

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049781.D
 Acq On : 19 Jul 2022 13:41
 Operator : SY/MD
 Sample : N3702-19ME
 Misc : 5.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

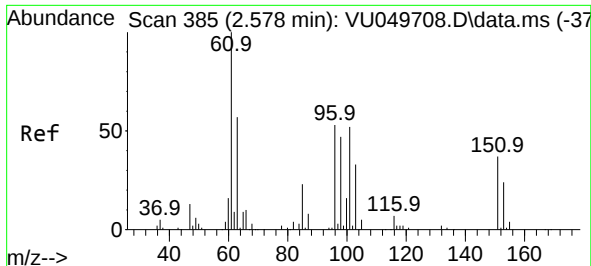
Instrument :
 MSVOA_U
 ClientSampleId :
 F5C73ME

Quant Time: Jul 20 02:16:20 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	345904	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	332188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	158882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	70097	24.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	48.040%#		
7) Chloroethane-d5	1.871	69	43772	20.749	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.500%#		
11) 1,1-Dichloroethene-d2	2.523	63	135459	26.276	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.560%#		
21) 2-Butanone-d5	4.633	46	199051	79.893	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.890%		
24) Chloroform-d	5.060	84	185087	35.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.620%		
26) 1,2-Dichloroethane-d4	5.697	65	131833	37.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.360%		
32) Benzene-d6	5.716	84	365656	36.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.460%		
36) 1,2-Dichloropropane-d6	6.687	67	126530	37.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.560%		
41) Toluene-d8	7.896	98	314492	35.785	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.560%#		
43) trans-1,3-Dichloroprop...	8.179	79	53640	37.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.020%		
47) 2-Hexanone-d5	8.652	63	124471	81.518	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.520%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	189164	39.828	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	113578	37.915	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.820%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.520	101	1044	0.392	ug/L #	20
12) 1,1-Dichloroethene	2.527	96	926	0.374	ug/L #	1
16) Methylene chloride	3.028	84	3456	1.110	ug/L	81
20) cis-1,2-Dichloroethene	4.655	96	5000	1.644	ug/L	99
35) Methylcyclohexane	6.687	83	28767	6.065	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	14220	4.109	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3505	0.751	ug/L #	63
46) Tetrachloroethene	8.549	164	11913	5.691	ug/L	97
49) Dibromochloromethane	8.549	129	12161	4.002	ug/L #	9
60) 1,2,3-Trichloropropane	11.812	75	21431	5.064	ug/L #	69

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.392 ug/L

RT: 2.520 min Scan# 3

Delta R.T. -0.055 min

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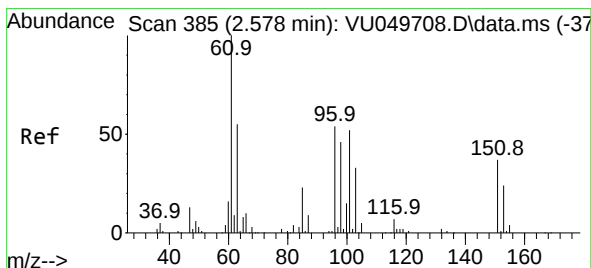
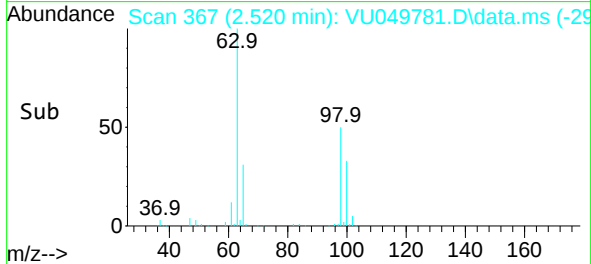
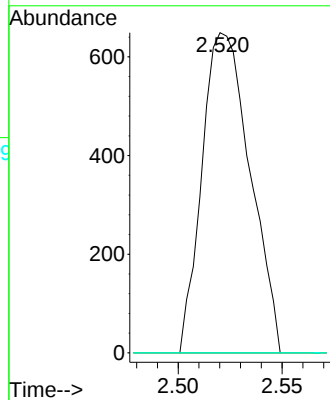
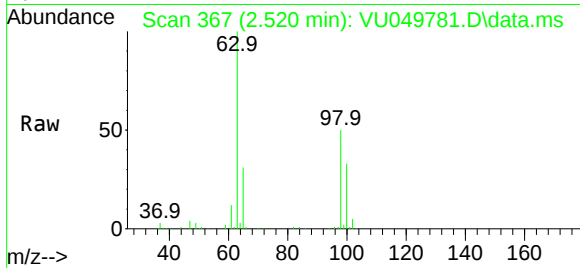
Tgt Ion:101 Resp: 1044

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: 0.374 ug/L

RT: 2.527 min Scan# 369

Delta R.T. -0.048 min

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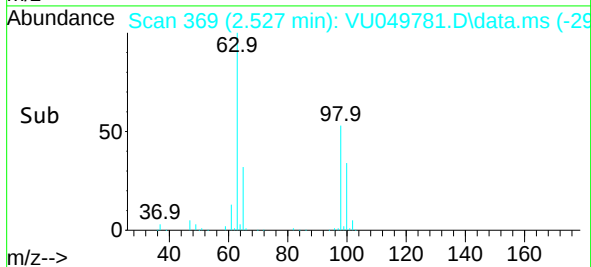
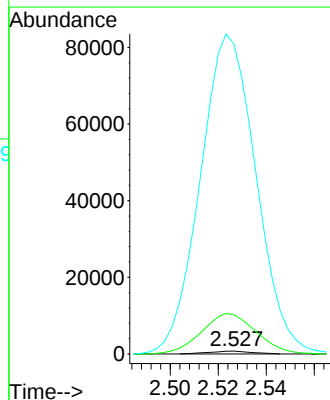
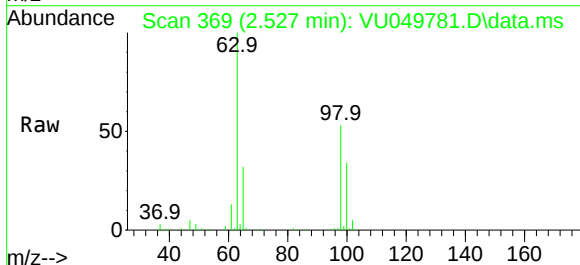
Tgt Ion: 96 Resp: 926

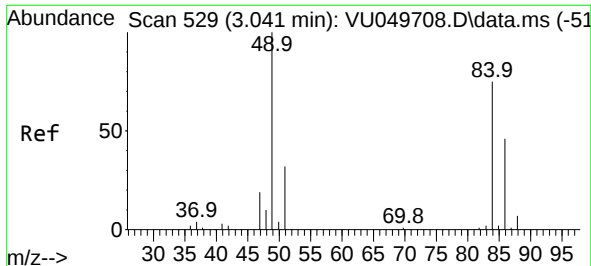
Ion Ratio Lower Upper

96 100

61 1391.2 129.6 240.6#

63 10963.4 79.0 146.6#

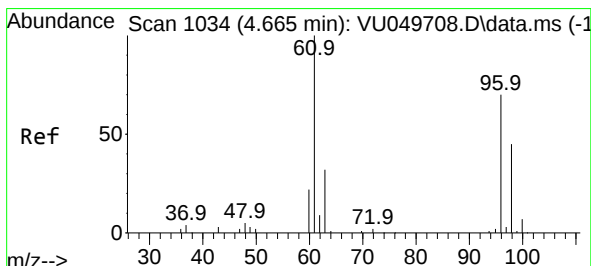
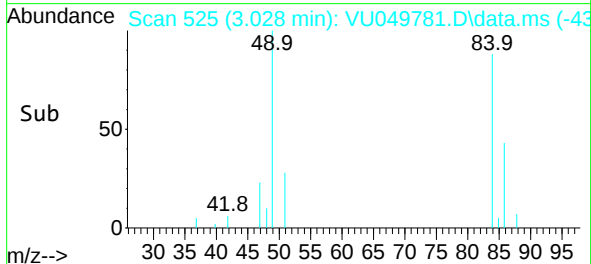
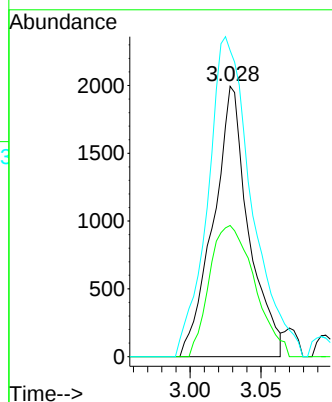
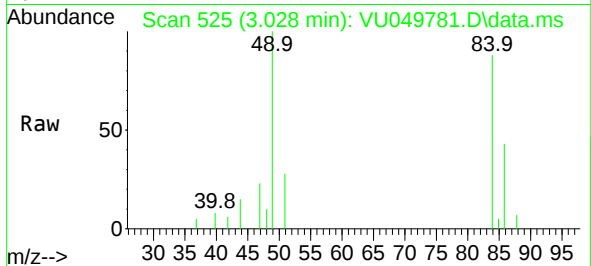




#16
Methylene chloride
Concen: 1.110 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
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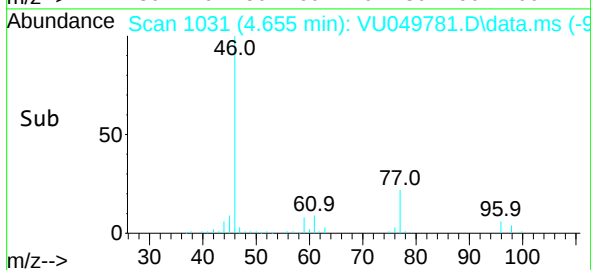
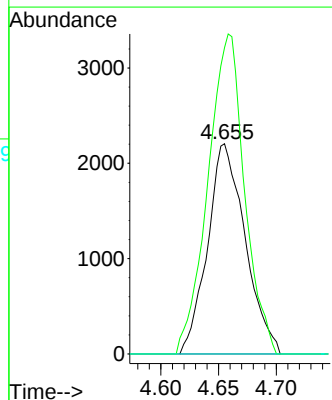
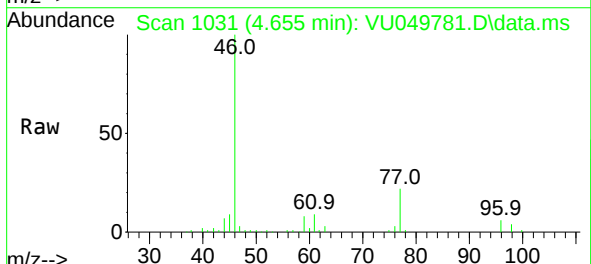
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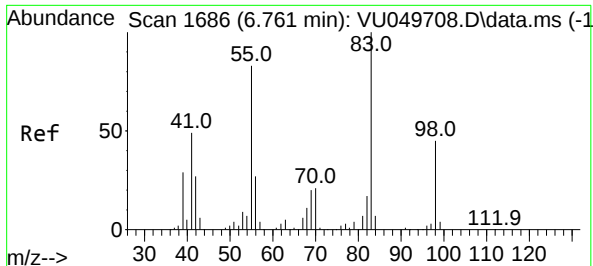
Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
86 48.5 45.6 84.6
49 113.3 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 1.644 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

Tgt Ion: 96 Resp: 5000
Ion Ratio Lower Upper
96 100
61 145.7 101.1 187.7
68 0.0 0.0 0.0

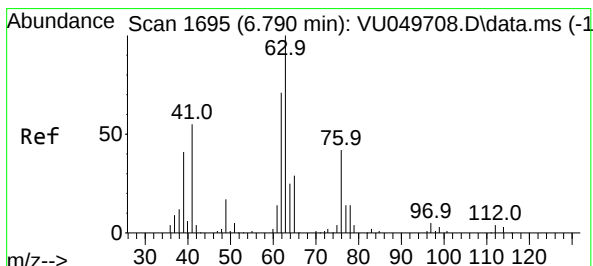
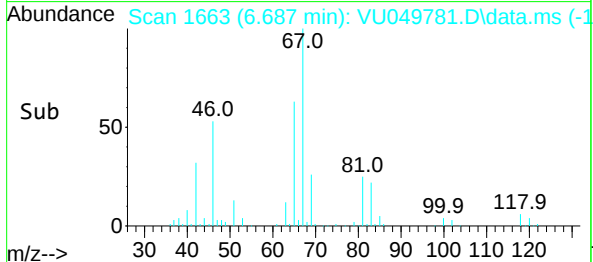
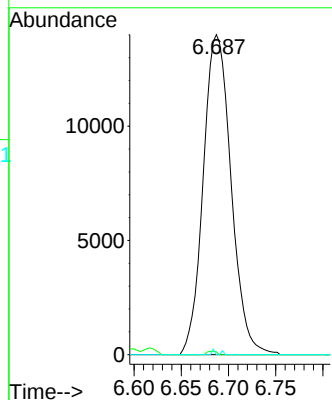
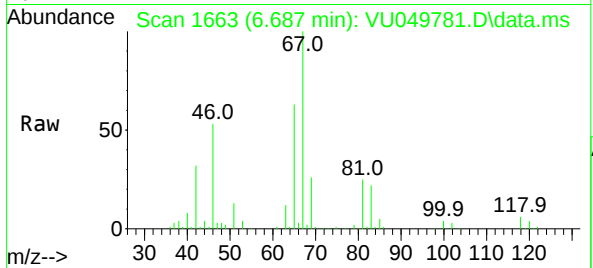




#35
Methylcyclohexane
Concen: 6.065 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

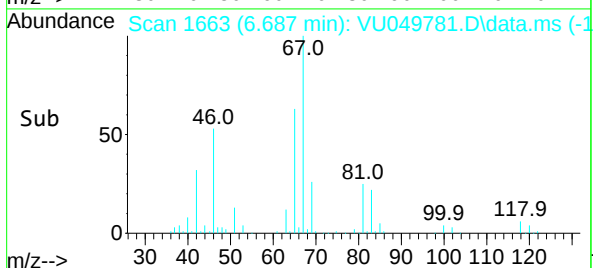
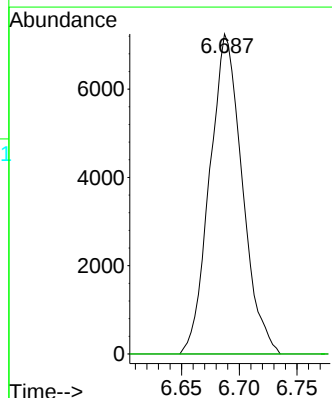
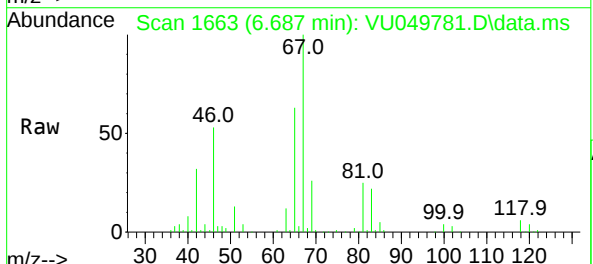
Instrument :
MSVOA_U
ClientSampleId :
F5C73ME

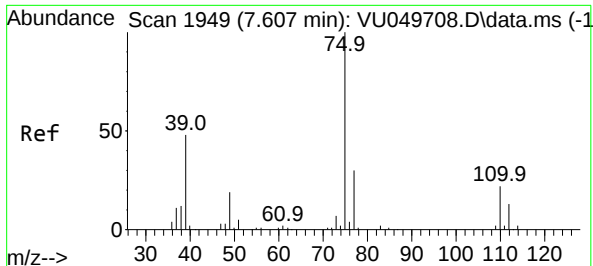
Tgt Ion: 83 Resp: 28767
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 0.0 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 4.109 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

Tgt Ion: 63 Resp: 14220
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

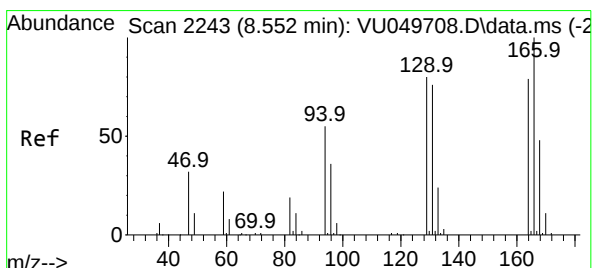
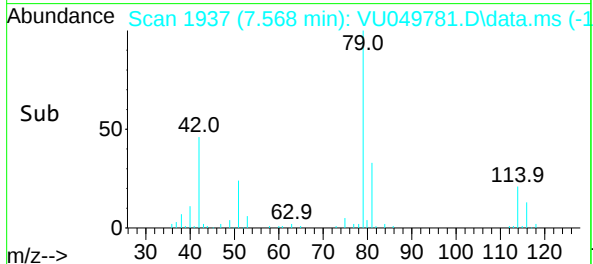
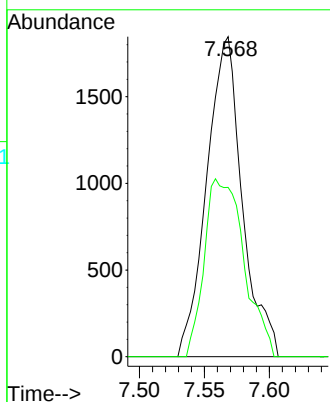
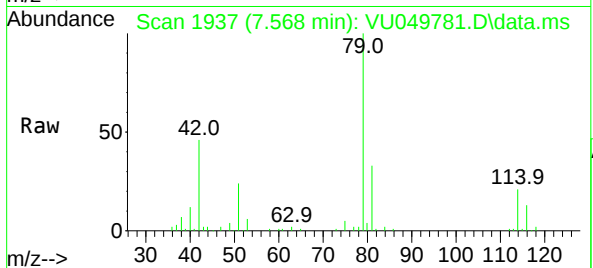




#39
cis-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

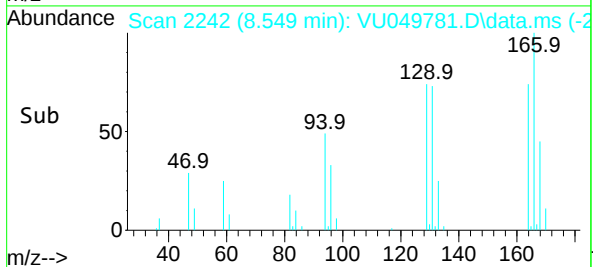
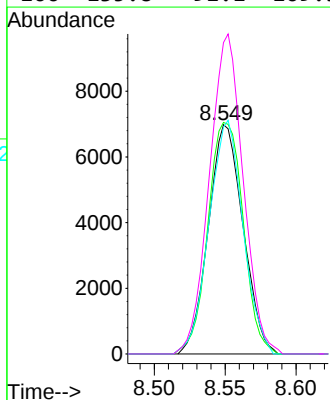
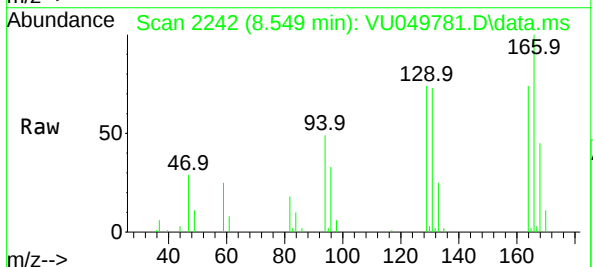
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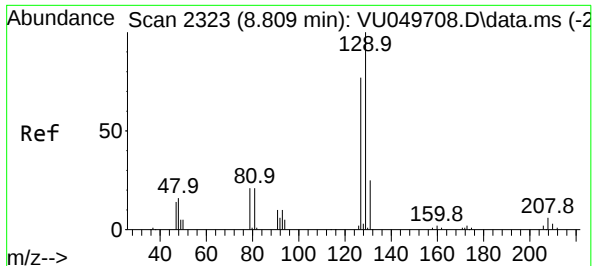
Tgt Ion: 75 Resp: 3505
Ion Ratio Lower Upper
75 100
77 52.9 22.6 42.0#



#46
Tetrachloroethene
Concen: 5.691 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

Tgt Ion:164 Resp: 11913
Ion Ratio Lower Upper
164 100
129 101.0 72.0 133.8
131 98.9 69.0 128.1
166 135.8 91.1 169.3





#49

Dibromochloromethane

Concen: 4.002 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU049781.D

Acq: 19 Jul 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

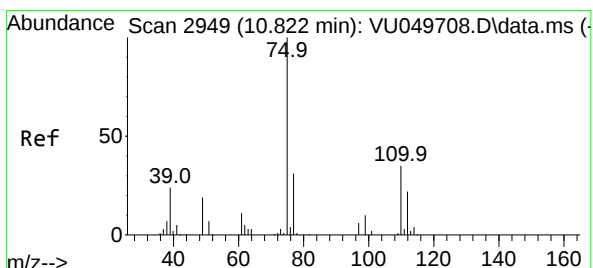
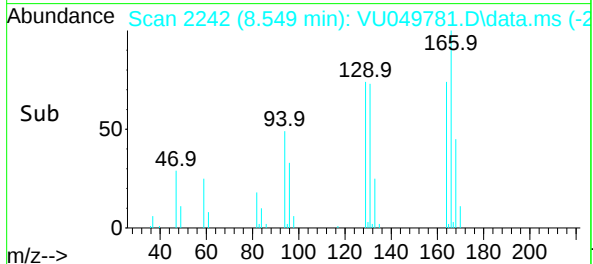
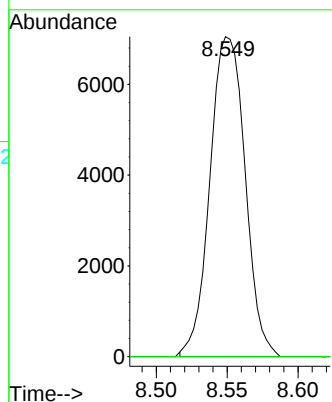
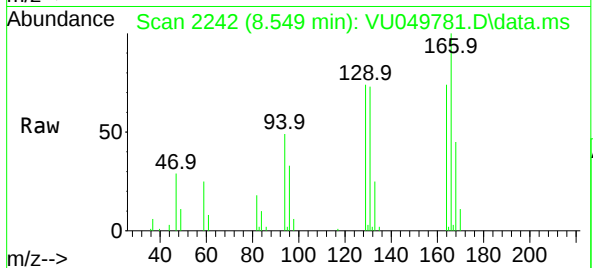
F5C73ME

Tgt Ion:129 Resp: 12161

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



#60

1,2,3-Trichloropropane

Concen: 5.064 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049781.D

Acq: 19 Jul 2022 13:41

Tgt Ion: 75 Resp: 21431

Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

110 2.7 28.9 43.3#

