

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046429.D
 Acq On : 16 Dec 2021 18:17
 Operator : SY/MD
 Sample : M5037-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

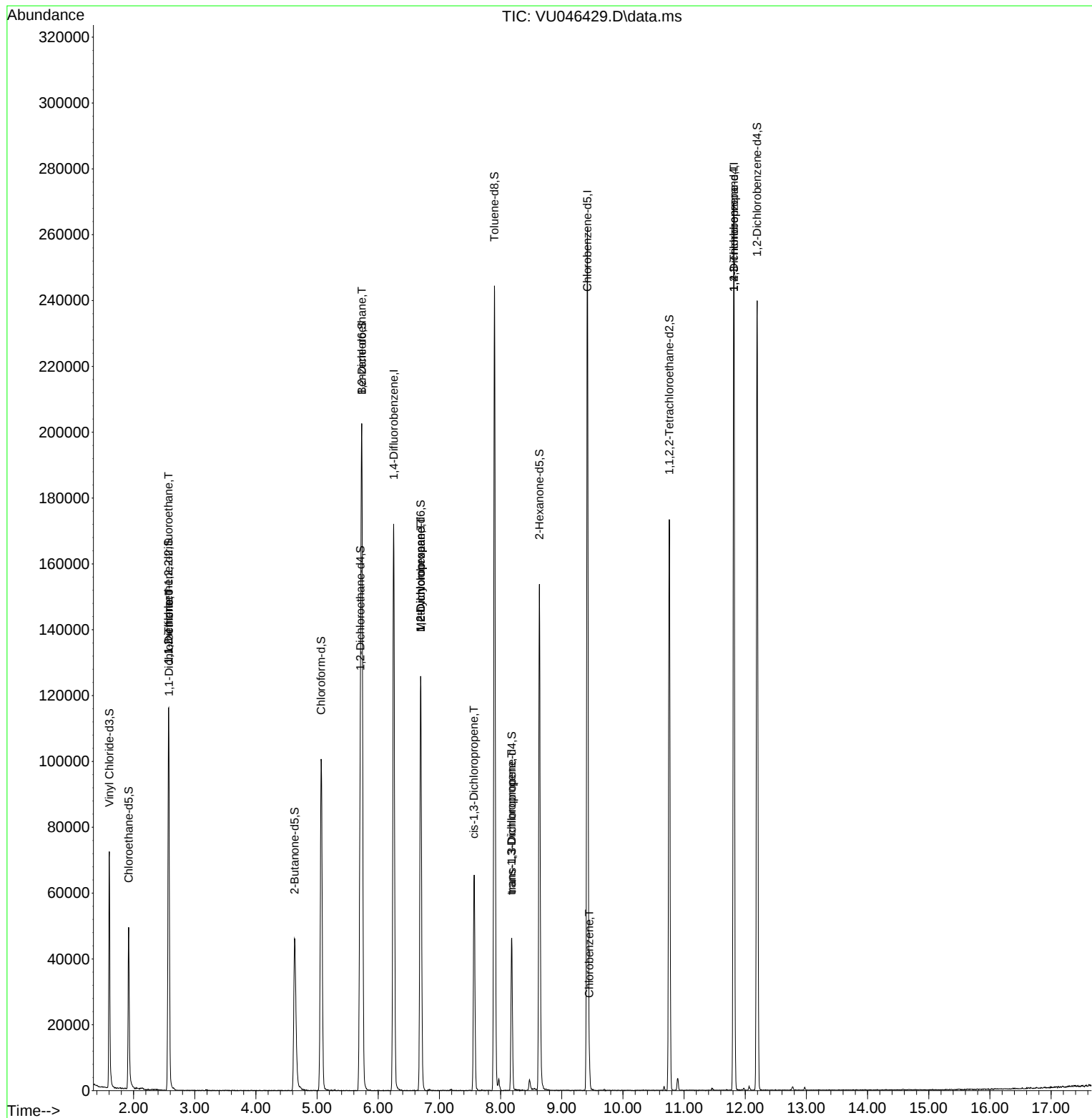
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	68190	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55746	48.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.860%		
7) Chloroethane-d5	1.919	69	39538	45.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.400%		
11) 1,1-Dichloroethene-d2	2.571	63	69856	34.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.320%		
21) 2-Butanone-d5	4.632	46	73483	81.141	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.140%		
24) Chloroform-d	5.067	84	96488	50.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.440%		
26) 1,2-Dichloroethane-d4	5.706	65	64053	50.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.340%		
32) Benzene-d6	5.732	84	188233	45.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.400%		
36) 1,2-Dichloropropane-d6	6.693	67	59029	46.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.480%		
41) Toluene-d8	7.899	98	160070	42.680	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.360%		
43) trans-1,3-Dichloroprop...	8.182	79	26607	43.175	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.360%		
47) 2-Hexanone-d5	8.636	63	54506	90.051	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.050%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85724	44.279	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60897	46.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	529	0.526	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	429	0.449	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1011	0.666	ug/L #	73
35) Methylcyclohexane	6.693	83	14492	8.156	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6267	5.500	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1612	0.930	ug/L #	41
44) trans-1,3-Dichloropropene	8.179	75	1159	0.681	ug/L #	73
51) Chlorobenzene	9.449	112	4169	1.381	ug/L	96
60) 1,2,3-Trichloropropane	11.815	75	8521	5.700	ug/L #	65

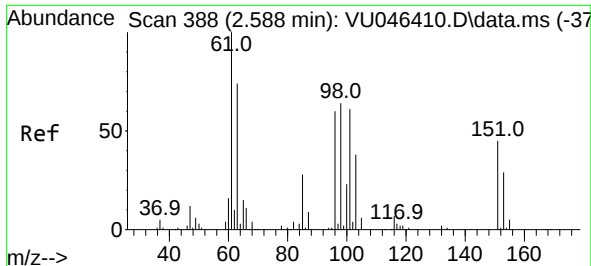
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046429.D
Acq On : 16 Dec 2021 18:17
Operator : SY/MD
Sample : M5037-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:54:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration

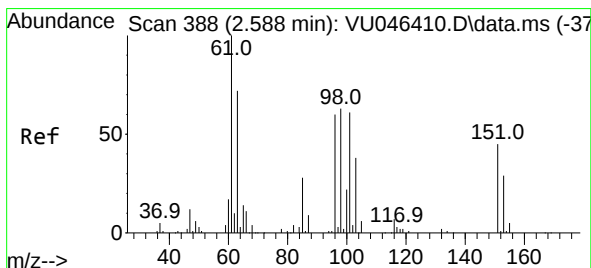
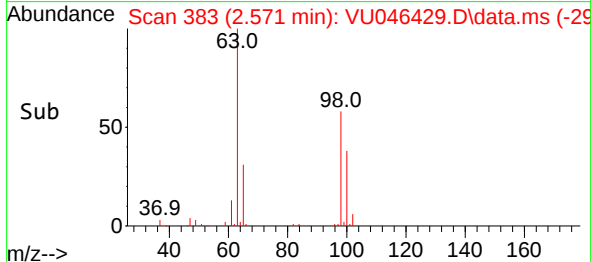
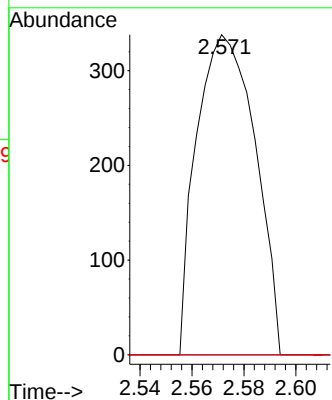
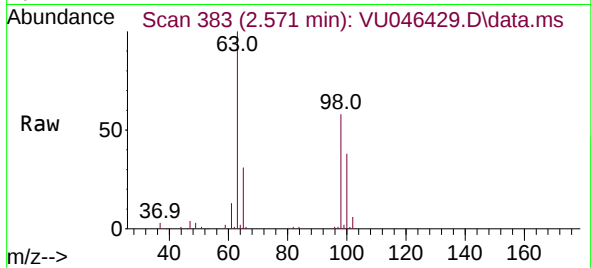




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.526 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046429.D
 Acq: 16 Dec 2021 18:17

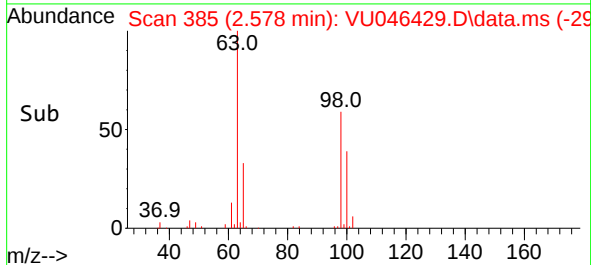
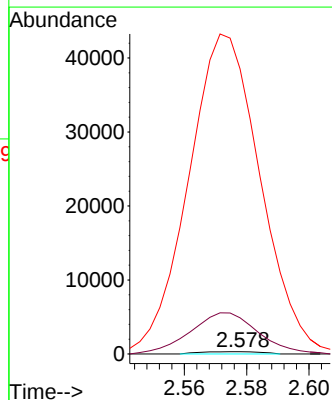
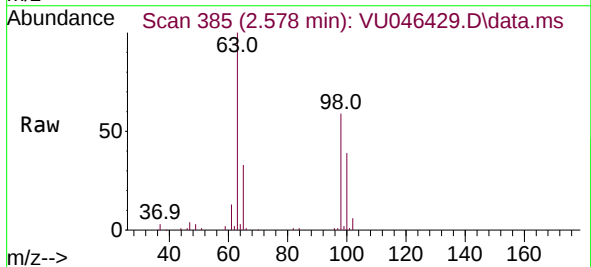
Instrument :
 MSVOA_U
 ClientSampleId :

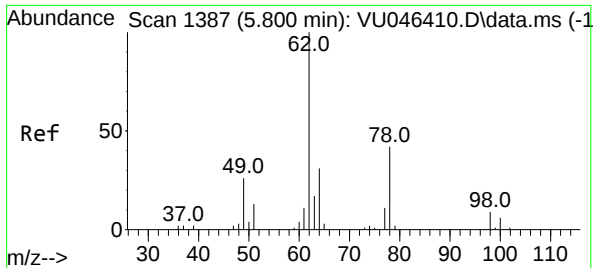
Tgt Ion:101 Resp: 529
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.449 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046429.D
 Acq: 16 Dec 2021 18:17

Tgt Ion: 96 Resp: 429
 Ion Ratio Lower Upper
 96 100
 61 1574.3 118.6 220.2#
 63 12393.6 93.0 172.8#

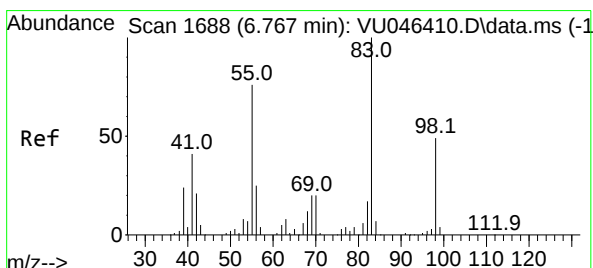
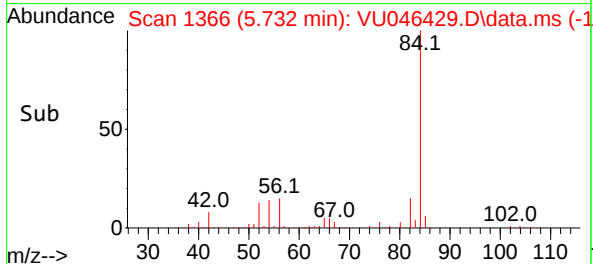
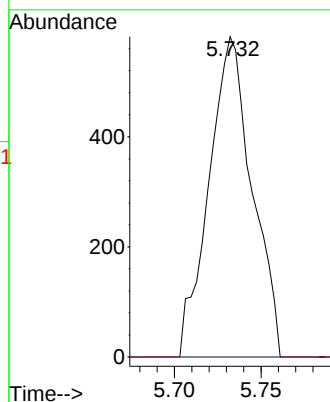
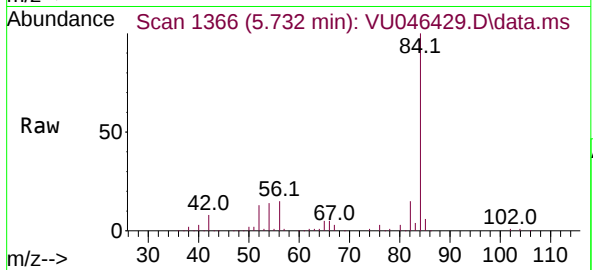




#27
1,2-Dichloroethane
Concen: 0.666 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046429.D
Acq: 16 Dec 2021 18:17

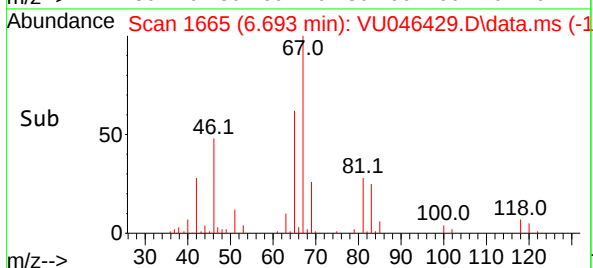
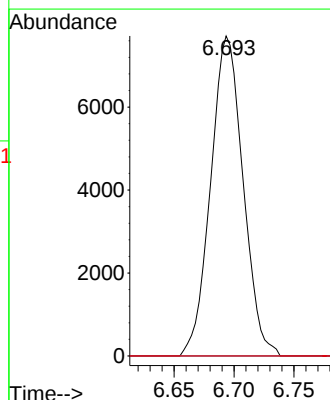
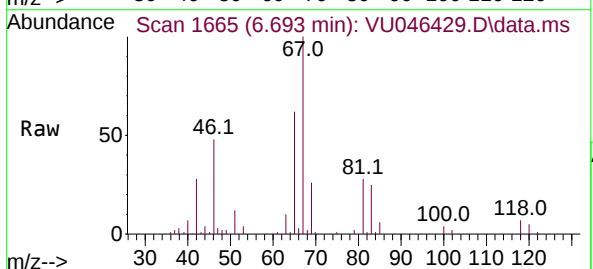
Instrument :
MSVOA_U
ClientSampleId :

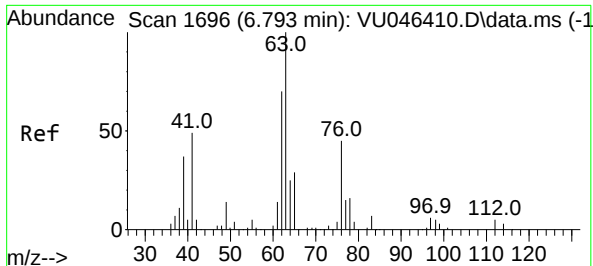
Tgt Ion: 62 Resp: 1011
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.156 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046429.D
Acq: 16 Dec 2021 18:17

Tgt Ion: 83 Resp: 14492
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.500 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046429.D

Acq: 16 Dec 2021 18:17

Instrument :

MSVOA_U

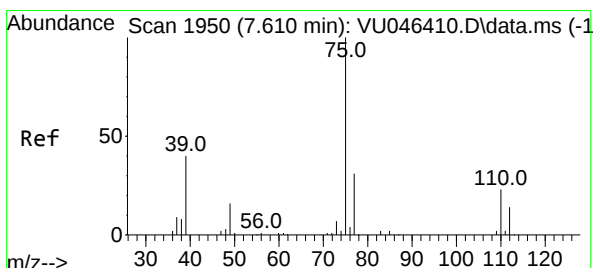
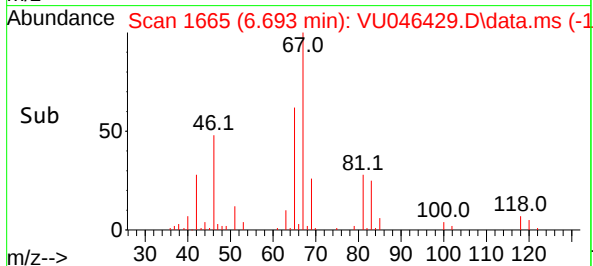
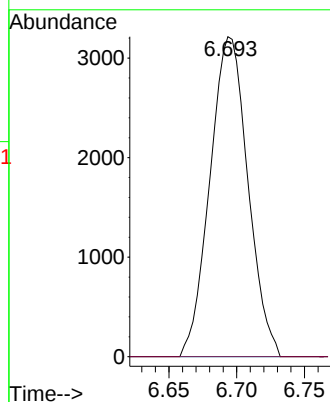
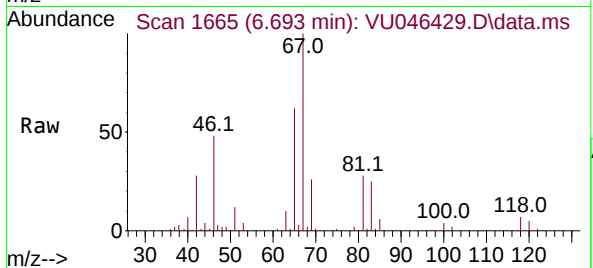
ClientSampleId :

Tgt Ion: 63 Resp: 6267

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.930 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046429.D

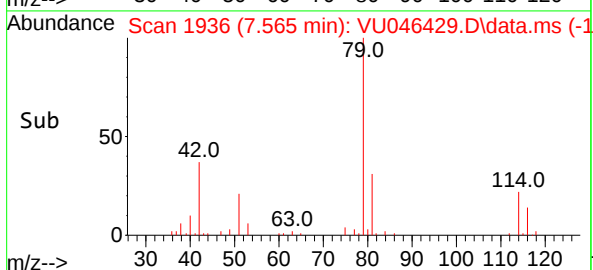
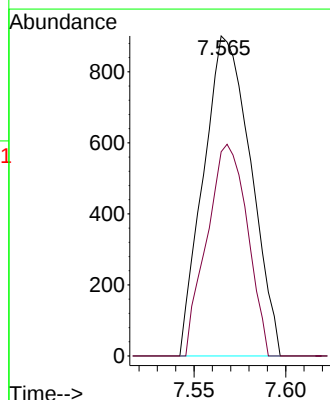
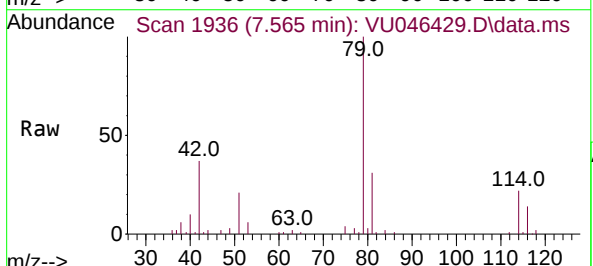
Acq: 16 Dec 2021 18:17

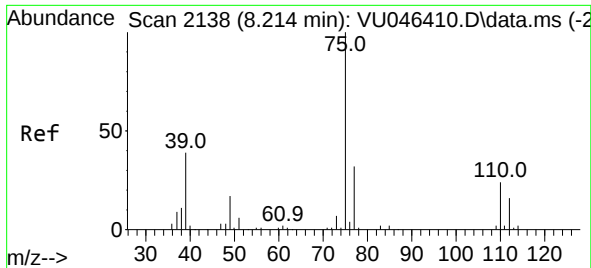
Tgt Ion: 75 Resp: 1612

Ion Ratio Lower Upper

75 100

77 63.8 21.8 40.6#

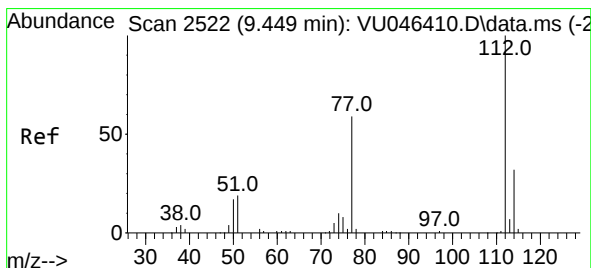
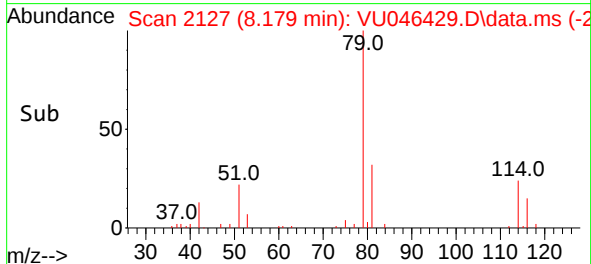
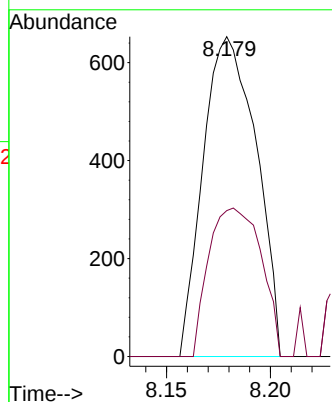
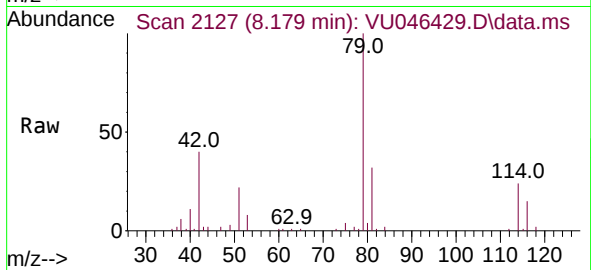




#44
trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046429.D
Acq: 16 Dec 2021 18:17

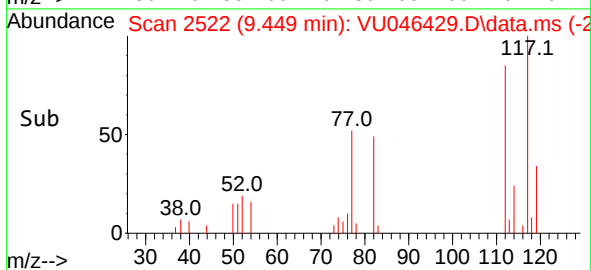
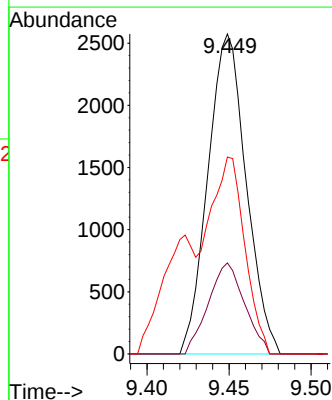
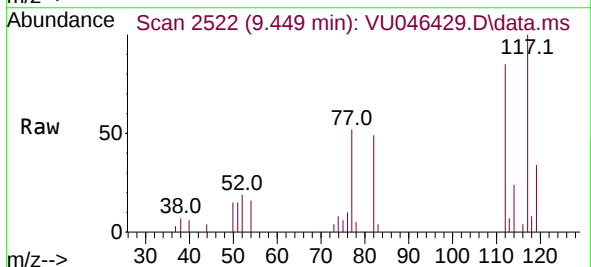
Instrument :
MSVOA_U
ClientSampleId :

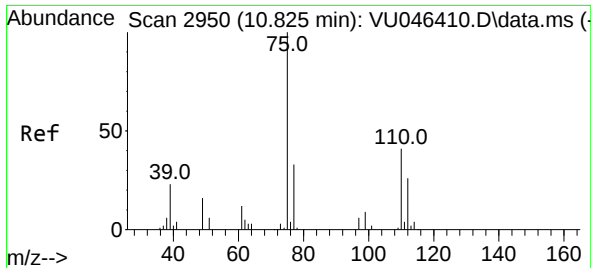
Tgt Ion: 75 Resp: 1159
Ion Ratio Lower Upper
75 100
77 45.6 21.7 40.3#



#51
Chlorobenzene
Concen: 1.381 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046429.D
Acq: 16 Dec 2021 18:17

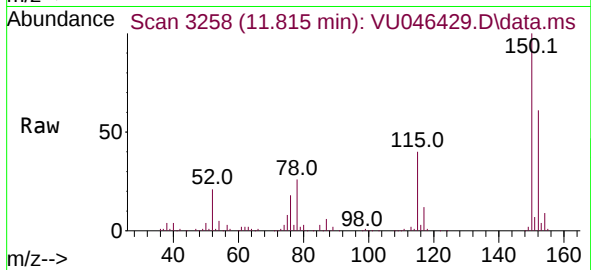
Tgt Ion: 112 Resp: 4169
Ion Ratio Lower Upper
112 100
114 28.4 22.2 41.2
77 61.6 47.4 71.0





#60
 1,2,3-Trichloropropane
 Concen: 5.700 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046429.D
 Acq: 16 Dec 2021 18:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8521
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.4 39.6
 110 1.8 32.4 48.6#

