

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046215.D
 Acq On : 09 Dec 2021 13:18
 Operator : SY/MD
 Sample : M4887-15MEDL 10X
 Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:10 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)

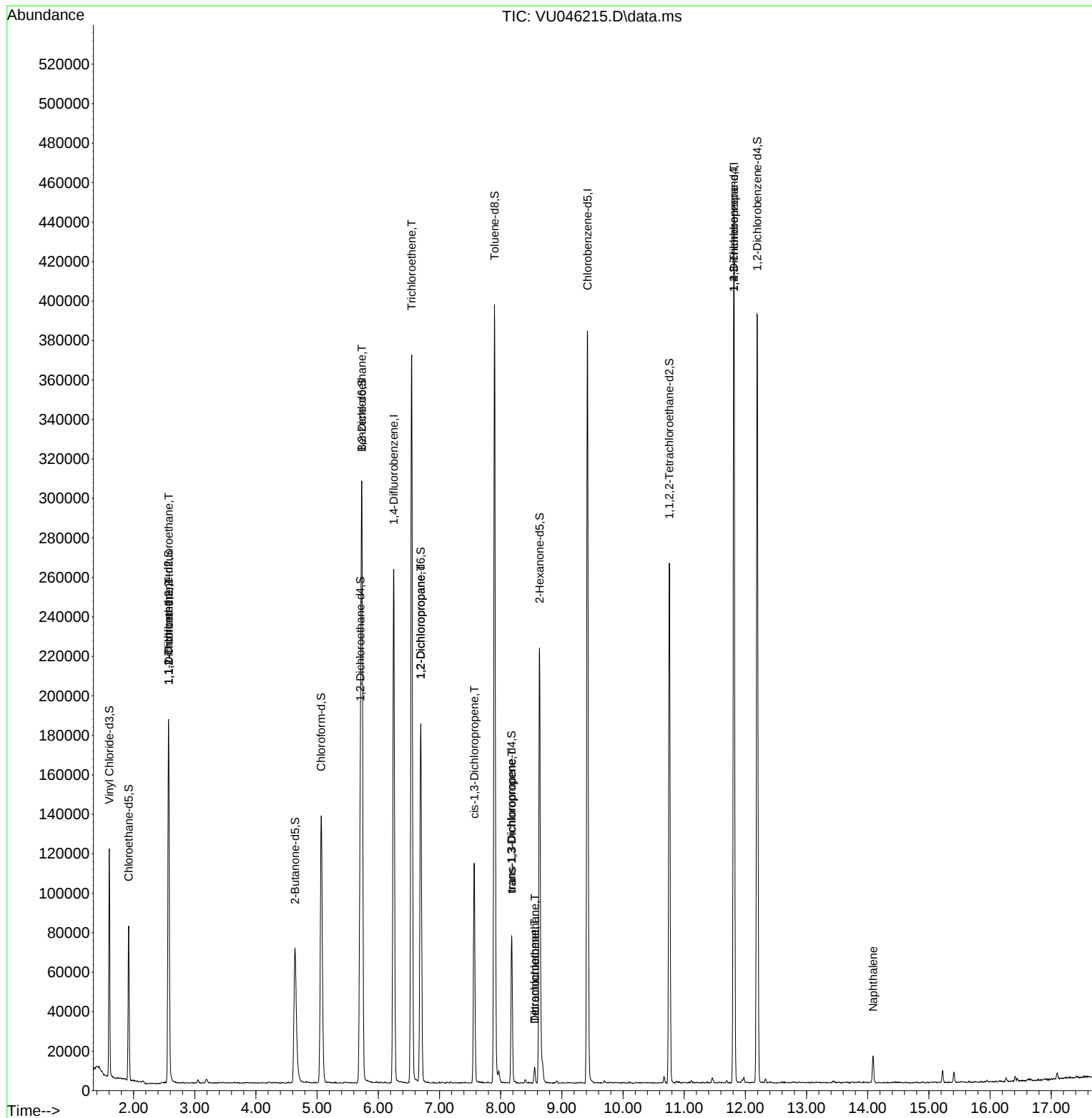
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	215363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	220226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	81496	45.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.880%		
7) Chloroethane-d5	1.919	69	56758	41.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.340%		
11) 1,1-Dichloroethene-d2	2.572	63	107793	33.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.700%		
21) 2-Butanone-d5	4.639	46	117089	83.025	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.030%		
24) Chloroform-d	5.067	84	126524	42.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
26) 1,2-Dichloroethane-d4	5.706	65	88521	44.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.040%		
32) Benzene-d6	5.732	84	290377	46.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	6.694	67	87108	44.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.060%		
41) Toluene-d8	7.899	98	265277	46.158	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.320%		
43) trans-1,3-Dichloroprop...	8.179	79	42820	45.344	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.680%		
47) 2-Hexanone-d5	8.636	63	82427	88.869	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.870%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130984	44.152	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	105767	46.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.200%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1088	0.694	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	881	0.592	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1422	0.602	ug/L #	73
34) Trichloroethene	6.546	95	126596	72.095	ug/L	99
37) 1,2-Dichloropropane	6.694	63	9458	5.417	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2657	1.000	ug/L #	56
44) trans-1,3-Dichloropropene	8.182	75	1722	0.660	ug/L #	75
46) Tetrachloroethene	8.555	164	2024	1.568	ug/L	84
49) Dibromochloromethane	8.558	129	1781	0.968	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	13474	5.159	ug/L #	64
71) Naphthalene	14.089	128	12184	1.471	ug/L	98

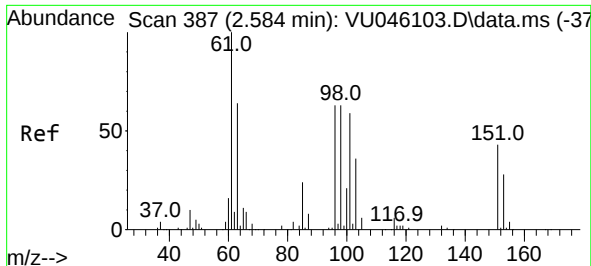
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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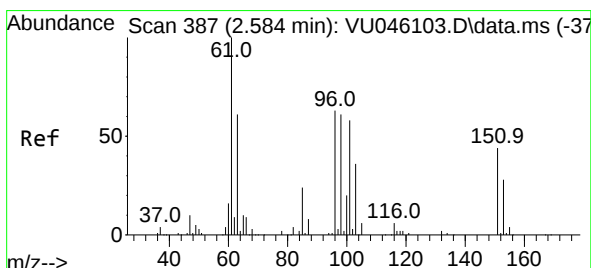
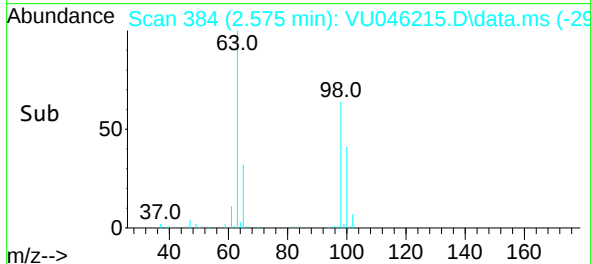
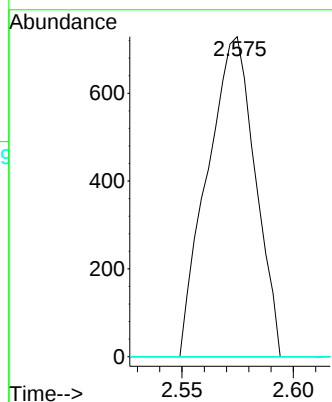
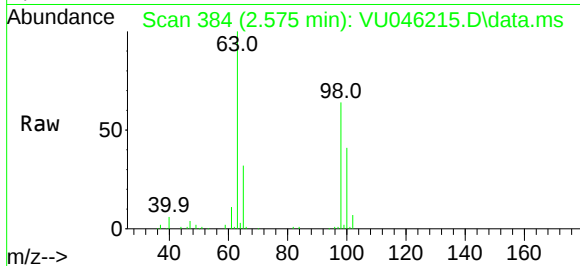




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.694 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

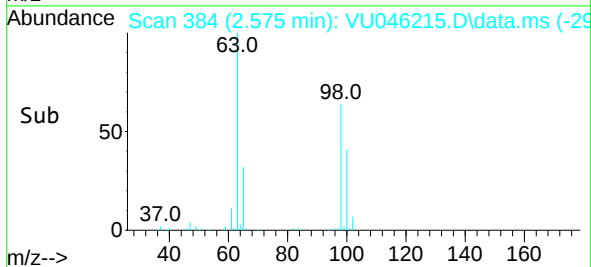
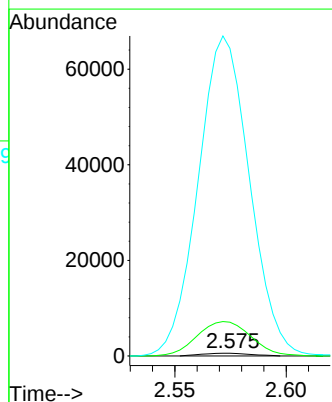
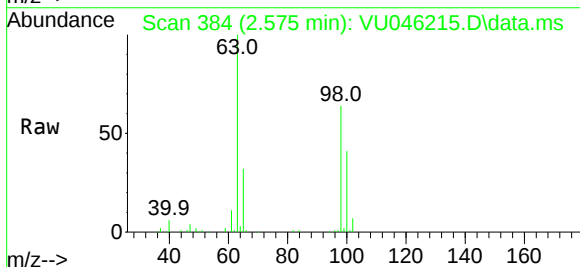
Instrument :
MSVOA_U
ClientSampleId :

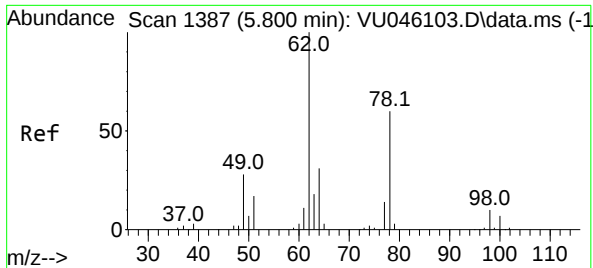
Tgt Ion:101 Resp: 1088
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.592 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

Tgt Ion: 96 Resp: 881
Ion Ratio Lower Upper
96 100
61 1203.6 118.6 220.2#
63 10981.6 93.0 172.8#

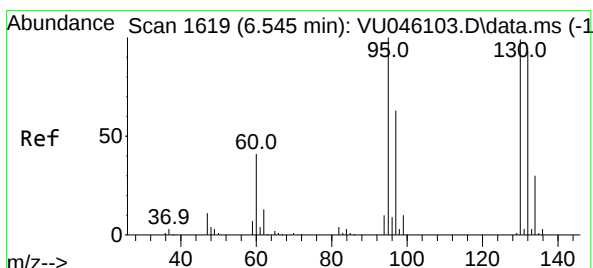
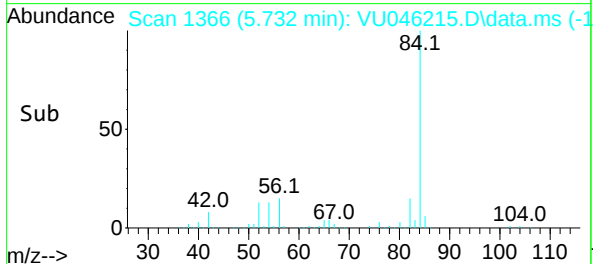
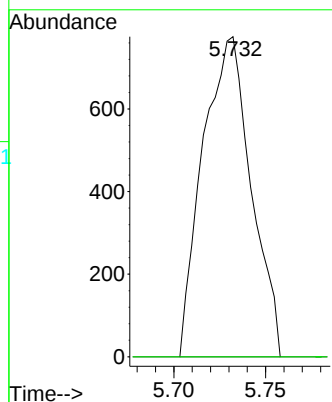
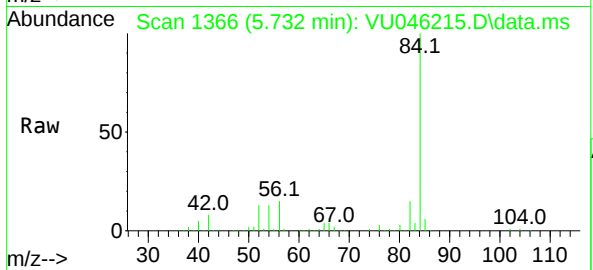




#27
1,2-Dichloroethane
Concen: 0.602 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

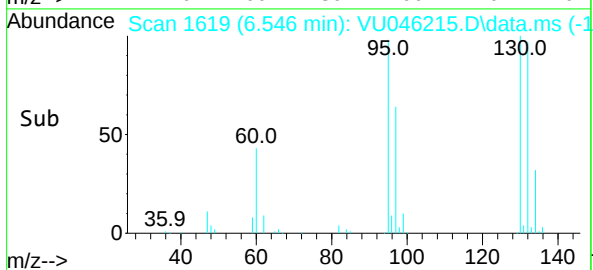
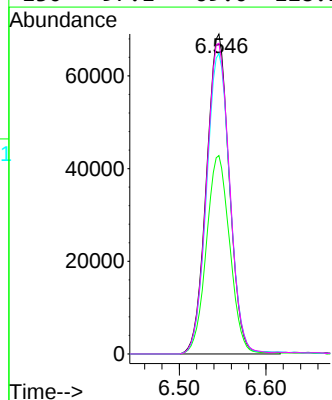
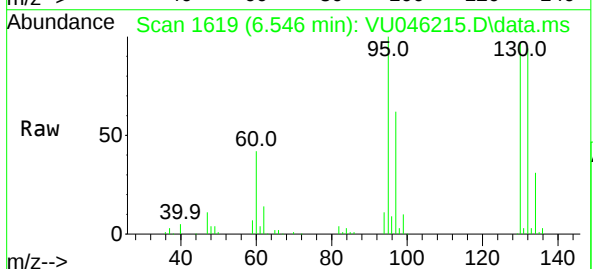
Instrument :
MSVOA_U
ClientSampleId :

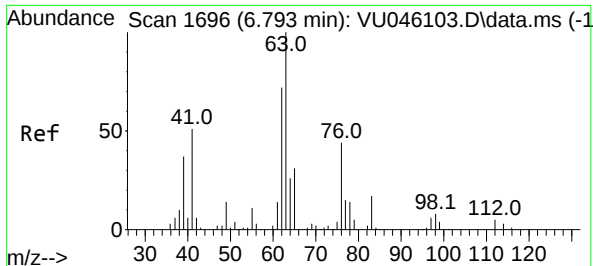
Tgt Ion: 62 Resp: 1422
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#34
Trichloroethene
Concen: 72.095 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

Tgt Ion: 95 Resp: 126596
Ion Ratio Lower Upper
95 100
97 62.0 44.1 81.9
132 93.9 66.8 124.0
130 97.1 69.0 128.1





#37

1,2-Dichloropropane

Concen: 5.417 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046215.D

Acq: 09 Dec 2021 13:18

Instrument :

MSVOA_U

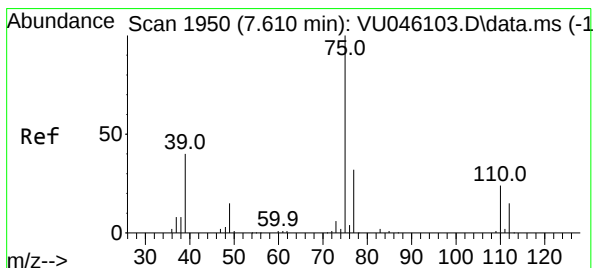
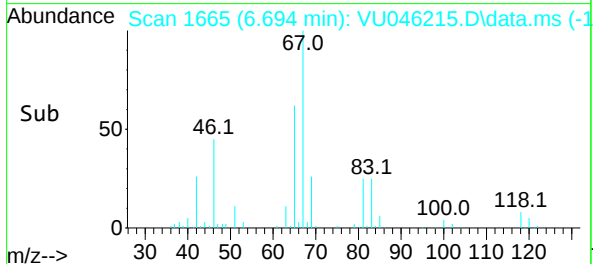
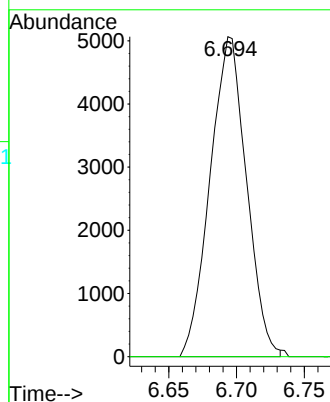
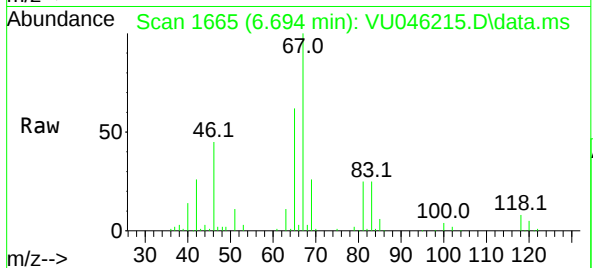
ClientSampleId :

Tgt Ion: 63 Resp: 9458

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046215.D

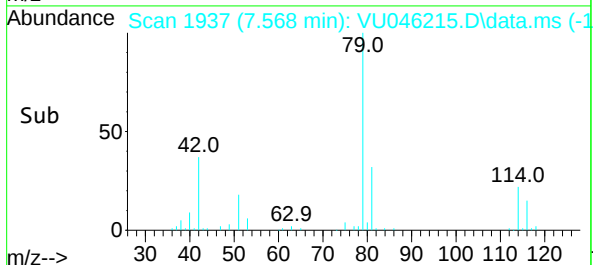
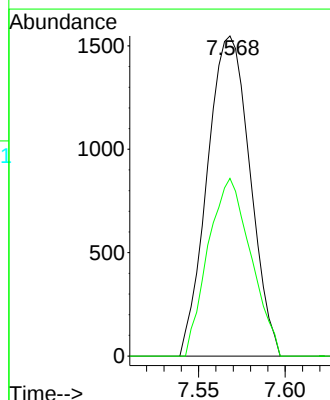
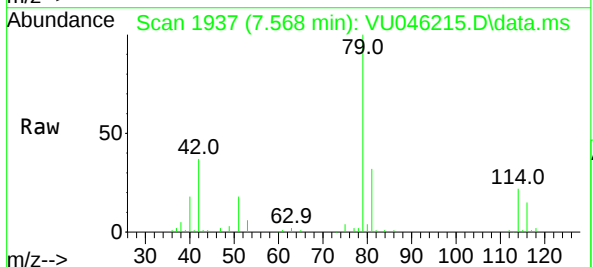
Acq: 09 Dec 2021 13:18

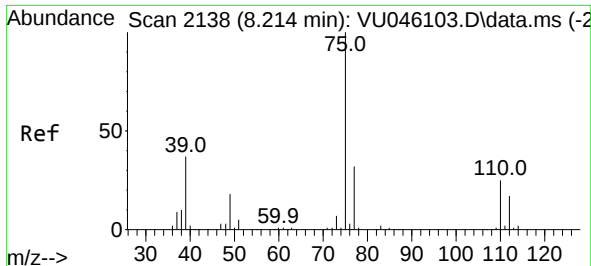
Tgt Ion: 75 Resp: 2657

Ion Ratio Lower Upper

75 100

77 55.5 21.8 40.6#

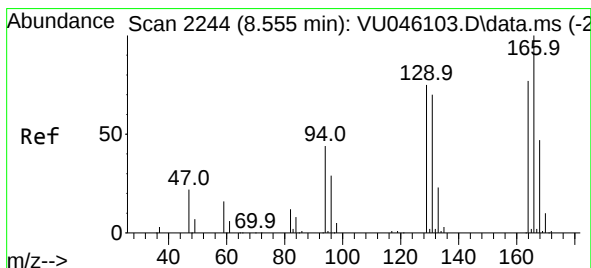
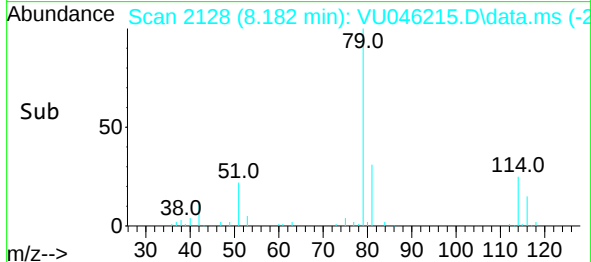
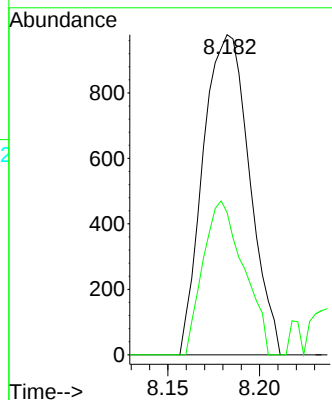
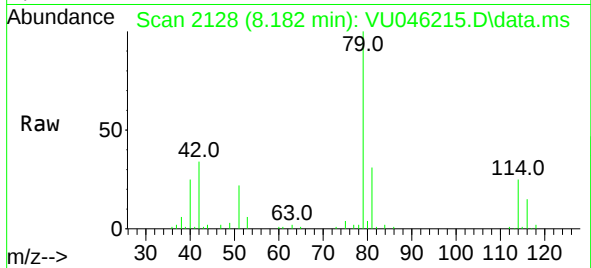




#44
trans-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

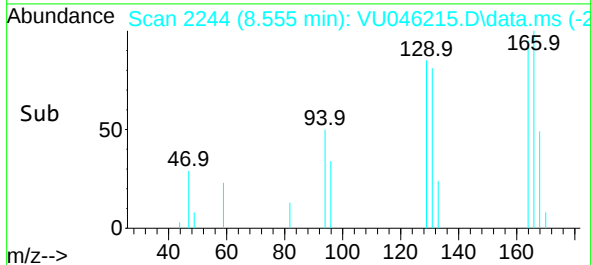
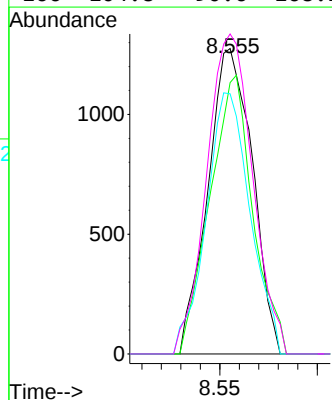
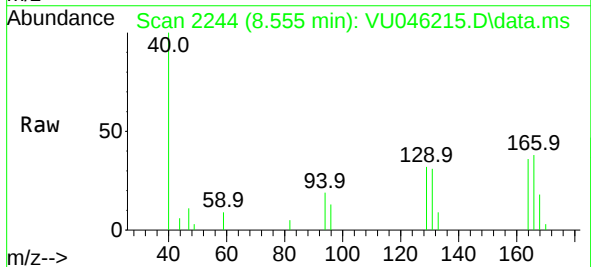
Instrument :
MSVOA_U
ClientSampleId :

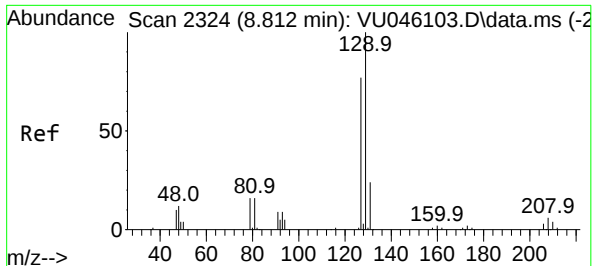
Tgt Ion: 75 Resp: 1722
Ion Ratio Lower Upper
75 100
77 44.5 21.7 40.3#



#46
Tetrachloroethene
Concen: 1.568 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046215.D
Acq: 09 Dec 2021 13:18

Tgt Ion: 164 Resp: 2024
Ion Ratio Lower Upper
164 100
129 88.9 71.1 132.1
131 85.2 67.8 126.0
166 104.8 90.6 168.2





#49

Dibromochloromethane

Concen: 0.968 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU046215.D

Acq: 09 Dec 2021 13:18

Instrument :

MSVOA_U

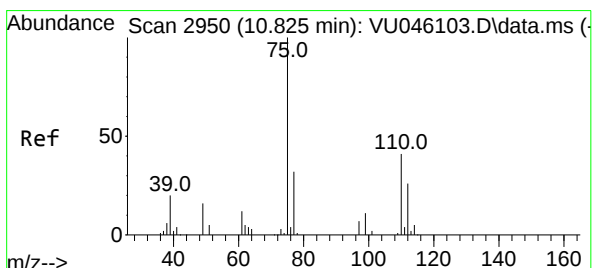
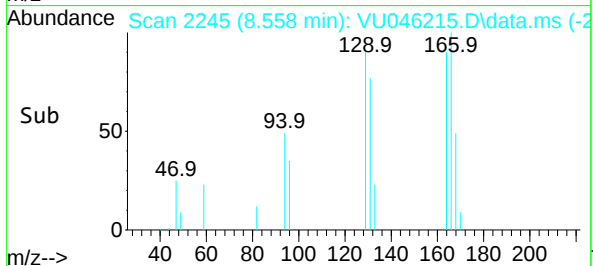
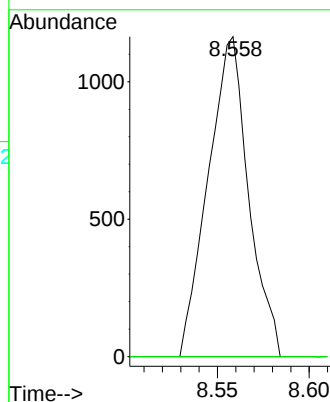
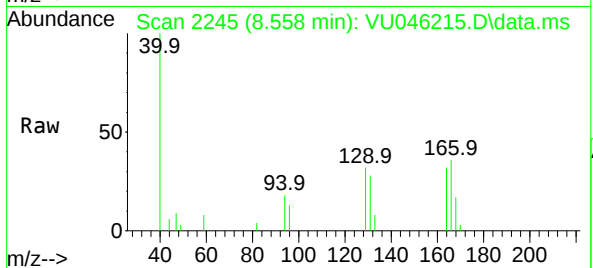
ClientSampleId :

Tgt Ion:129 Resp: 1781

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046215.D

Acq: 09 Dec 2021 13:18

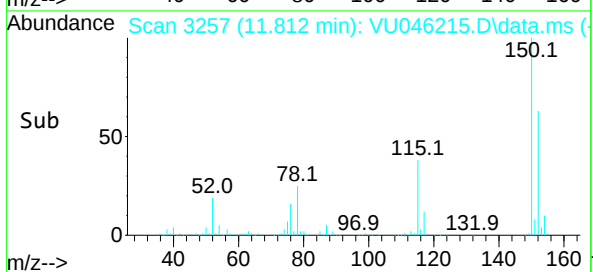
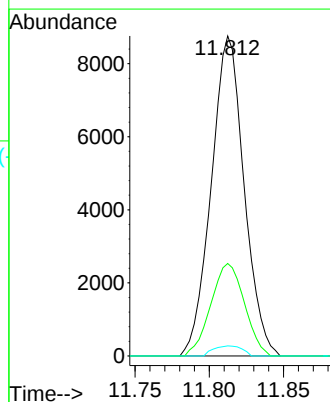
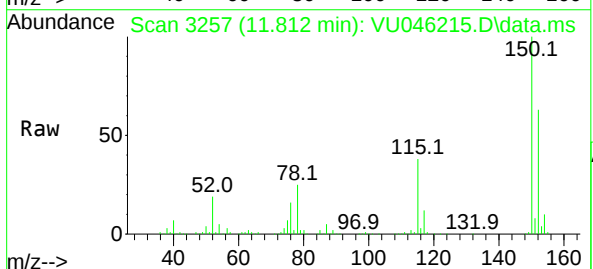
Tgt Ion: 75 Resp: 13474

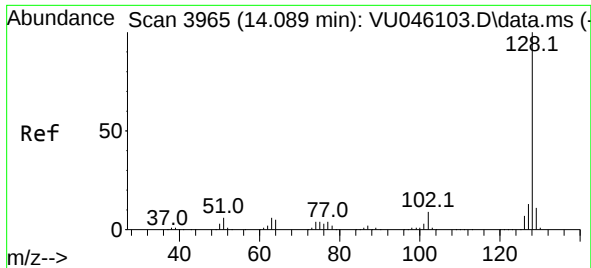
Ion Ratio Lower Upper

75 100

77 29.6 26.4 39.6

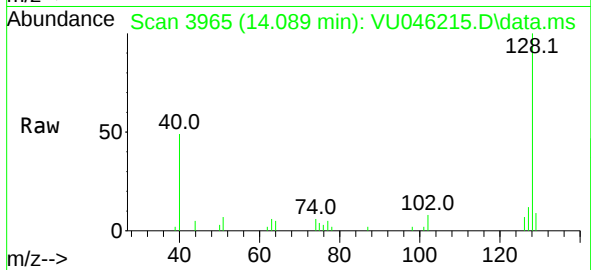
110 2.7 32.4 48.6#





#71
 Naphthalene
 Concen: 1.471 ug/L
 RT: 14.089 min Scan# 3965
 Delta R.T. 0.000 min
 Lab File: VU046215.D
 Acq: 09 Dec 2021 13:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	12184
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	9.6	8.6	13.0

