

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 :
 F5B70MERE

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)

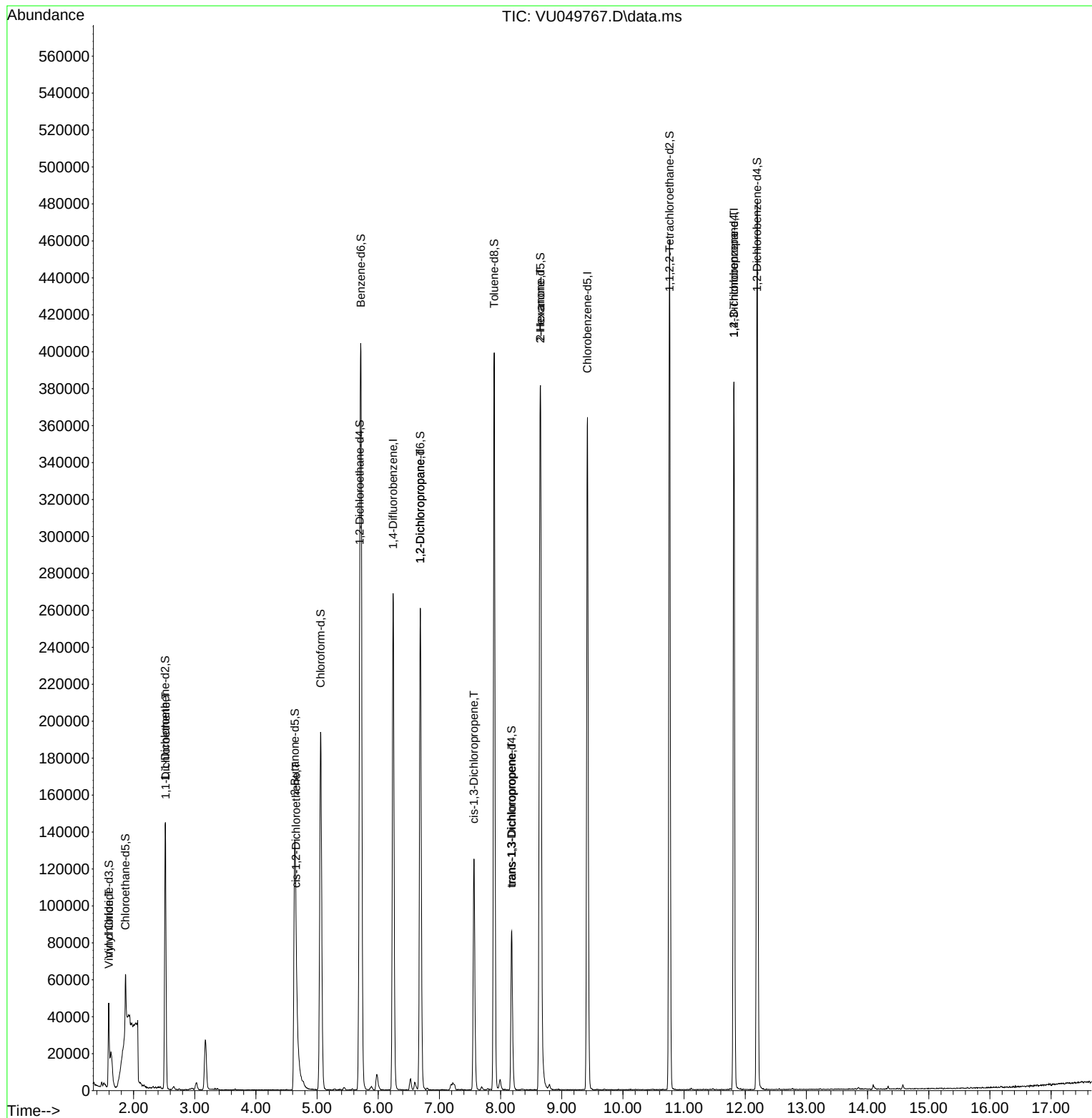
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	211068	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	205384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	96201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36805	20.667	ug/L	0.00
Spiked Amount	50.000	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						
					Qvalue	
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

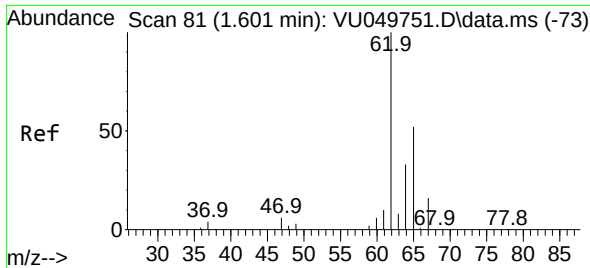
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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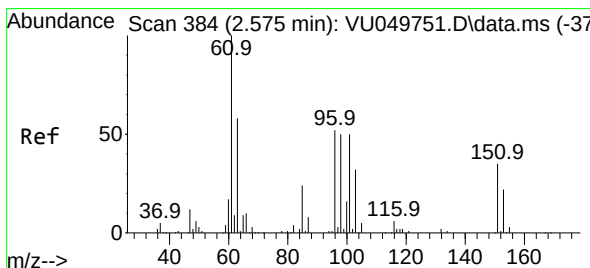
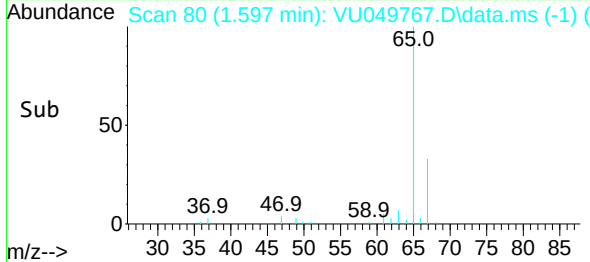
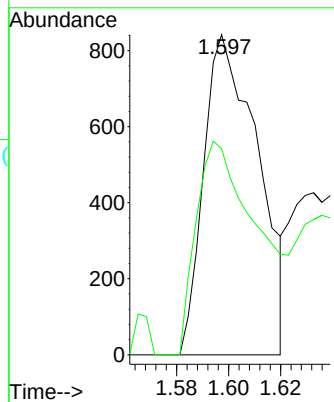
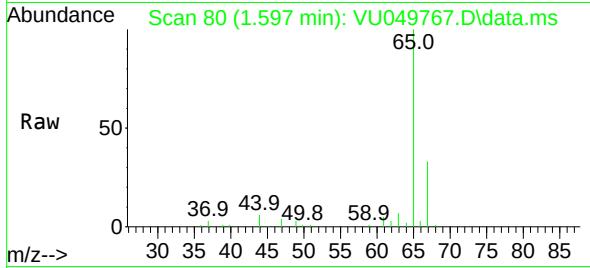




#5
 Vinyl chloride
 Concen: 0.486 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU049767.D
 Acq: 18 Jul 2022 18:00

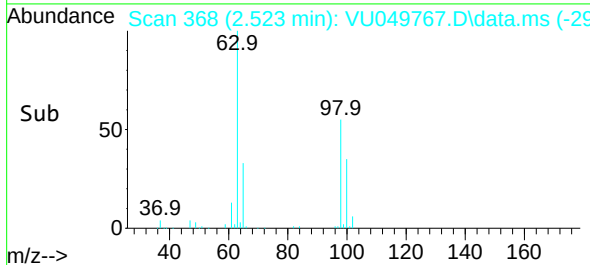
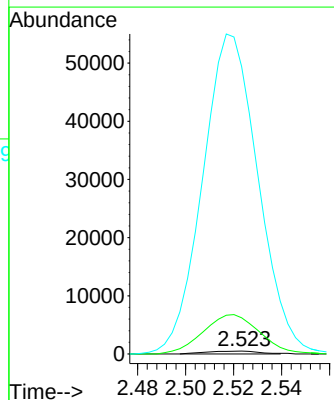
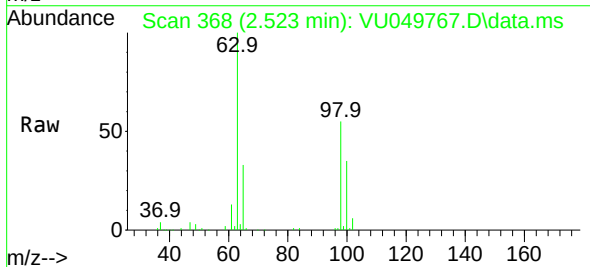
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70MERE

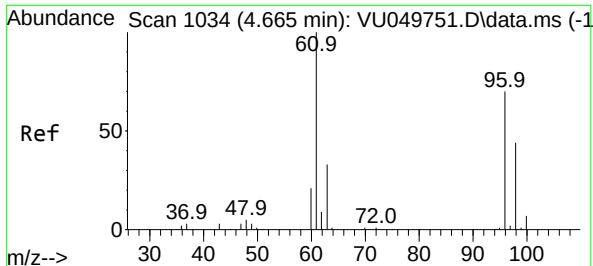
Tgt Ion: 62 Resp: 1220
 Ion Ratio Lower Upper
 62 100
 64 64.4 23.0 42.6#



#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#

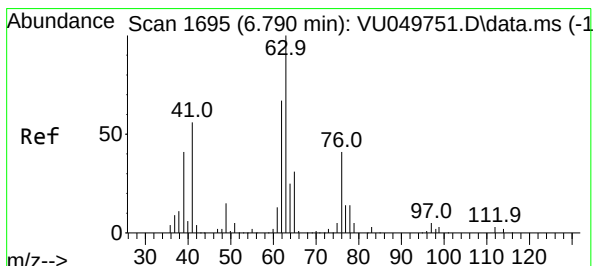
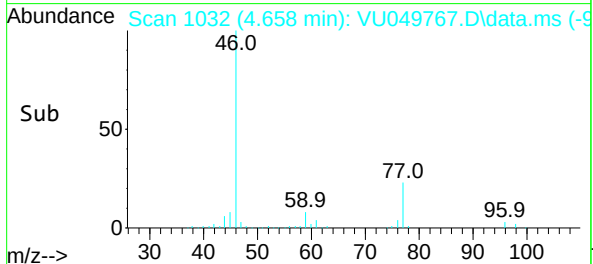
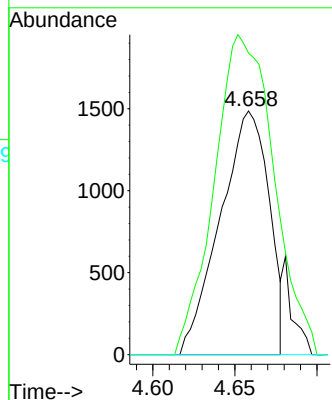
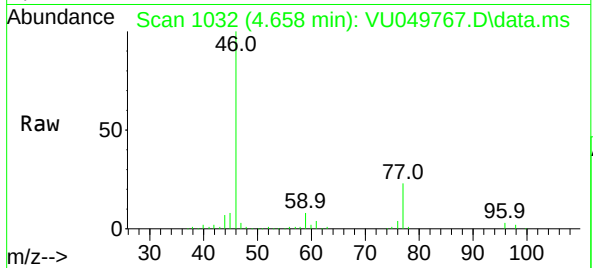




#20
 cis-1,2-Dichloroethene
 Concen: 1.661 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.006 min
 Lab File: VU049767.D
 Acq: 18 Jul 2022 18:00

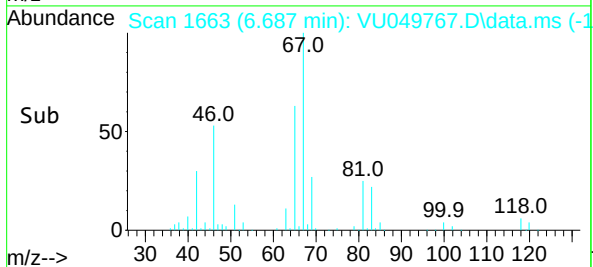
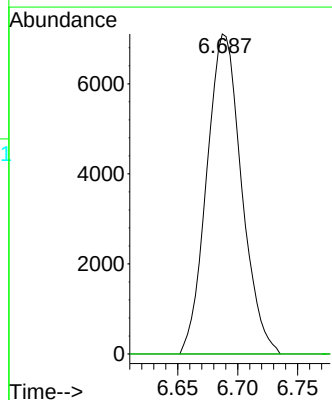
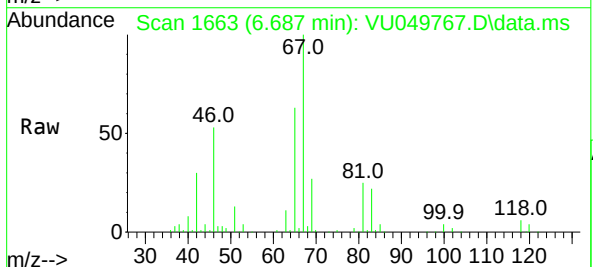
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70MERE

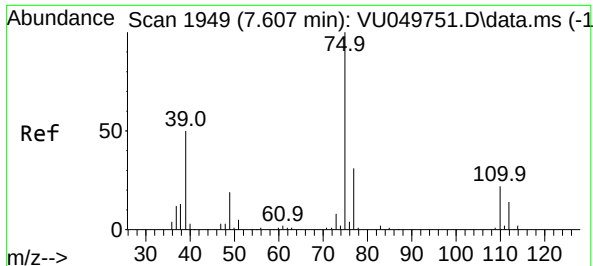
Tgt Ion: 96 Resp: 3082
 Ion Ratio Lower Upper
 96 100
 61 123.8 101.1 187.7
 68 0.0 0.0 0.0



#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 :

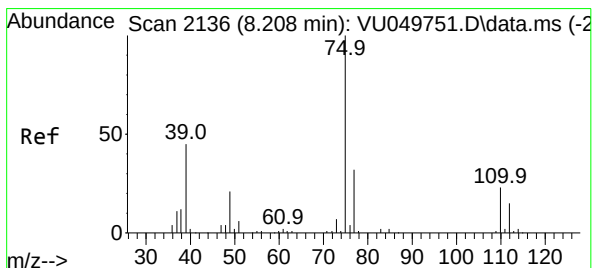
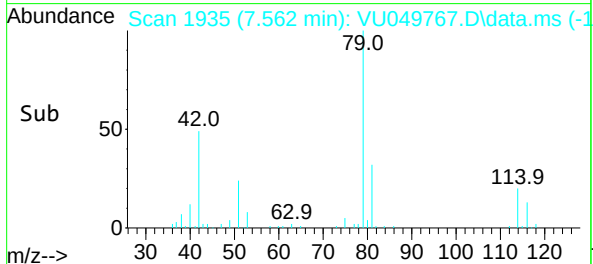
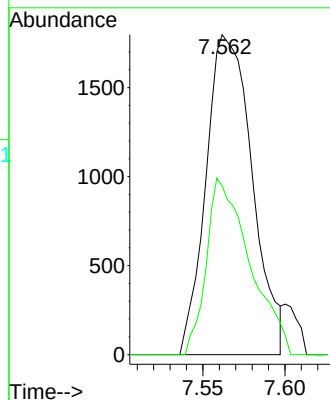
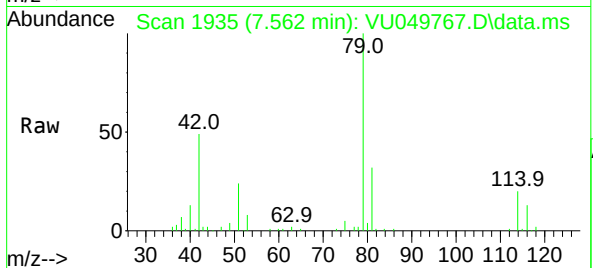
F5B70MERE

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

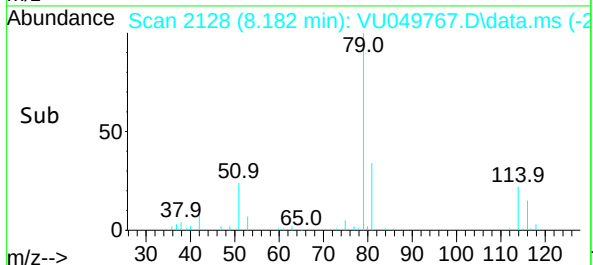
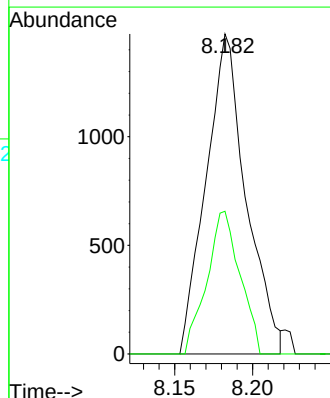
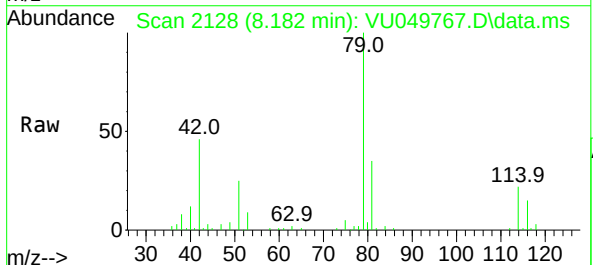
Acq: 18 Jul 2022 18:00

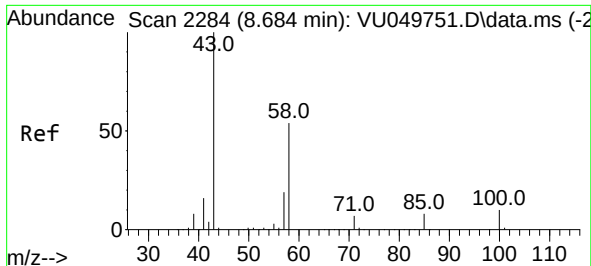
Tgt Ion: 75 Resp: 2630

Ion Ratio Lower Upper

75 100

77 44.6 22.5 41.9#

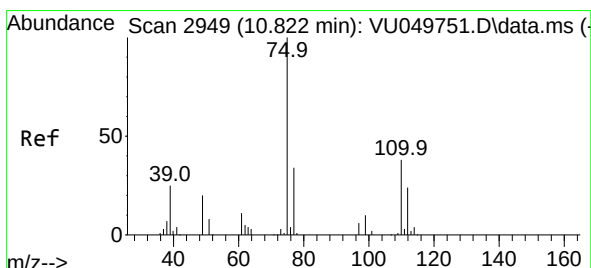
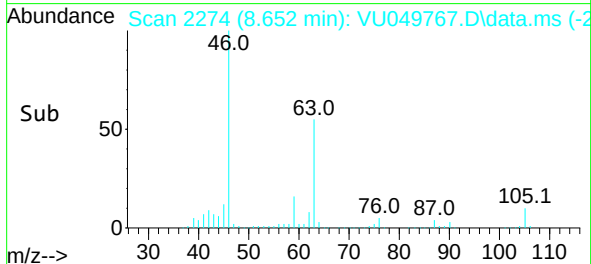
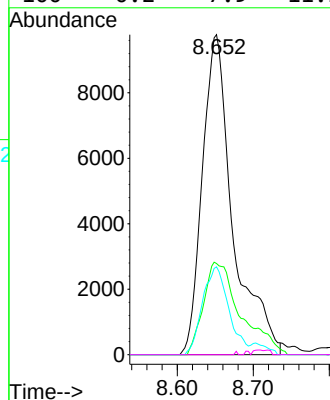
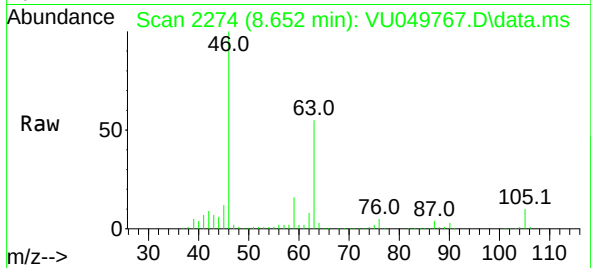




#48
2-Hexanone
Concen: 9.872 ug/L
RT: 8.652 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU049767.D
Acq: 18 Jul 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :
F5B70MERE

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#

