

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046469.D
 Acq On : 17 Dec 2021 14:10
 Operator : SY/MD
 Sample : M5103-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

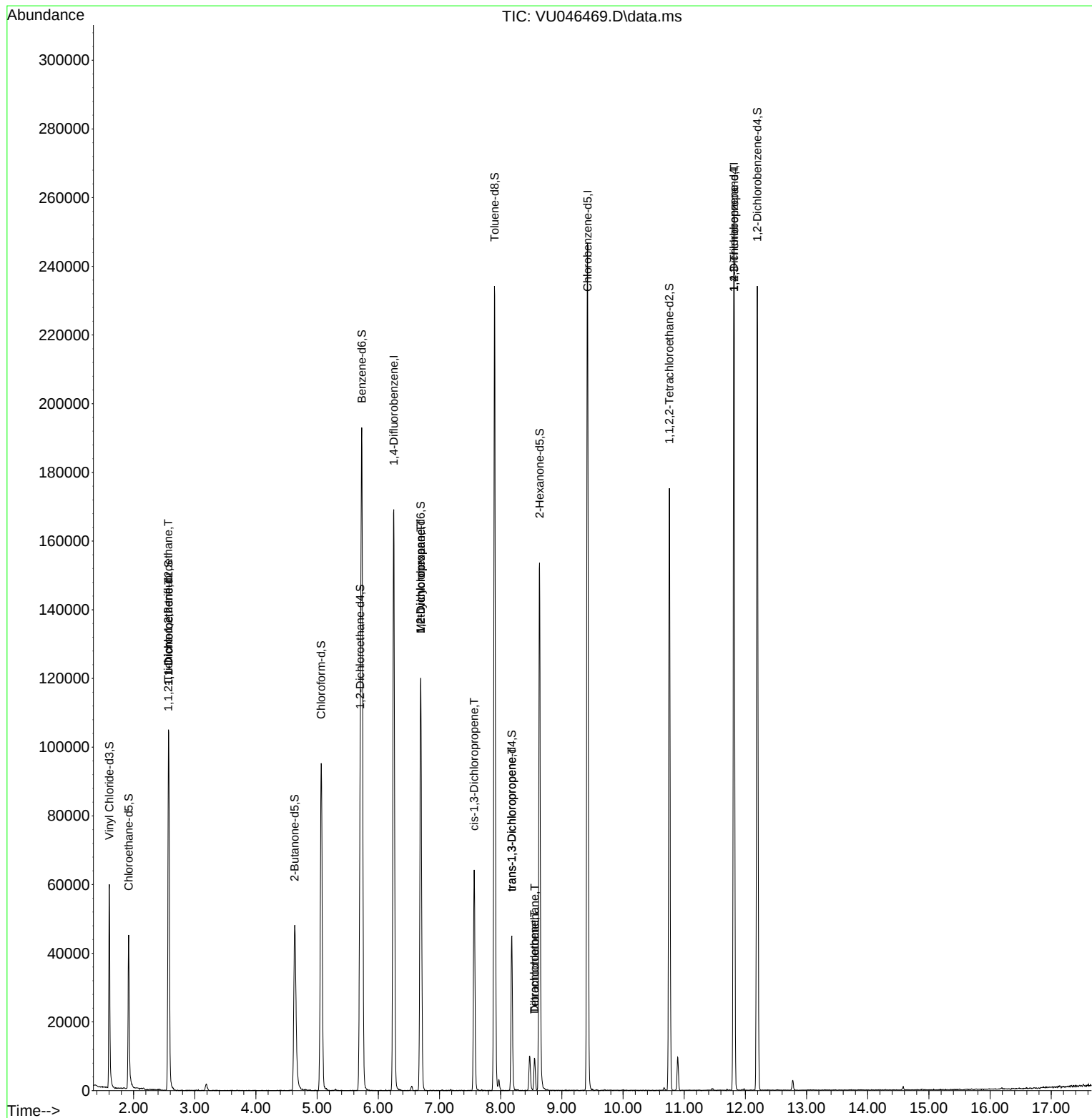
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	137019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67694	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46992	41.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.080%		
7) Chloroethane-d5	1.919	69	36922	42.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.020%		
11) 1,1-Dichloroethene-d2	2.571	63	63992	31.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.020%		
21) 2-Butanone-d5	4.632	46	75183	83.605	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.600%		
24) Chloroform-d	5.066	84	91308	48.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.660%		
26) 1,2-Dichloroethane-d4	5.703	65	62399	49.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.440%		
32) Benzene-d6	5.732	84	177991	45.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.640%		
36) 1,2-Dichloropropane-d6	6.693	67	56486	46.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.820%		
41) Toluene-d8	7.899	98	154223	43.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.260%		
43) trans-1,3-Dichloroprop...	8.182	79	26184	44.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.140%		
47) 2-Hexanone-d5	8.635	63	55146	95.561	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83110	45.027	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.060%		
66) 1,2-Dichlorobenzene-d4	12.195	152	59816	45.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	547	0.547	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	413	0.435	ug/L #	1
35) Methylcyclohexane	6.693	83	14089	8.317	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6561	6.040	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1834	1.110	ug/L #	82
44) trans-1,3-Dichloropropene	8.182	75	1120	0.690	ug/L	86
46) Tetrachloroethene	8.552	164	1980	2.466	ug/L	96
49) Dibromochloromethane	8.555	129	2162	1.889	ug/L #	10
60) 1,2,3-Trichloropropane	11.815	75	8142	5.487	ug/L #	65

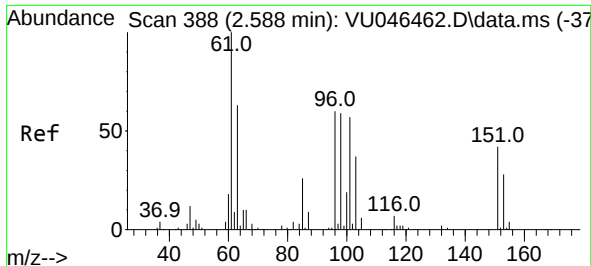
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.547 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.019 min

Lab File: VU046469.D

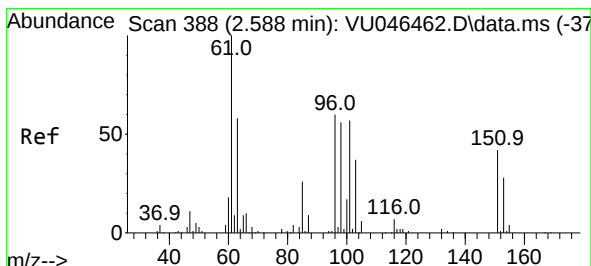
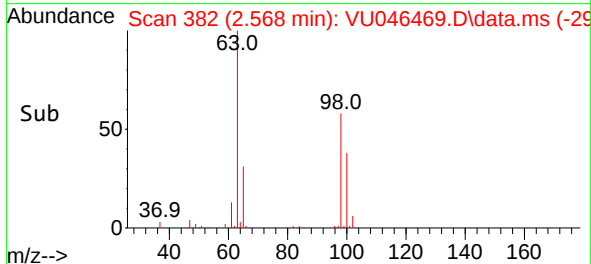
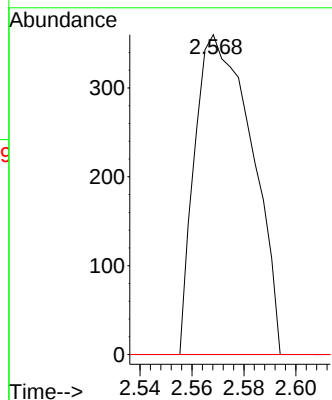
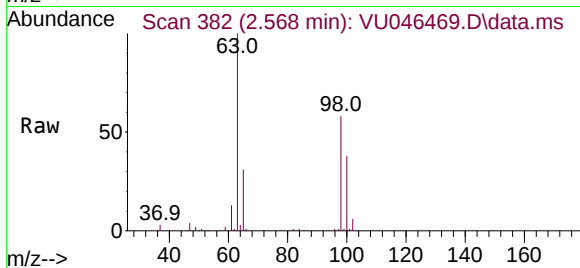
Acq: 17 Dec 2021 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	547
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: 0.435 ug/L

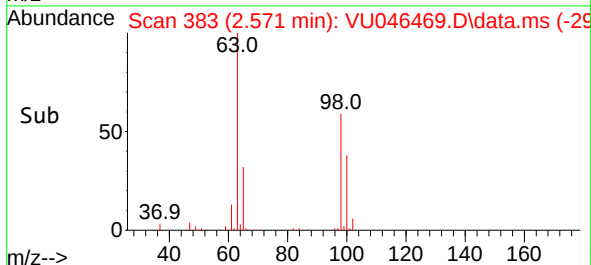
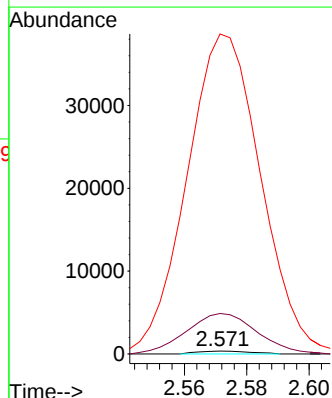
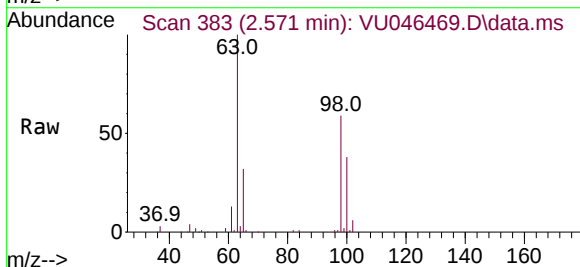
RT: 2.571 min Scan# 383

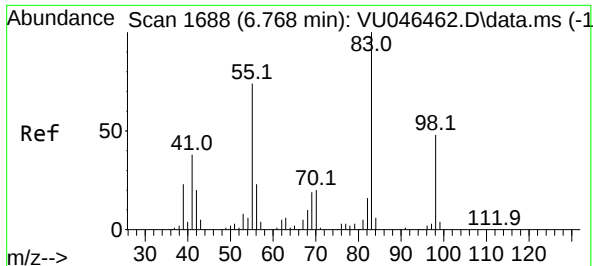
Delta R.T. -0.013 min

Lab File: VU046469.D

Acq: 17 Dec 2021 14:10

Tgt Ion:	96	Resp:	413
Ion Ratio	Lower	Upper	
96	100		
61	1429.8	118.6	220.2#
63	11295.9	93.0	172.8#

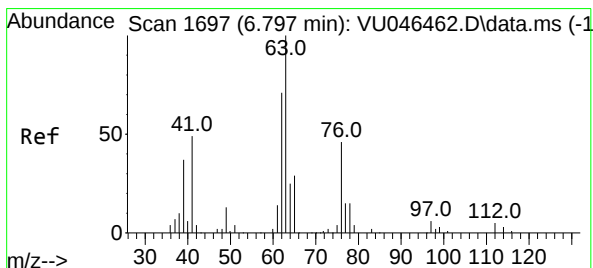
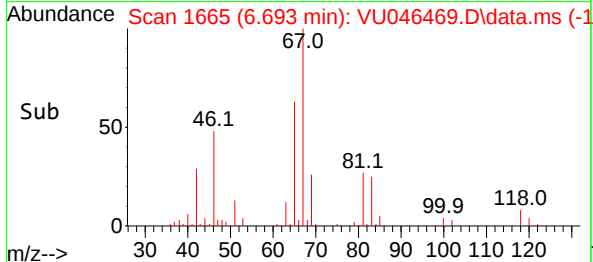
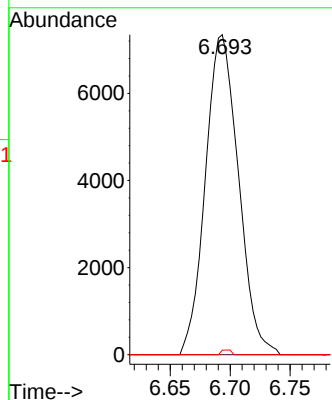
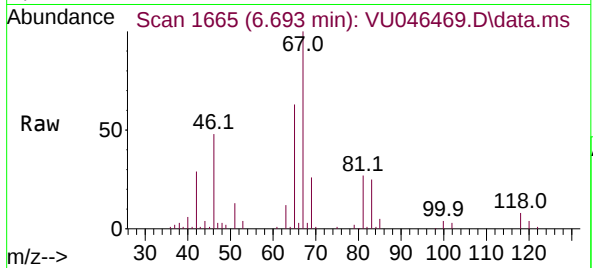




#35
Methylcyclohexane
Concen: 8.317 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046469.D
Acq: 17 Dec 2021 14:10

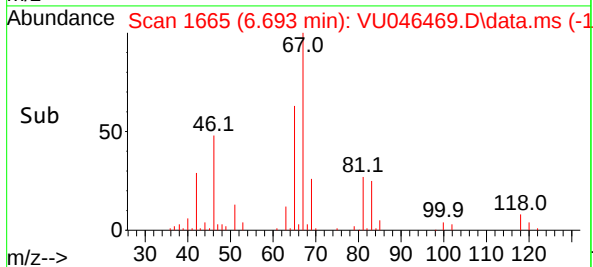
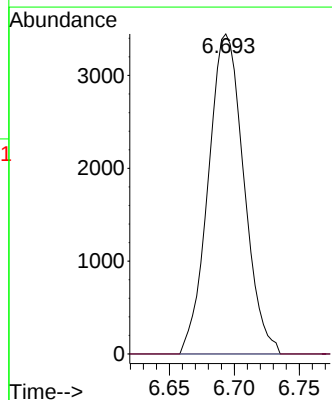
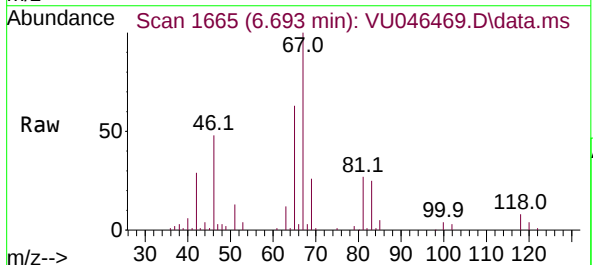
Instrument :
MSVOA_U
ClientSampleId :

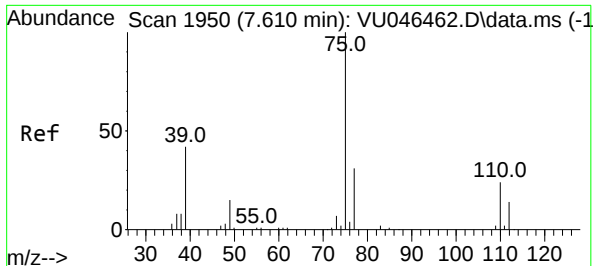
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.4	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 6.040 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046469.D
Acq: 17 Dec 2021 14:10

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.110 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046469.D

Acq: 17 Dec 2021 14:10

Instrument :

MSVOA_U

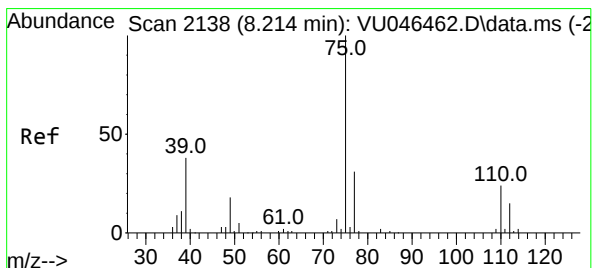
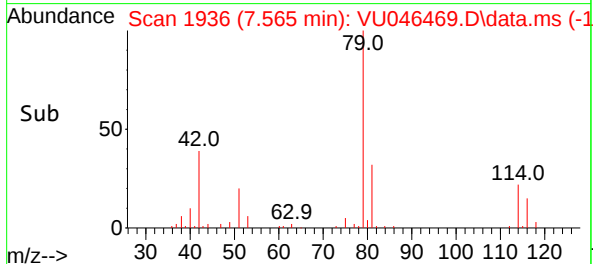
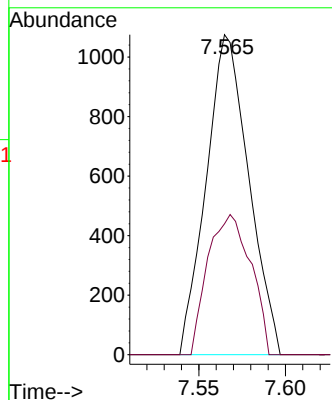
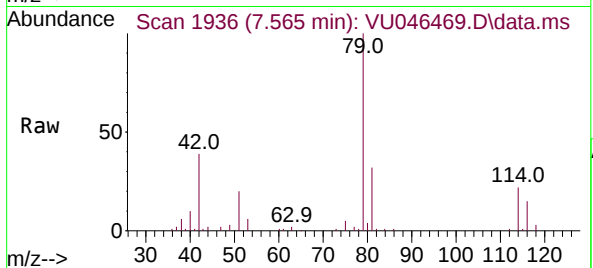
ClientSampleId :

Tgt Ion: 75 Resp: 1834

Ion Ratio Lower Upper

75 100

77 40.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.690 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU046469.D

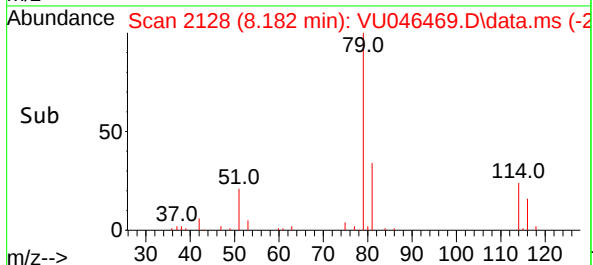
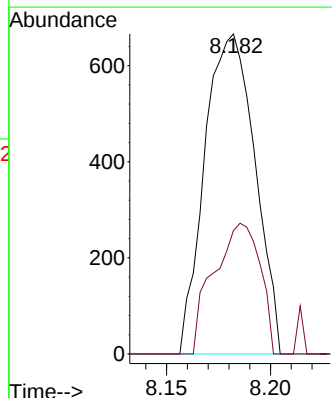
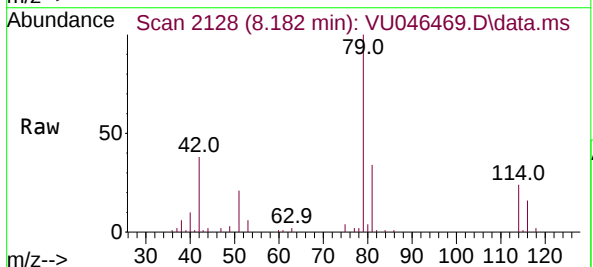
Acq: 17 Dec 2021 14:10

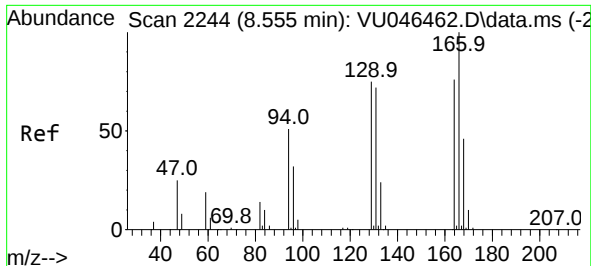
Tgt Ion: 75 Resp: 1120

Ion Ratio Lower Upper

75 100

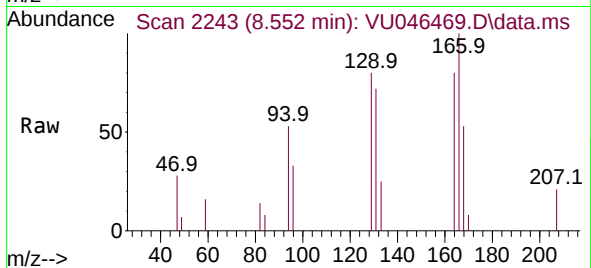
77 38.6 21.7 40.3



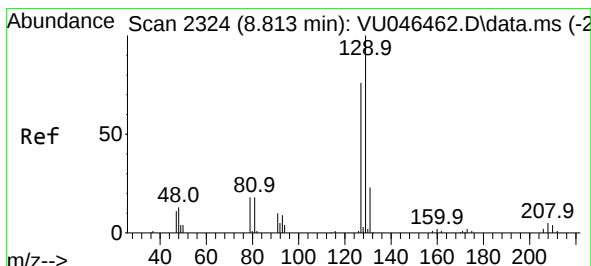
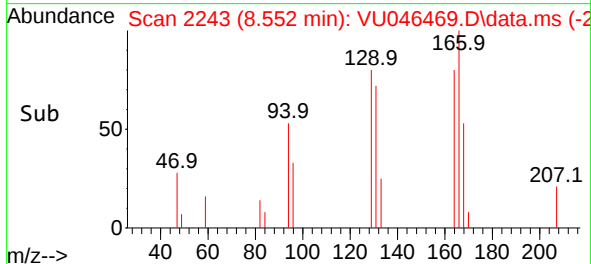
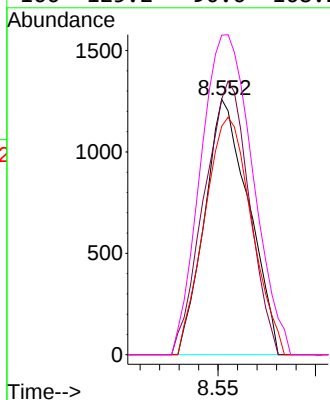


#46
Tetrachloroethene
Concen: 2.466 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046469.D
Acq: 17 Dec 2021 14:10

Instrument :
MSVOA_U
ClientSampleId :

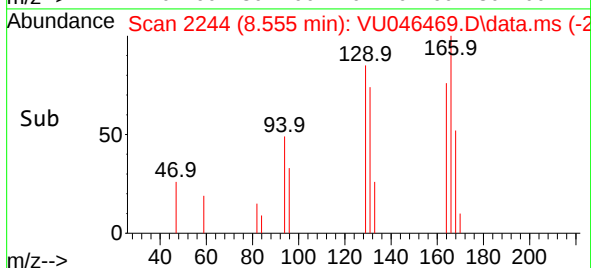
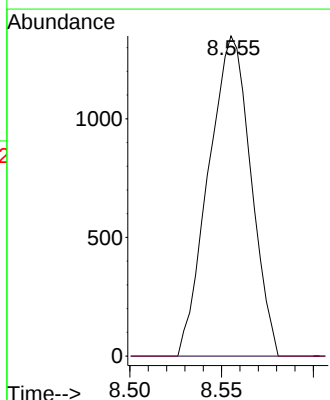
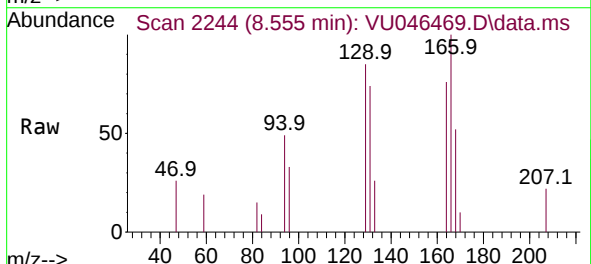


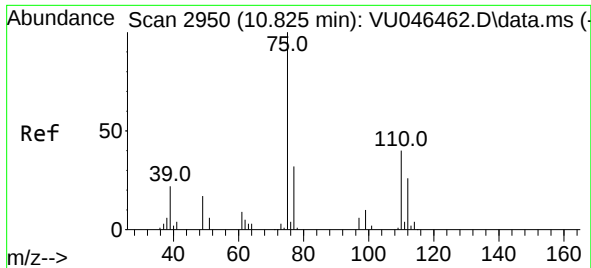
Tgt	Ion:164	Resp:	1980
Ion	Ratio	Lower	Upper
164	100		
129	100.2	71.1	132.1
131	89.5	67.8	126.0
166	125.2	90.6	168.2



#49
Dibromochloromethane
Concen: 1.889 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046469.D
Acq: 17 Dec 2021 14:10

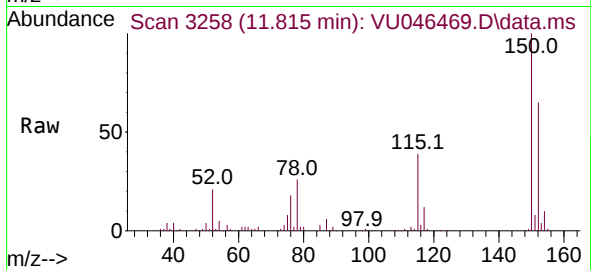
Tgt Ion:129	Resp:	2162	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.487 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046469.D
 Acq: 17 Dec 2021 14:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8142
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6
 110 1.6 32.4 48.6#

