

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 :

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)

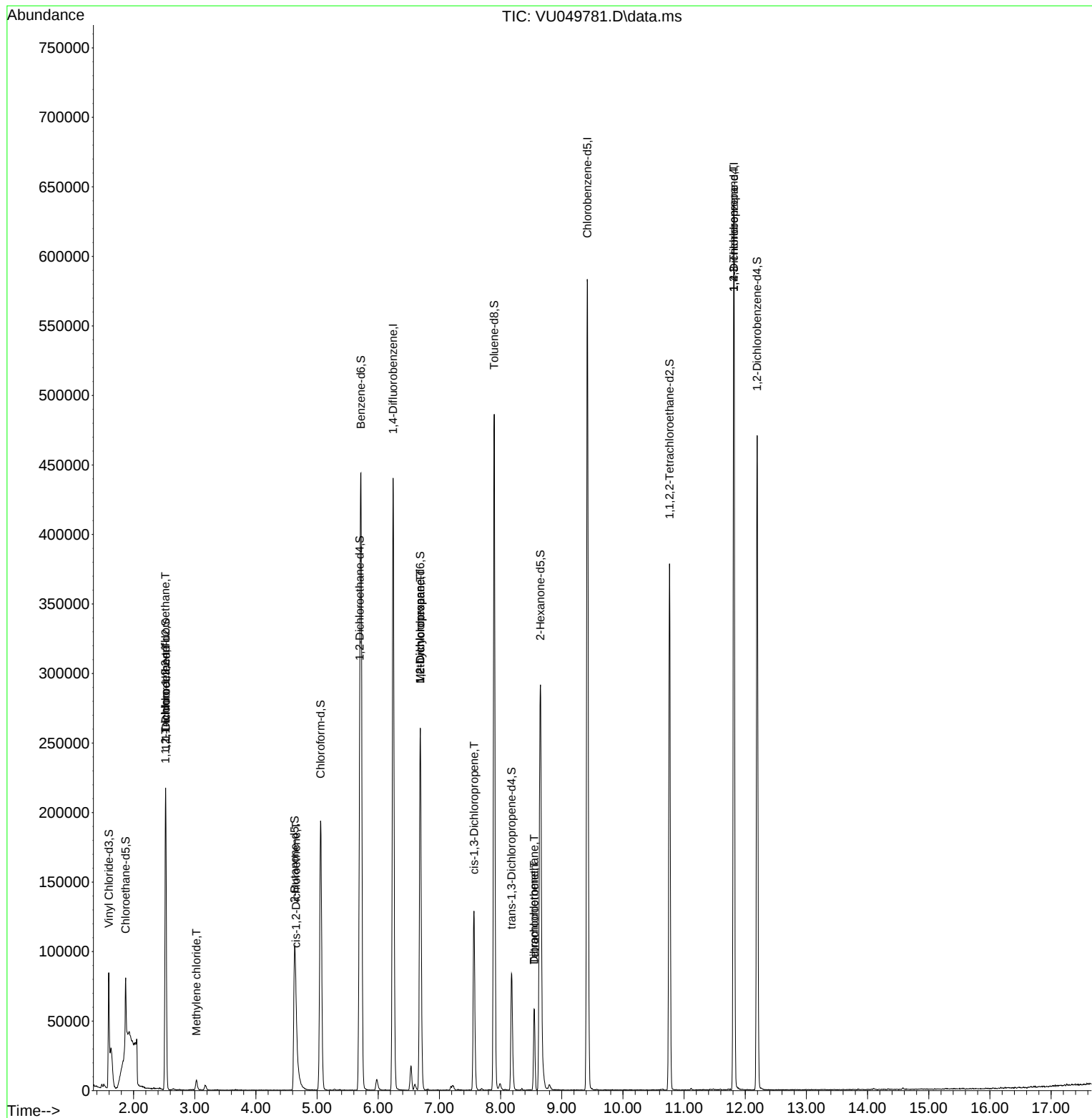
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	345904	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	332188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	158882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	70097	24.018	ug/L	0.00
Spiked Amount 50.000	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

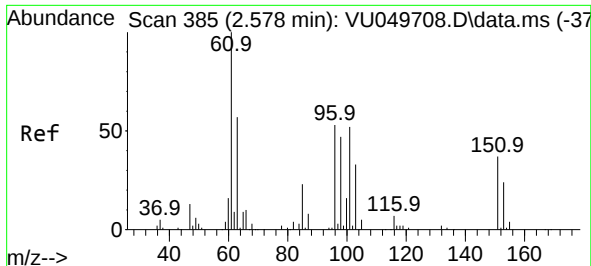
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#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

Lab File: VU049781.D

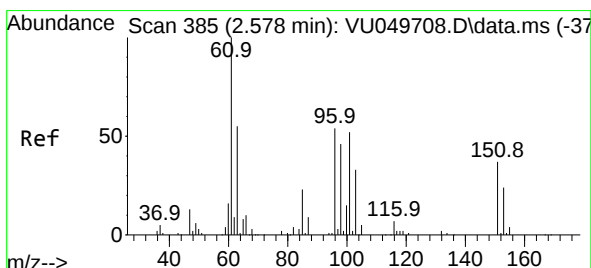
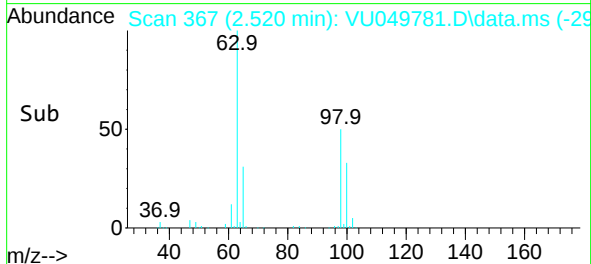
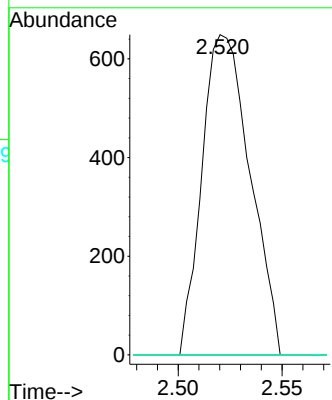
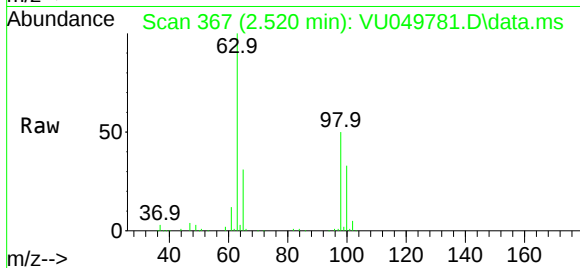
Acq: 19 Jul 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

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

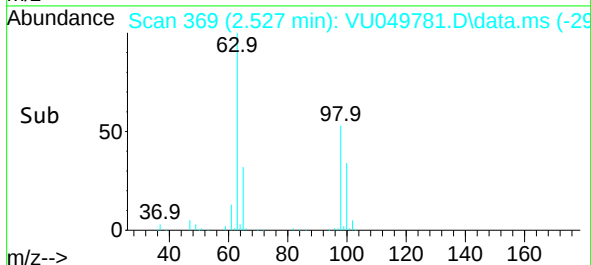
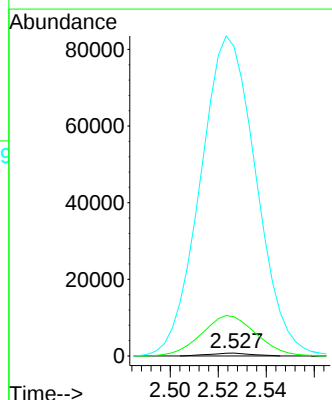
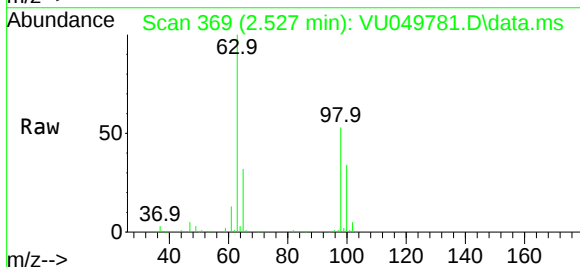
RT: 2.527 min Scan# 369

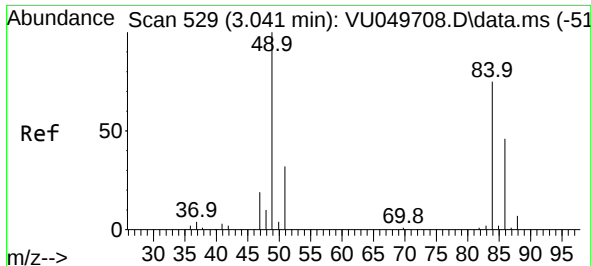
Delta R.T. -0.048 min

Lab File: VU049781.D

Acq: 19 Jul 2022 13:41

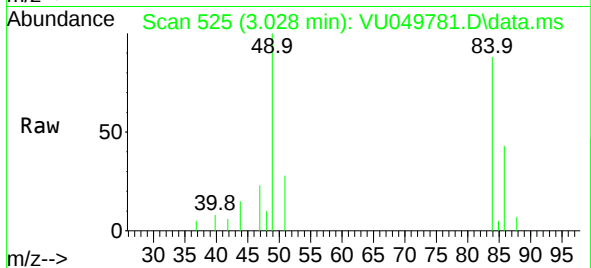
Tgt Ion: 96	Resp:	926
Ion Ratio	Lower	Upper
96	100	
61	1391.2	129.6 240.6#
63	10963.4	79.0 146.6#



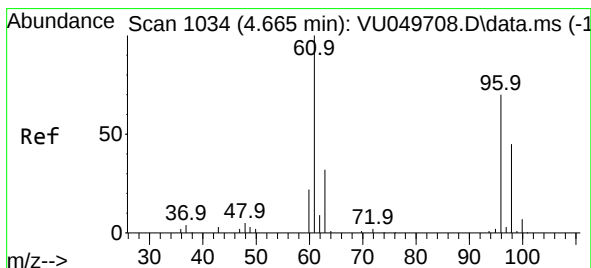
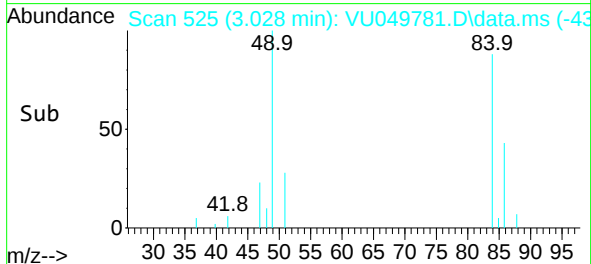
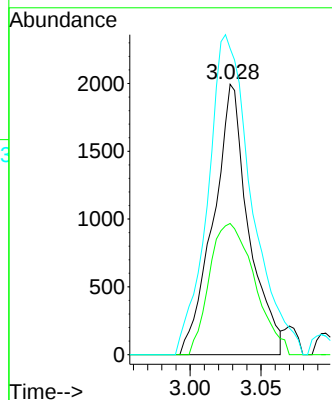


#16
Methylene chloride
Concen: 1.110 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU049781.D
Acq: 19 Jul 2022 13:41

Instrument :
MSVOA_U
ClientSampleId :

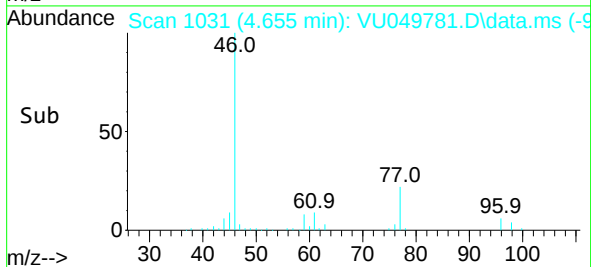
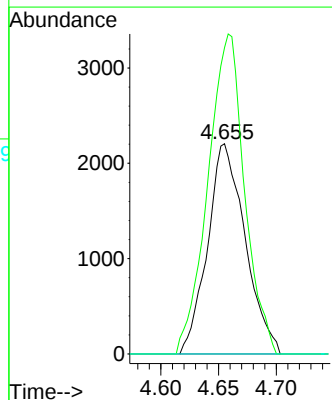
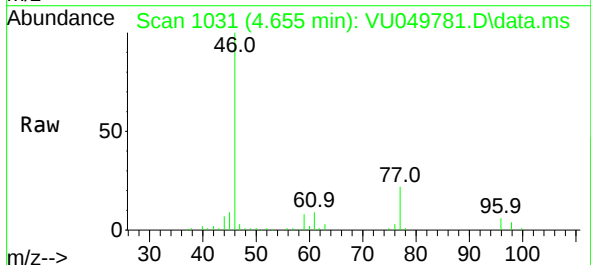


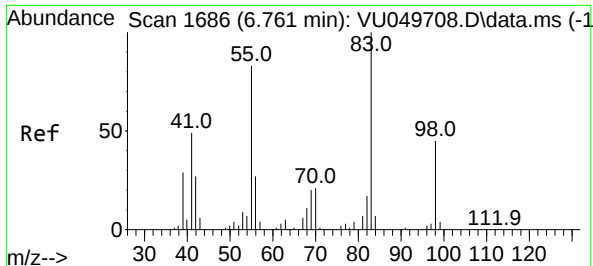
Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
86 48.5 45.6 84.6
49 113.3 94.4 175.4



#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

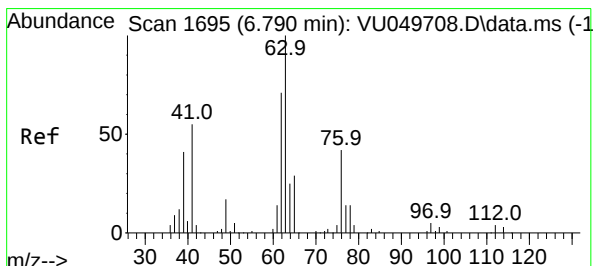
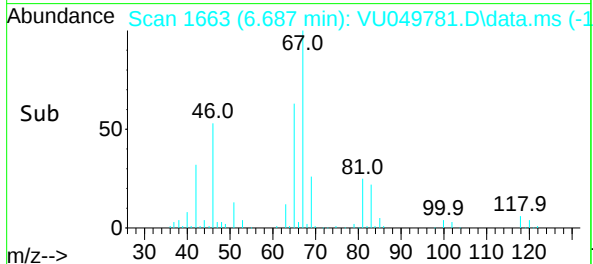
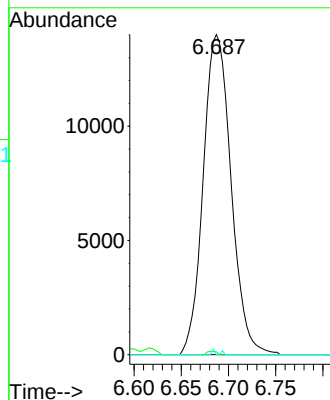
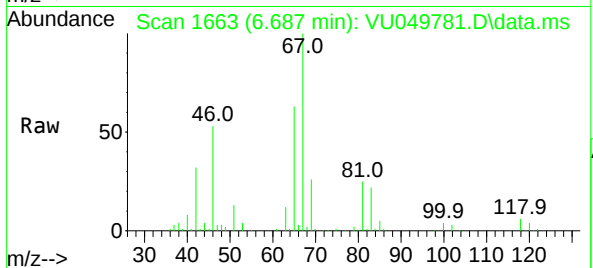
Acq: 19 Jul 2022 13:41

Instrument :

MSVOA_U

ClientSampleId :

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

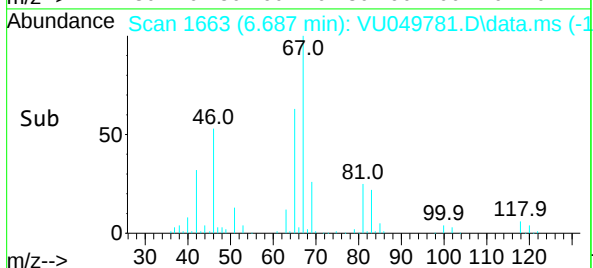
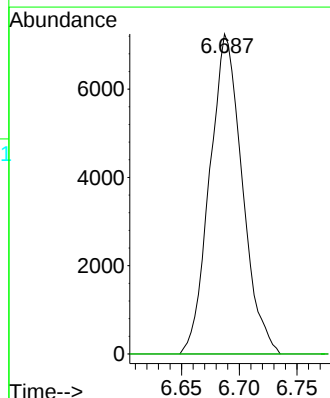
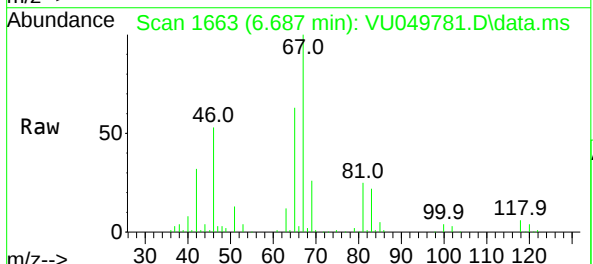
RT: 6.687 min Scan# 1663

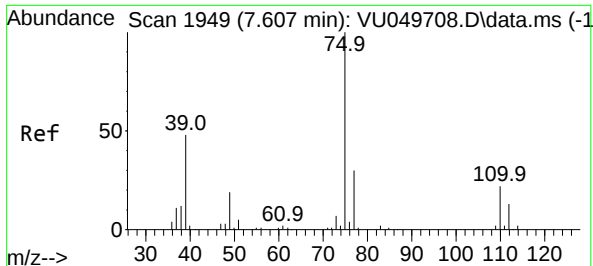
Delta R.T. -0.103 min

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

Instrument :

MSVOA_U

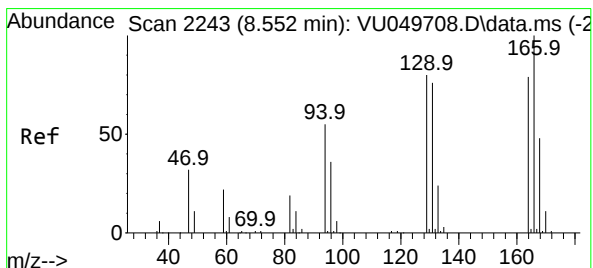
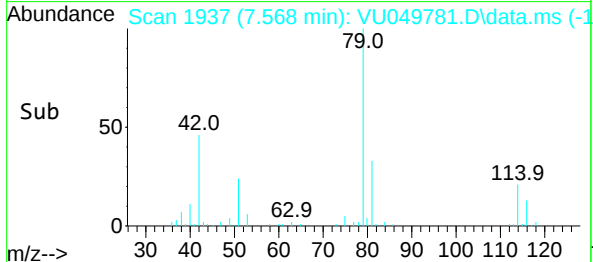
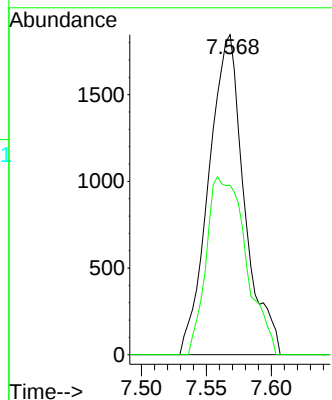
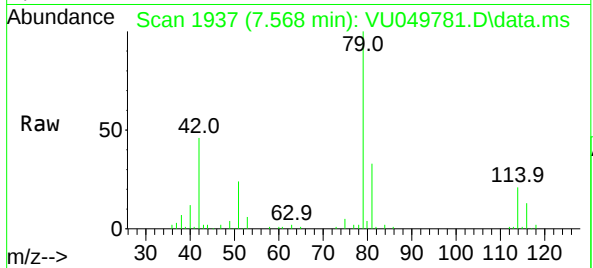
ClientSampleId :

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

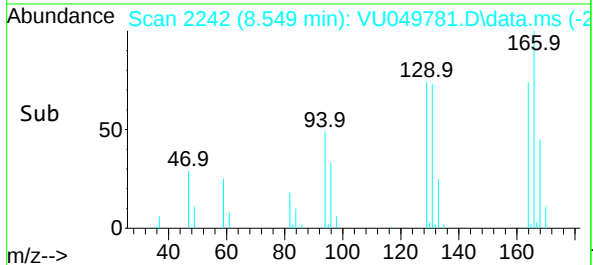
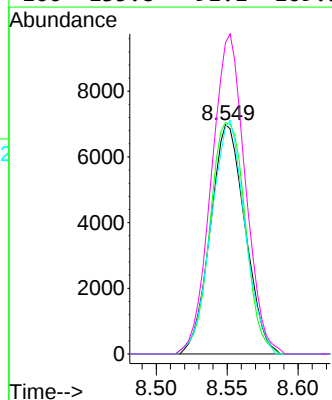
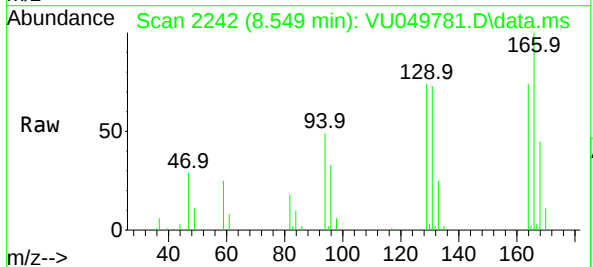
Ion Ratio Lower Upper

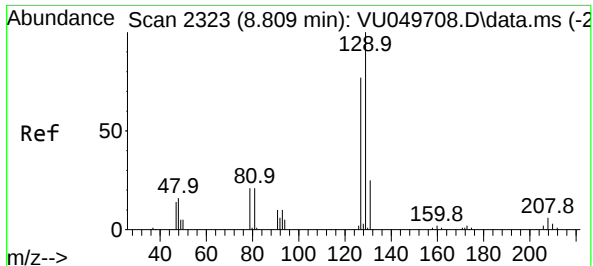
164 100

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

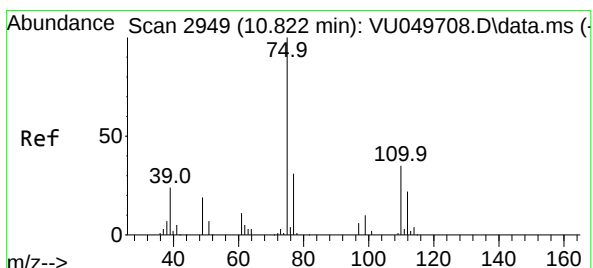
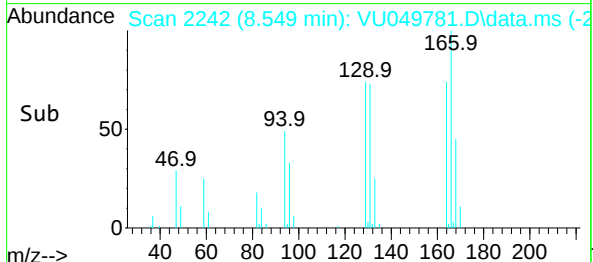
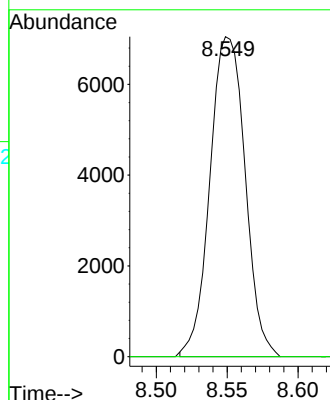
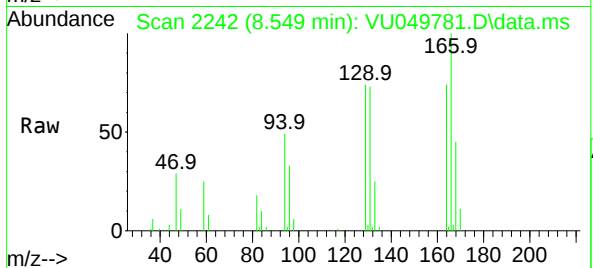
ClientSampleId :

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#

