

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049764.D
 Acq On : 18 Jul 2022 16:27
 Operator : SY/MD
 Sample : N3700-11ME
 Misc : 6.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 02:11:57 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)

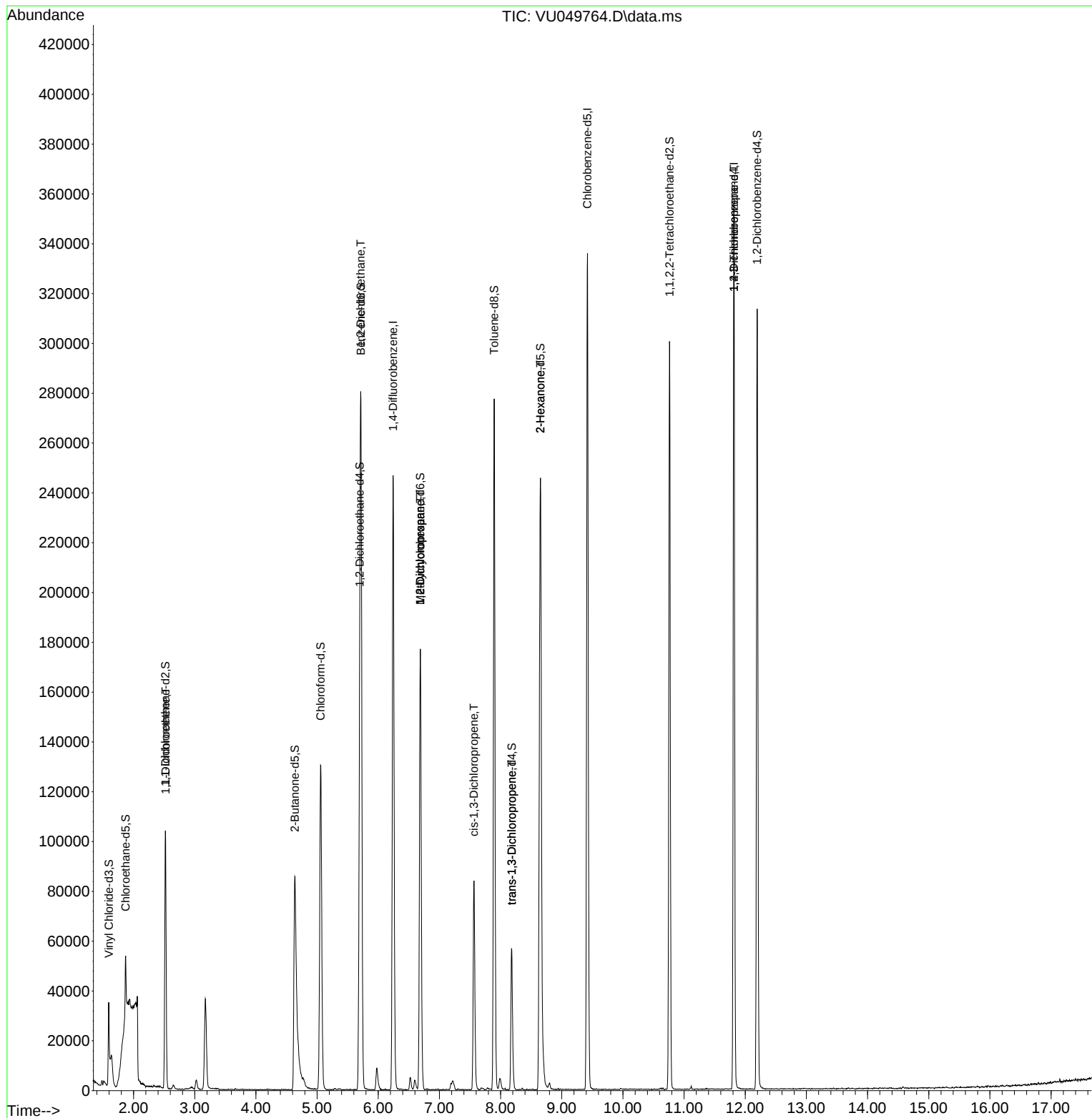
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	196132	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	192221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	88030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	26448	15.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	31.960%#		
7) Chloroethane-d5	1.871	69	20916	17.485	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.980%#		
11) 1,1-Dichloroethene-d2	2.520	63	63399	21.689	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	43.380%#		
21) 2-Butanone-d5	4.636	46	171369	121.306	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.310%		
24) Chloroform-d	5.057	84	123976	42.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.600%		
26) 1,2-Dichloroethane-d4	5.697	65	92513	46.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
32) Benzene-d6	5.716	84	221788	37.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.960%		
36) 1,2-Dichloropropane-d6	6.687	67	86567	44.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.140%		
41) Toluene-d8	7.896	98	179131	35.224	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.440%#		
43) trans-1,3-Dichloroprop...	8.182	79	35507	42.905	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.820%		
47) 2-Hexanone-d5	8.652	63	104465	118.234	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.230%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	148812	54.146	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	79879	48.127	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.523	96	496	0.354	ug/L #	1
27) 1,2-Dichloroethane	5.713	62	1594	0.585	ug/L #	76
35) Methylcyclohexane	6.687	83	20657	7.527	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	9830	4.908	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2144	0.794	ug/L #	65
44) trans-1,3-Dichloropropene	8.182	75	1771	0.698	ug/L #	89
48) 2-Hexanone	8.652	43	15425	5.954	ug/L #	74
60) 1,2,3-Trichloropropane	11.816	75	12193	5.200	ug/L #	68

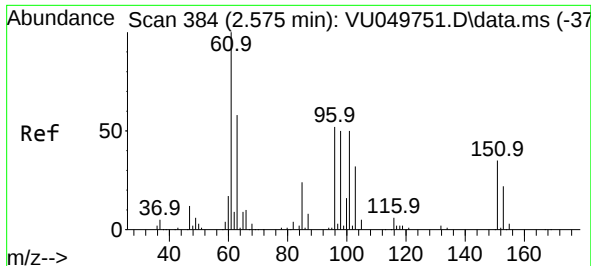
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 2.523 min Scan# 3

Delta R.T. -0.051 min

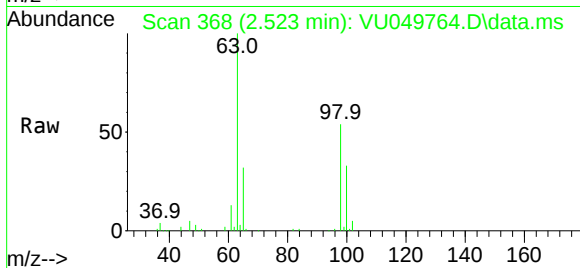
Lab File: VU049764.D

Acq: 18 Jul 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :



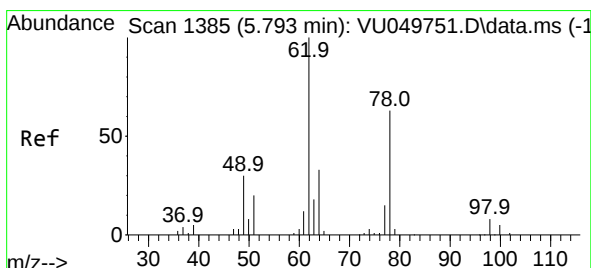
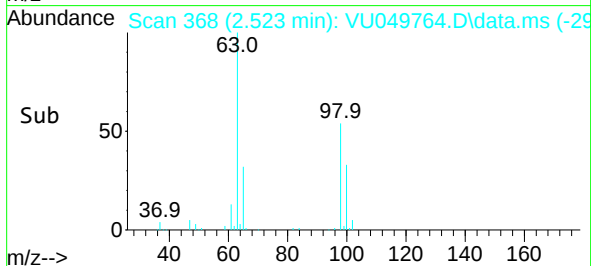
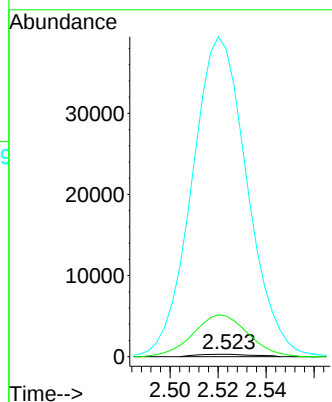
Tgt Ion: 96 Resp: 496

Ion Ratio Lower Upper

96 100

61 1635.9 129.6 240.6#

63 12394.8 79.0 146.6#



#27

1,2-Dichloroethane

Concen: 0.585 ug/L

RT: 5.713 min Scan# 1360

Delta R.T. -0.080 min

Lab File: VU049764.D

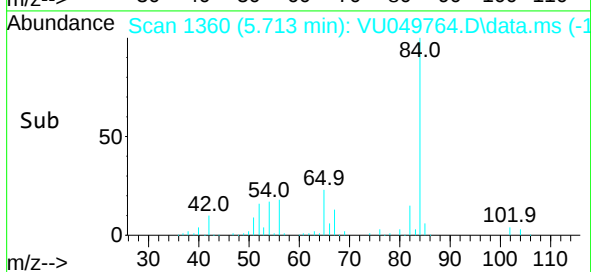
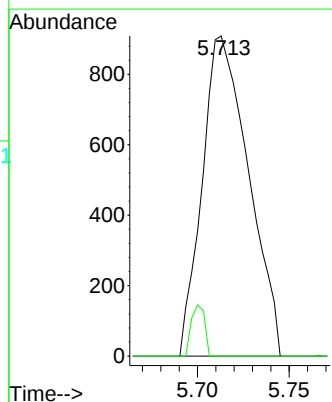
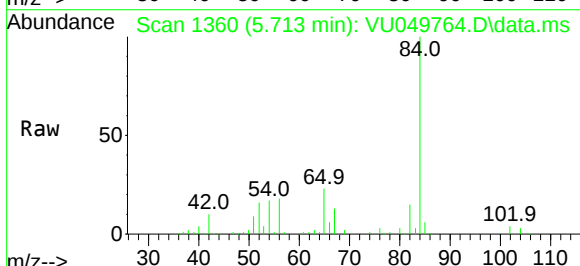
Acq: 18 Jul 2022 16:27

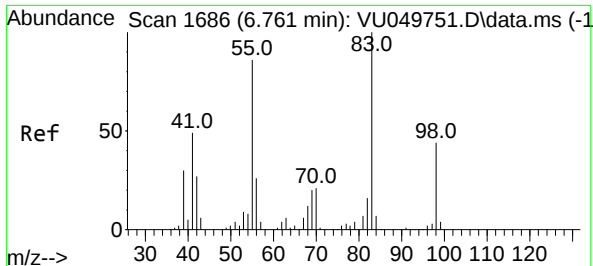
Tgt Ion: 62 Resp: 1594

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

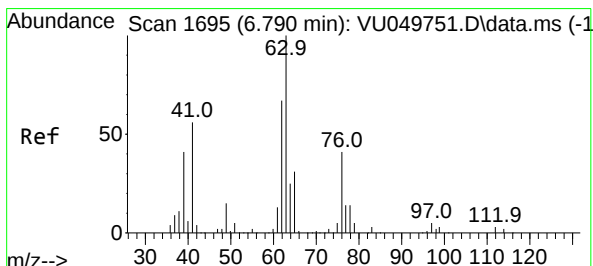
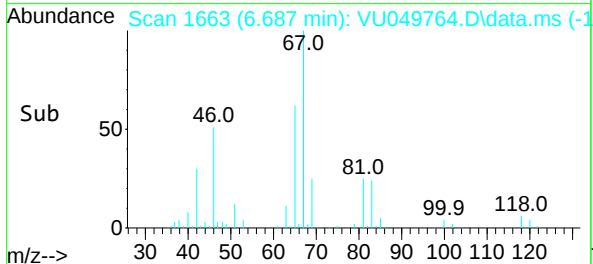
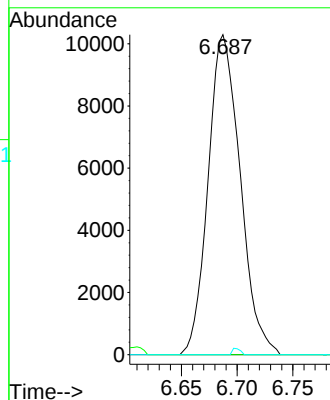
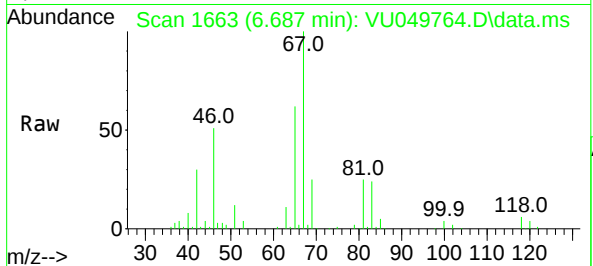




#35
Methylcyclohexane
Concen: 7.527 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049764.D
Acq: 18 Jul 2022 16:27

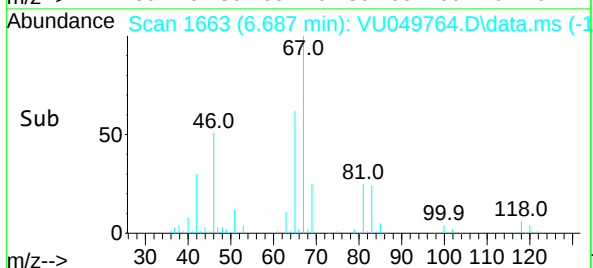
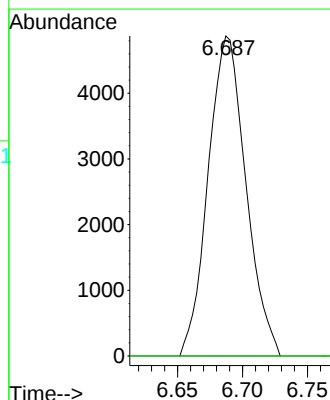
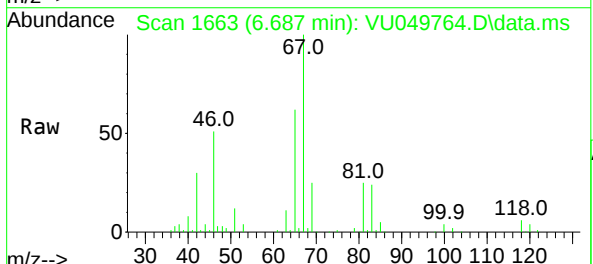
Instrument :
MSVOA_U
ClientSampleId :

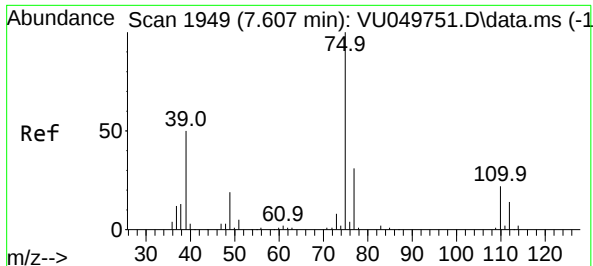
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.0	99.0#
98	0.5	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 4.908 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049764.D
Acq: 18 Jul 2022 16:27

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





#39

cis-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049764.D

Acq: 18 Jul 2022 16:27

Instrument :

MSVOA_U

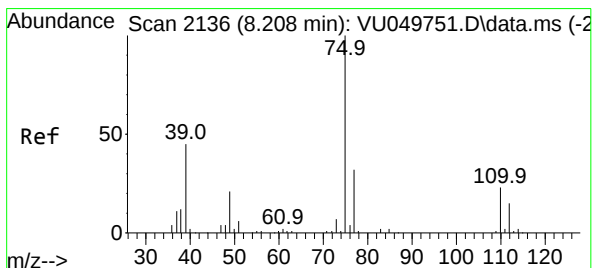
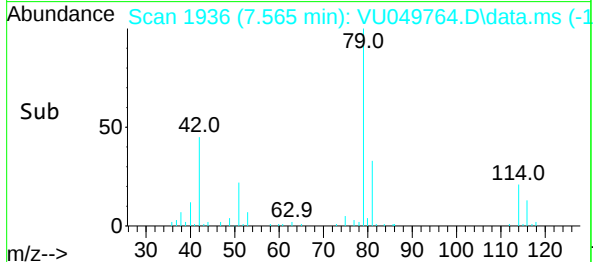
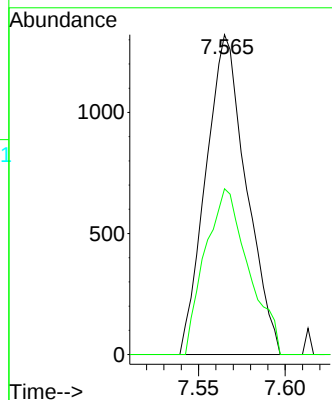
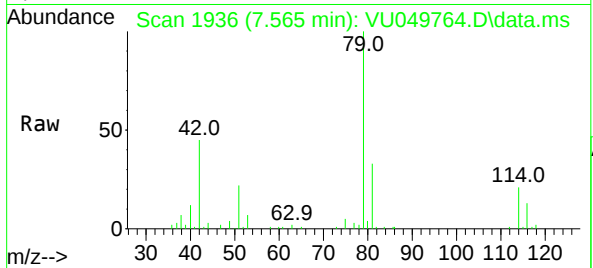
ClientSampleId :

Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 51.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049764.D

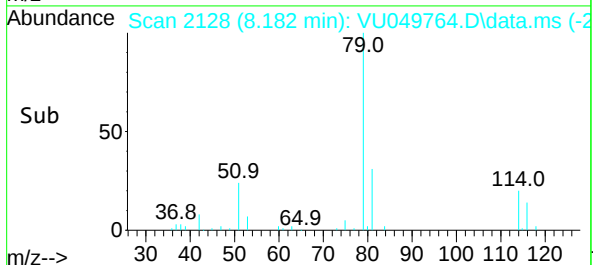
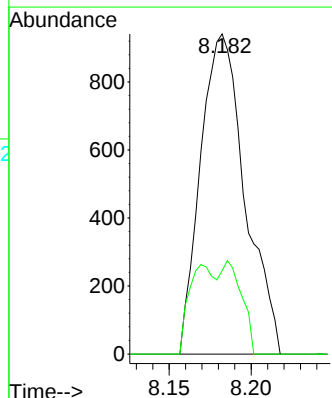
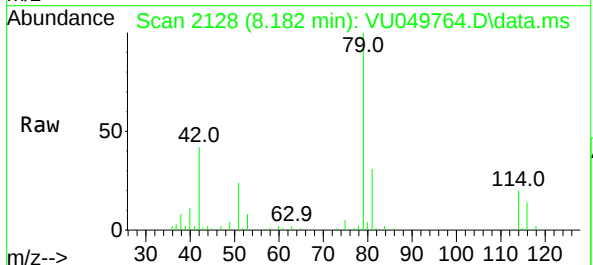
Acq: 18 Jul 2022 16:27

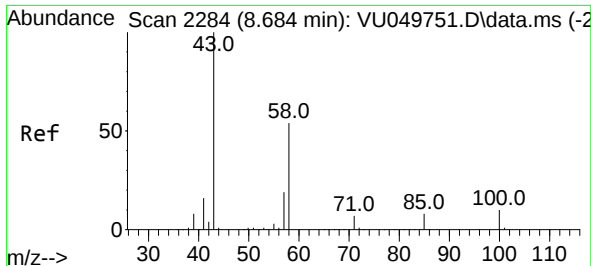
Tgt Ion: 75 Resp: 1771

Ion Ratio Lower Upper

75 100

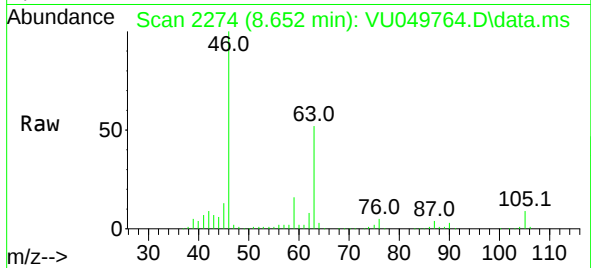
77 26.0 22.5 41.9



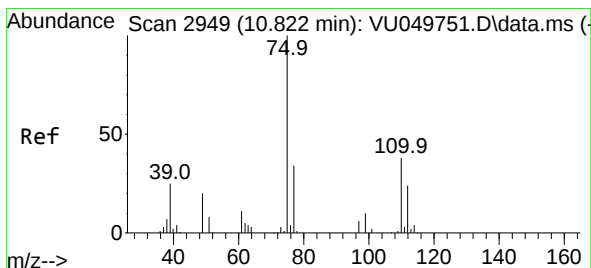
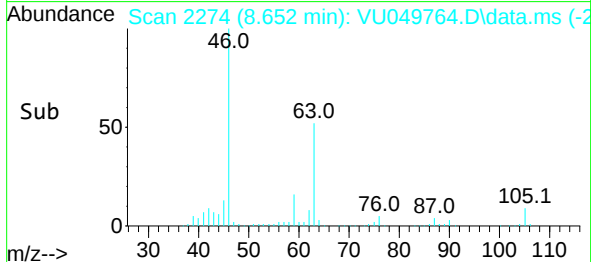
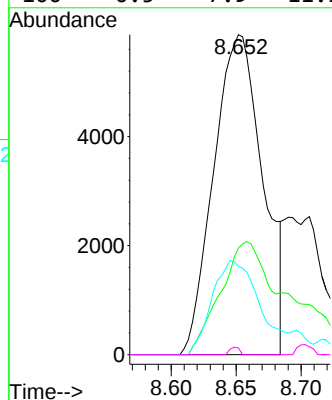


#48
2-Hexanone
Concen: 5.954 ug/L
RT: 8.652 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU049764.D
Acq: 18 Jul 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	42.6	64.0#
57	28.7	15.0	22.6#
100	0.5	7.9	11.9#



#60
1,2,3-Trichloropropane
Concen: 5.200 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049764.D
Acq: 18 Jul 2022 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.5	38.3
110	2.5	28.9	43.3#

