

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050662.D
 Acq On : 07 Sep 2022 15:51
 Operator : SY/MD
 Sample : N4482-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW345

Quant Time: Sep 08 05:43:29 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)

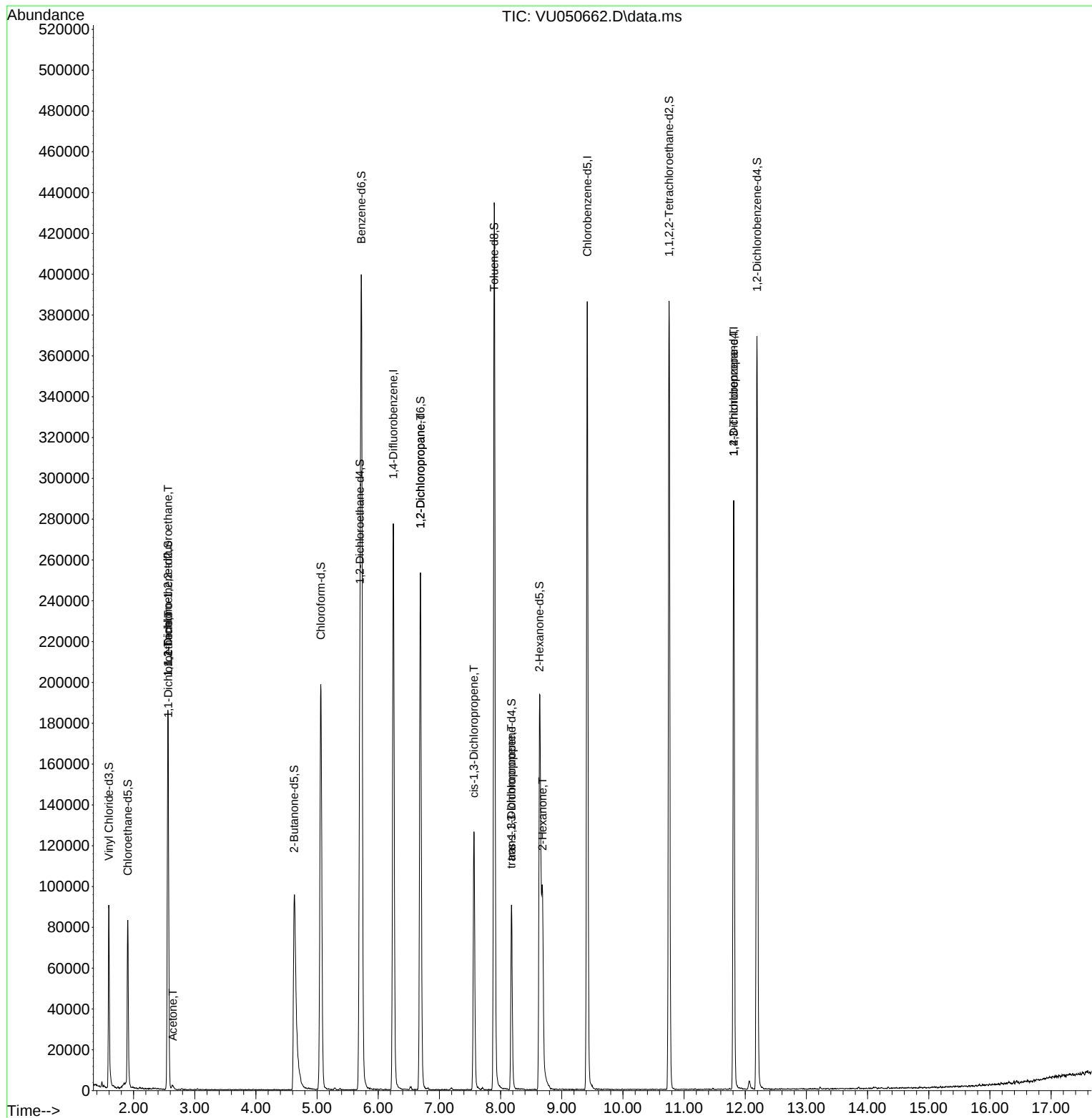
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227557	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227308	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	70809	36.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.760%		
7) Chloroethane-d5	1.906	69	58070	44.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.240%		
11) 1,1-Dichloroethene-d2	2.562	63	108943	31.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.340%		
21) 2-Butanone-d5	4.626	46	155013	108.859	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.860%		
24) Chloroform-d	5.060	84	190224	51.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.140%		
26) 1,2-Dichloroethane-d4	5.700	65	131930	58.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.060%		
32) Benzene-d6	5.726	84	370664	49.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.680%		
36) 1,2-Dichloropropane-d6	6.690	67	128617	52.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.300%		
41) Toluene-d8	7.896	98	300946	46.849	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.700%		
43) trans-1,3-Dichloroprop...	8.179	79	53522	52.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.900%		
47) 2-Hexanone-d5	8.636	63	57531	92.738	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.740%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	196723	52.710	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.420%		
66) 1,2-Dichlorobenzene-d4	12.192	152	100754	53.936	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1029	0.579	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	778	0.450	ug/L #	1
13) Acetone	2.642	43	2695	2.509	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12531	5.735	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	3055	1.033	ug/L	87
44) trans-1,3-Dichloropropene	8.176	75	2559	0.922	ug/L	98
48) 2-Hexanone	8.687	43	49750	17.902	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	8587	3.667	ug/L #	67

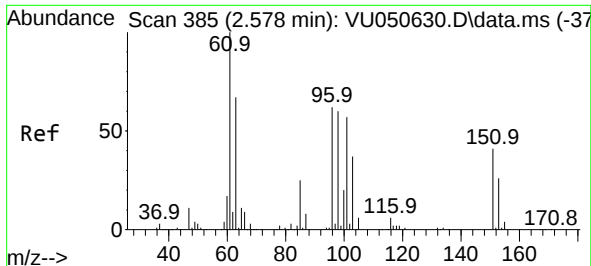
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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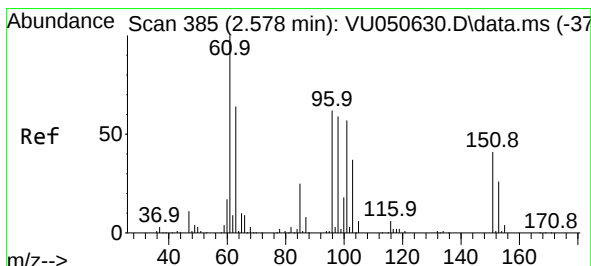
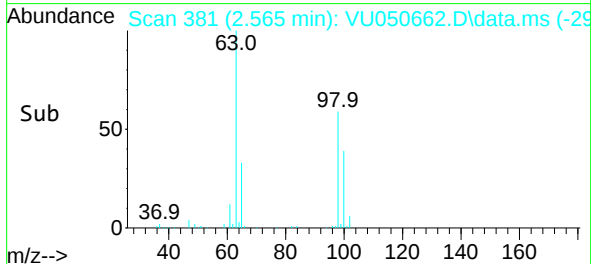
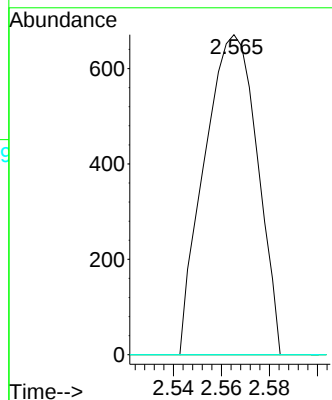
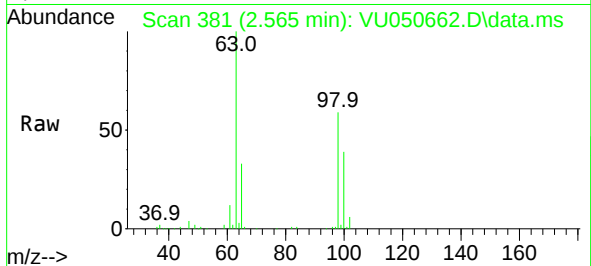




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.579 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050662.D
 Acq: 07 Sep 2022 15:51

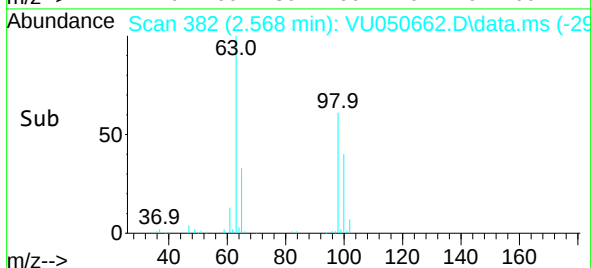
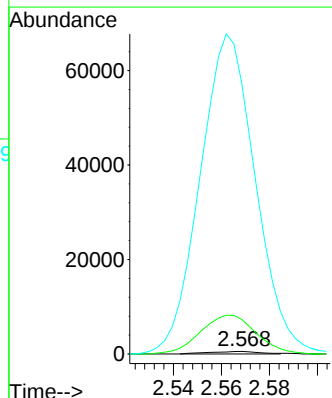
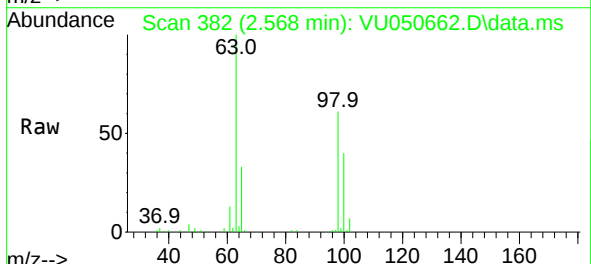
Instrument :
 MSVOA_U
 ClientSampleId :
 EW345

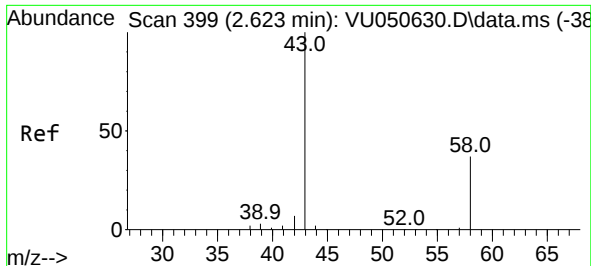
Tgt Ion:101 Resp: 1029
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.450 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.009 min
 Lab File: VU050662.D
 Acq: 07 Sep 2022 15:51

Tgt Ion: 96 Resp: 778
 Ion Ratio Lower Upper
 96 100
 61 1324.6 118.0 219.1#
 63 10389.9 79.5 147.7#





#13

Acetone

Concen: 2.509 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.019 min

Lab File: VU050662.D

Acq: 07 Sep 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

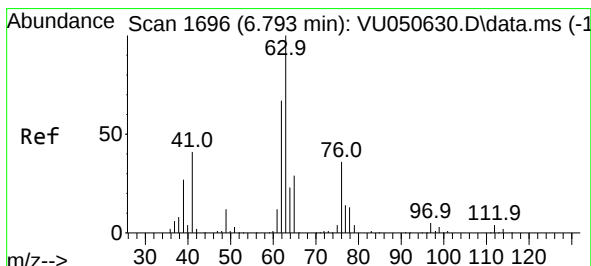
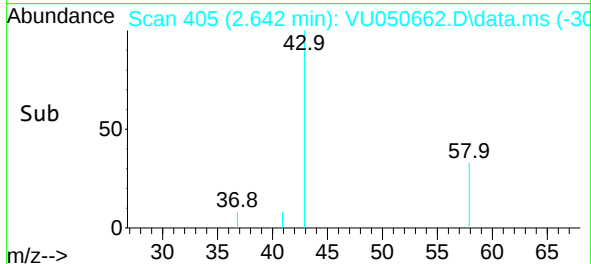
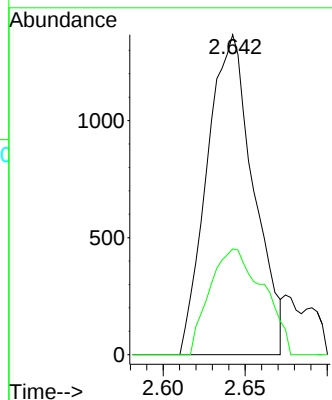
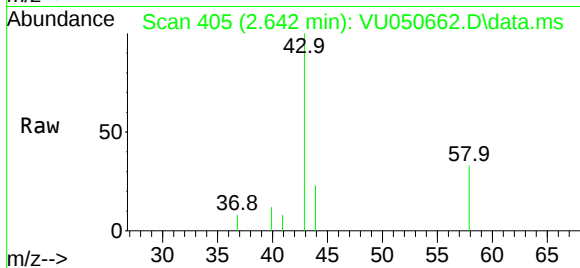
EW345

Tgt Ion: 43 Resp: 2695

Ion Ratio Lower Upper

43 100

58 38.0 0.0 76.2



#37

1,2-Dichloropropane

Concen: 5.735 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050662.D

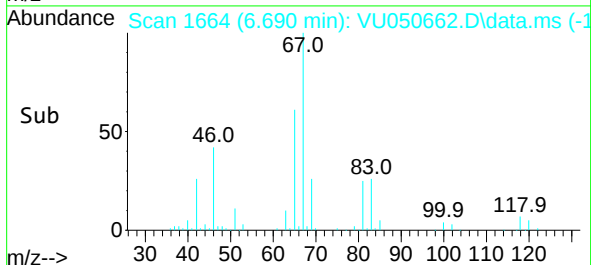
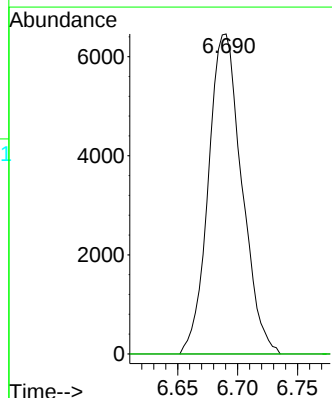
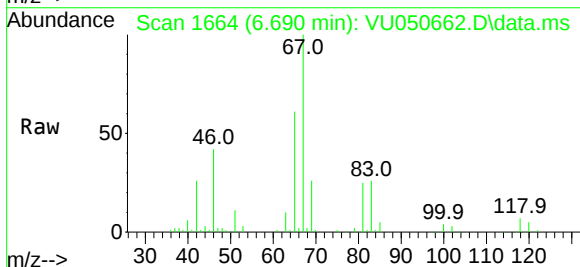
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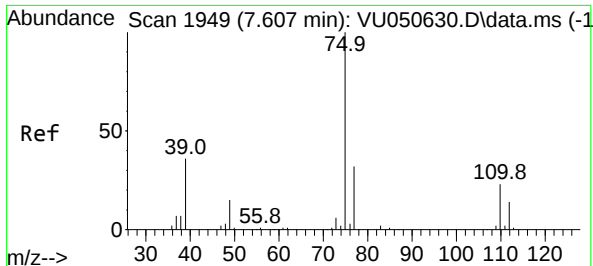
Tgt Ion: 63 Resp: 12531

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050662.D

Acq: 07 Sep 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

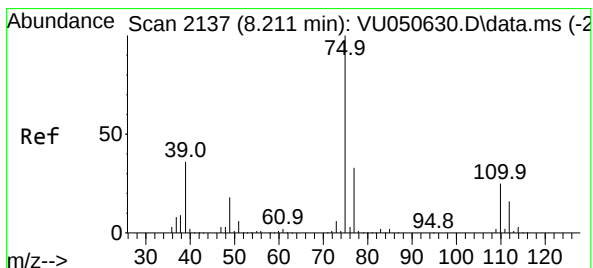
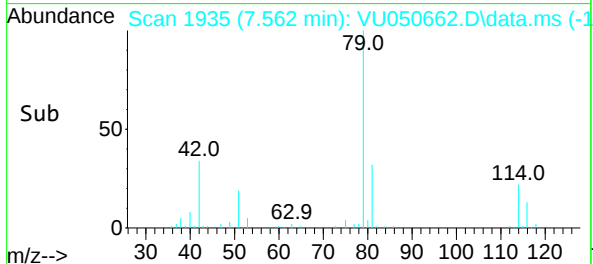
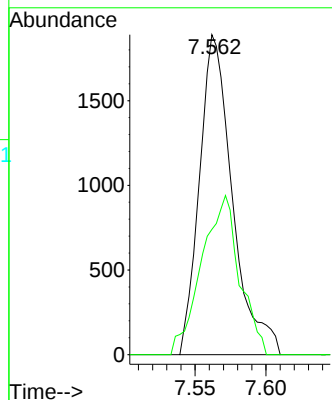
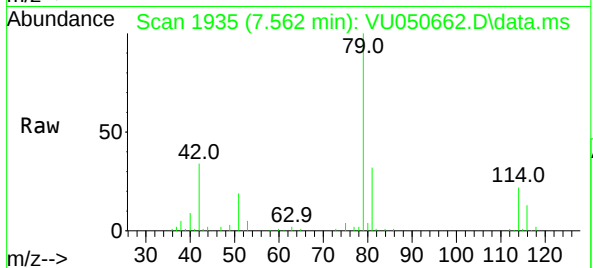
EW345

Tgt Ion: 75 Resp: 3055

Ion Ratio Lower Upper

75 100

77 39.2 22.5 41.7



#44

trans-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050662.D

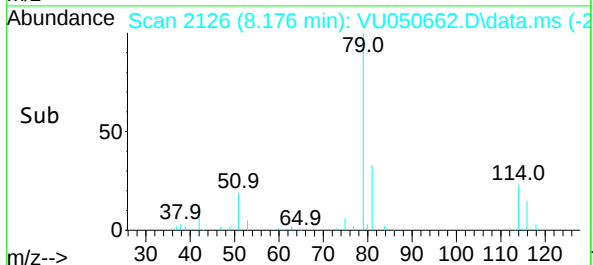
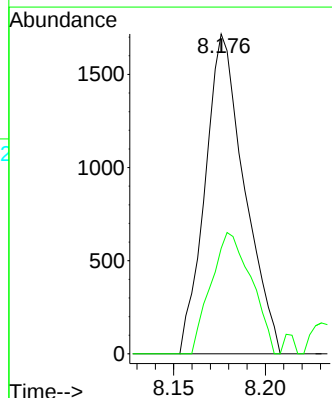
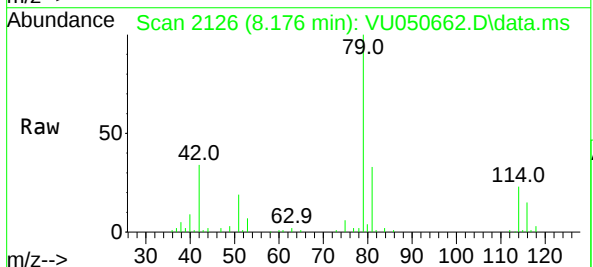
Acq: 07 Sep 2022 15:51

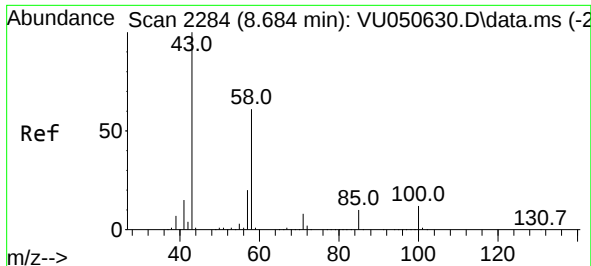
Tgt Ion: 75 Resp: 2559

Ion Ratio Lower Upper

75 100

77 33.0 22.1 41.1

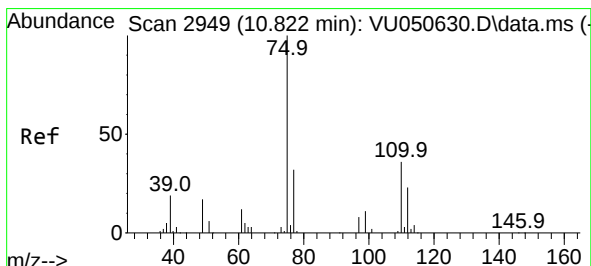
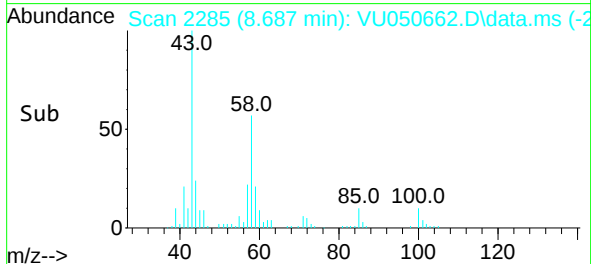
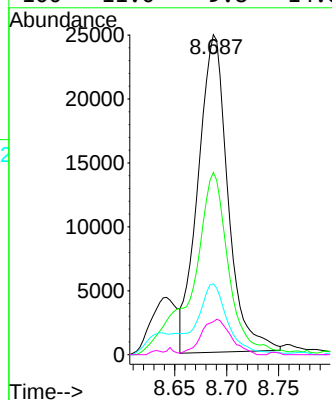
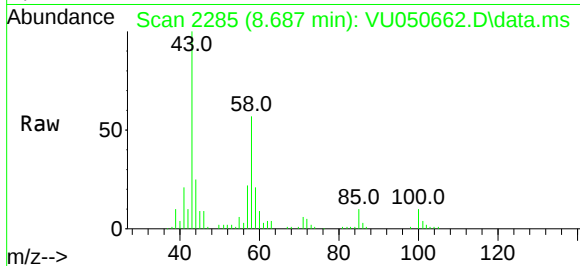




#48
2-Hexanone
Concen: 17.902 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050662.D
Acq: 07 Sep 2022 15:51

Instrument :
MSVOA_U
ClientSampleId :
EW345

Tgt Ion: 43	Resp: 49750
Ion Ratio	Lower Upper
43 100	
58 67.2	51.8 77.6
57 18.8	17.0 25.4
100 11.0	9.8 14.8



#60
1,2,3-Trichloropropane
Concen: 3.667 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050662.D
Acq: 07 Sep 2022 15:51

Tgt Ion: 75	Resp: 8587
Ion Ratio	Lower Upper
75 100	
77 34.5	25.8 38.8
110 2.1	29.3 43.9#

