

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050638.D
 Acq On : 06 Sep 2022 16:56
 Operator : SY/MD
 Sample : N4362-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:40:11 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)

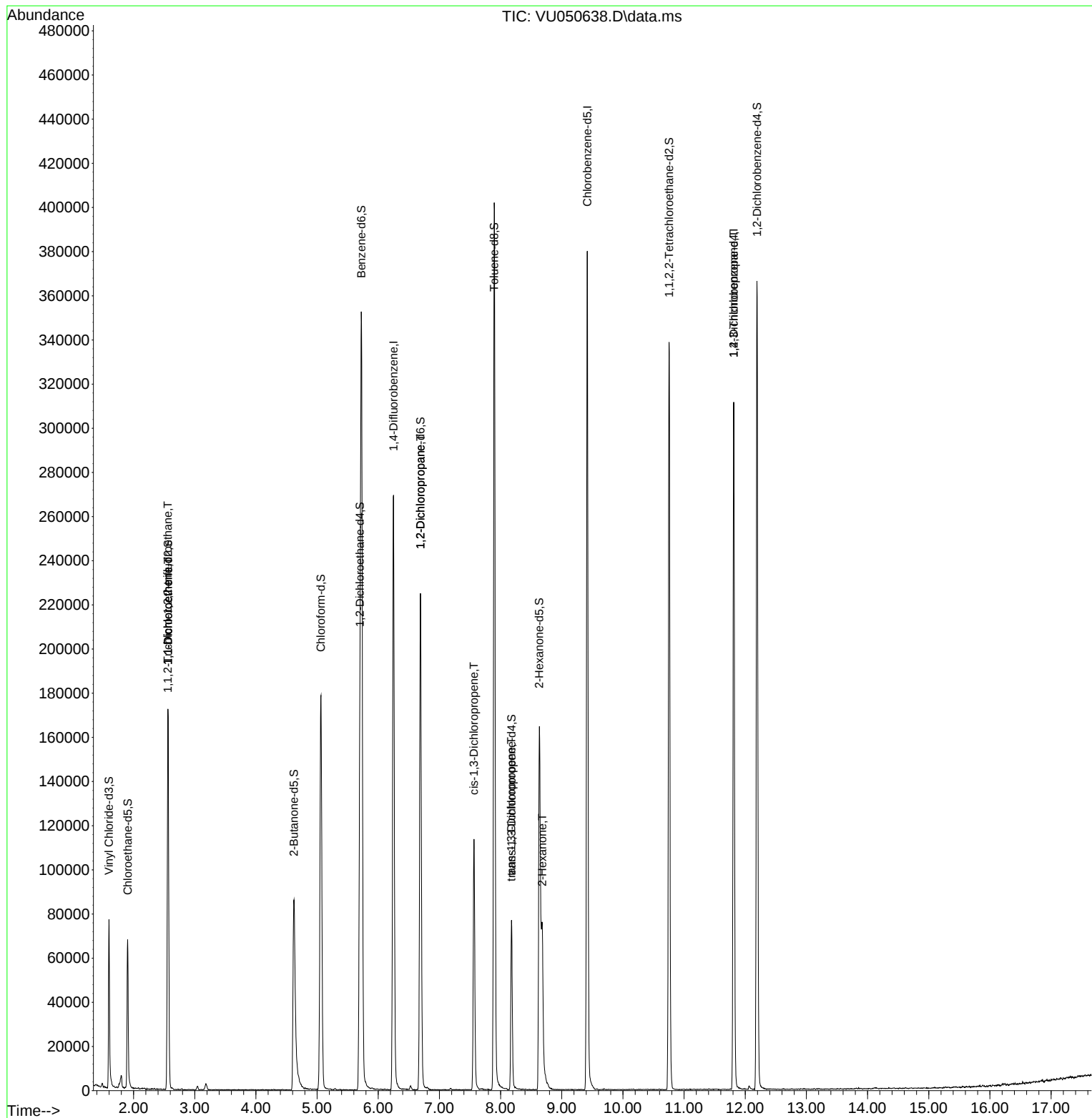
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221903	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218489	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88151	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60317	31.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.560%
7) Chloroethane-d5	1.903	69	50752	39.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.080%
11) 1,1-Dichloroethene-d2	2.562	63	101817	30.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.720%
21) 2-Butanone-d5	4.620	46	124065	89.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.350%
24) Chloroform-d	5.060	84	172299	47.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.700	65	113508	51.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.280%
32) Benzene-d6	5.726	84	329838	45.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	6.690	67	111960	47.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.460%
41) Toluene-d8	7.896	98	278202	45.056	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.120%
43) trans-1,3-Dichloroprop...	8.179	79	46945	47.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	8.632	63	50390	84.506	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.510%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	172617	48.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	100827	48.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1036	0.597	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	813	0.482	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	11656	5.550	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3126	1.100	ug/L #	74
44) trans-1,3-Dichloropropene	8.176	75	1852	0.694	ug/L	96
48) 2-Hexanone	8.684	43	37195	13.925	ug/L #	93
60) 1,2,3-Trichloropropane	11.812	75	10070	3.893	ug/L #	68

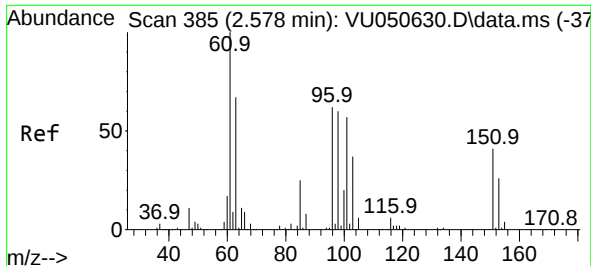
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.597 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU050638.D

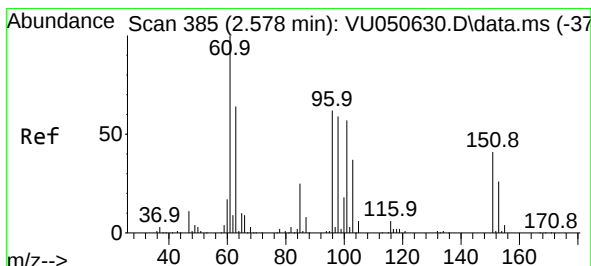
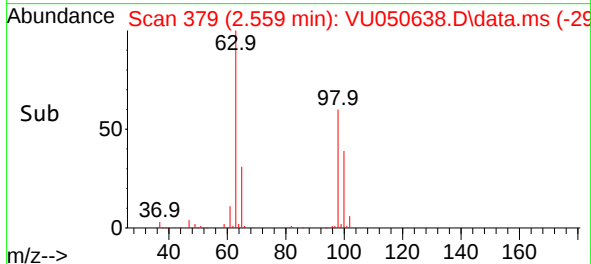
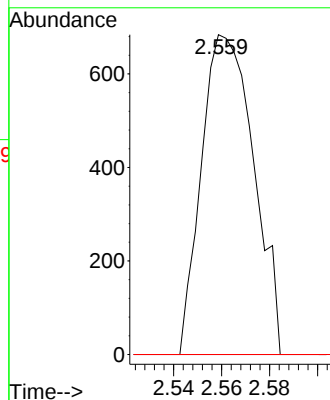
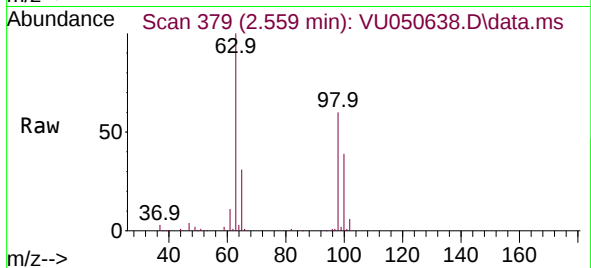
Acq: 06 Sep 2022 16:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1036
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: 0.482 ug/L

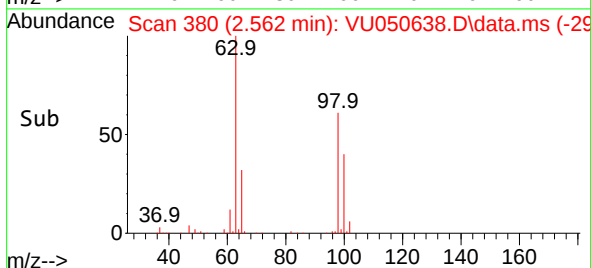
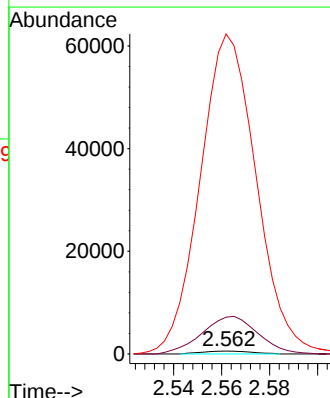
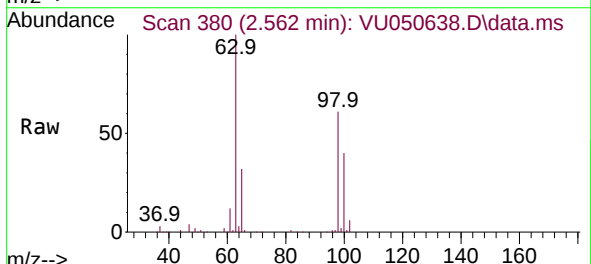
RT: 2.562 min Scan# 380

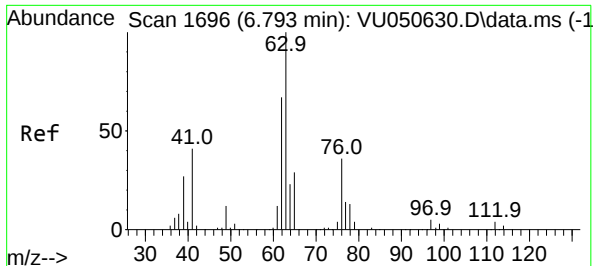
Delta R.T. -0.016 min

Lab File: VU050638.D

Acq: 06 Sep 2022 16:56

Tgt Ion: 96	Resp:	813
Ion Ratio	Lower	Upper
96	100	
61	1281.6	118.0 219.1#
63	11131.4	79.5 147.7#





#37

1,2-Dichloropropane

Concen: 5.550 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050638.D

Acq: 06 Sep 2022 16:56

Instrument :

MSVOA_U

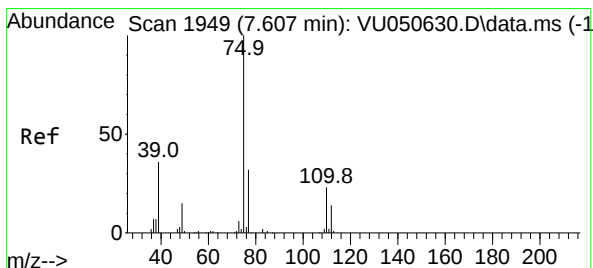
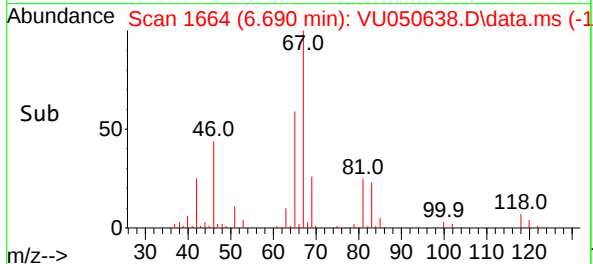
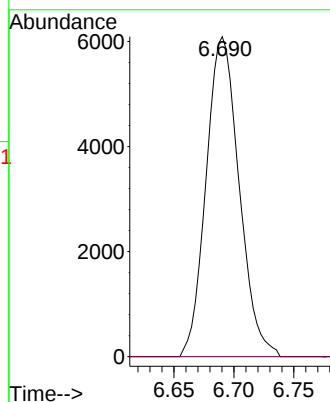
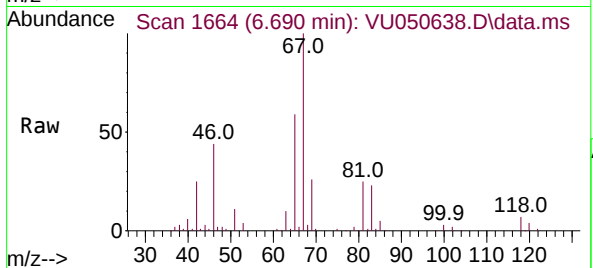
ClientSampleId :

Tgt Ion: 63 Resp: 11656

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.100 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050638.D

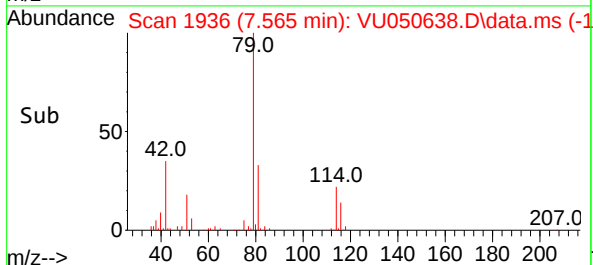
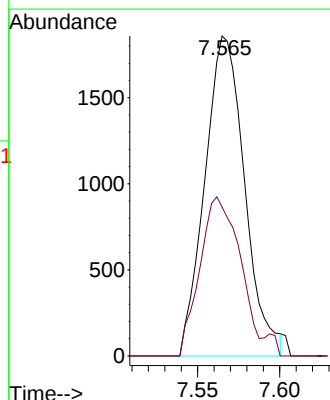
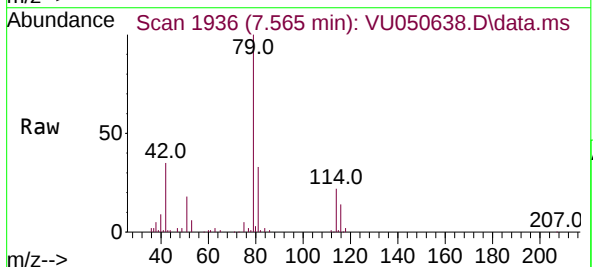
Acq: 06 Sep 2022 16:56

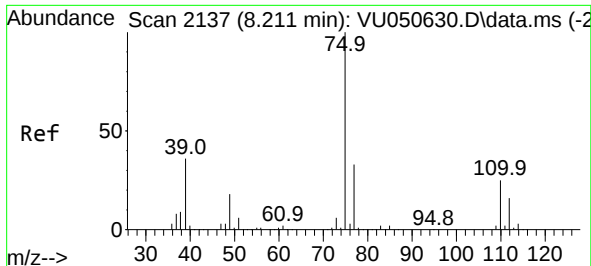
Tgt Ion: 75 Resp: 3126

Ion Ratio Lower Upper

75 100

77 46.5 22.5 41.7#

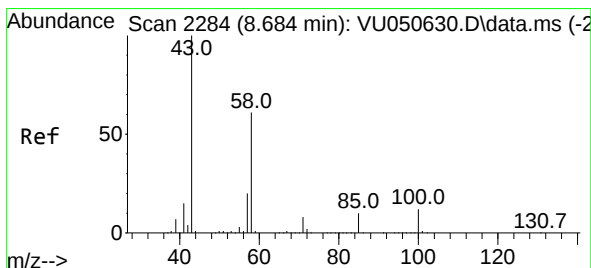
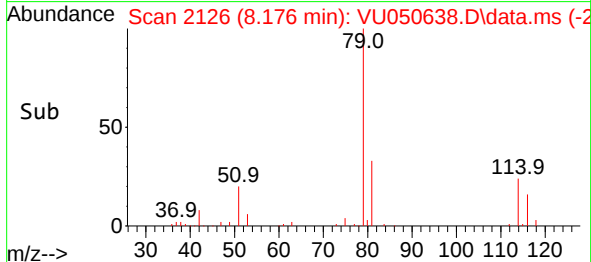
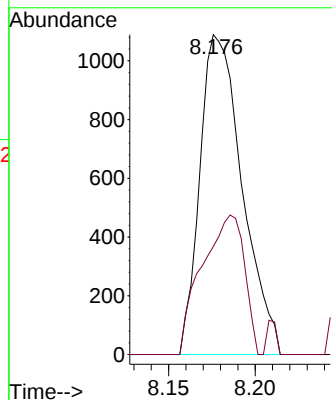
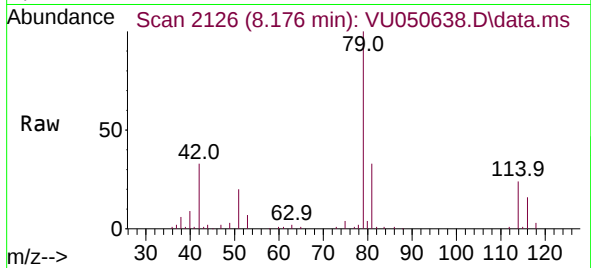




#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU050638.D
Acq: 06 Sep 2022 16:56

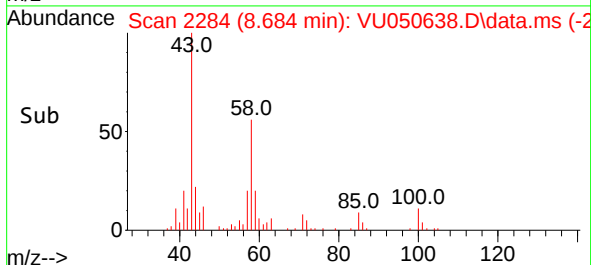
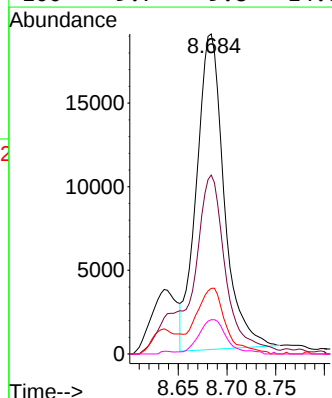
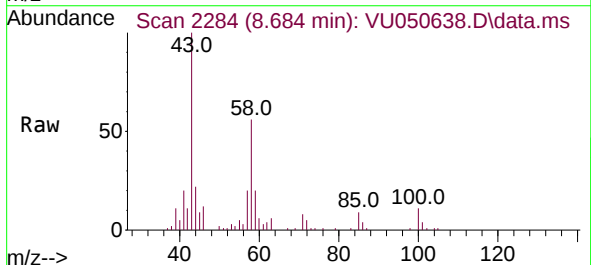
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MSVOA_U
ClientSampleId :

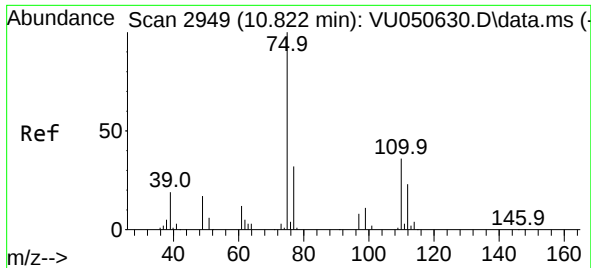
Tgt Ion: 75 Resp: 1852
Ion Ratio Lower Upper
75 100
77 33.8 22.1 41.1



#48
2-Hexanone
Concen: 13.925 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU050638.D
Acq: 06 Sep 2022 16:56

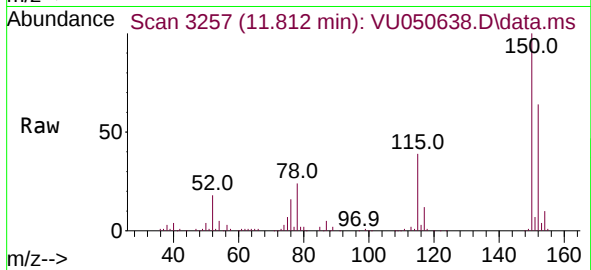
Tgt Ion: 43 Resp: 37195
Ion Ratio Lower Upper
43 100
58 57.6 51.8 77.6
57 21.9 17.0 25.4
100 9.7 9.8 14.8#





#60
 1,2,3-Trichloropropane
 Concen: 3.893 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050638.D
 Acq: 06 Sep 2022 16:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	10070
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
110	1.0	29.3	43.9#

