

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046493.D
 Acq On : 19 Dec 2021 14:38
 Operator : SY/MD
 Sample : M5062-18MEDL 10X
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:27:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

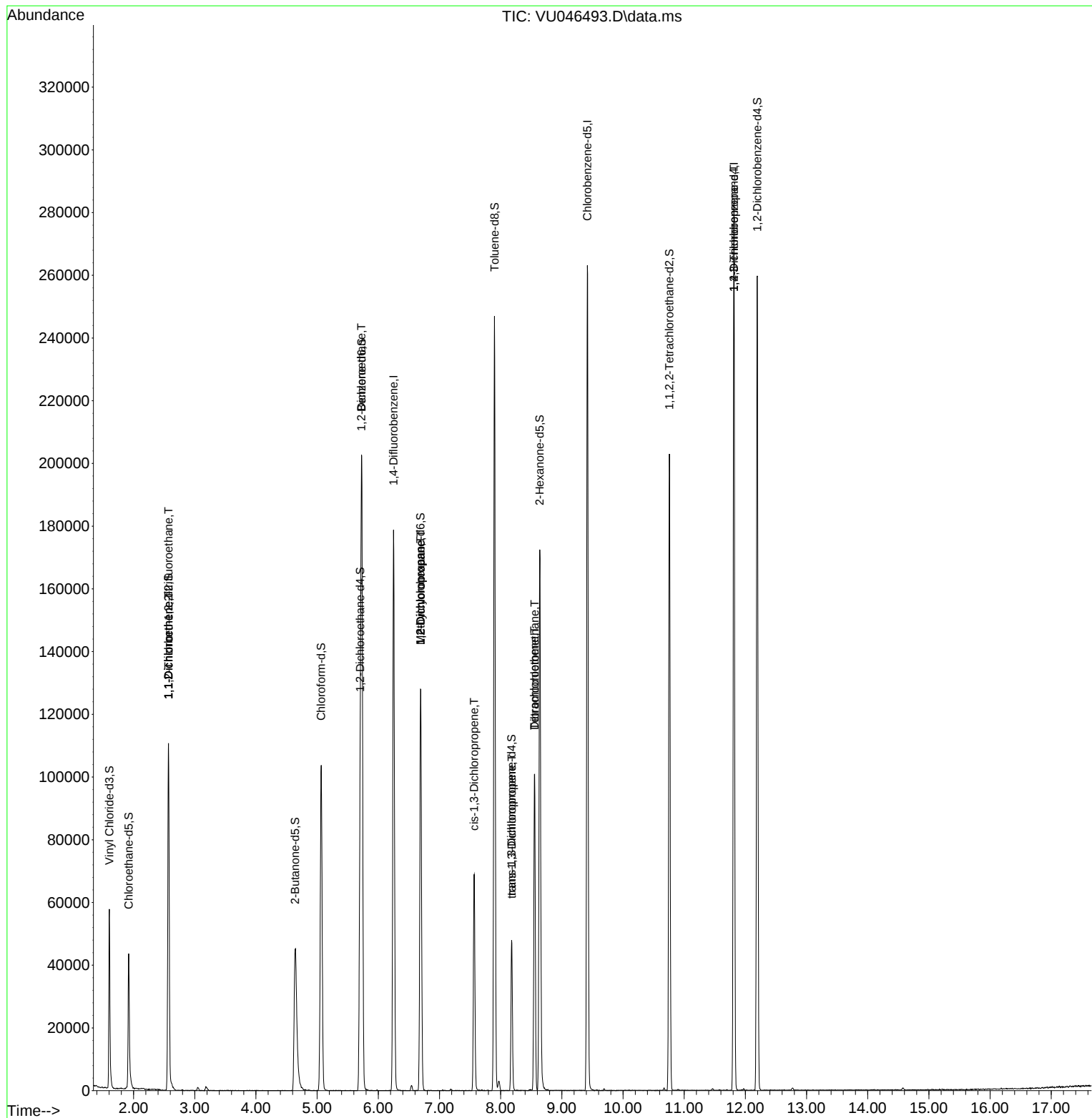
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	142119	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	143325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46285	39.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.080%		
7) Chloroethane-d5	1.919	69	38372	42.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.380%		
11) 1,1-Dichloroethene-d2	2.572	63	66370	31.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.160%		
21) 2-Butanone-d5	4.642	46	89348	96.006	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.010%		
24) Chloroform-d	5.067	84	96567	49.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.780%		
26) 1,2-Dichloroethane-d4	5.703	65	65874	50.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.420%		
32) Benzene-d6	5.729	84	188634	45.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
36) 1,2-Dichloropropane-d6	6.690	67	59960	47.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	7.899	98	159988	42.774	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	8.179	79	27628	44.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.900%		
47) 2-Hexanone-d5	8.639	63	68015	112.676	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.680%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	98128	50.824	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	67488	47.959	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	485	0.469	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	485	0.494	ug/L #	1
27) 1,2-Dichloroethane	5.723	62	670	0.430	ug/L #	73
35) Methylcyclohexane	6.690	83	14614	8.247	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6456	5.681	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1766	1.022	ug/L #	50
44) trans-1,3-Dichloropropene	8.182	75	1179	0.694	ug/L	92
46) Tetrachloroethene	8.552	164	21970	26.161	ug/L	97
49) Dibromochloromethane	8.555	129	21289	17.783	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8852	5.526	ug/L #	64

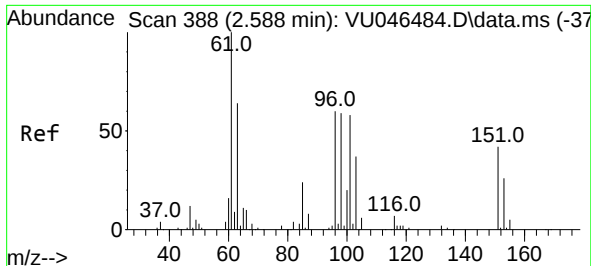
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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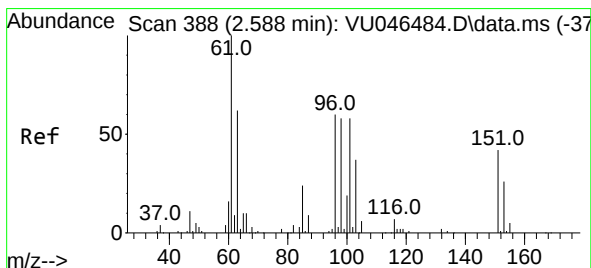
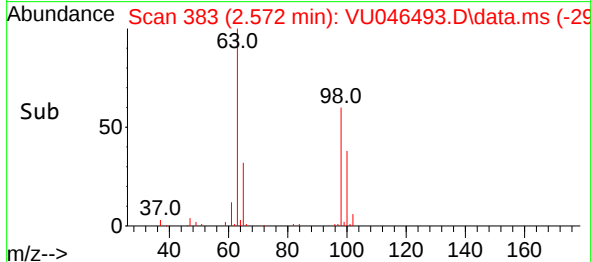
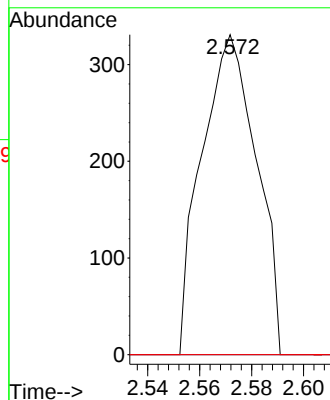
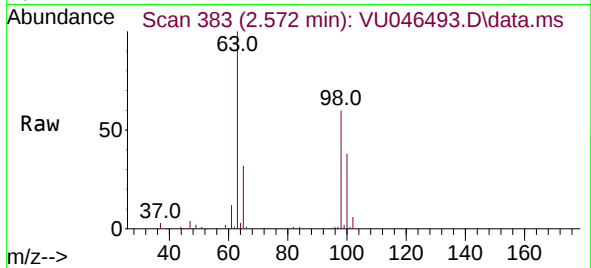




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.469 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046493.D
 Acq: 19 Dec 2021 14:38

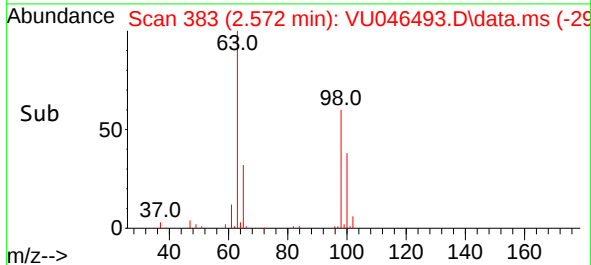
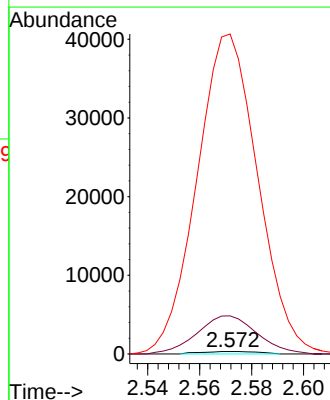
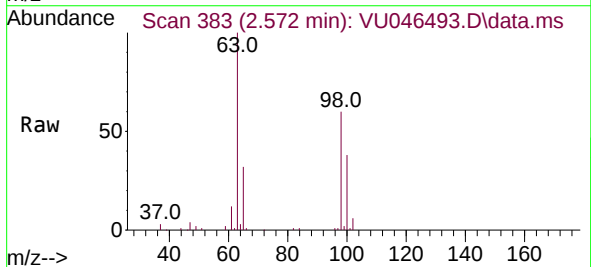
Instrument :
 MSVOA_U
 ClientSampleId :

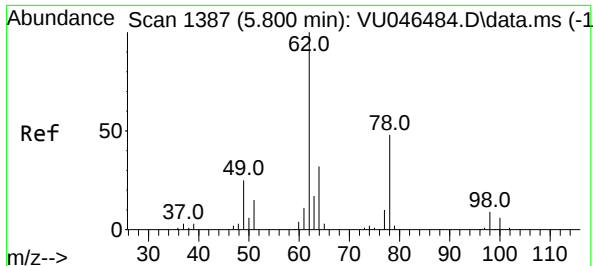
Tgt Ion:101 Resp: 485
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.494 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046493.D
 Acq: 19 Dec 2021 14:38

Tgt Ion: 96 Resp: 485
 Ion Ratio Lower Upper
 96 100
 61 1535.9 118.6 220.2#
 63 12914.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.430 ug/L

RT: 5.723 min Scan# 11

Delta R.T. -0.077 min

Lab File: VU046493.D

Acq: 19 Dec 2021 14:38

Instrument :

MSVOA_U

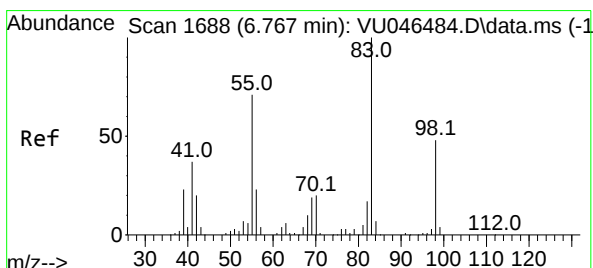
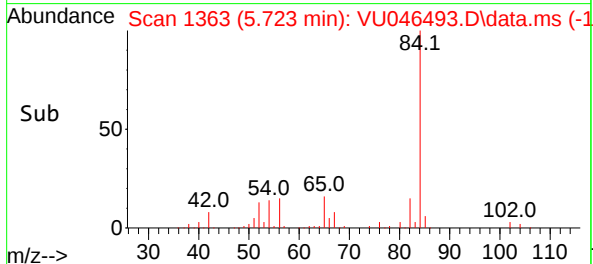
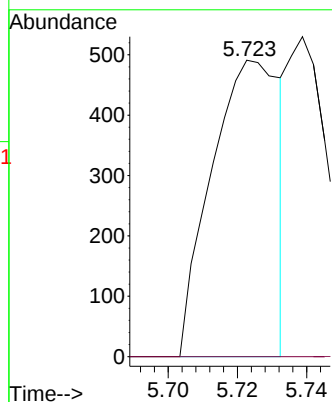
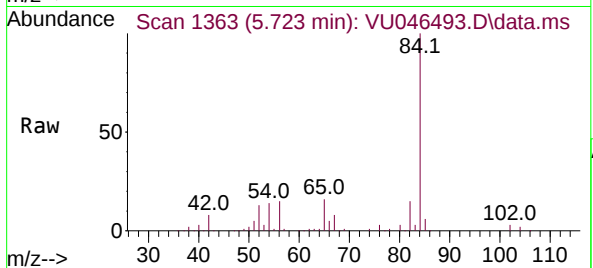
ClientSampleId :

Tgt Ion: 62 Resp: 670

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.247 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046493.D

Acq: 19 Dec 2021 14:38

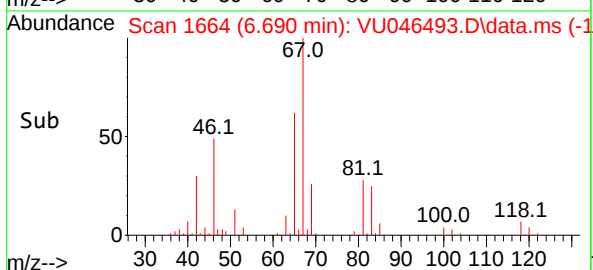
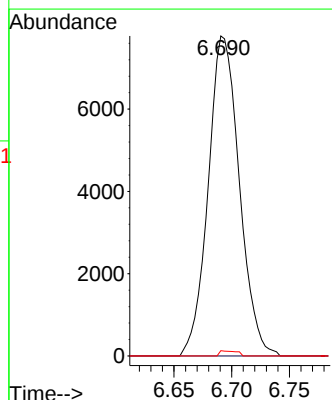
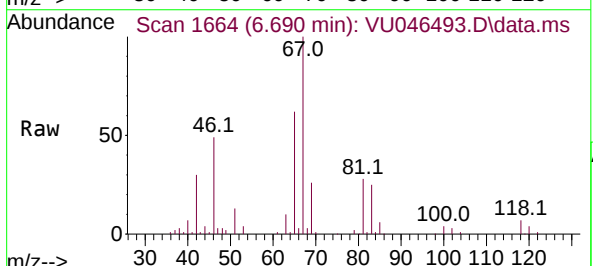
Tgt Ion: 83 Resp: 14614

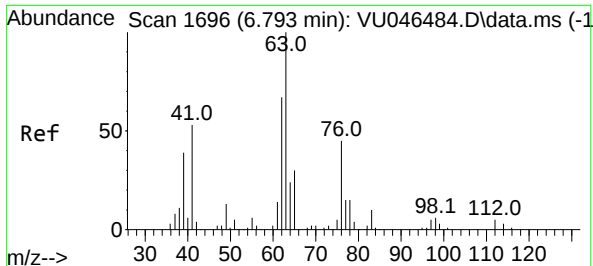
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.681 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046493.D

Acq: 19 Dec 2021 14:38

Instrument :

MSVOA_U

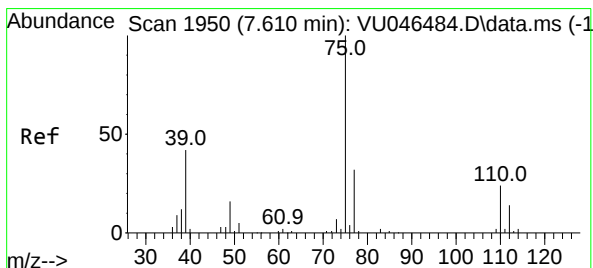
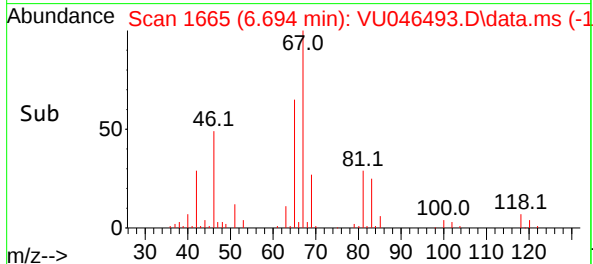
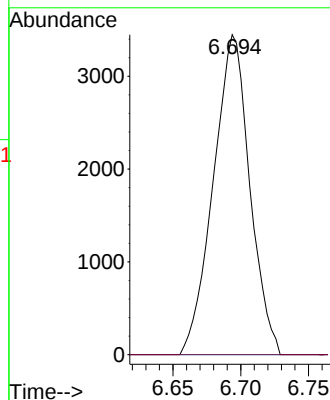
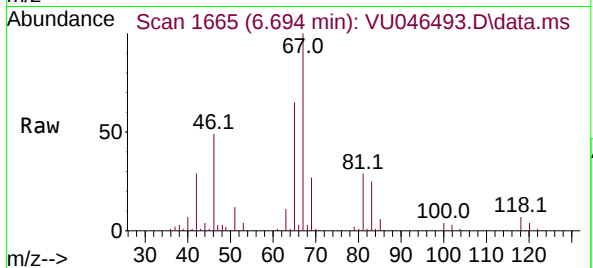
ClientSampleId :

Tgt Ion: 63 Resp: 6456

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.022 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046493.D

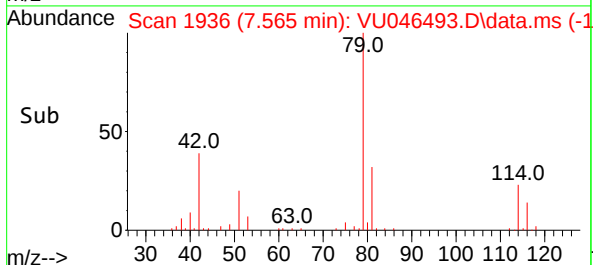
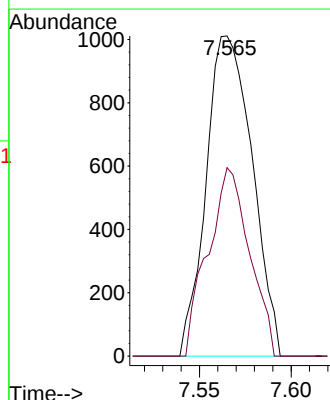
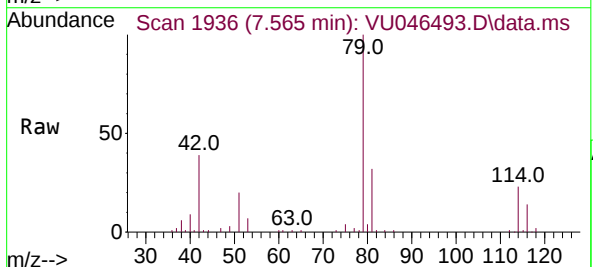
Acq: 19 Dec 2021 14:38

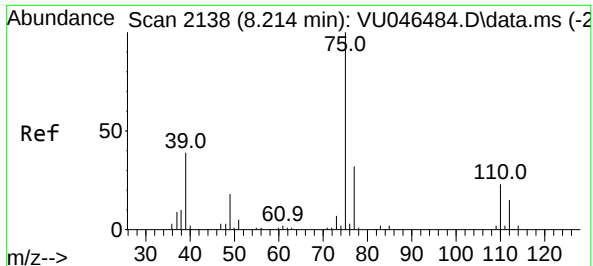
Tgt Ion: 75 Resp: 1766

Ion Ratio Lower Upper

75 100

77 58.9 21.8 40.6#

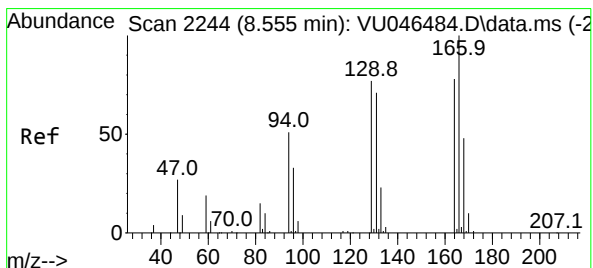
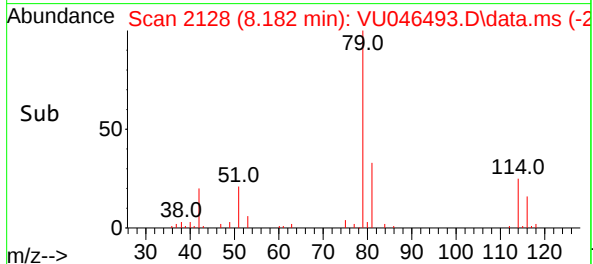
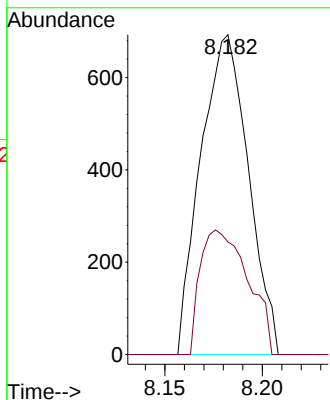
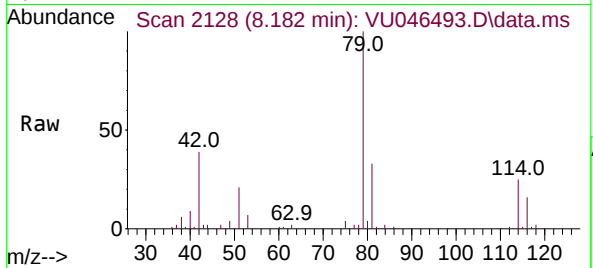




#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046493.D
Acq: 19 Dec 2021 14:38

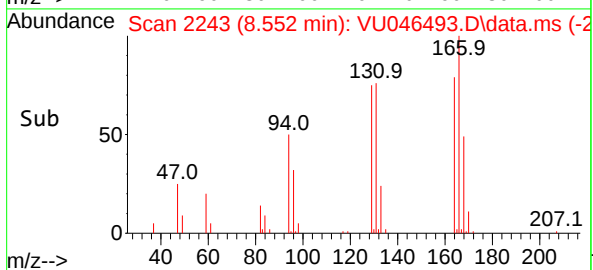
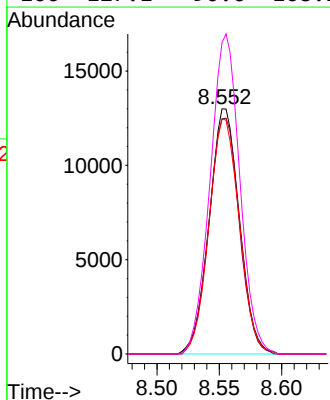
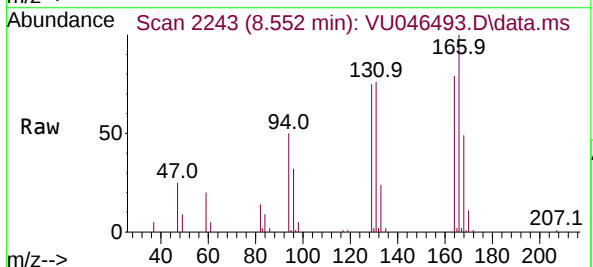
Instrument :
MSVOA_U
ClientSampleId :

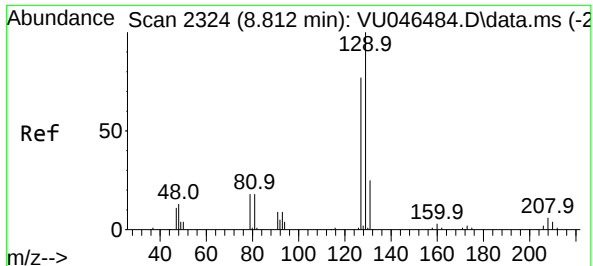
Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
77 35.2 21.7 40.3



#46
Tetrachloroethene
Concen: 26.161 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046493.D
Acq: 19 Dec 2021 14:38

Tgt Ion: 164 Resp: 21970
Ion Ratio Lower Upper
164 100
129 95.9 71.1 132.1
131 96.0 67.8 126.0
166 127.1 90.6 168.2





#49

Dibromochloromethane

Concen: 17.783 ug/L

RT: 8.555 min Scan# 21289

Delta R.T. -0.257 min

Lab File: VU046493.D

Acq: 19 Dec 2021 14:38

Instrument :

MSVOA_U

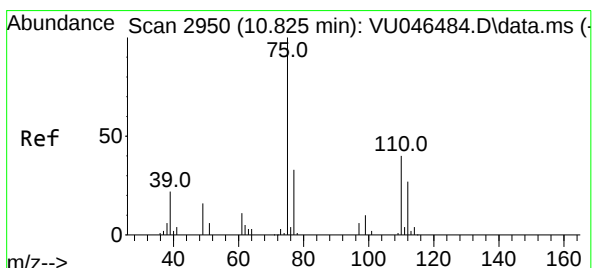
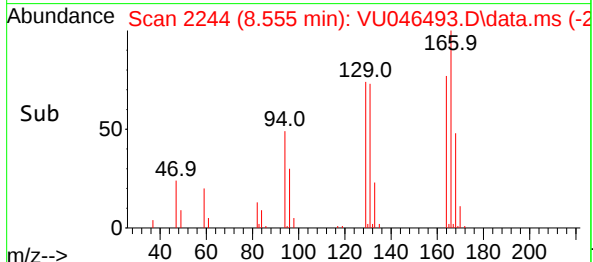
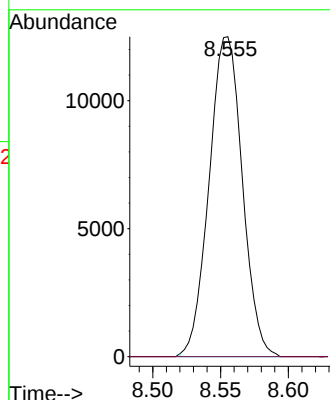
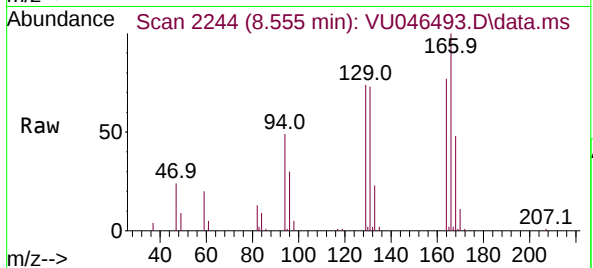
ClientSampleId :

Tgt Ion:129 Resp: 21289

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.526 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046493.D

Acq: 19 Dec 2021 14:38

Tgt Ion: 75 Resp: 8852

Ion Ratio Lower Upper

75 100

77 30.2 26.4 39.6

110 2.9 32.4 48.6#

