

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049767.D
 Acq On : 18 Jul 2022 18:00
 Operator : SY/MD
 Sample : N3698-05ME
 Misc : 4.51g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 02:12:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

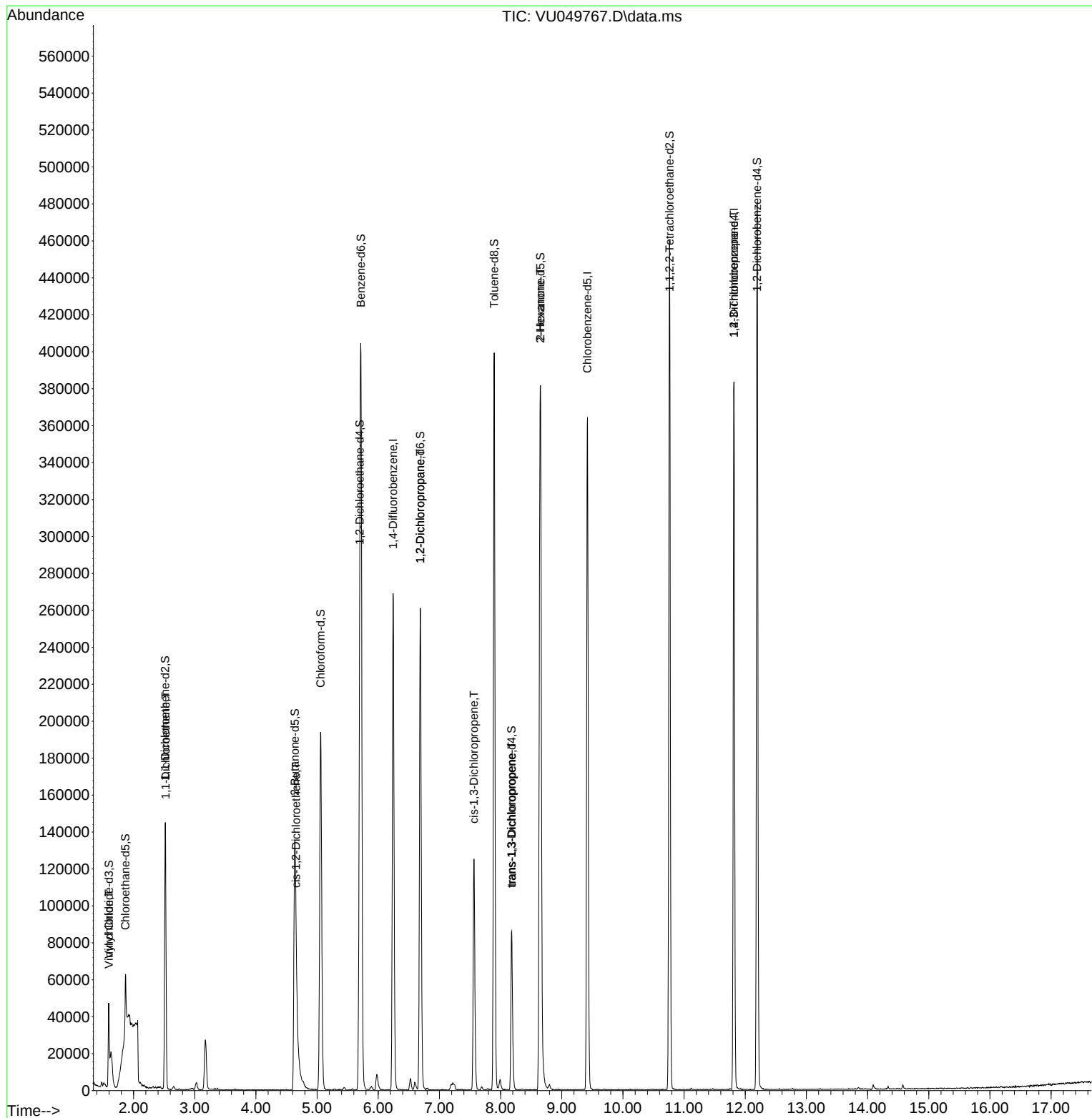
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	211068	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	205384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	96201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36805	20.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	41.340%#		
7) Chloroethane-d5	1.867	69	31168	24.212	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.420%#		
11) 1,1-Dichloroethene-d2	2.517	63	88798	28.228	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.460%#		
21) 2-Butanone-d5	4.636	46	261766	172.183	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	172.180%#		
24) Chloroform-d	5.057	84	186881	59.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.500%		
26) 1,2-Dichloroethane-d4	5.697	65	136986	64.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	128.340%#		
32) Benzene-d6	5.716	84	319750	51.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.500%		
36) 1,2-Dichloropropane-d6	6.687	67	126030	60.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	120.100%#		
41) Toluene-d8	7.896	98	260220	47.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.780%		
43) trans-1,3-Dichloroprop...	8.179	79	51379	58.106	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	116.220%		
47) 2-Hexanone-d5	8.648	63	169116	179.138	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	179.140%#		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226324	77.072	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	154.140%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	116157	64.040	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	128.080%#		
Target Compounds						
5) Vinyl chloride	1.597	62	1220	0.486	ug/L #	44
12) 1,1-Dichloroethene	2.523	96	758	0.502	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	3082	1.661	ug/L	83
37) 1,2-Dichloropropane	6.687	63	14356	6.709	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	3521	1.220	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	2630	0.971	ug/L #	78
48) 2-Hexanone	8.652	43	27328	9.872	ug/L #	61
60) 1,2,3-Trichloropropane	11.816	75	13331	5.203	ug/L #	67

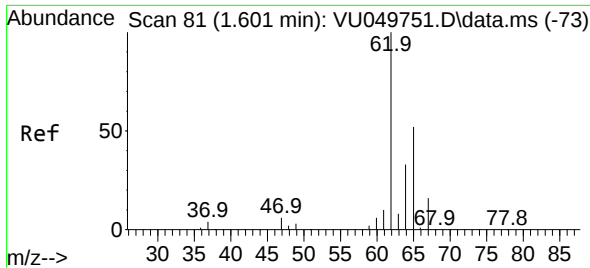
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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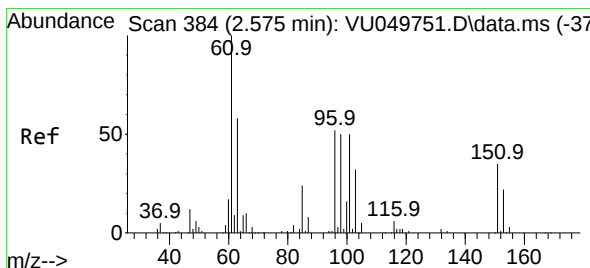
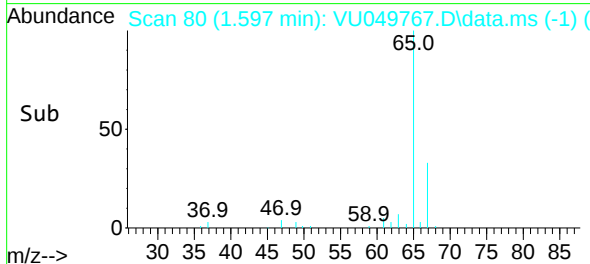
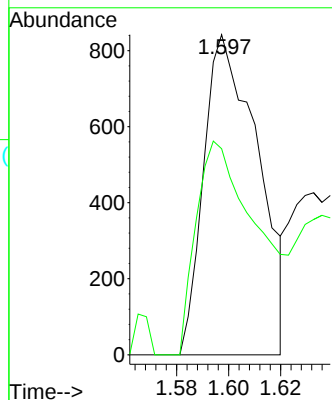
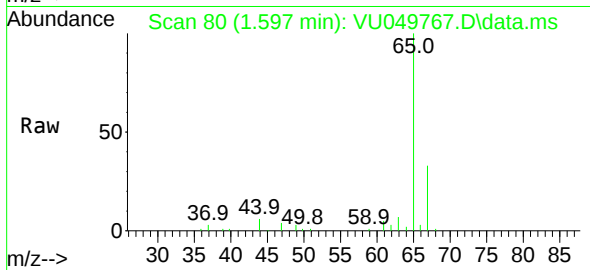




#5
 Vinyl chloride
 Concen: 0.486 ug/L
 RT: 1.597 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049767.D
 Acq: 18 Jul 2022 18:00

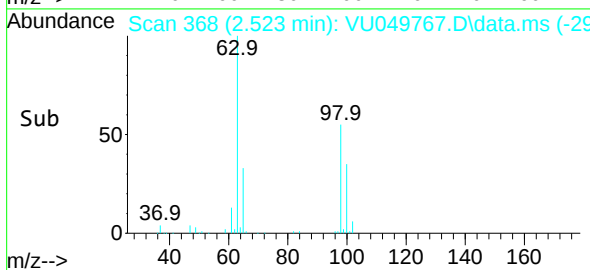
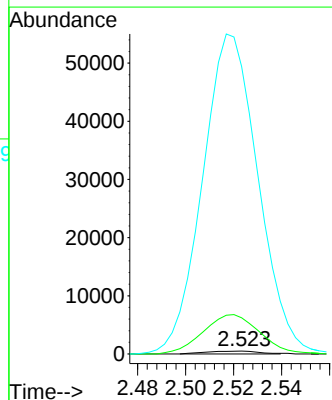
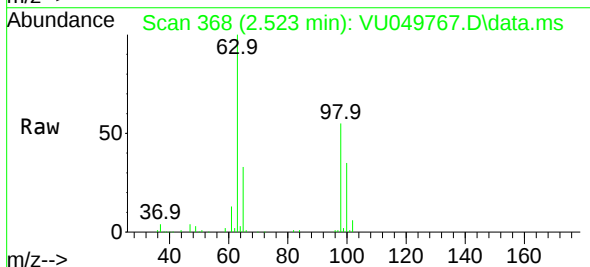
Instrument :
 MSVOA_U
 ClientSampleId :

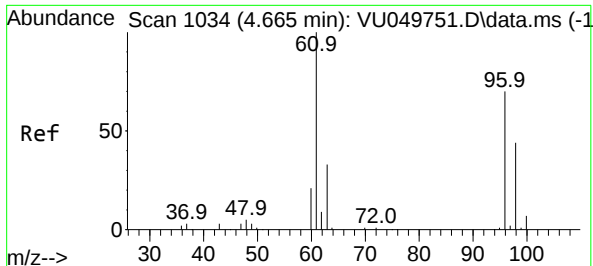
Tgt Ion: 62 Resp: 1220
 Ion Ratio Lower Upper
 62 100
 64 64.4 23.0 42.6#



#12
 1,1-Dichloroethene
 Concen: 0.502 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.051 min
 Lab File: VU049767.D
 Acq: 18 Jul 2022 18:00

Tgt Ion: 96 Resp: 758
 Ion Ratio Lower Upper
 96 100
 61 1244.3 129.6 240.6#
 63 9903.0 79.0 146.6#





#20

cis-1,2-Dichloroethene

Concen: 1.661 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

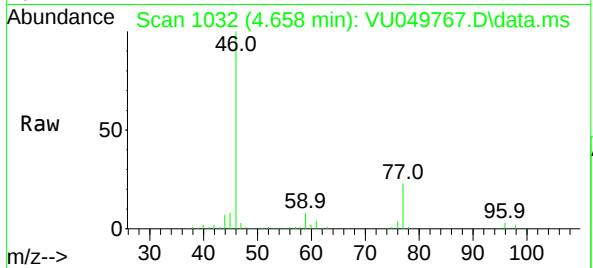
Lab File: VU049767.D

Acq: 18 Jul 2022 18:00

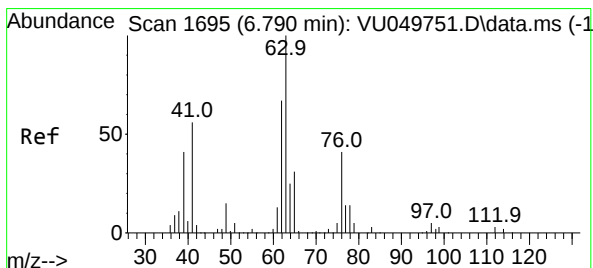
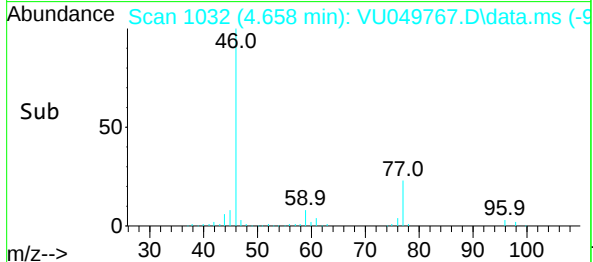
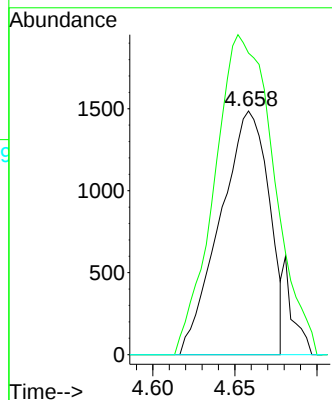
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	3082
Ion	Ratio	Lower	Upper
96	100		
61	123.8	101.1	187.7
68	0.0	0.0	0.0



#37

1,2-Dichloropropane

Concen: 6.709 ug/L

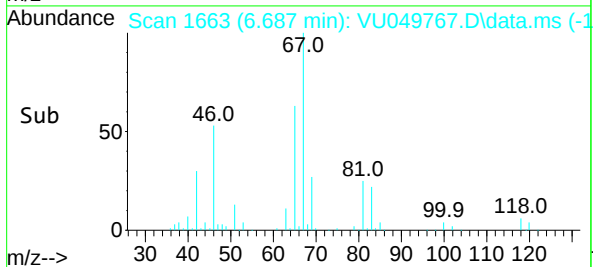
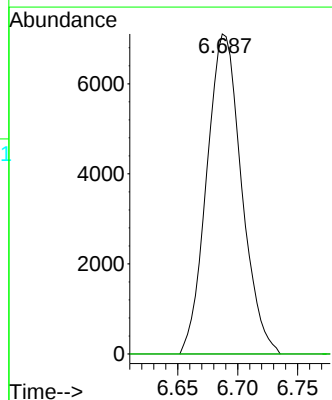
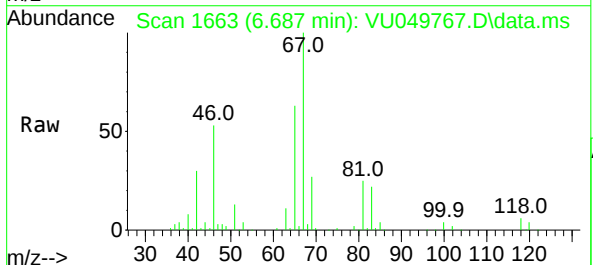
RT: 6.687 min Scan# 1663

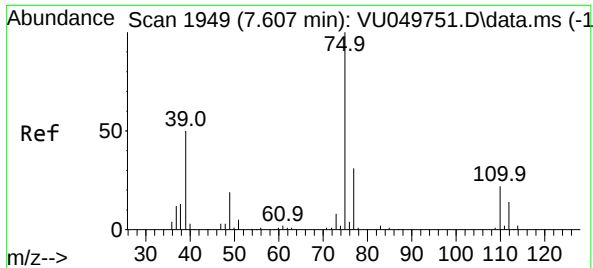
Delta R.T. -0.103 min

Lab File: VU049767.D

Acq: 18 Jul 2022 18:00

Tgt Ion:	63	Resp:	14356
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.220 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049767.D

Acq: 18 Jul 2022 18:00

Instrument :

MSVOA_U

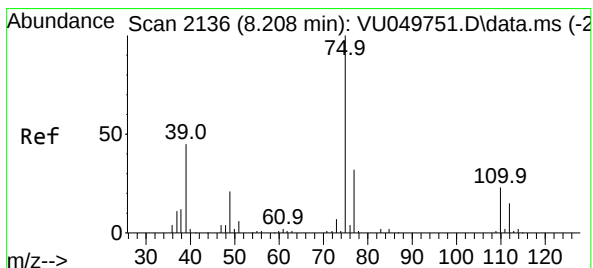
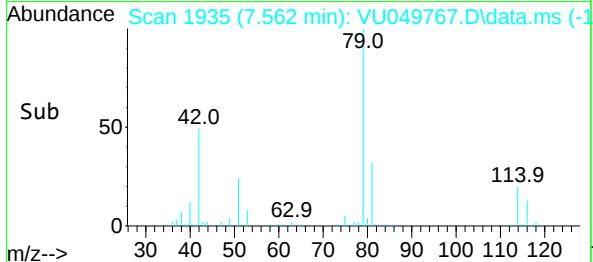
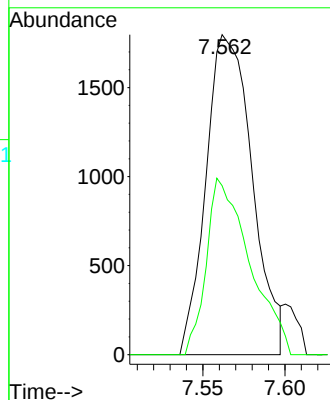
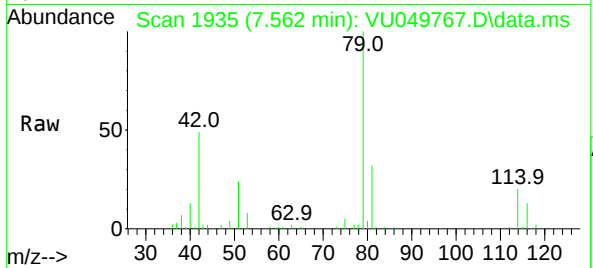
ClientSampleId :

Tgt Ion: 75 Resp: 3521

Ion Ratio Lower Upper

75 100

77 52.8 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.971 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049767.D

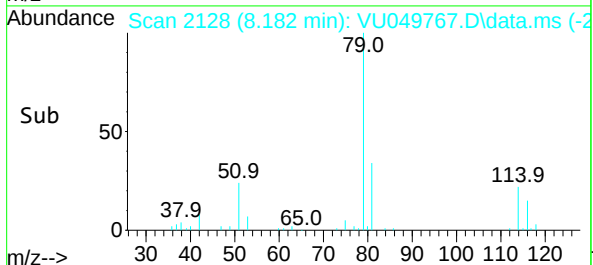
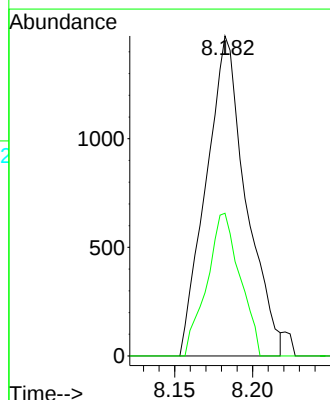
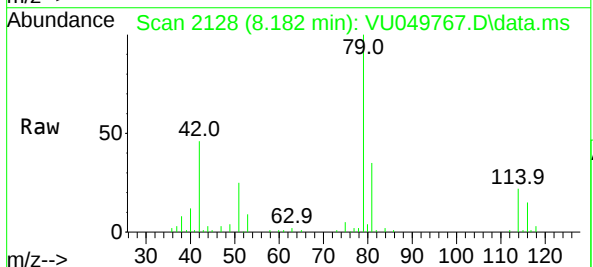
Acq: 18 Jul 2022 18:00

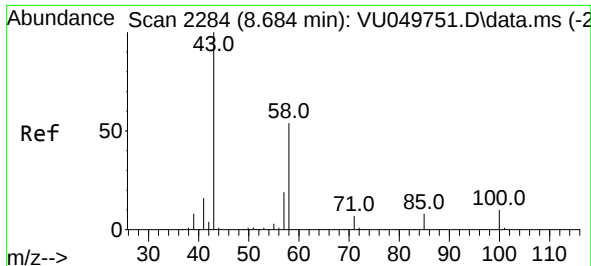
Tgt Ion: 75 Resp: 2630

Ion Ratio Lower Upper

75 100

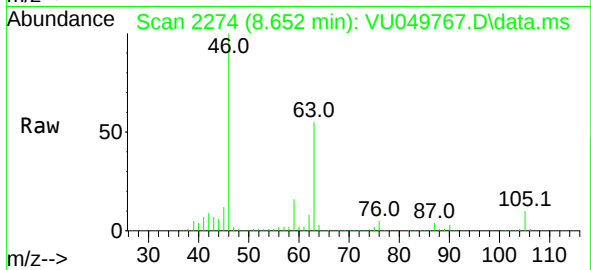
77 44.6 22.5 41.9#



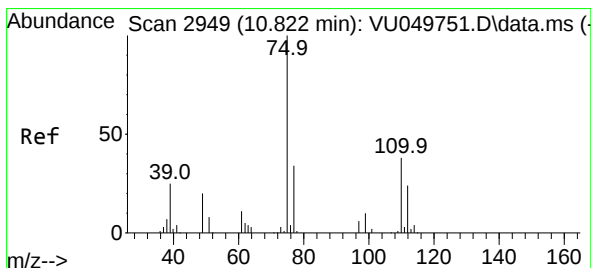
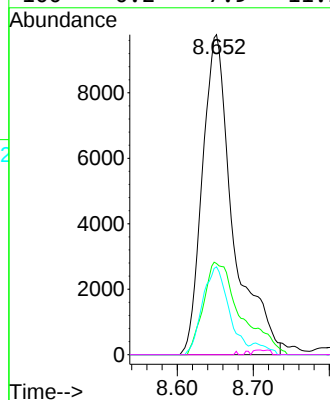
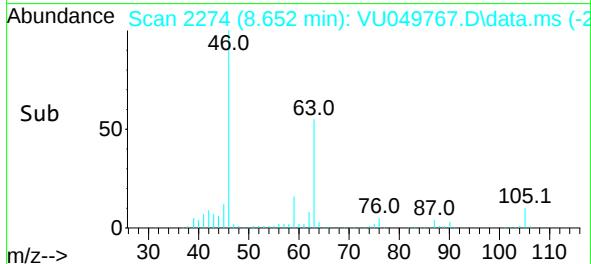


#48
2-Hexanone
Concen: 9.872 ug/L
RT: 8.652 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU049767.D
Acq: 18 Jul 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 27328
Ion Ratio Lower Upper
43 100
58 17.0 42.6 64.0#
57 23.6 15.0 22.6#
100 0.2 7.9 11.9#



#60
1,2,3-Trichloropropane
Concen: 5.203 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049767.D
Acq: 18 Jul 2022 18:00

Tgt Ion: 75 Resp: 13331
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
110 2.0 28.9 43.3#

