

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050650.D
 Acq On : 06 Sep 2022 21:40
 Operator : SY/MD
 Sample : N4482-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:43:27 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)

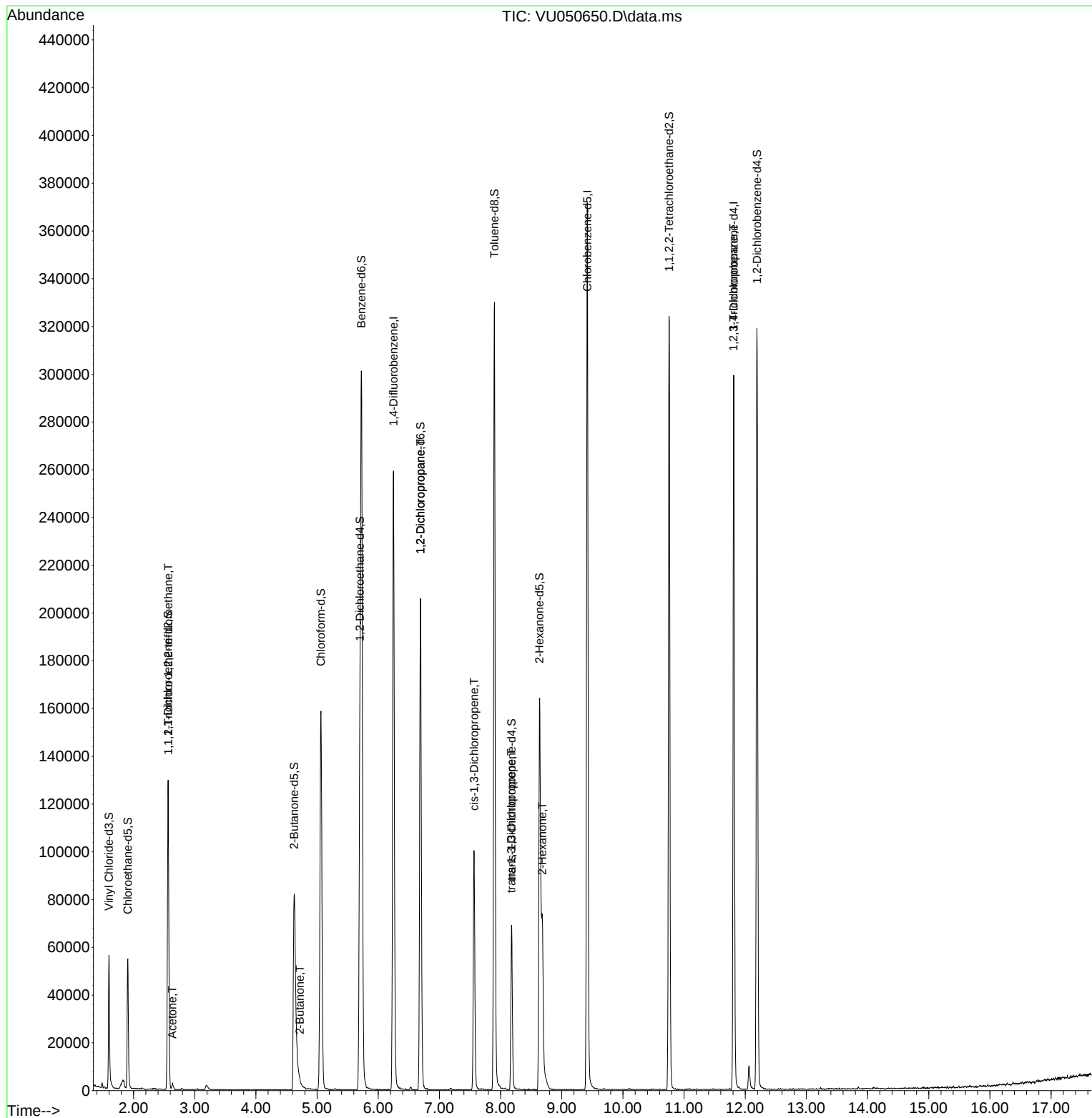
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215185	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44871	24.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	48.760%#
7) Chloroethane-d5	1.906	69	41544	33.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.760%#
11) 1,1-Dichloroethene-d2	2.565	63	75201	23.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.240%#
21) 2-Butanone-d5	4.626	46	123165	91.466	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.470%
24) Chloroform-d	5.063	84	156282	44.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.700	65	105480	49.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
32) Benzene-d6	5.726	84	283689	39.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.700%
36) 1,2-Dichloropropane-d6	6.690	67	99473	42.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.060%
41) Toluene-d8	7.899	98	226773	36.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.580%#
43) trans-1,3-Dichloroprop...	8.179	79	41154	42.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.040%
47) 2-Hexanone-d5	8.635	63	46634	78.330	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.330%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	161452	45.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.160%
66) 1,2-Dichlorobenzene-d4	12.192	152	87252	45.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	682	0.406	ug/L #	21
13) Acetone	2.636	43	2905	2.860	ug/L	87
22) 2-Butanone	4.719	43	1597	1.005	ug/L	88
37) 1,2-Dichloropropane	6.690	63	11261	5.370	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2556	0.900	ug/L #	43
44) trans-1,3-Dichloropropene	8.176	75	1700	0.638	ug/L #	58
48) 2-Hexanone	8.684	43	35116	13.167	ug/L	91
60) 1,2,3-Trichloropropane	11.809	75	9510	3.971	ug/L #	68

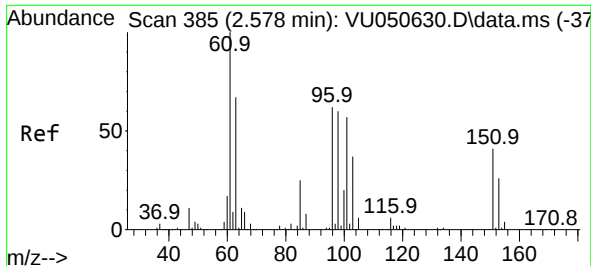
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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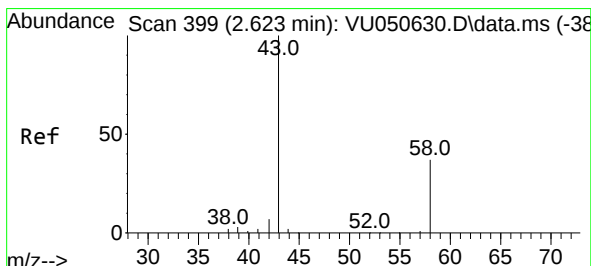
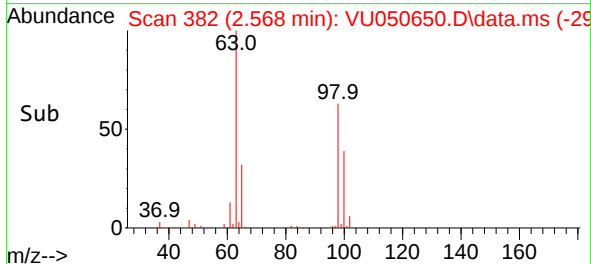
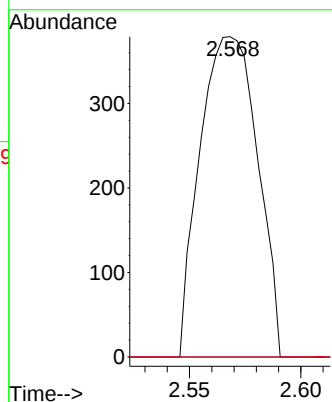
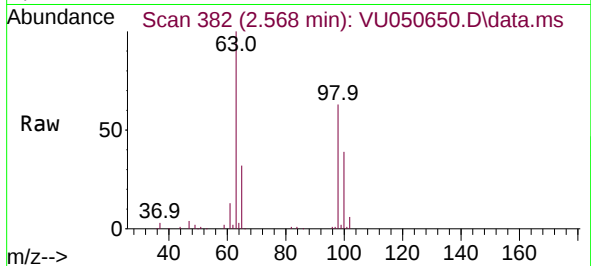




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.406 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU050650.D
 Acq: 06 Sep 2022 21:40

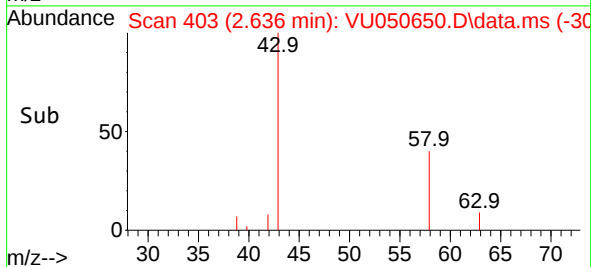
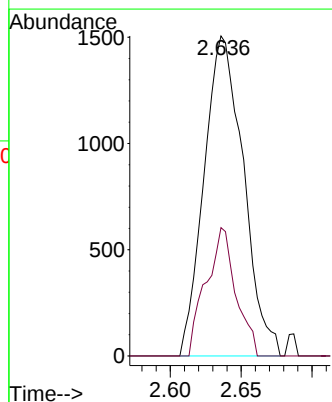
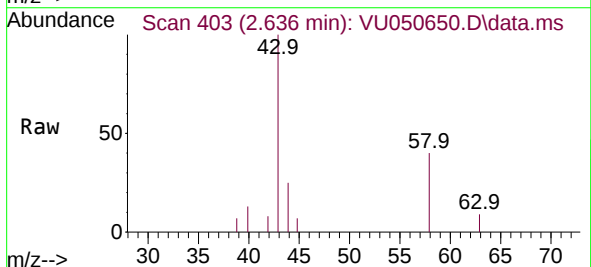
Instrument :
 MSVOA_U
 ClientSampleId :

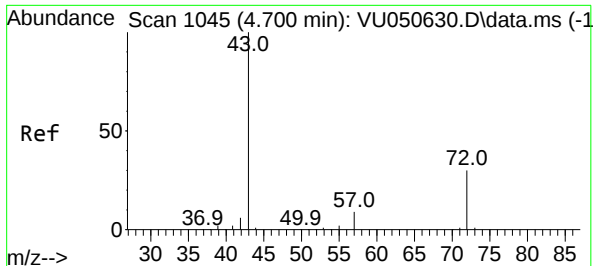
Tgt Ion:101 Resp: 682
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#13
 Acetone
 Concen: 2.860 ug/L
 RT: 2.636 min Scan# 403
 Delta R.T. 0.013 min
 Lab File: VU050650.D
 Acq: 06 Sep 2022 21:40

Tgt Ion: 43 Resp: 2905
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 76.2





#22

2-Butanone

Concen: 1.005 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU050650.D

Acq: 06 Sep 2022 21:40

Instrument :

MSVOA_U

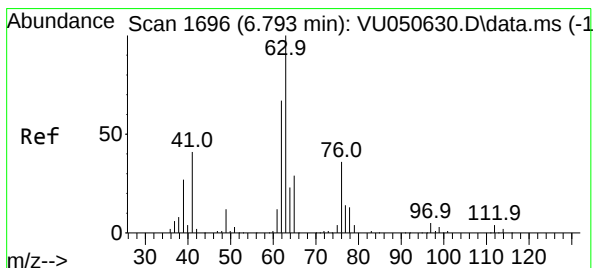
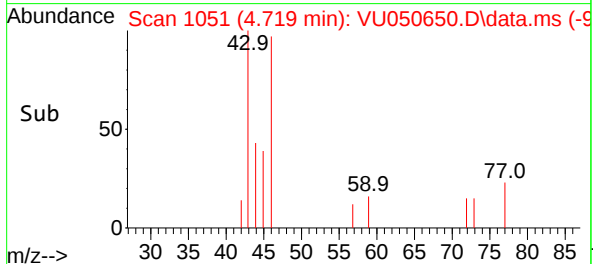
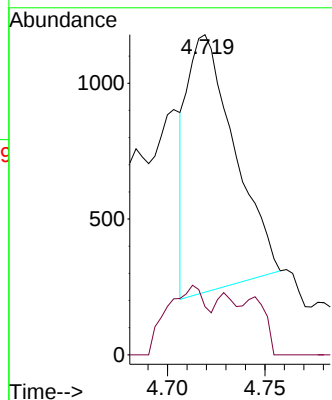
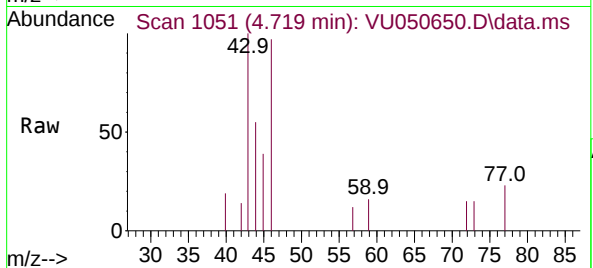
ClientSampleId :

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

72 22.7 14.6 44.0



#37

1,2-Dichloropropane

Concen: 5.370 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050650.D

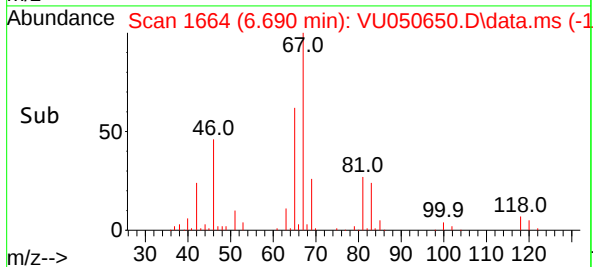
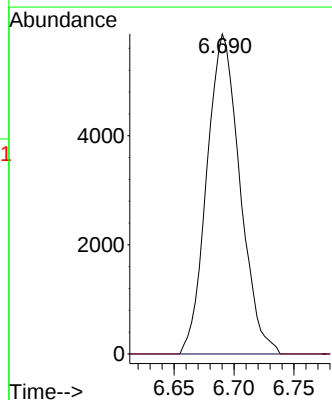
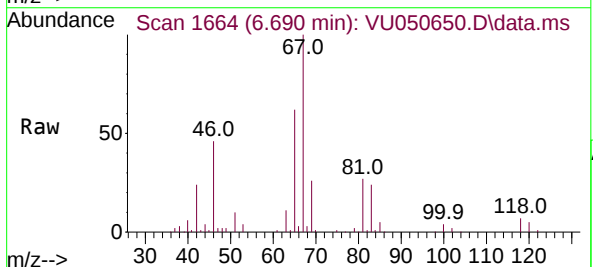
Acq: 06 Sep 2022 21:40

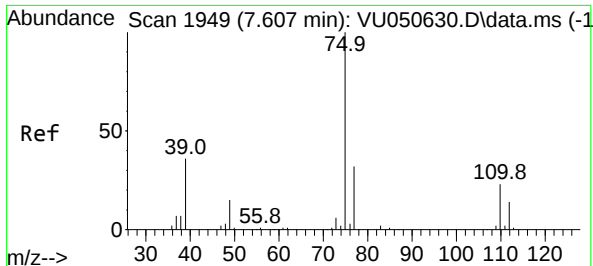
Tgt Ion: 63 Resp: 11261

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050650.D

Acq: 06 Sep 2022 21:40

Instrument :

MSVOA_U

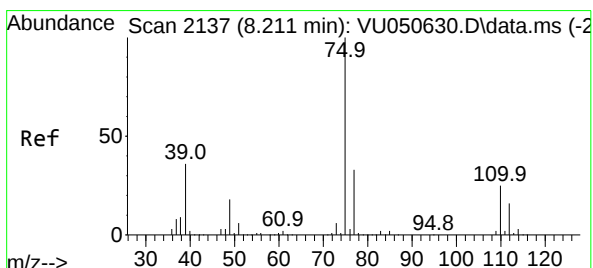
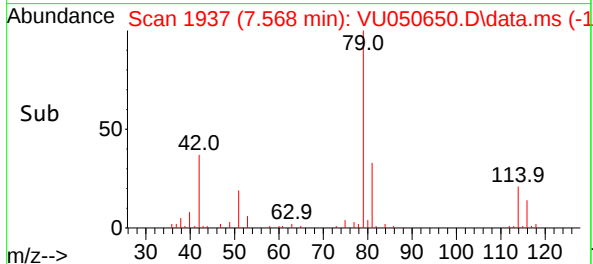
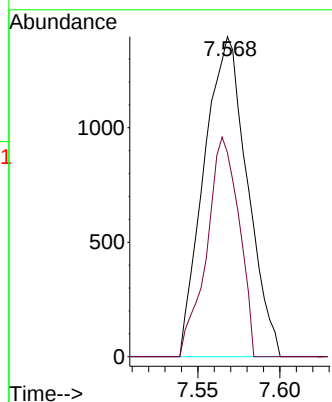
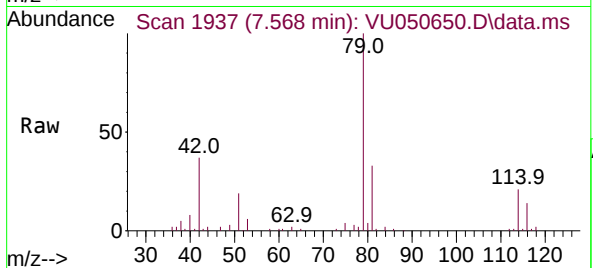
ClientSampleId :

Tgt Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

77 63.8 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050650.D

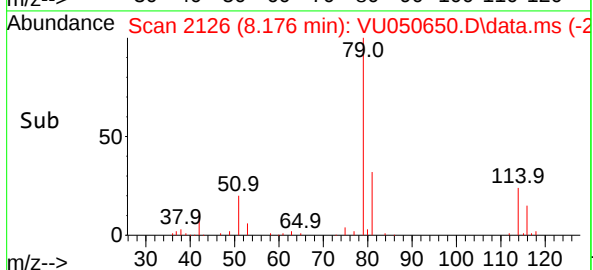
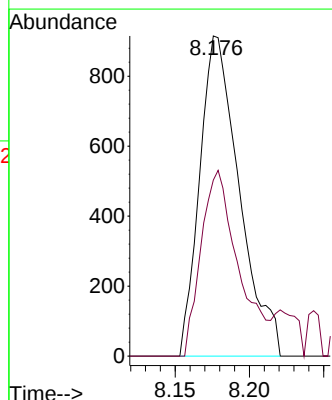
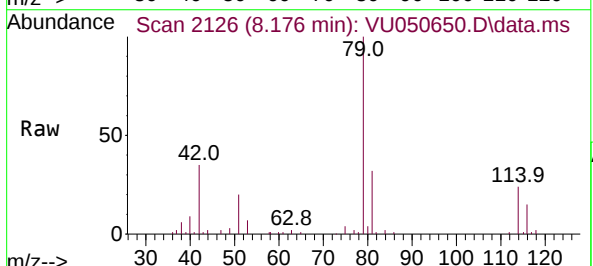
Acq: 06 Sep 2022 21:40

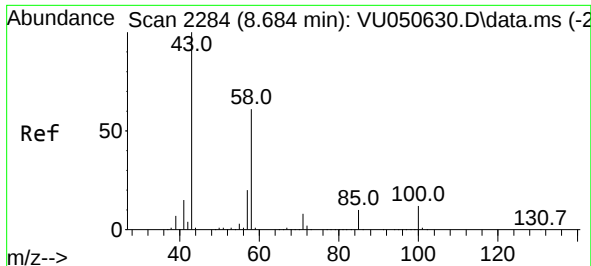
Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

75 100

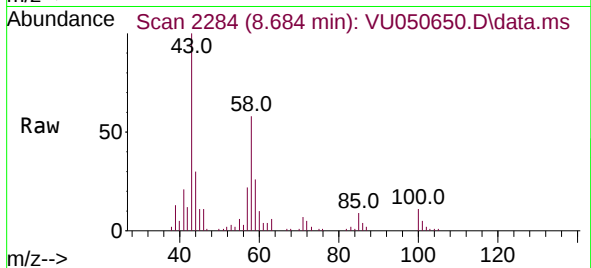
77 55.0 22.1 41.1#



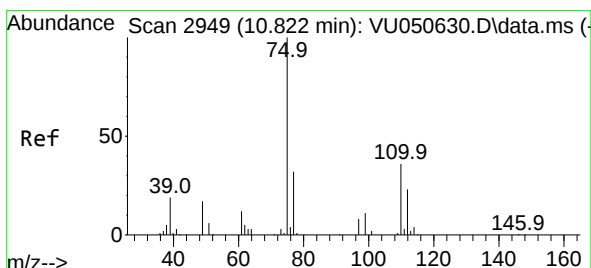
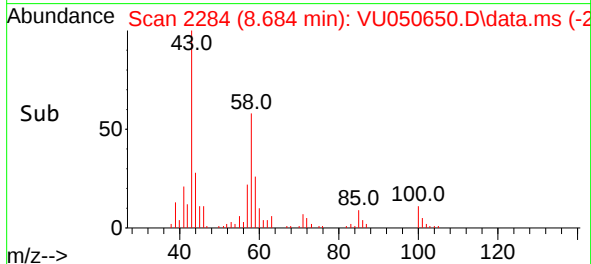
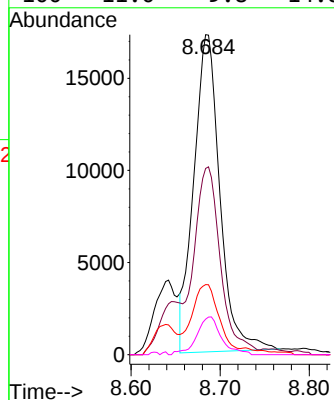


#48
2-Hexanone
Concen: 13.167 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050650.D
Acq: 06 Sep 2022 21:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	35116
Ion	Ratio	Lower	Upper
43	100		
58	55.2	51.8	77.6
57	20.0	17.0	25.4
100	11.0	9.8	14.8



#60
1,2,3-Trichloropropane
Concen: 3.971 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050650.D
Acq: 06 Sep 2022 21:40

Tgt Ion:	75	Resp:	9510
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
110	1.4	29.3	43.9#

