

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049838.D
 Acq On : 21 Jul 2022 18:58
 Operator : SY/MD
 Sample : N3766-06ME
 Misc : 5.39g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

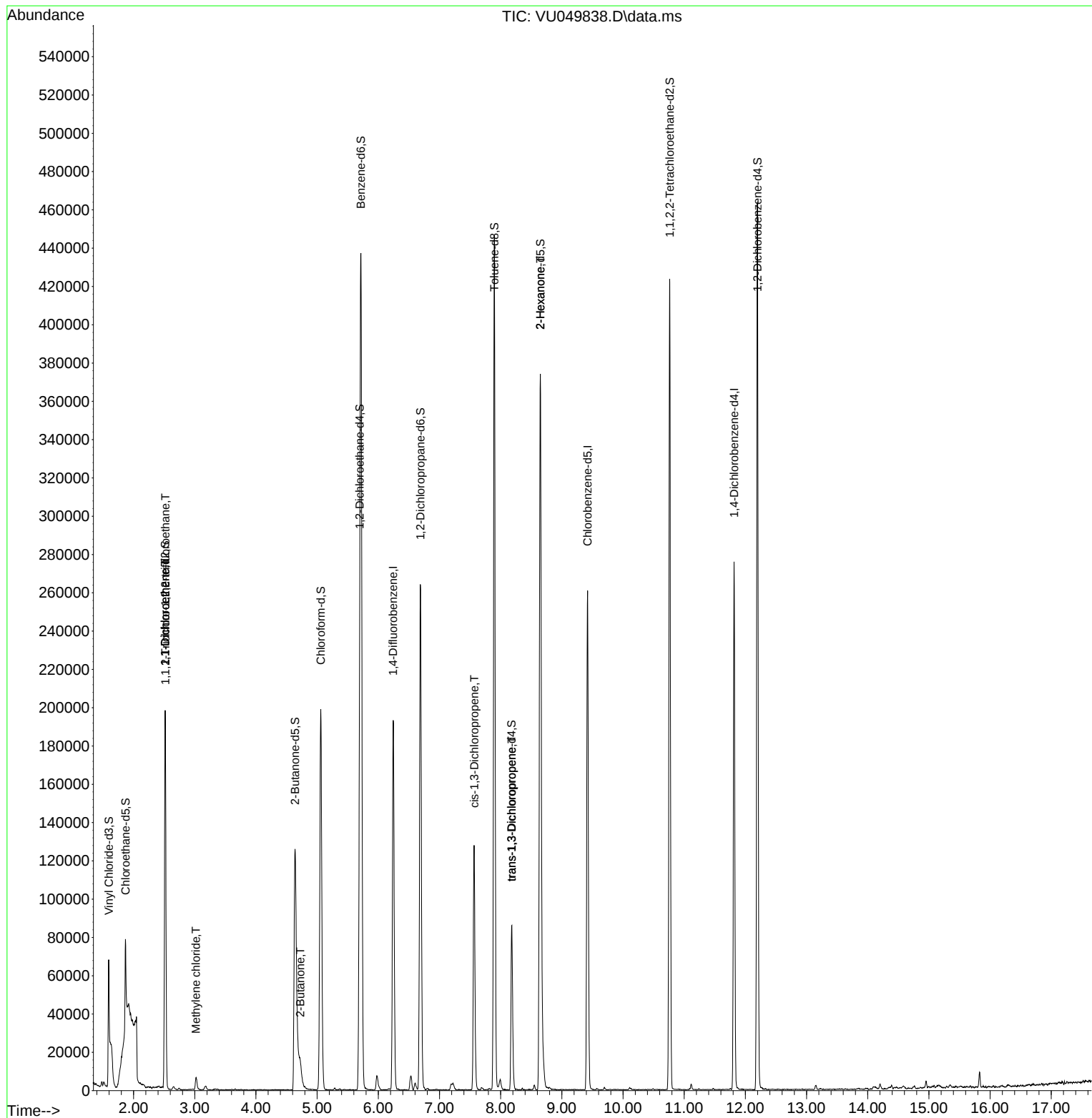
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	148702	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	69354	55.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.560%	
7) Chloroethane-d5	1.867	69	41881	46.179	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	= 92.360%	
11) 1,1-Dichloroethene-d2	2.517	63	120123	54.202	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.400%	
21) 2-Butanone-d5	4.639	46	230276	214.997	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	= 215.000%#	
24) Chloroform-d	5.060	84	188214	84.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 169.400%#	
26) 1,2-Dichloroethane-d4	5.697	65	133530	88.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 177.560%#	
32) Benzene-d6	5.716	84	348041	79.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 159.440%#	
36) 1,2-Dichloropropane-d6	6.687	67	124539	84.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 169.620%#	
41) Toluene-d8	7.896	98	285646	75.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 150.260%#	
43) trans-1,3-Dichloroprop...	8.179	79	52303	84.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 169.060%#	
47) 2-Hexanone-d5	8.649	63	143292	216.917	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 216.920%#	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	209541	101.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 203.960%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	115385	90.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 180.000%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.520	101	1044	0.911	ug/L #	20
12) 1,1-Dichloroethene	2.517	96	815	0.767	ug/L #	1
16) Methylene chloride	3.019	84	3033	2.265	ug/L	97
22) 2-Butanone	4.726	43	19579	14.367	ug/L	87
39) cis-1,3-Dichloropropene	7.568	75	3864	1.913	ug/L #	80
44) trans-1,3-Dichloropropene	8.182	75	2559	1.350	ug/L	90
48) 2-Hexanone	8.649	43	21395	11.045	ug/L #	77

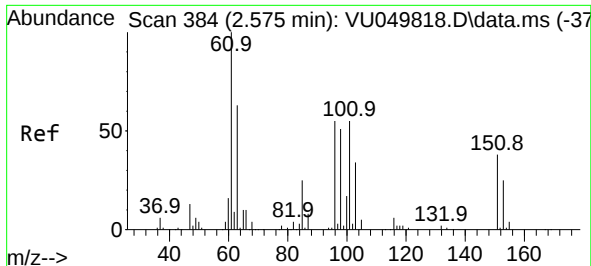
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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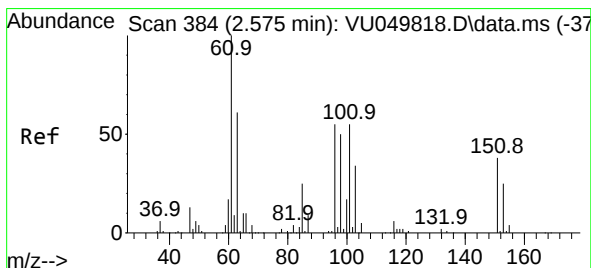
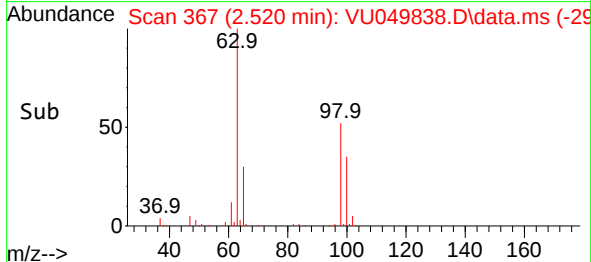
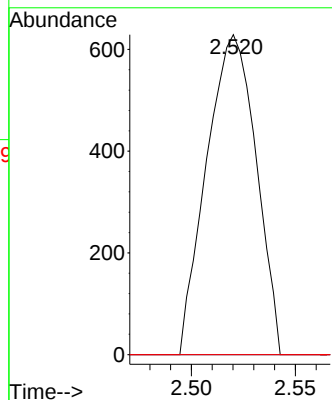
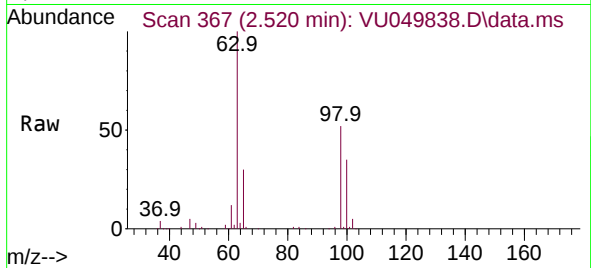




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.911 ug/L
 RT: 2.520 min Scan# 30
 Delta R.T. -0.054 min
 Lab File: VU049838.D
 Acq: 21 Jul 2022 18:58

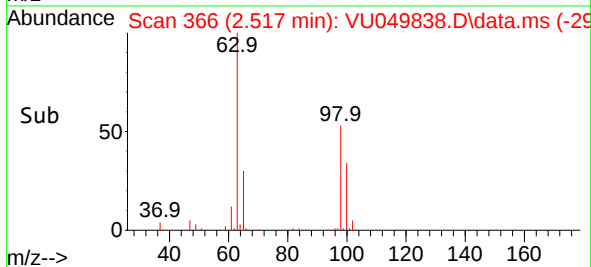
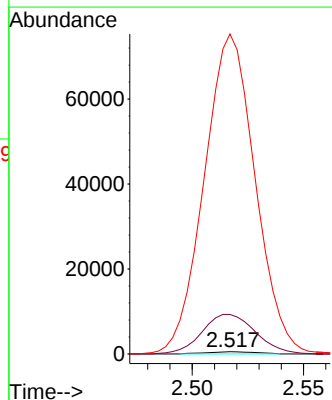
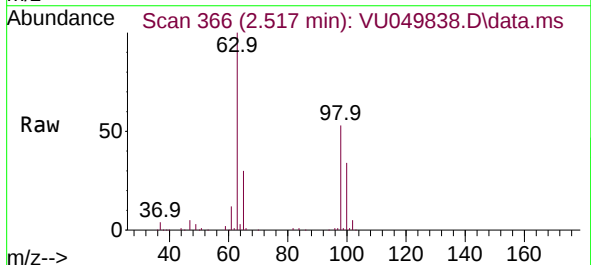
Instrument :
 MSVOA_U
 ClientSampleId :

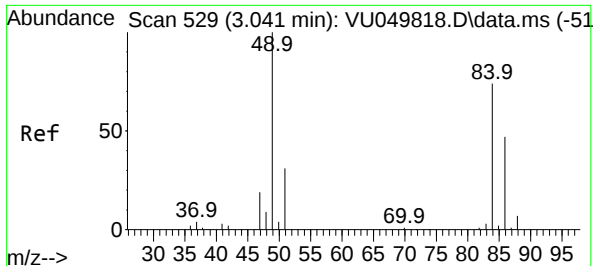
Tgt Ion:101 Resp: 1044
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.767 ug/L
 RT: 2.517 min Scan# 366
 Delta R.T. -0.058 min
 Lab File: VU049838.D
 Acq: 21 Jul 2022 18:58

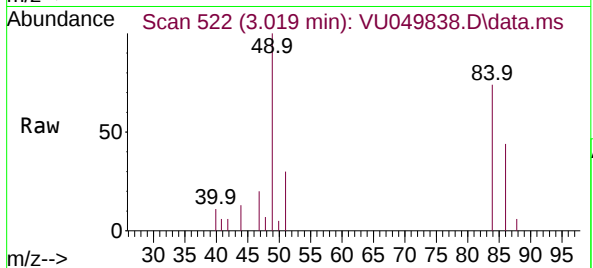
Tgt Ion: 96 Resp: 815
 Ion Ratio Lower Upper
 96 100
 61 1791.3 129.6 240.6#
 63 14486.2 79.0 146.6#



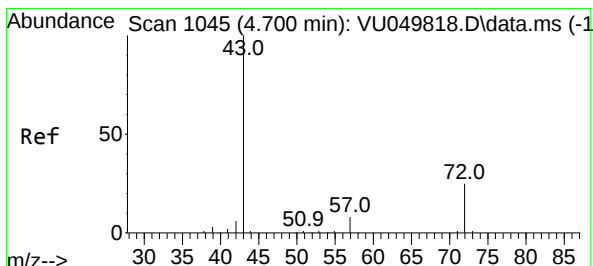
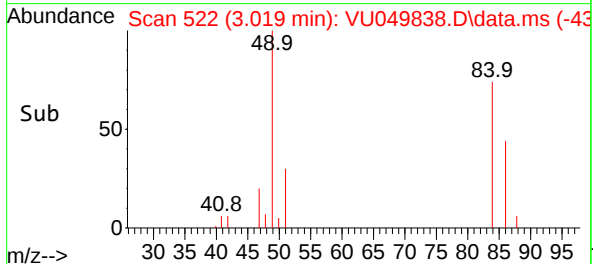
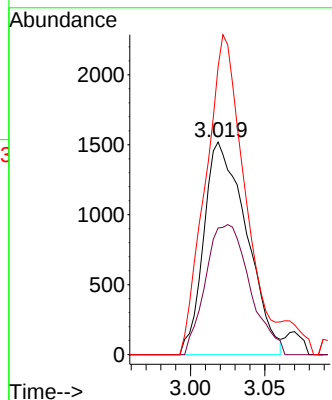


#16
Methylene chloride
Concen: 2.265 ug/L
RT: 3.019 min Scan# 51
Delta R.T. -0.022 min
Lab File: VU049838.D
Acq: 21 Jul 2022 18:58

Instrument :
MSVOA_U
ClientSampleId :

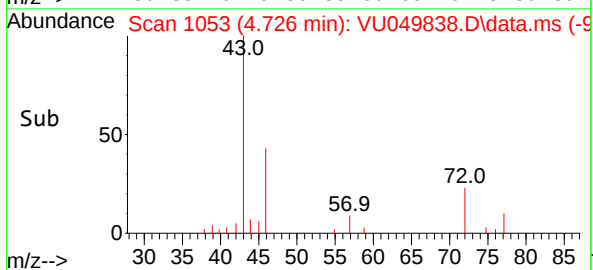
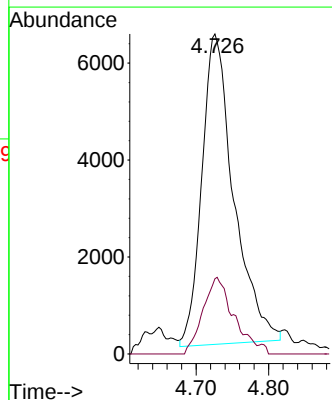
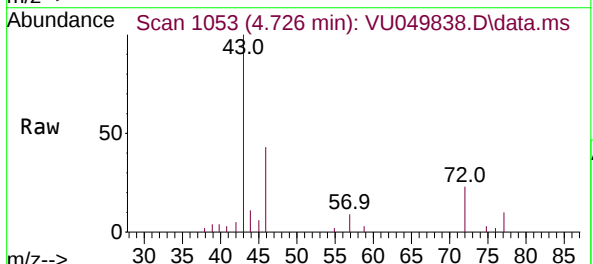


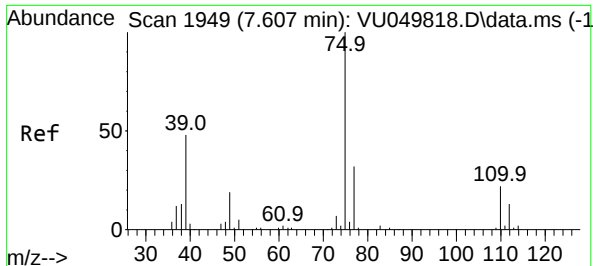
Tgt Ion:	84	Resp:	3033
Ion	Ratio	Lower	Upper
84	100		
86	59.5	45.6	84.6
49	135.5	94.4	175.4



#22
2-Butanone
Concen: 14.367 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.026 min
Lab File: VU049838.D
Acq: 21 Jul 2022 18:58

Tgt Ion:	43	Resp:	19579
Ion	Ratio	Lower	Upper
43	100		
72	18.6	12.7	38.0





#39

cis-1,3-Dichloropropene

Concen: 1.913 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU049838.D

Acq: 21 Jul 2022 18:58

Instrument :

MSVOA_U

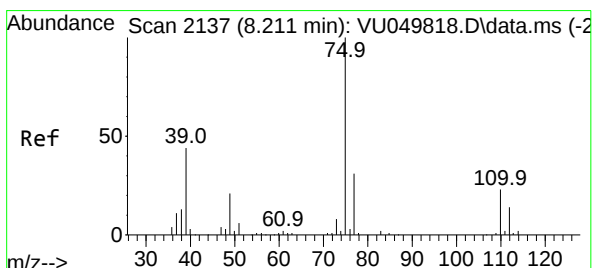
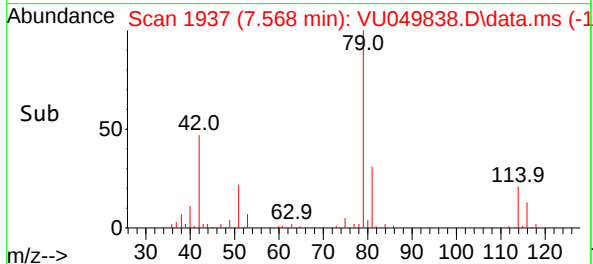
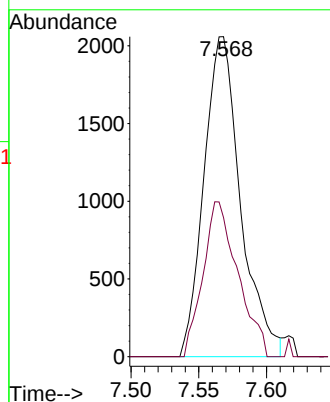
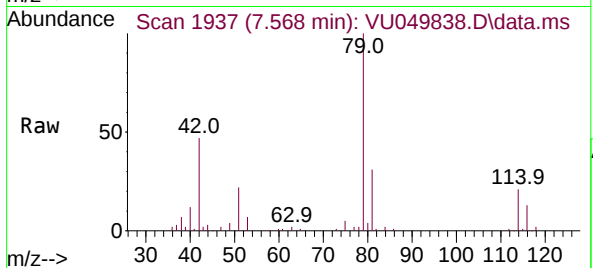
ClientSampleId :

Tgt Ion: 75 Resp: 3864

Ion Ratio Lower Upper

75 100

77 43.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 1.350 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049838.D

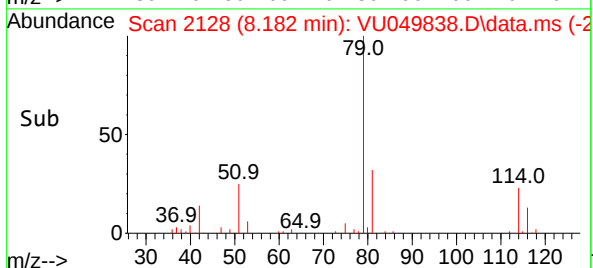
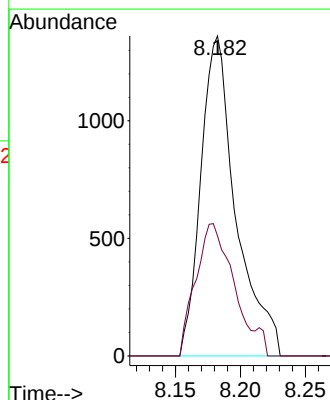
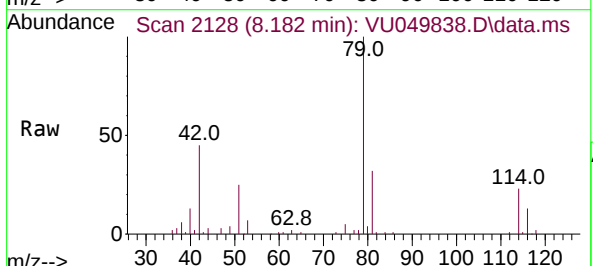
Acq: 21 Jul 2022 18:58

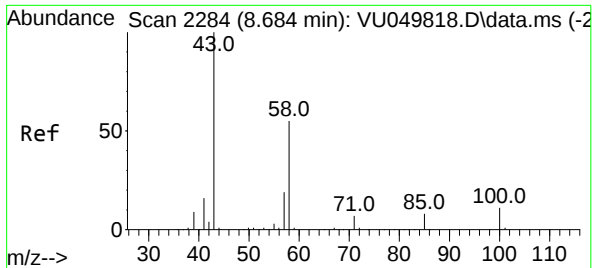
Tgt Ion: 75 Resp: 2559

Ion Ratio Lower Upper

75 100

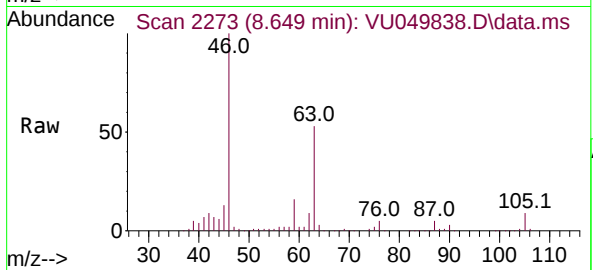
77 37.5 22.5 41.9





#48
 2-Hexanone
 Concen: 11.045 ug/L
 RT: 8.649 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VU049838.D
 Acq: 21 Jul 2022 18:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 21395
Ion Ratio	Lower Upper
43	100
58	36.9 42.6 64.0#
57	27.6 15.0 22.6#
100	0.4 7.9 11.9#

