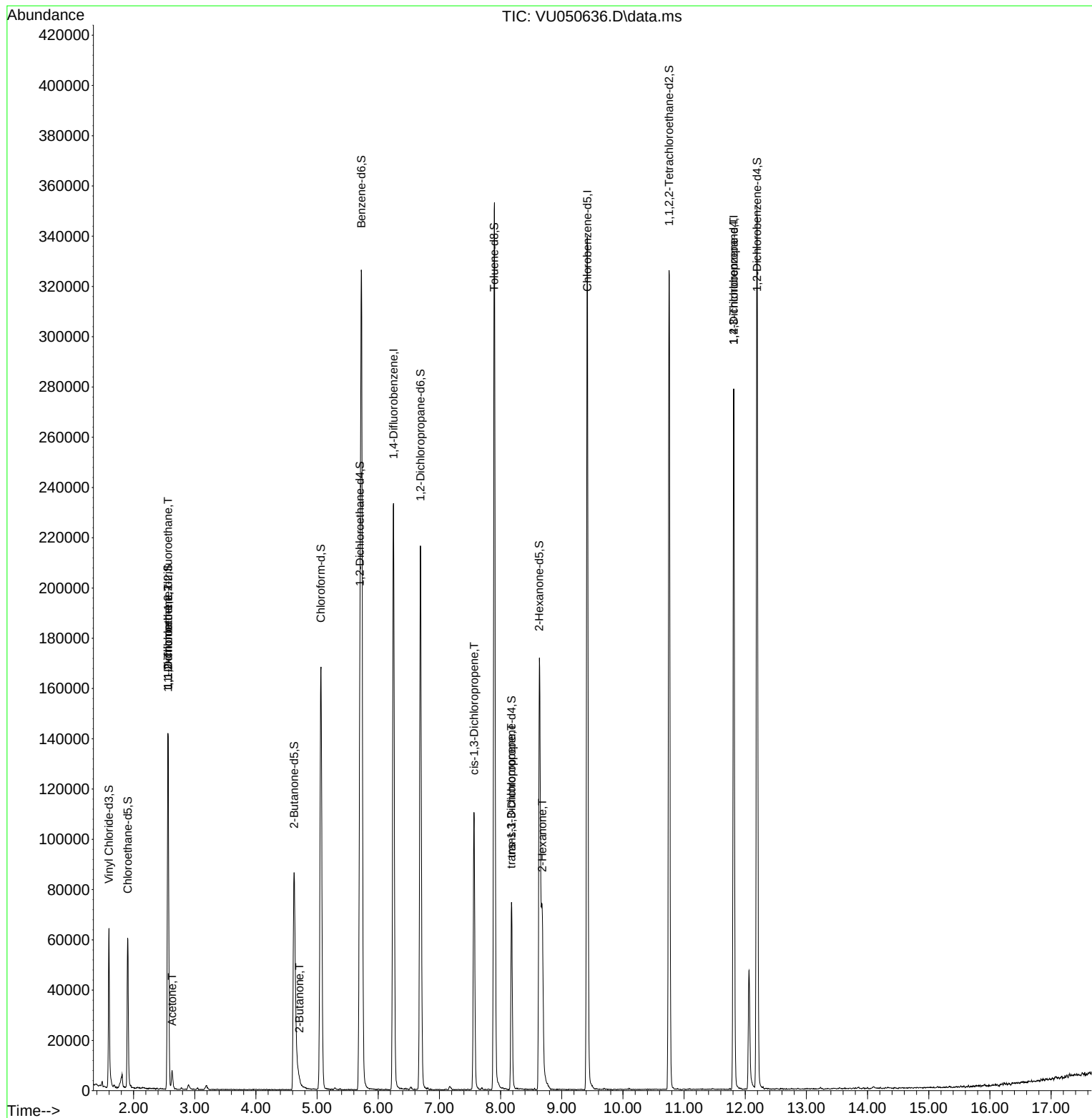
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	194184	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195228	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75290	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50182	30.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.420%
7) Chloroethane-d5	1.903	69	46130	41.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.140%
11) 1,1-Dichloroethene-d2	2.562	63	82413	28.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.160%#
21) 2-Butanone-d5	4.623	46	124257	102.257	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.260%
24) Chloroform-d	5.063	84	161431	51.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	5.700	65	108149	56.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.440%
32) Benzene-d6	5.726	84	300210	46.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
36) 1,2-Dichloropropane-d6	6.690	67	103947	49.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.896	98	244175	44.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	8.179	79	44388	50.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.300%
47) 2-Hexanone-d5	8.632	63	51934	97.472	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.470%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	163373	50.967	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	95126	53.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.940%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	894	0.589	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	573	0.389	ug/L #	1
13) Acetone	2.629	43	8385	9.148	ug/L	96
22) 2-Butanone	4.710	43	2905	2.026	ug/L #	66
39) cis-1,3-Dichloropropene	7.568	75	2689	1.059	ug/L #	59
44) trans-1,3-Dichloropropene	8.176	75	1961	0.823	ug/L	83
48) 2-Hexanone	8.684	43	35286	14.784	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	8455	3.827	ug/L #	67

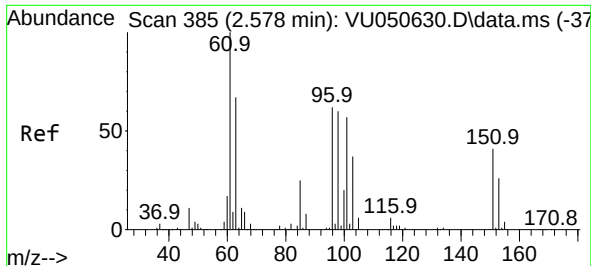
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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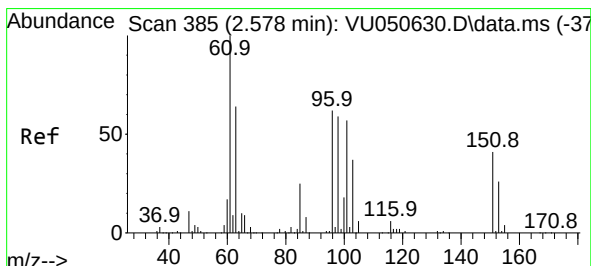
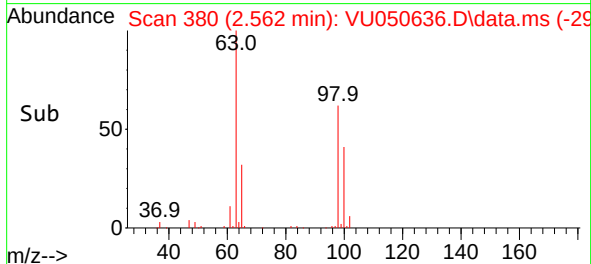
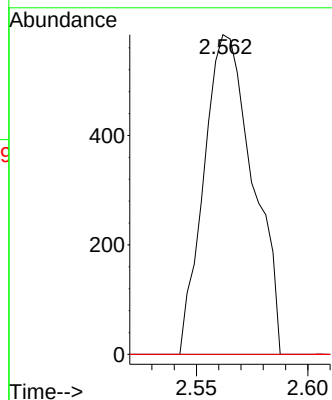
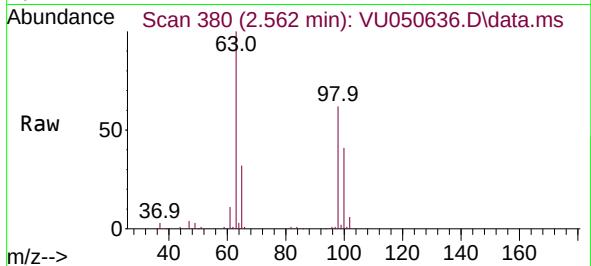




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.589 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050636.D
 Acq: 06 Sep 2022 16:09

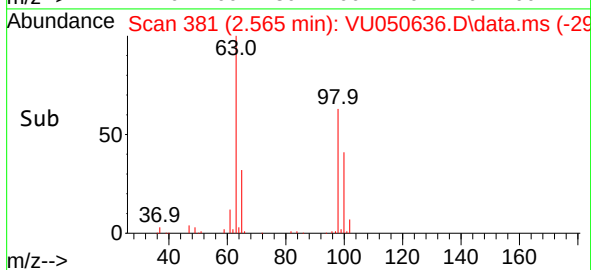
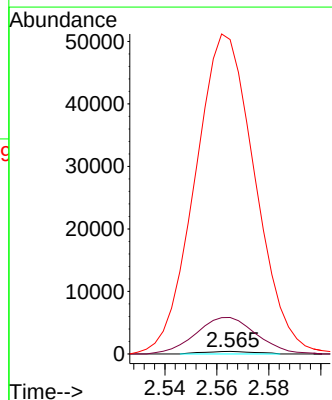
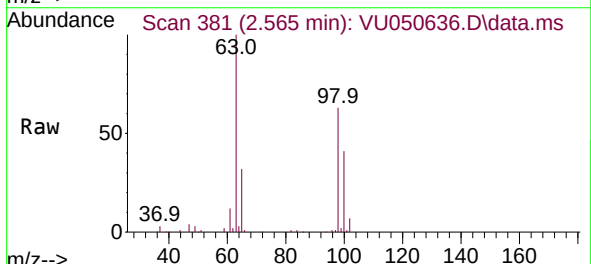
Instrument :
 MSVOA_U
 ClientSampleId :
 EW347

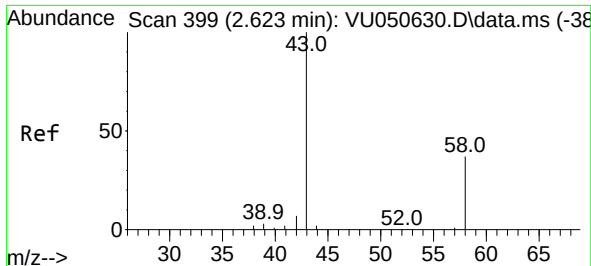
Tgt Ion:101 Resp: 894
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.389 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050636.D
 Acq: 06 Sep 2022 16:09

Tgt Ion: 96 Resp: 573
 Ion Ratio Lower Upper
 96 100
 61 1431.7 118.0 219.1#
 63 12359.7 79.5 147.7#





#13

Acetone

Concen: 9.148 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU050636.D

Acq: 06 Sep 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

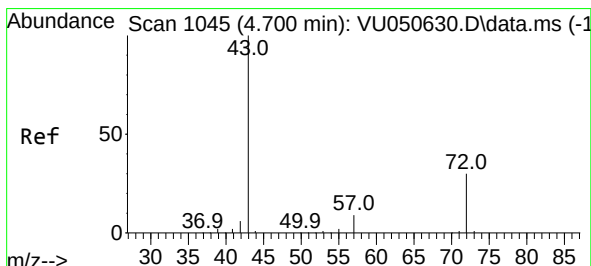
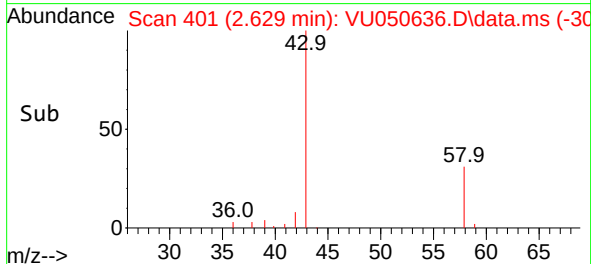
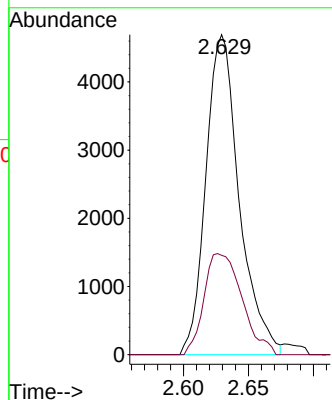
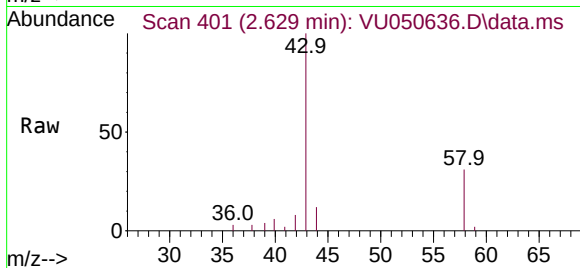
EW347

Tgt Ion: 43 Resp: 8385

Ion Ratio Lower Upper

43 100

58 35.9 0.0 76.2



#22

2-Butanone

Concen: 2.026 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU050636.D

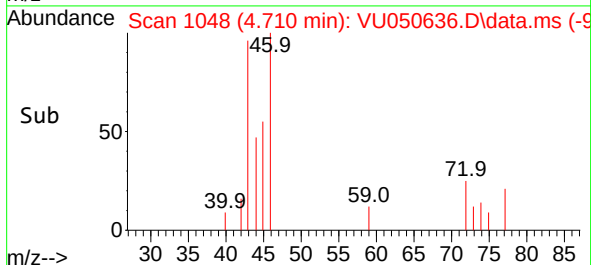
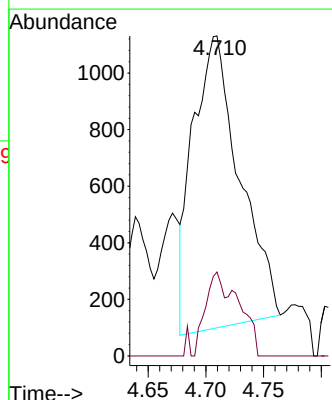
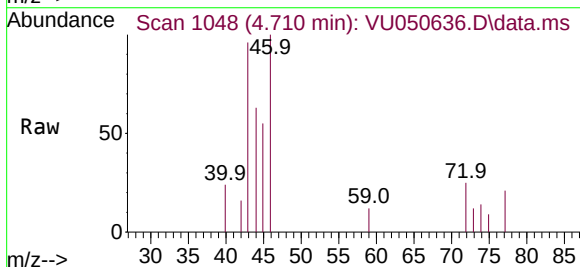
Acq: 06 Sep 2022 16:09

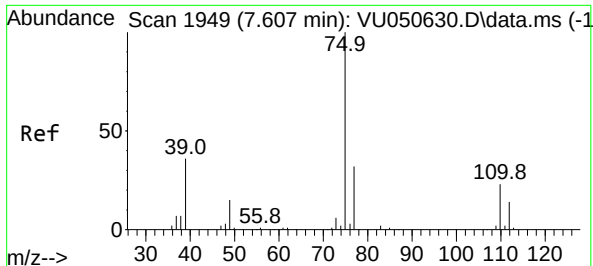
Tgt Ion: 43 Resp: 2905

Ion Ratio Lower Upper

43 100

72 11.2 14.6 44.0#





#39

cis-1,3-Dichloropropene

Concen: 1.059 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050636.D

Acq: 06 Sep 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

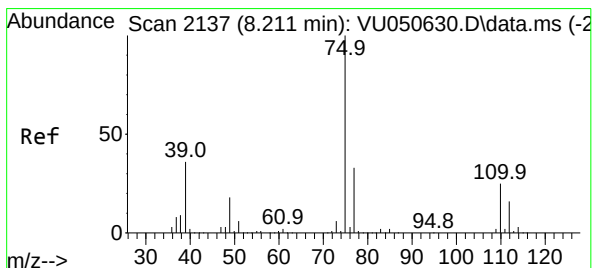
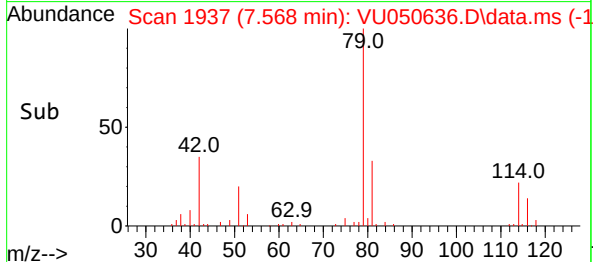
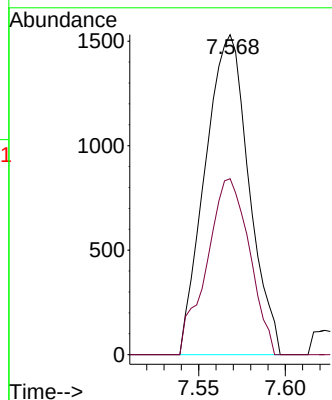
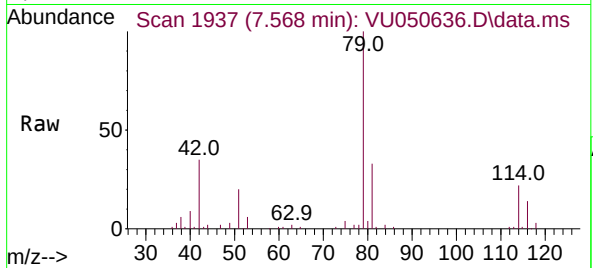
EW347

Tgt Ion: 75 Resp: 2689

Ion Ratio Lower Upper

75 100

77 55.0 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050636.D

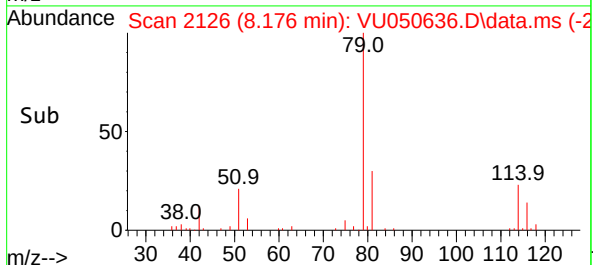
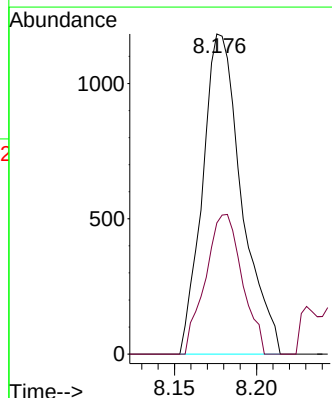
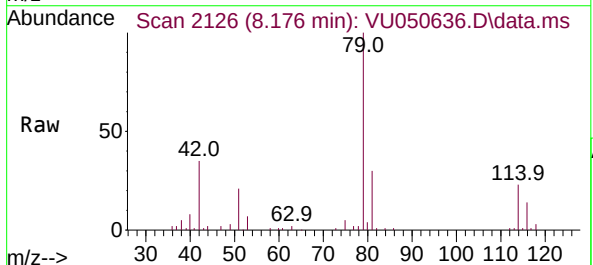
Acq: 06 Sep 2022 16:09

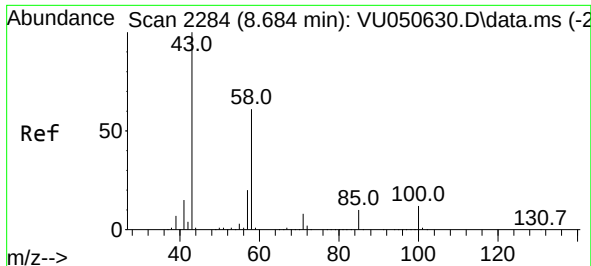
Tgt Ion: 75 Resp: 1961

Ion Ratio Lower Upper

75 100

77 41.0 22.1 41.1

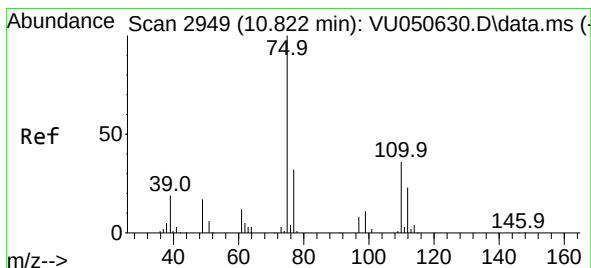
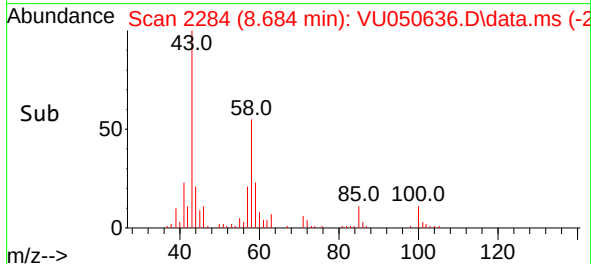
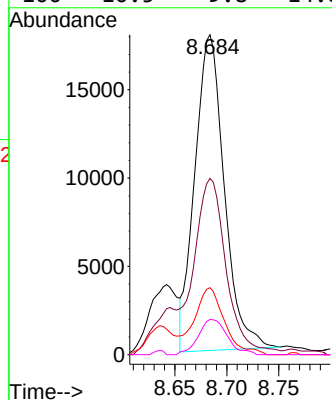
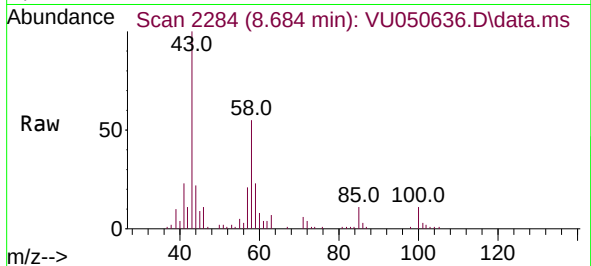




#48
2-Hexanone
Concen: 14.784 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050636.D
Acq: 06 Sep 2022 16:09

Instrument :
MSVOA_U
ClientSampleId :
EW347

Tgt Ion: 43	Resp: 35286
Ion Ratio	Lower Upper
43 100	
58 56.7	51.8 77.6
57 18.0	17.0 25.4
100 10.5	9.8 14.8



#60
1,2,3-Trichloropropane
Concen: 3.827 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050636.D
Acq: 06 Sep 2022 16:09

Tgt Ion: 75	Resp: 8455
Ion Ratio	Lower Upper
75 100	
77 36.0	25.8 38.8
110 2.7	29.3 43.9#

