

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046220.D
 Acq On : 09 Dec 2021 15:09
 Operator : SY/MD
 Sample : M4887-21ME
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

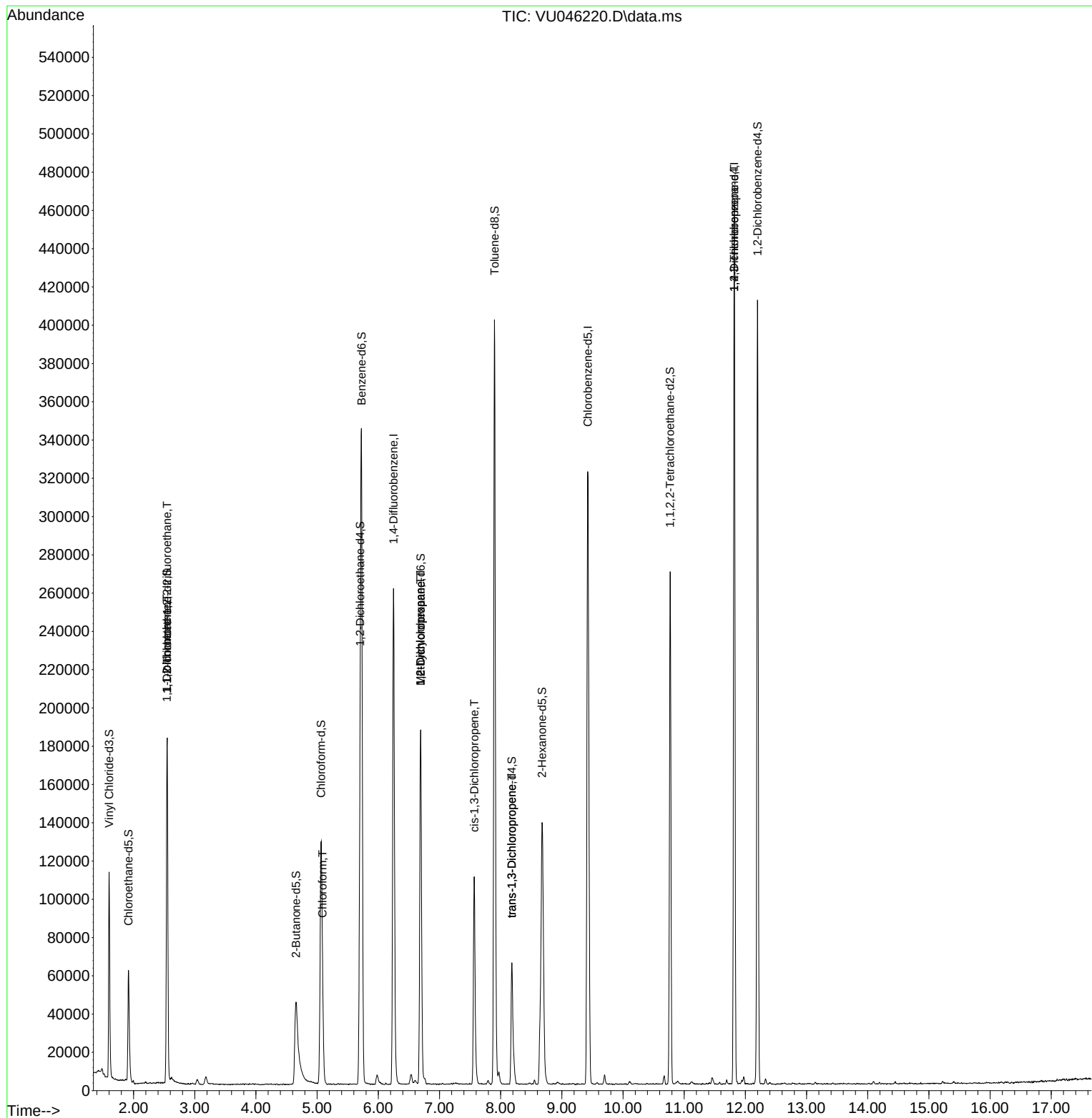
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	236344	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	241566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	125243	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87650	45.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.040%
7) Chloroethane-d5	1.916	69	55532	37.150	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.300%
11) 1,1-Dichloroethene-d2	2.549	63	106048	30.343	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.680%
21) 2-Butanone-d5	4.655	46	118291	76.431	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.430%
24) Chloroform-d	5.063	84	118725	36.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	5.703	65	96373	44.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
32) Benzene-d6	5.726	84	312670	45.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
36) 1,2-Dichloropropane-d6	6.694	67	94983	44.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.540%
41) Toluene-d8	7.899	98	290194	46.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
43) trans-1,3-Dichloroprop...	8.182	79	49377	47.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
47) 2-Hexanone-d5	8.677	63	91847	90.277	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.280%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	137168	42.152	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.300%
66) 1,2-Dichlorobenzene-d4	12.198	152	109405	45.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	997	0.580	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	754	0.461	ug/L #	1
25) Chloroform	5.089	83	28536	8.168	ug/L	100
35) Methylcyclohexane	6.690	83	22644	7.582	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10340	5.399	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2846	0.977	ug/L #	75
44) trans-1,3-Dichloropropene	8.182	75	1983	0.693	ug/L #	80
60) 1,2,3-Trichloropropane	11.816	75	14307	5.211	ug/L #	65

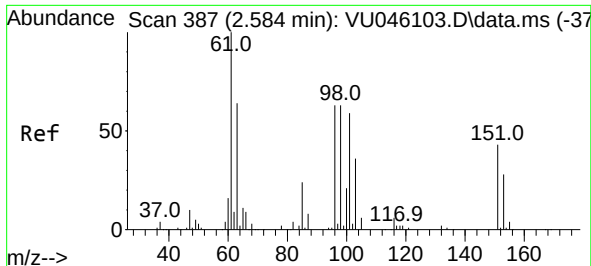
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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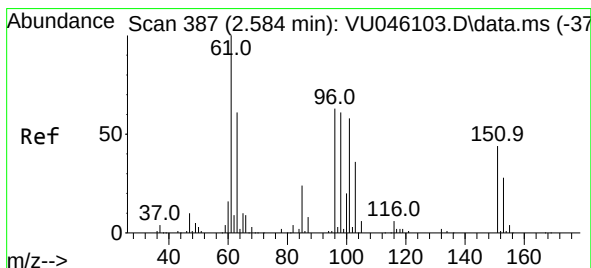
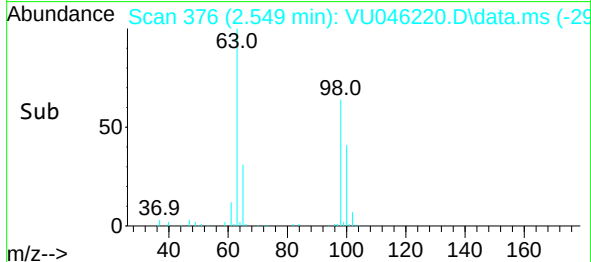
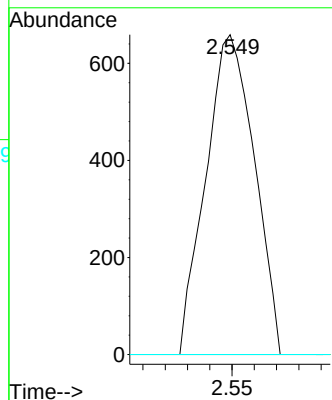
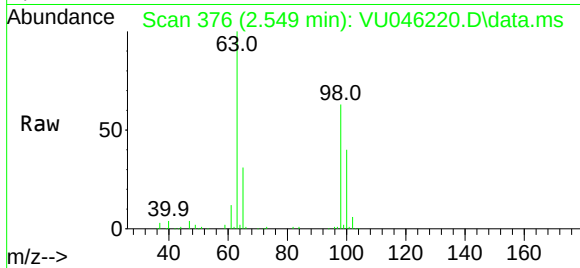




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.580 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.039 min
Lab File: VU046220.D
Acq: 09 Dec 2021 15:09

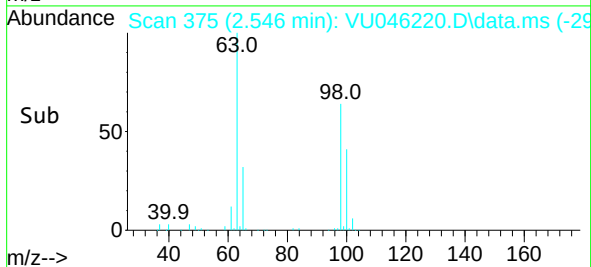
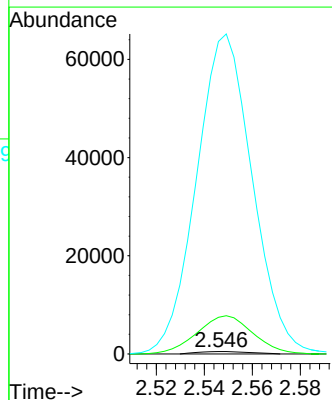
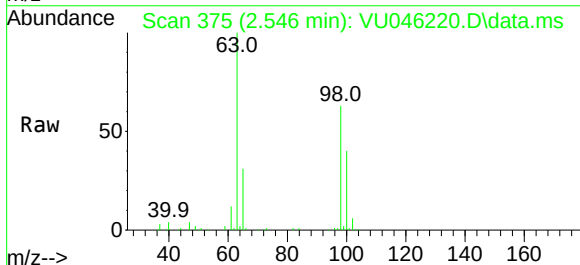
Instrument :
MSVOA_U
ClientSampleId :

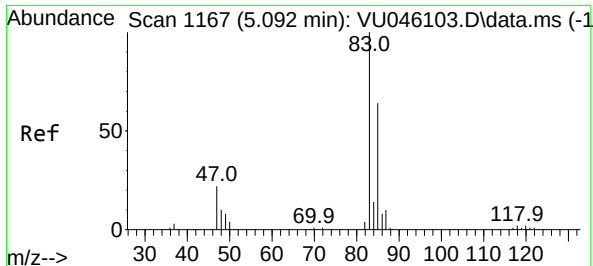
Tgt Ion:101 Resp: 997
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.461 ug/L
RT: 2.546 min Scan# 375
Delta R.T. -0.039 min
Lab File: VU046220.D
Acq: 09 Dec 2021 15:09

Tgt Ion: 96 Resp: 754
Ion Ratio Lower Upper
96 100
61 1471.2 118.6 220.2#
63 12552.3 93.0 172.8#





#25

Chloroform

Concen: 8.168 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046220.D

Acq: 09 Dec 2021 15:09

Instrument :

MSVOA_U

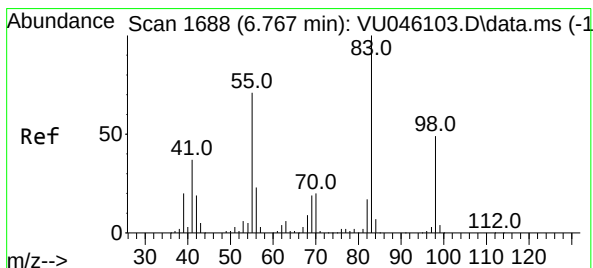
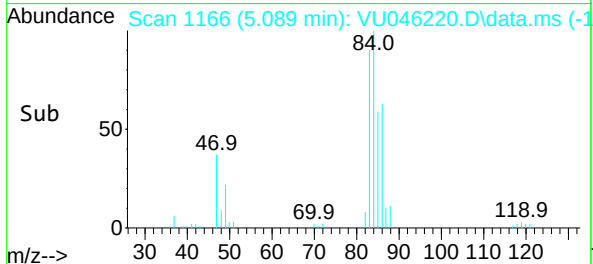
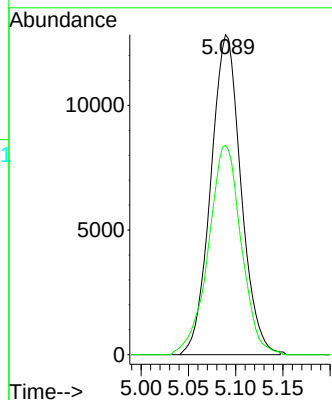
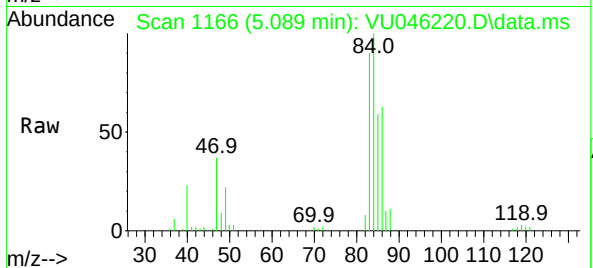
ClientSampleId :

Tgt Ion: 83 Resp: 28536

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.2



#35

Methylcyclohexane

Concen: 7.582 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046220.D

Acq: 09 Dec 2021 15:09

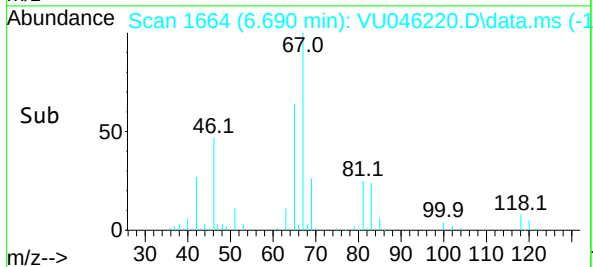
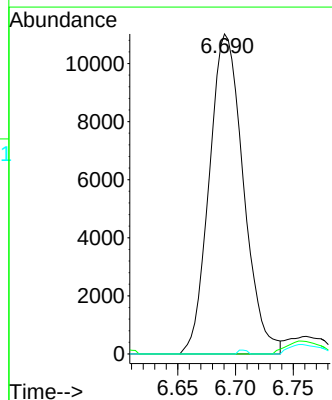
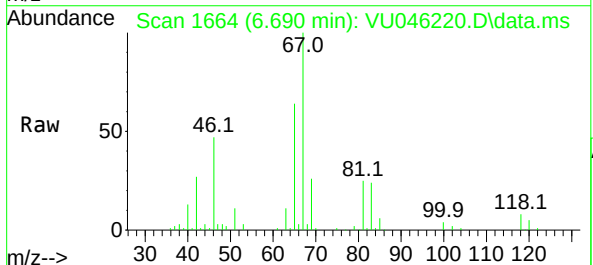
Tgt Ion: 83 Resp: 22644

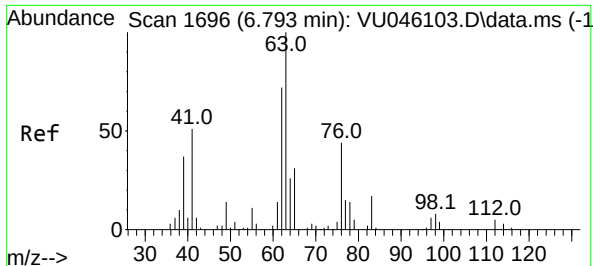
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.399 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046220.D

Acq: 09 Dec 2021 15:09

Instrument :

MSVOA_U

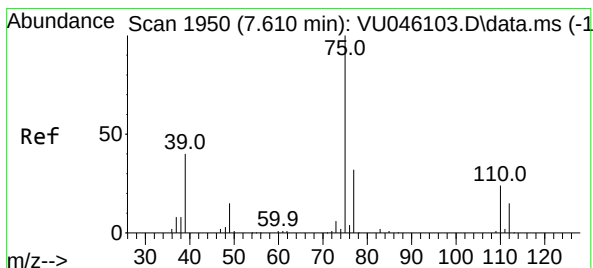
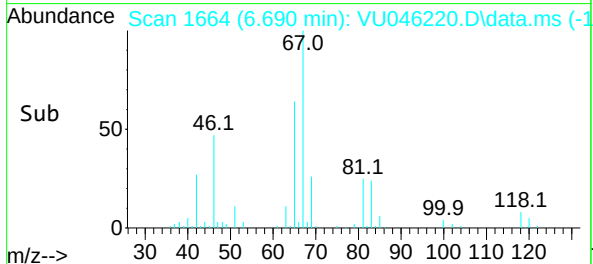
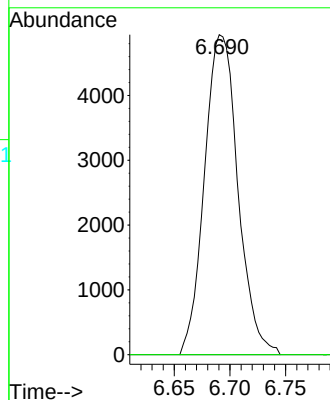
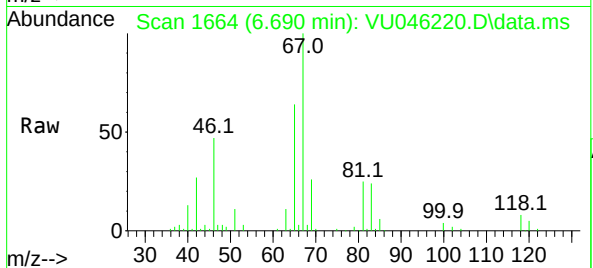
ClientSampleId :

Tgt Ion: 63 Resp: 10340

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046220.D

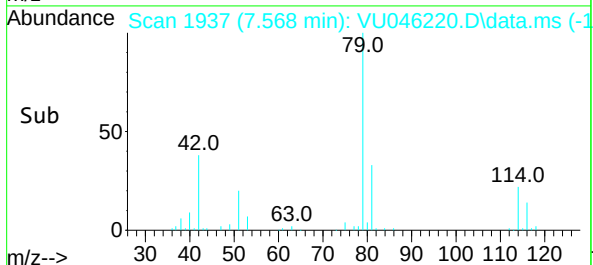
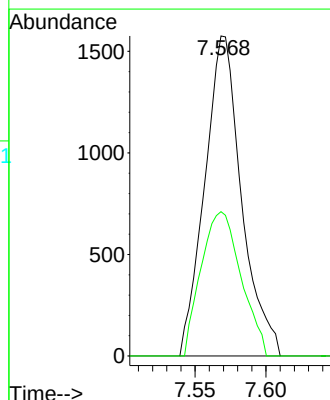
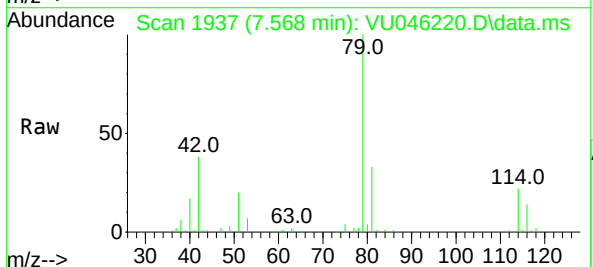
Acq: 09 Dec 2021 15:09

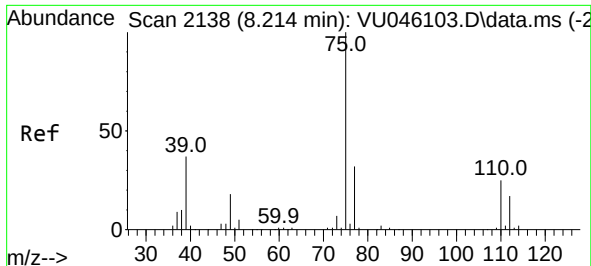
Tgt Ion: 75 Resp: 2846

Ion Ratio Lower Upper

75 100

77 45.1 21.8 40.6#

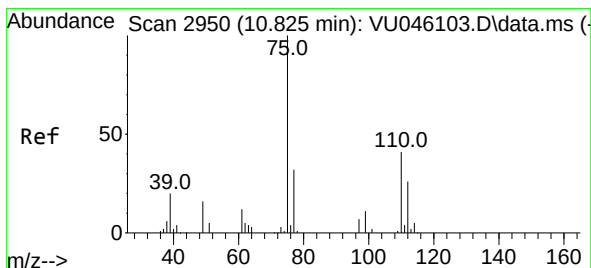
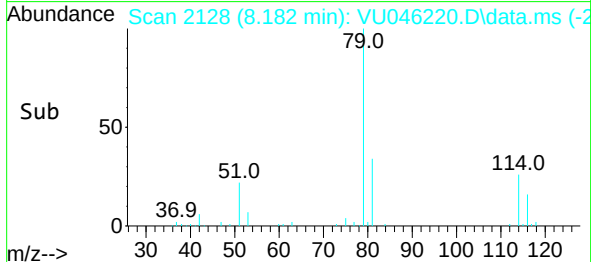
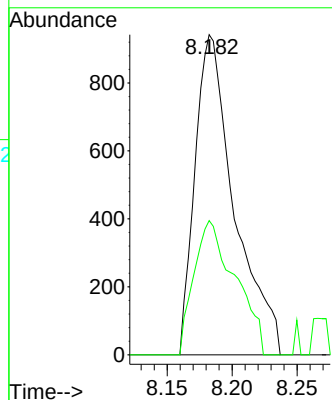
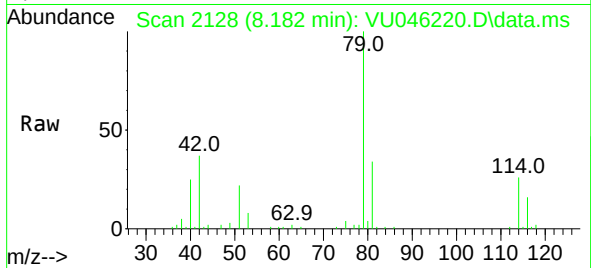




#44
trans-1,3-Dichloropropene
Concen: 0.693 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046220.D
Acq: 09 Dec 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
77 41.9 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.211 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU046220.D
Acq: 09 Dec 2021 15:09

Tgt Ion: 75 Resp: 14307
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
110 1.4 32.4 48.6#

