

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046473.D
 Acq On : 17 Dec 2021 15:41
 Operator : SY/MD
 Sample : M5066-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:29:32 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)

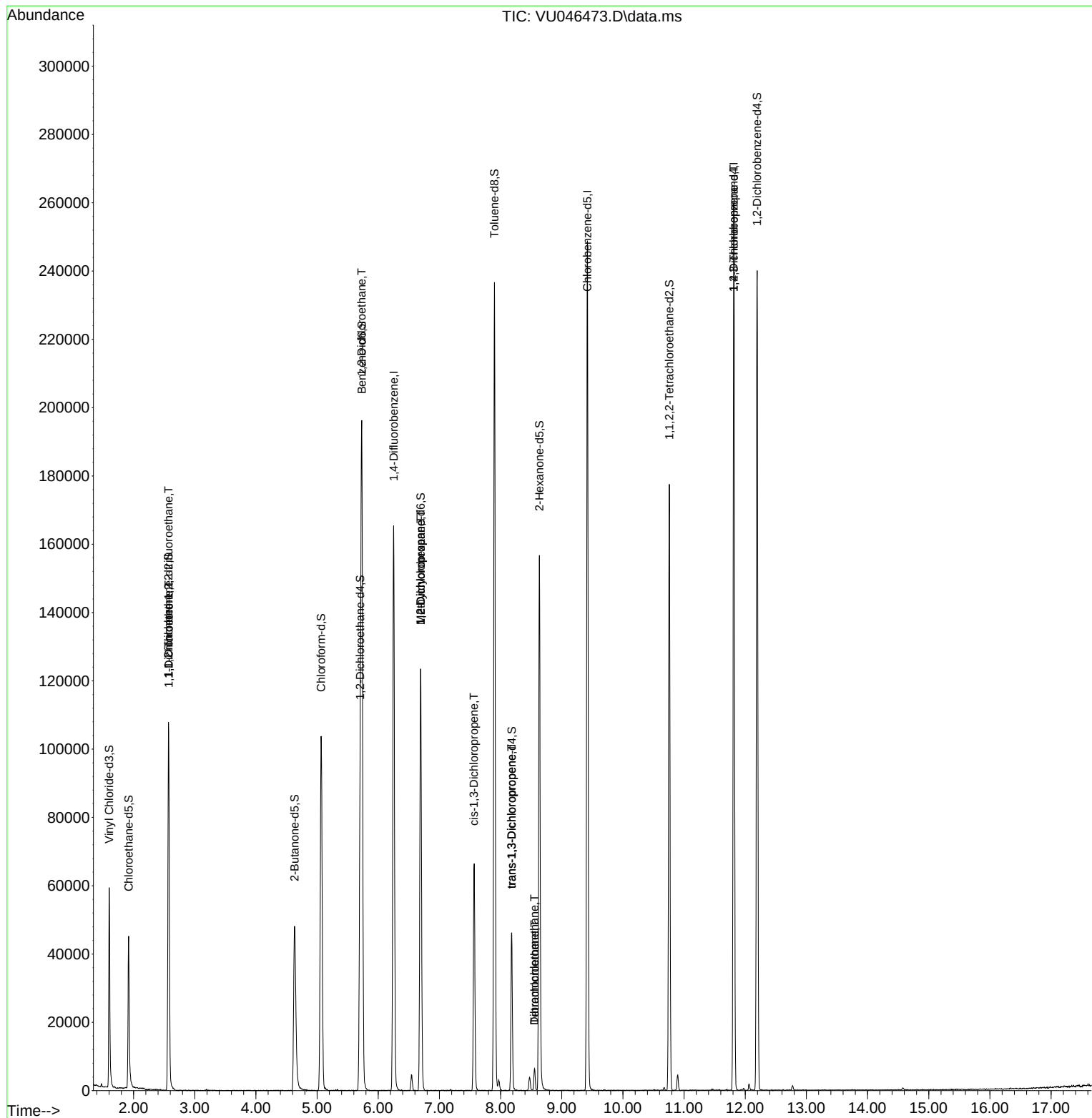
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	133595	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	136781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46899	42.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.240%		
7) Chloroethane-d5	1.919	69	36494	43.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.380%		
11) 1,1-Dichloroethene-d2	2.571	63	64164	32.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.960%		
21) 2-Butanone-d5	4.632	46	76429	87.364	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.360%		
24) Chloroform-d	5.067	84	92515	50.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.680%		
26) 1,2-Dichloroethane-d4	5.703	65	62461	50.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.280%		
32) Benzene-d6	5.732	84	181344	46.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
36) 1,2-Dichloropropane-d6	6.693	67	56909	46.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.680%		
41) Toluene-d8	7.899	98	155546	43.577	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.160%		
43) trans-1,3-Dichloroprop...	8.182	79	26540	45.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.500%		
47) 2-Hexanone-d5	8.636	63	56440	97.974	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.970%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84390	45.800	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	61681	47.325	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.640%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	630	0.648	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	471	0.510	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	990	0.676	ug/L #	73
35) Methylcyclohexane	6.693	83	13885	8.211	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6424	5.924	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1766	1.070	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	1195	0.737	ug/L	95
46) Tetrachloroethene	8.555	164	1339	1.671	ug/L	93
49) Dibromochloromethane	8.552	129	1293	1.132	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8315	5.605	ug/L #	65

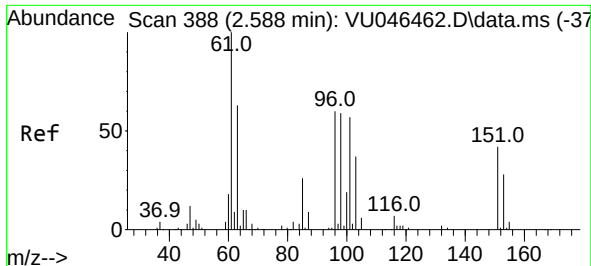
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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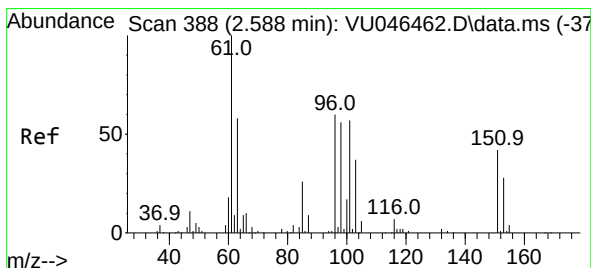
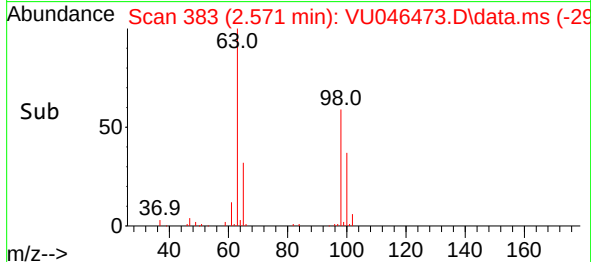
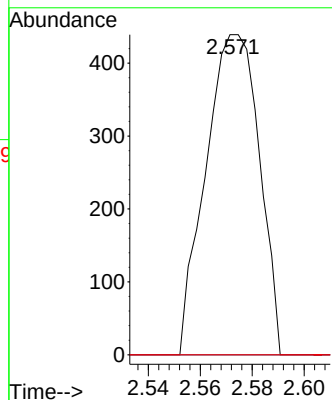
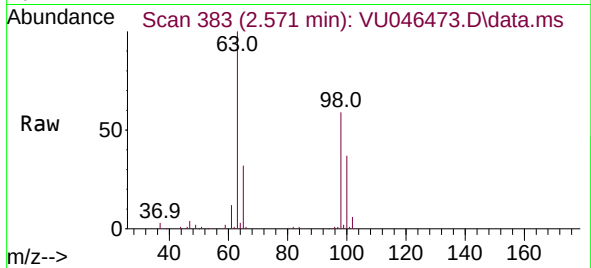




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.648 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046473.D
 Acq: 17 Dec 2021 15:41

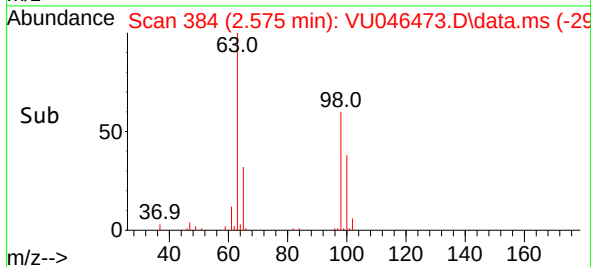
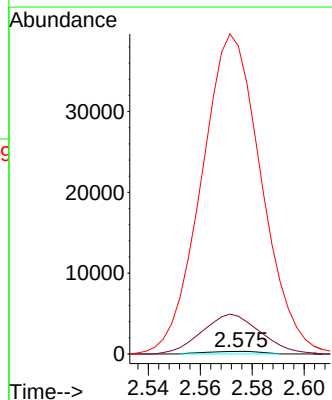
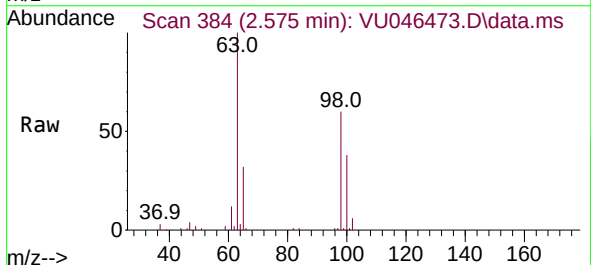
Instrument :
 MSVOA_U
 ClientSampleId :

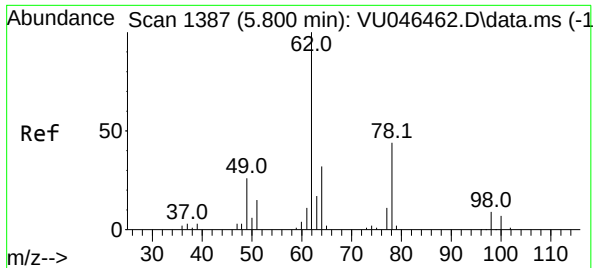
Tgt Ion:101 Resp: 630
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.510 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046473.D
 Acq: 17 Dec 2021 15:41

Tgt Ion: 96 Resp: 471
 Ion Ratio Lower Upper
 96 100
 61 1476.9 118.6 220.2#
 63 12073.4 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.676 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046473.D

Acq: 17 Dec 2021 15:41

Instrument :

MSVOA_U

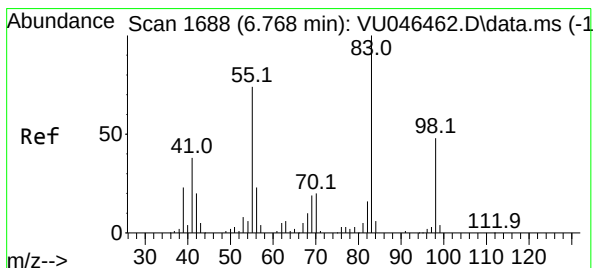
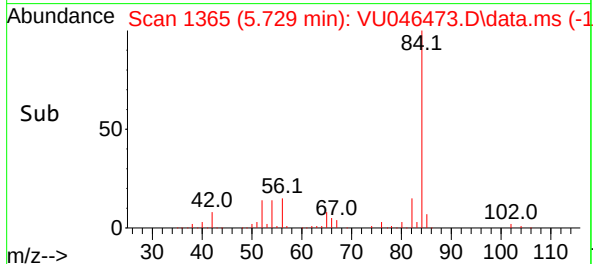
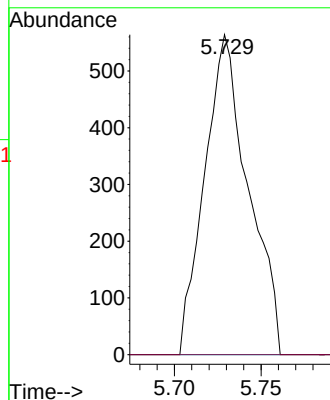
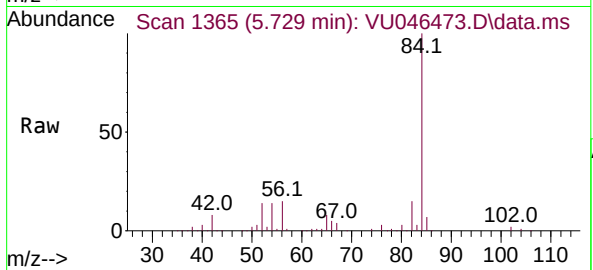
ClientSampleId :

Tgt Ion: 62 Resp: 990

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.211 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046473.D

Acq: 17 Dec 2021 15:41

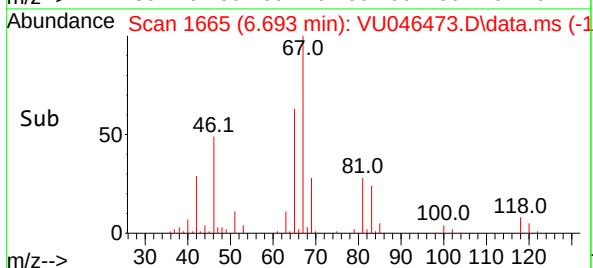
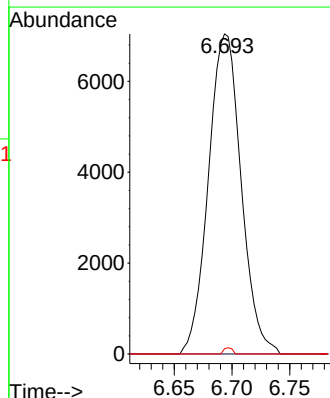
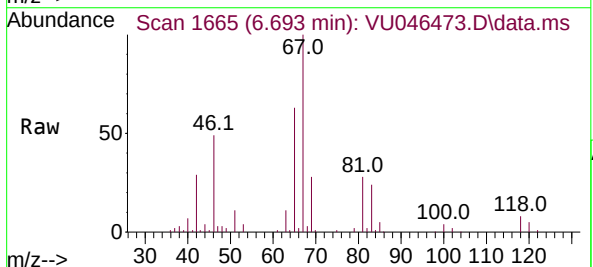
Tgt Ion: 83 Resp: 13885

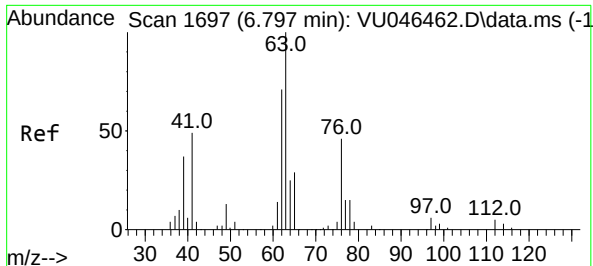
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.924 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046473.D

Acq: 17 Dec 2021 15:41

Instrument :

MSVOA_U

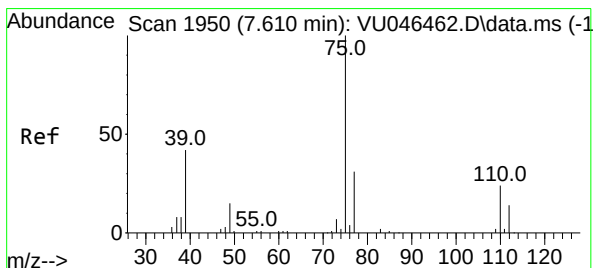
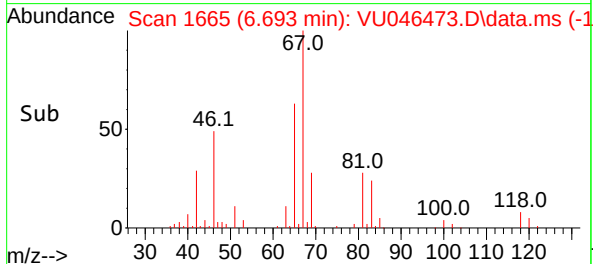
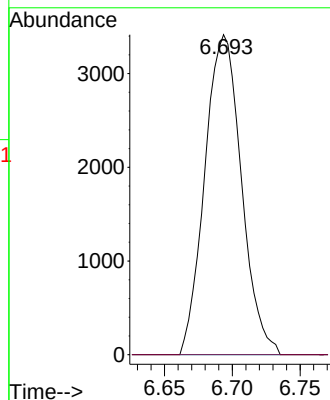
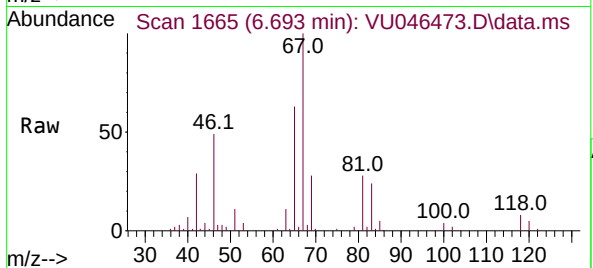
ClientSampleId :

Tgt Ion: 63 Resp: 6424

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.070 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046473.D

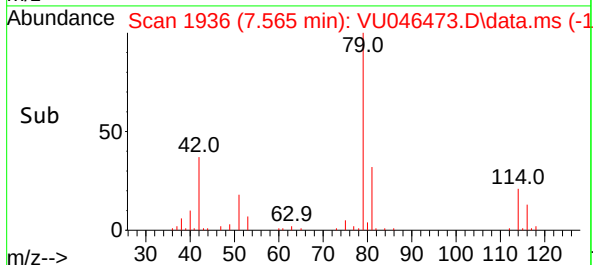
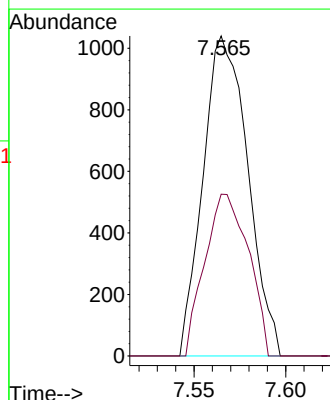
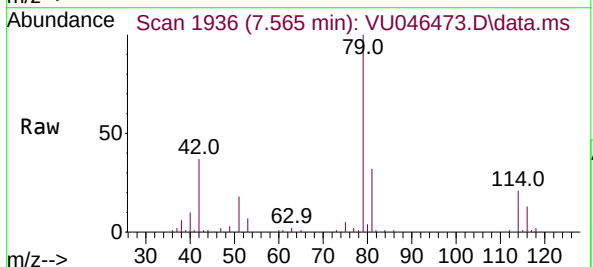
Acq: 17 Dec 2021 15:41

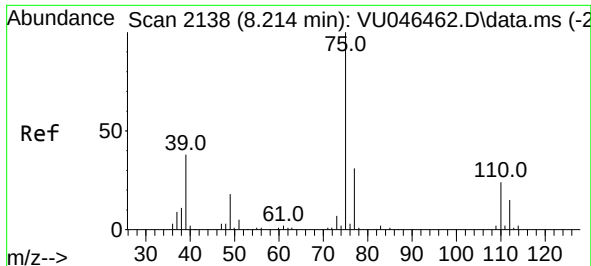
Tgt Ion: 75 Resp: 1766

Ion Ratio Lower Upper

75 100

77 50.6 21.8 40.6#

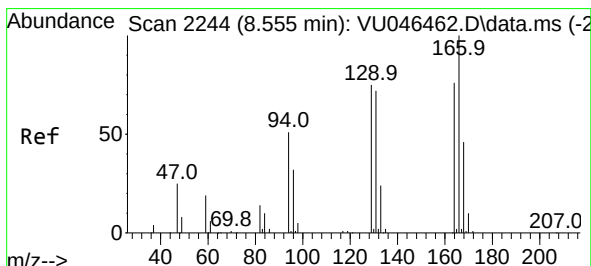
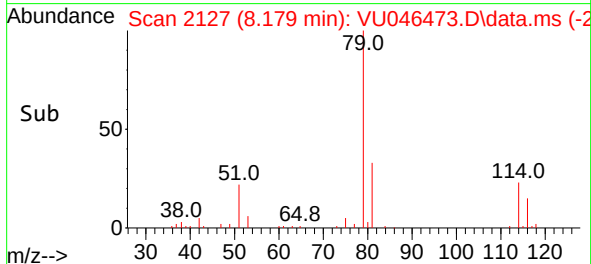
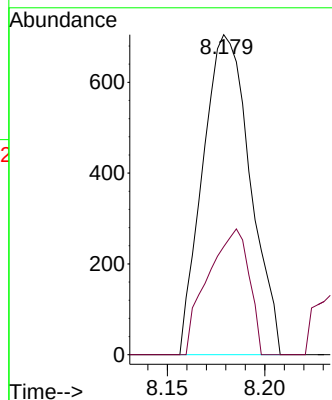
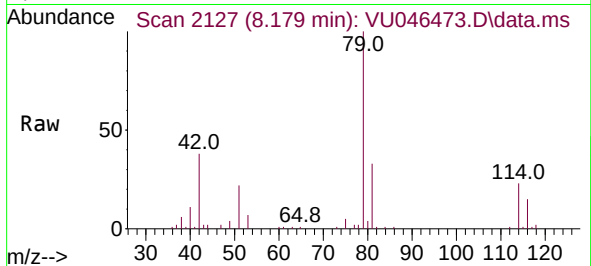




#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046473.D
Acq: 17 Dec 2021 15:41

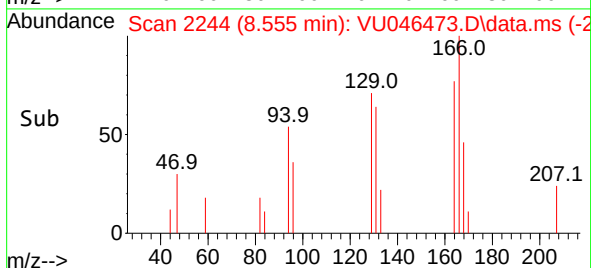
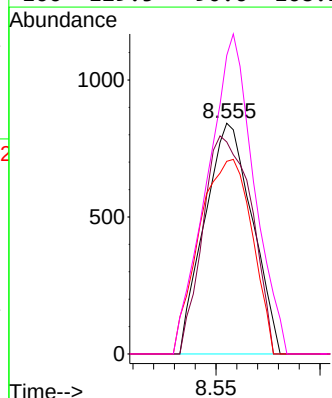
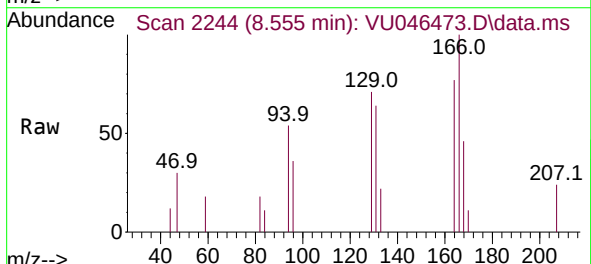
Instrument :
MSVOA_U
ClientSampleId :

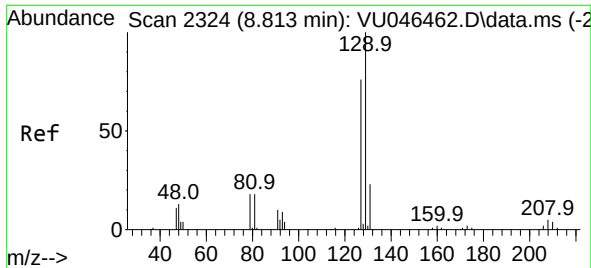
Tgt Ion: 75 Resp: 1195
Ion Ratio Lower Upper
75 100
77 33.8 21.7 40.3



#46
Tetrachloroethene
Concen: 1.671 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046473.D
Acq: 17 Dec 2021 15:41

Tgt Ion: 164 Resp: 1339
Ion Ratio Lower Upper
164 100
129 91.9 71.1 132.1
131 83.5 67.8 126.0
166 129.5 90.6 168.2

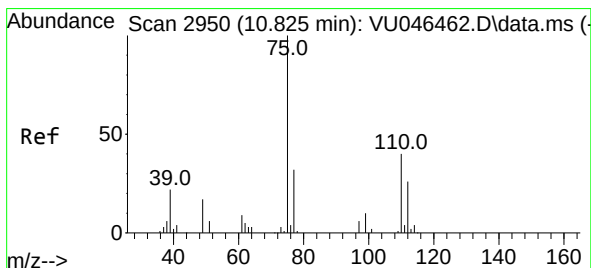
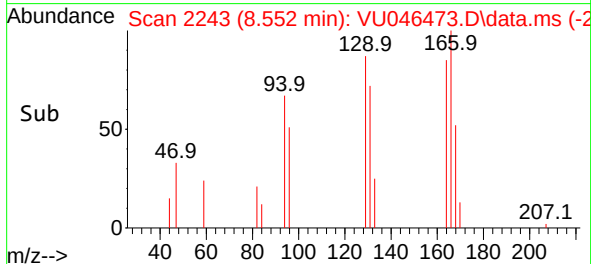
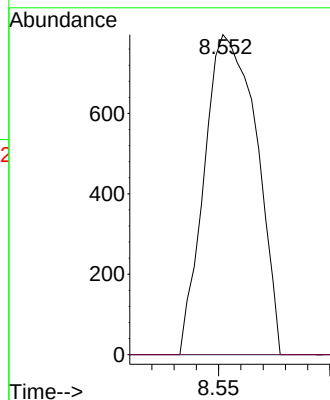
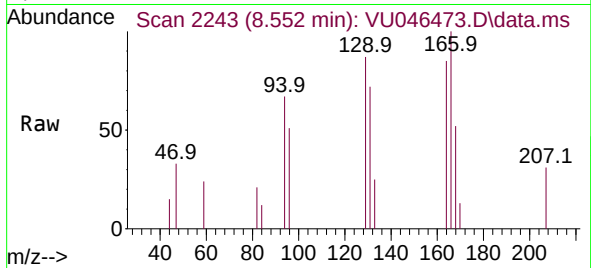




#49
Dibromochloromethane
Concen: 1.132 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU046473.D
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ClientSampleId :

Tgt Ion:129 Resp: 1293
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.605 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046473.D
Acq: 17 Dec 2021 15:41

Tgt Ion: 75 Resp: 8315
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 1.7 32.4 48.6#

