

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049742.D
 Acq On : 15 Jul 2022 17:22
 Operator : SY/MD
 Sample : N3679-14ME
 Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B54ME

Quant Time: Jul 15 23:08:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

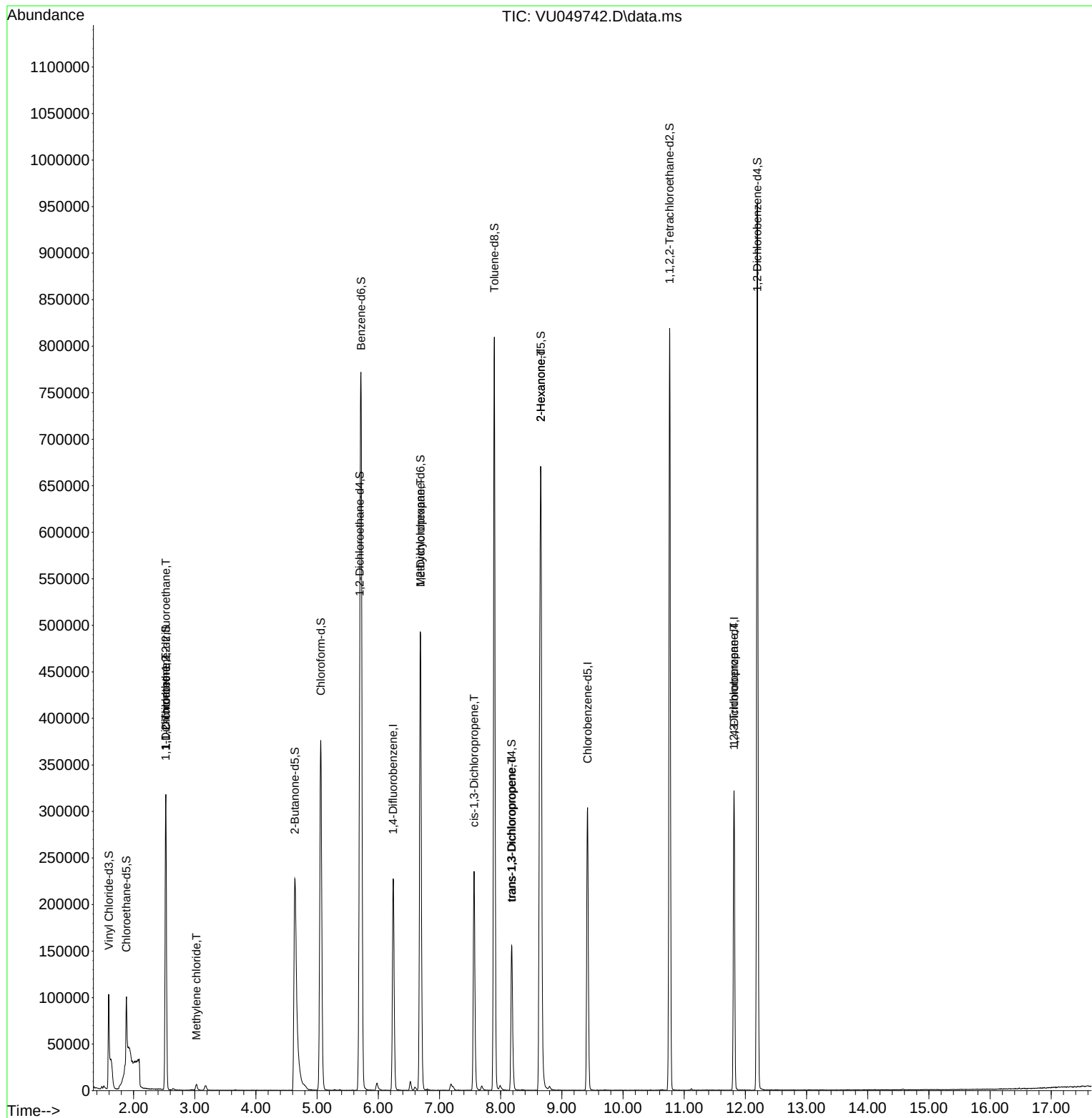
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	179879	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	170876	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	78571	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	92061	60.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 121.320%	
7) Chloroethane-d5	1.883	69	61406	55.973	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.940%	
11) 1,1-Dichloroethene-d2	2.527	63	193846	72.307	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	= 144.620%#	
21) 2-Butanone-d5	4.636	46	470312	362.999	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	= 363.000%#	
24) Chloroform-d	5.060	84	353898	131.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 263.300%#	
26) 1,2-Dichloroethane-d4	5.697	65	252775	138.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 277.880%#	
32) Benzene-d6	5.719	84	612476	117.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 235.960%#	
36) 1,2-Dichloropropane-d6	6.687	67	240768	137.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 275.780%#	
41) Toluene-d8	7.896	98	518332	114.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 229.320%#	
43) trans-1,3-Dichloroprop...	8.179	79	96368	130.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 261.980%#	
47) 2-Hexanone-d5	8.655	63	308073	392.232	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 392.230%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	402416	164.712	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 329.420%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	227962	153.881	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 307.760%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1419	1.024	ug/L #	20
12) 1,1-Dichloroethene	2.523	96	1475	1.147	ug/L #	1
16) Methylene chloride	3.028	84	3070	1.896	ug/L	86
35) Methylcyclohexane	6.687	83	54254	22.238	ug/L #	17
39) cis-1,3-Dichloropropene	7.565	75	7037	2.931	ug/L #	80
44) trans-1,3-Dichloropropene	8.182	75	4779	2.120	ug/L	92
48) 2-Hexanone	8.655	43	47432	20.595	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	11157	5.331	ug/L #	69

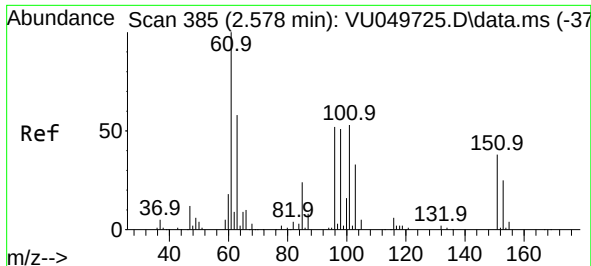
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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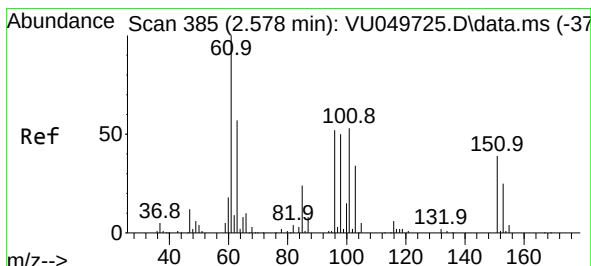
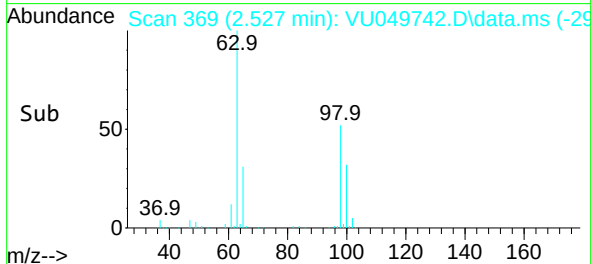
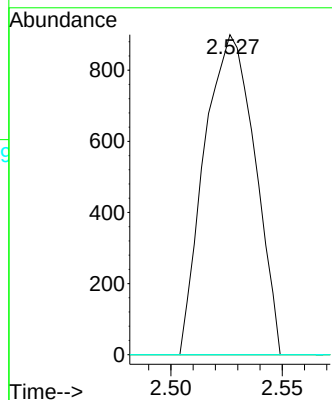
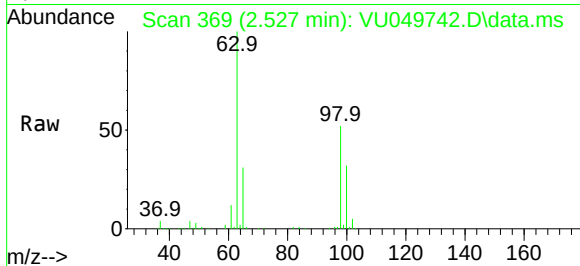




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.024 ug/L
 RT: 2.527 min Scan# 30
 Delta R.T. -0.051 min
 Lab File: VU049742.D
 Acq: 15 Jul 2022 17:22

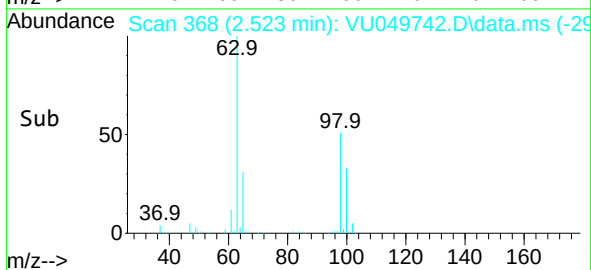
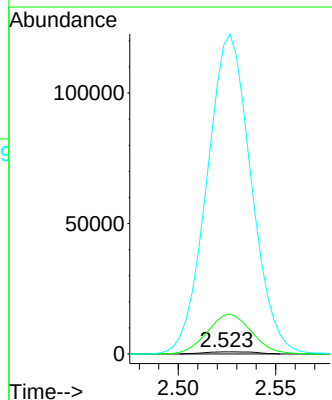
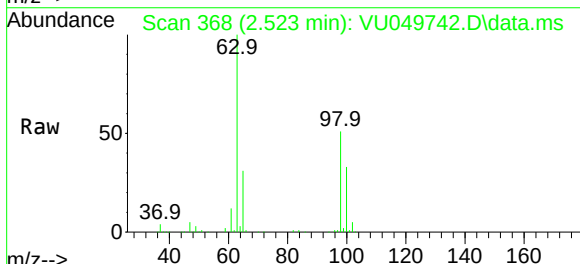
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B54ME

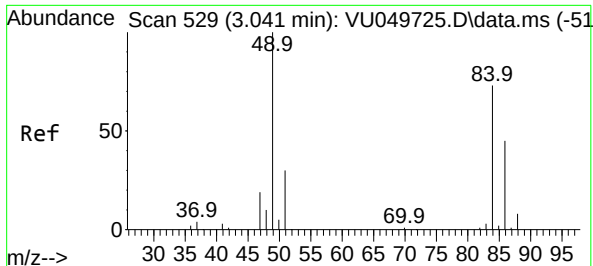
Tgt Ion:101 Resp: 1419
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 1.147 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.055 min
 Lab File: VU049742.D
 Acq: 15 Jul 2022 17:22

Tgt Ion: 96 Resp: 1475
 Ion Ratio Lower Upper
 96 100
 61 1801.6 129.6 240.6#
 63 14427.3 79.0 146.6#

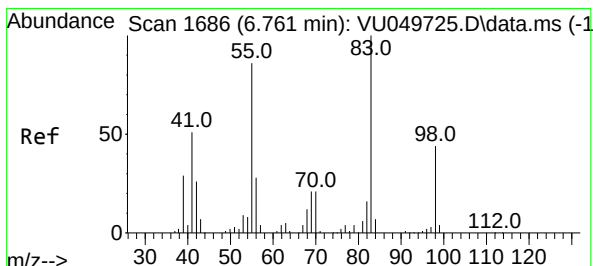
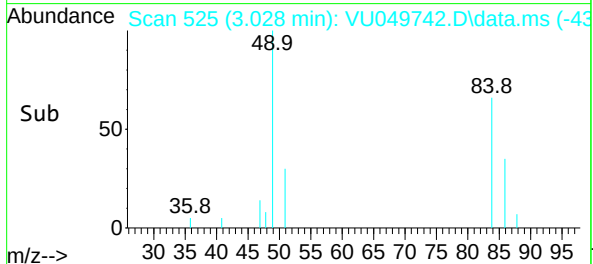
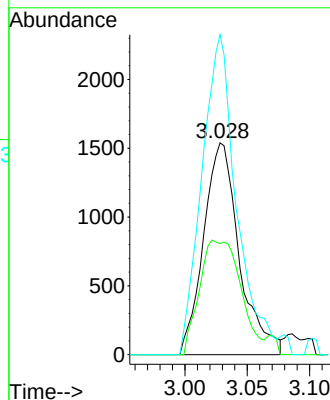
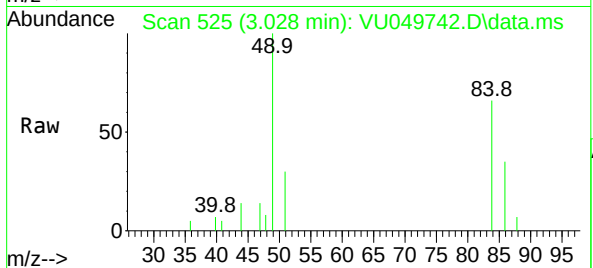




#16
Methylene chloride
Concen: 1.896 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU049742.D
Acq: 15 Jul 2022 17:22

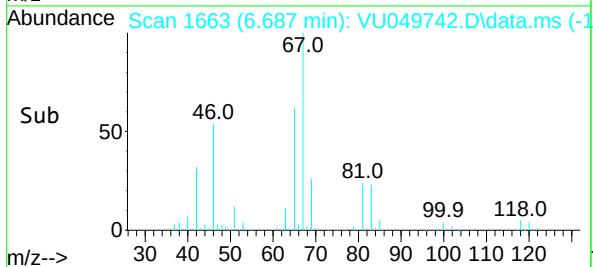
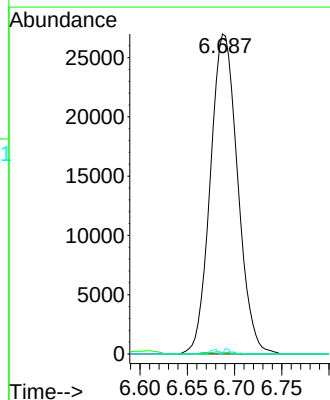
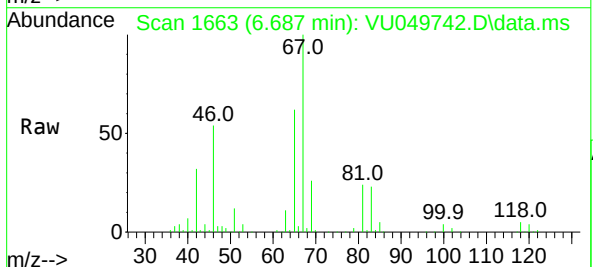
Instrument :
MSVOA_U
ClientSampleId :
F5B54ME

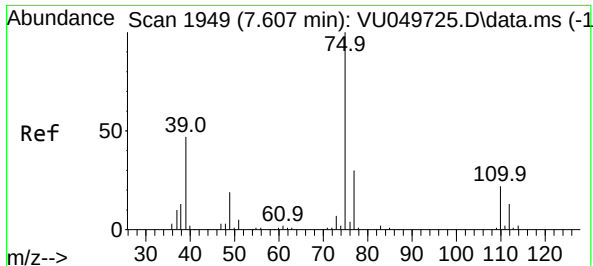
Tgt Ion: 84 Resp: 3070
Ion Ratio Lower Upper
84 100
86 52.5 45.6 84.6
49 151.0 94.4 175.4



#35
Methylcyclohexane
Concen: 22.238 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049742.D
Acq: 15 Jul 2022 17:22

Tgt Ion: 83 Resp: 54254
Ion Ratio Lower Upper
83 100
55 0.2 66.0 99.0#
98 0.3 34.6 51.8#





#39

cis-1,3-Dichloropropene

Concen: 2.931 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049742.D

Acq: 15 Jul 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

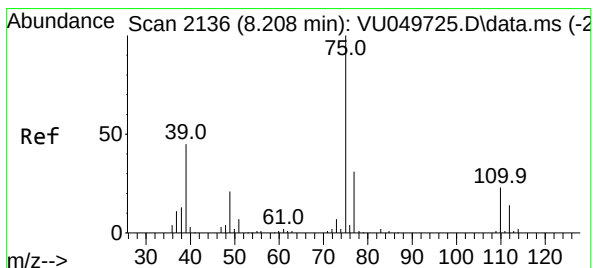
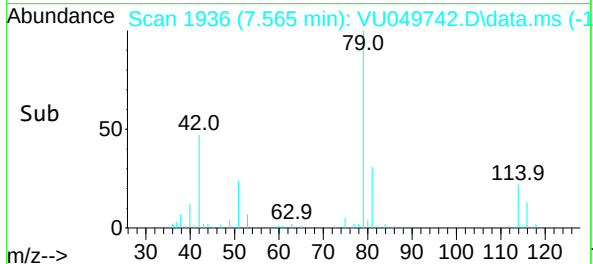
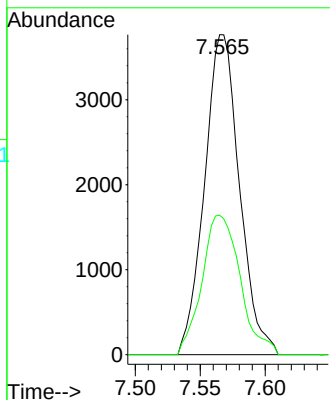
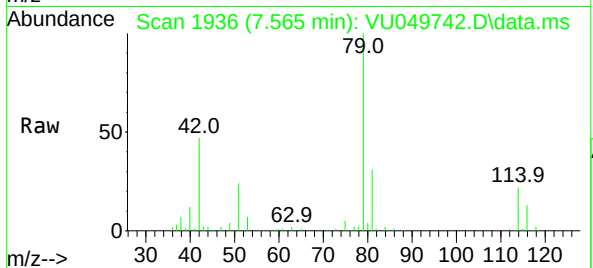
F5B54ME

Tgt Ion: 75 Resp: 7037

Ion Ratio Lower Upper

75 100

77 43.6 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 2.120 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049742.D

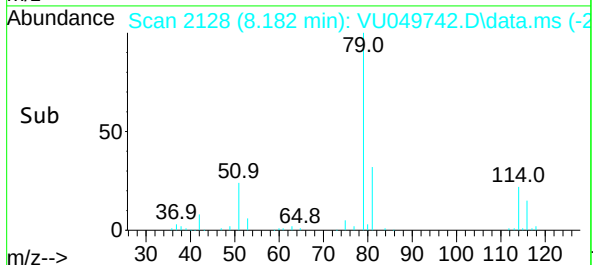
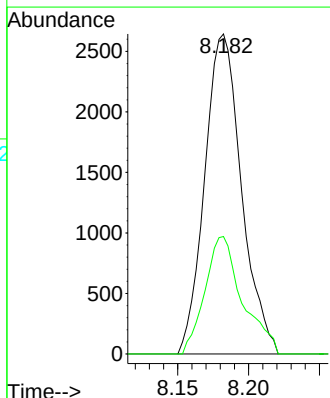
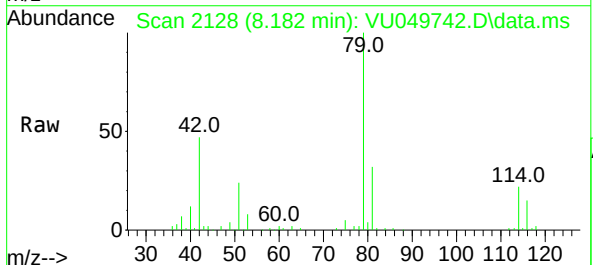
Acq: 15 Jul 2022 17:22

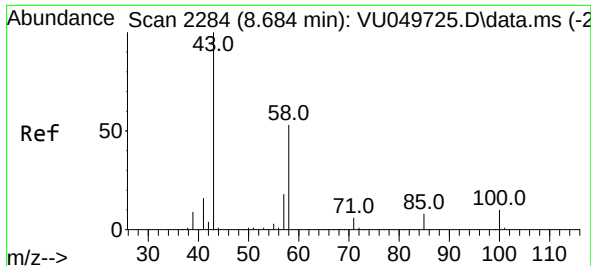
Tgt Ion: 75 Resp: 4779

Ion Ratio Lower Upper

75 100

77 36.7 22.5 41.9

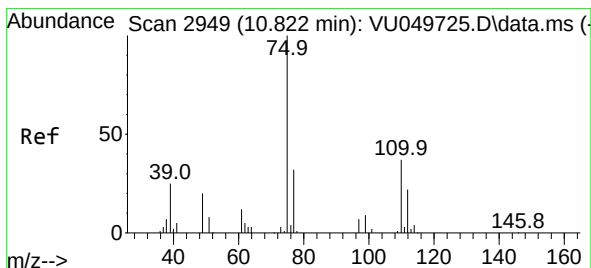
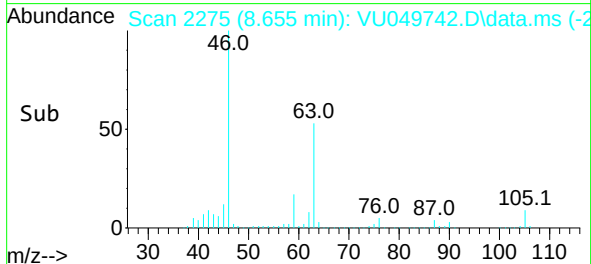
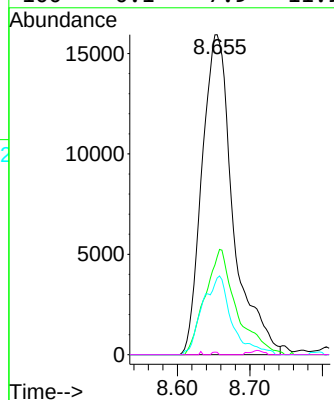
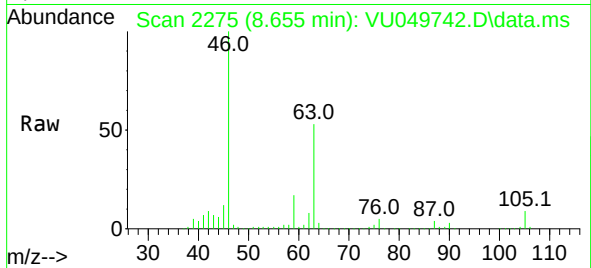




#48
2-Hexanone
Concen: 20.595 ug/L
RT: 8.655 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU049742.D
Acq: 15 Jul 2022 17:22

Instrument :
MSVOA_U
ClientSampleId :
F5B54ME

Tgt Ion:	43	Resp:	47432
Ion	Ratio	Lower	Upper
43	100		
58	33.1	42.6	64.0#
57	8.0	15.0	22.6#
100	0.1	7.9	11.9#



#60
1,2,3-Trichloropropane
Concen: 5.331 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049742.D
Acq: 15 Jul 2022 17:22

Tgt Ion:	75	Resp:	11157
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
110	2.7	28.9	43.3#

