

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046216.D
 Acq On : 09 Dec 2021 13:40
 Operator : SY/MD
 Sample : M4887-12MEDL 20X
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:18 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)

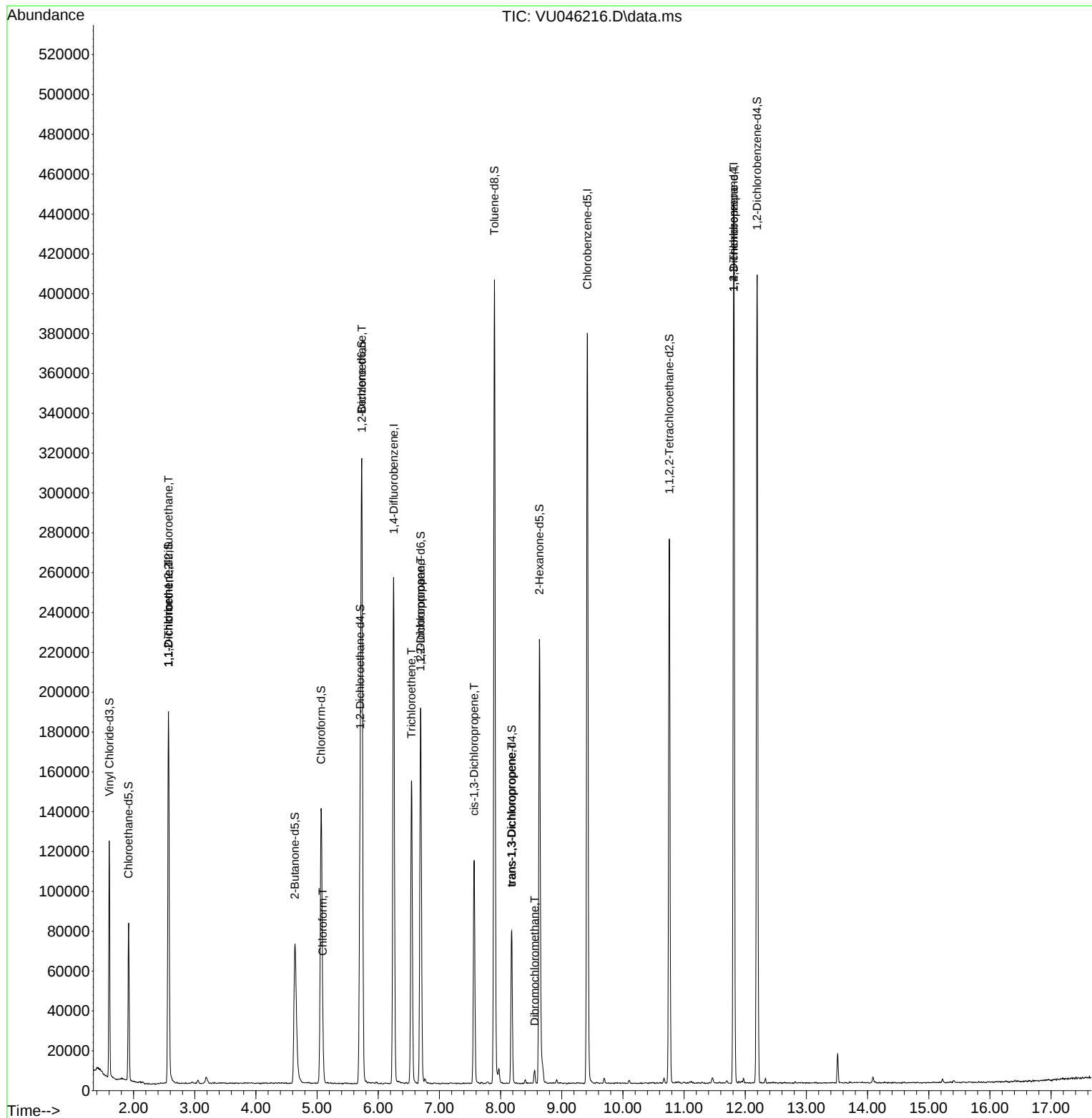
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	213679	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	218193	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	84544	48.032	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.060%		
7) Chloroethane-d5	1.919	69	58086	42.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.960%		
11) 1,1-Dichloroethene-d2	2.572	63	110463	34.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.920%		
21) 2-Butanone-d5	4.639	46	122877	87.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.820%		
24) Chloroform-d	5.067	84	127125	43.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.500%		
26) 1,2-Dichloroethane-d4	5.703	65	89586	45.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.820%		
32) Benzene-d6	5.729	84	296784	47.457	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.920%		
36) 1,2-Dichloropropane-d6	6.694	67	90208	46.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.080%		
41) Toluene-d8	7.899	98	272647	47.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
43) trans-1,3-Dichloroprop...	8.182	79	45317	48.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.880%		
47) 2-Hexanone-d5	8.636	63	85076	92.579	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.580%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134887	45.891	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	107565	47.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1005	0.646	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	844	0.571	ug/L #	1
25) Chloroform	5.092	83	12989	4.112	ug/L	98
27) 1,2-Dichloroethane	5.732	62	1378	0.588	ug/L #	73
34) Trichloroethene	6.542	95	51556	29.634	ug/L	98
37) 1,2-Dichloropropane	6.690	63	9743	5.632	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2840	1.079	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	1749	0.677	ug/L #	80
49) Dibromochloromethane	8.555	129	1519	0.833	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	13539	5.256	ug/L #	66

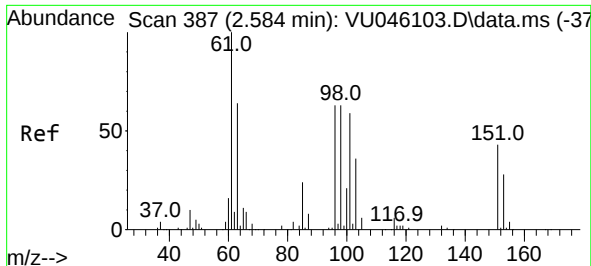
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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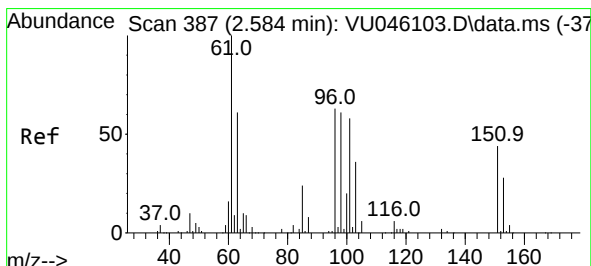
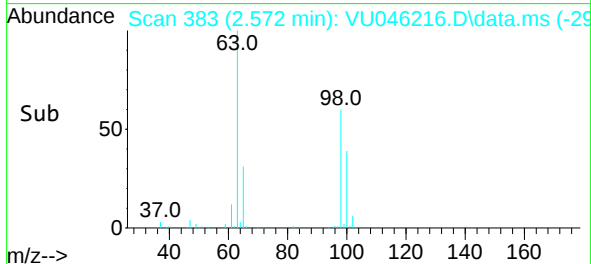
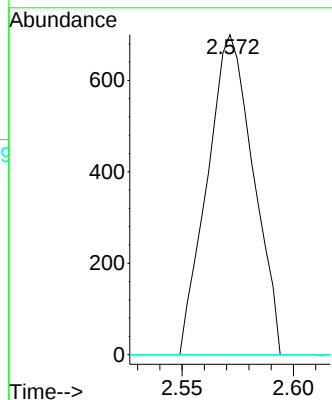
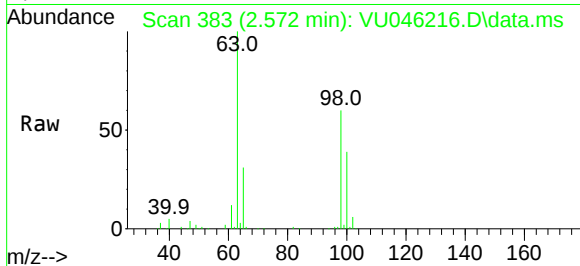




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.646 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046216.D
 Acq: 09 Dec 2021 13:40

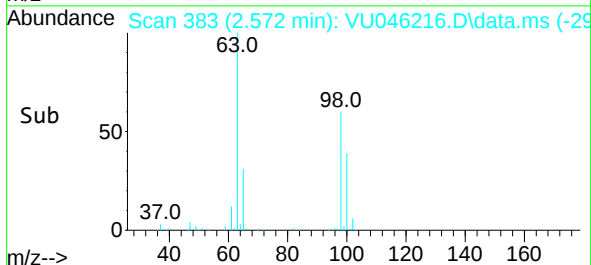
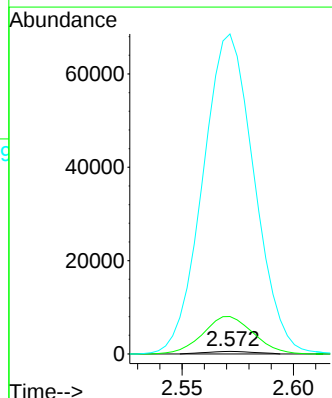
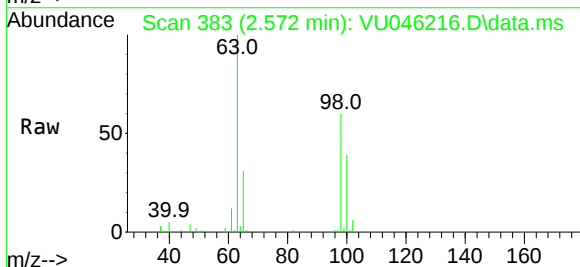
Instrument :
 MSVOA_U
 ClientSampleId :

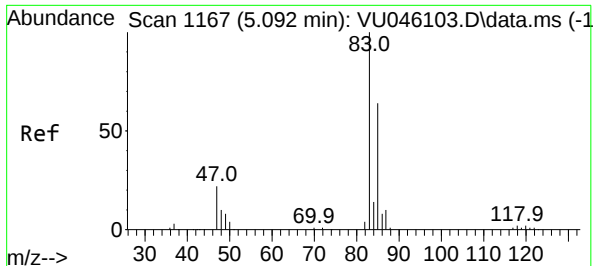
Tgt Ion:101 Resp: 1005
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.571 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046216.D
 Acq: 09 Dec 2021 13:40

Tgt Ion: 96 Resp: 844
 Ion Ratio Lower Upper
 96 100
 61 1424.3 118.6 220.2#
 63 12157.4 93.0 172.8#





#25

Chloroform

Concen: 4.112 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046216.D

Acq: 09 Dec 2021 13:40

Instrument :

MSVOA_U

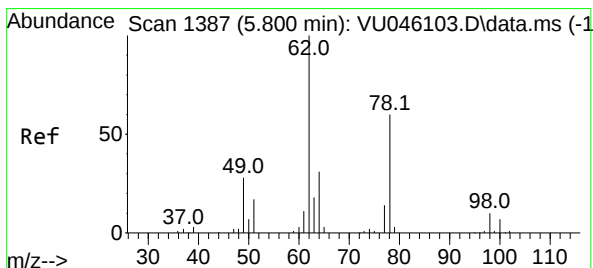
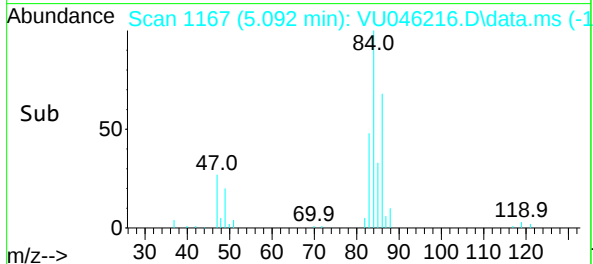
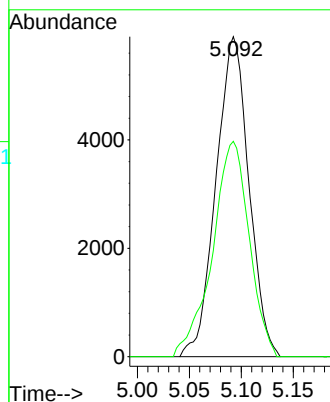
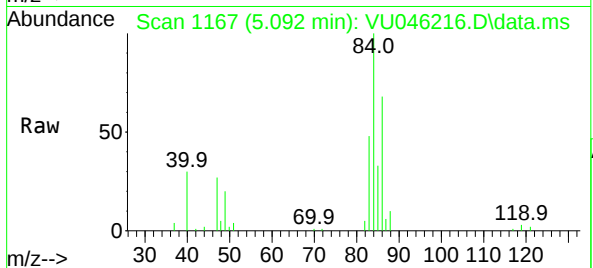
ClientSampleId :

Tgt Ion: 83 Resp: 12989

Ion Ratio Lower Upper

83 100

85 67.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.588 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.068 min

Lab File: VU046216.D

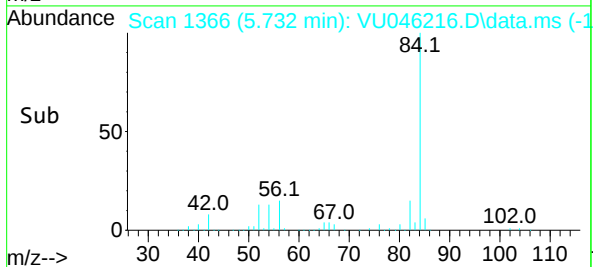
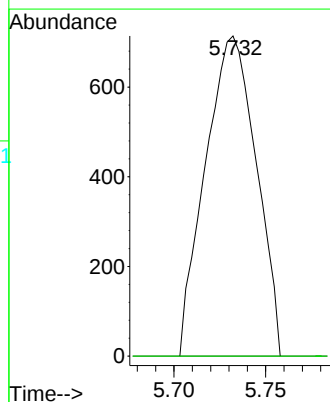
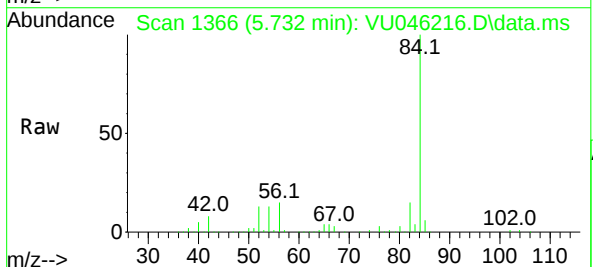
Acq: 09 Dec 2021 13:40

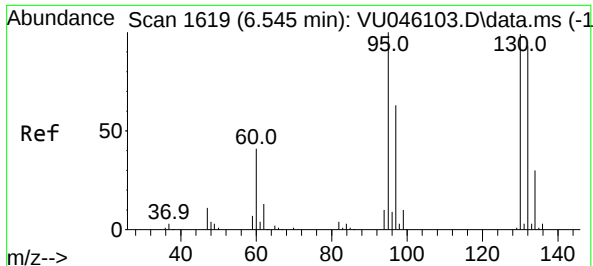
Tgt Ion: 62 Resp: 1378

Ion Ratio Lower Upper

62 100

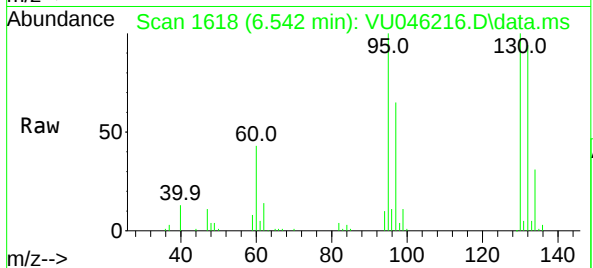
98 0.0 7.9 11.9#



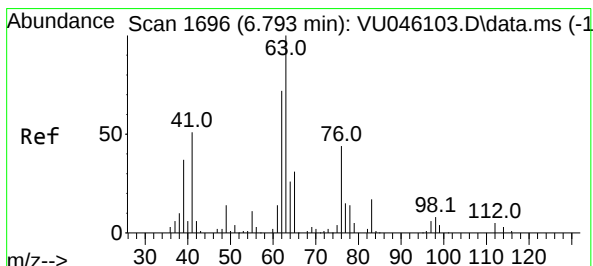
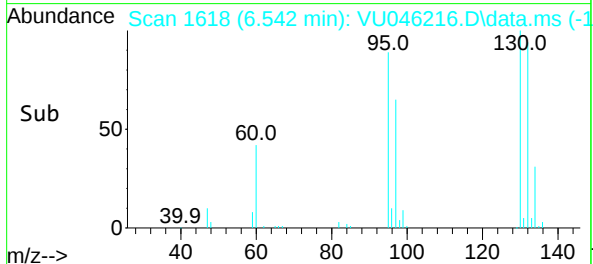
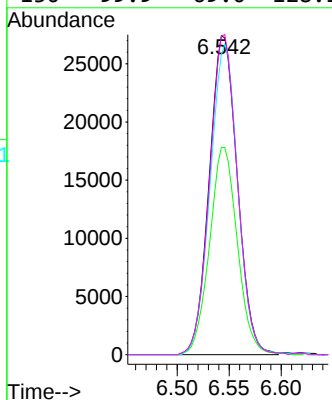


#34
Trichloroethene
Concen: 29.634 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046216.D
Acq: 09 Dec 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :

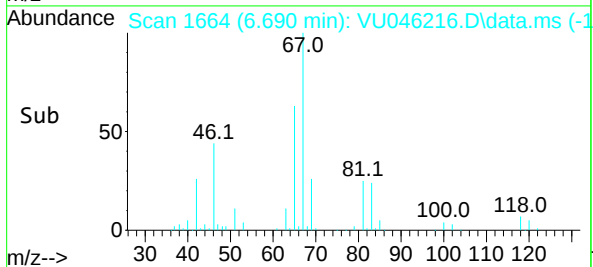
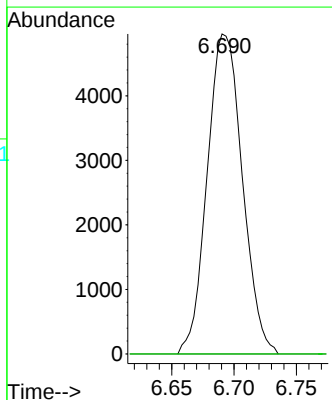
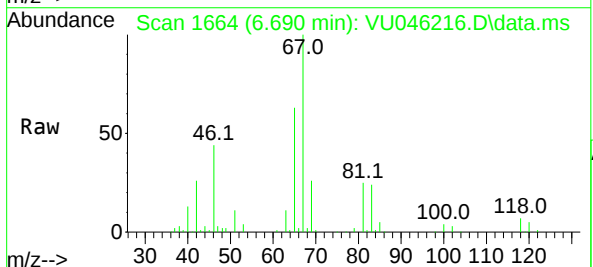


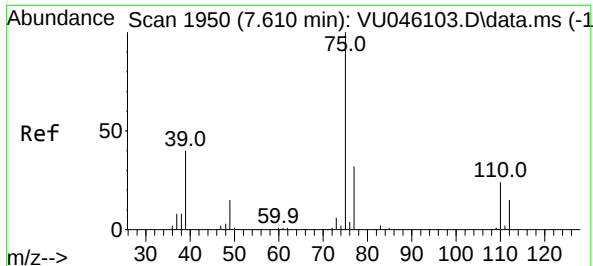
Tgt Ion: 95 Resp: 51556
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 94.2 66.8 124.0
130 99.9 69.0 128.1



#37
1,2-Dichloropropane
Concen: 5.632 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046216.D
Acq: 09 Dec 2021 13:40

Tgt Ion: 63 Resp: 9743
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.079 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046216.D

Acq: 09 Dec 2021 13:40

Instrument :

MSVOA_U

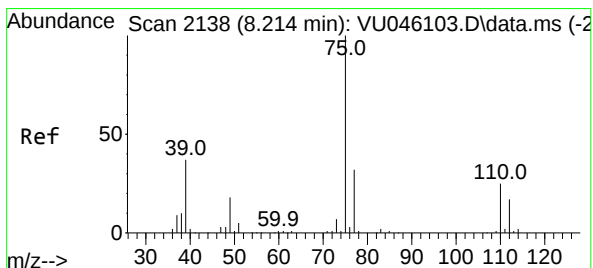
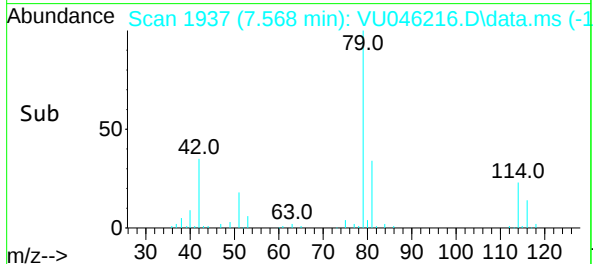
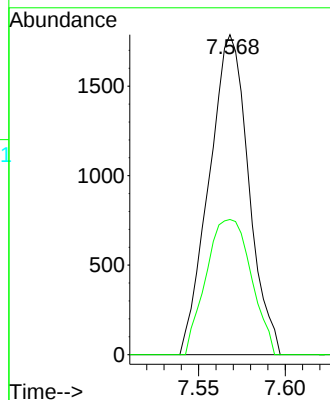
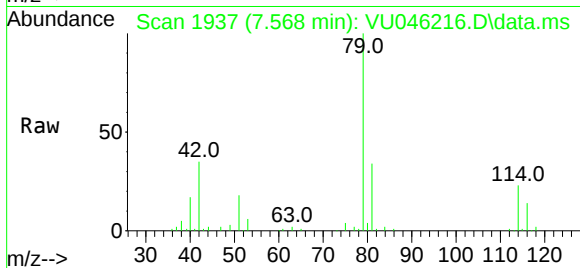
ClientSampleId :

Tgt Ion: 75 Resp: 2840

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046216.D

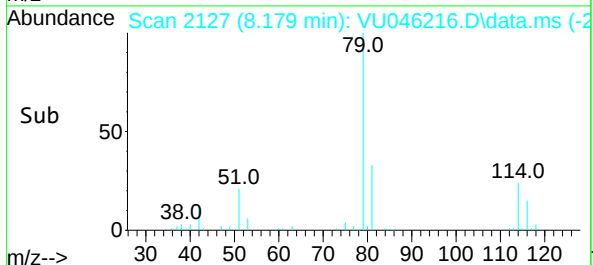
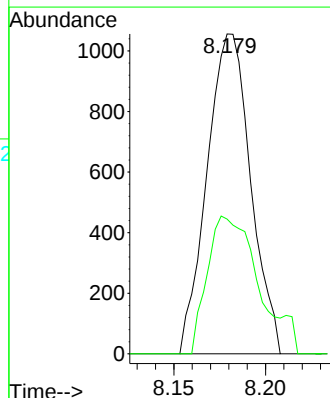
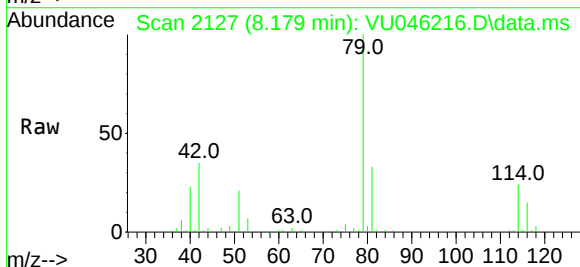
Acq: 09 Dec 2021 13:40

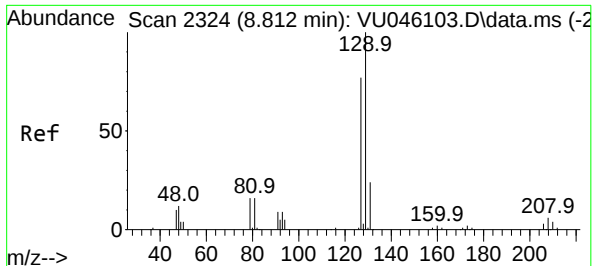
Tgt Ion: 75 Resp: 1749

Ion Ratio Lower Upper

75 100

77 42.1 21.7 40.3#





#49

Dibromochloromethane

Concen: 0.833 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU046216.D

Acq: 09 Dec 2021 13:40

Instrument :

MSVOA_U

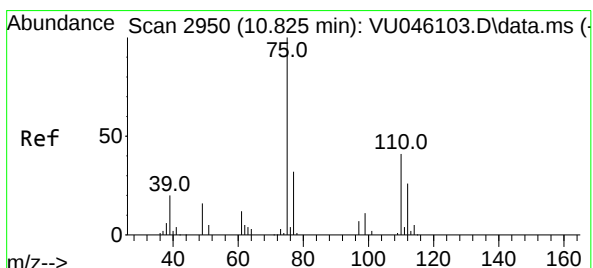
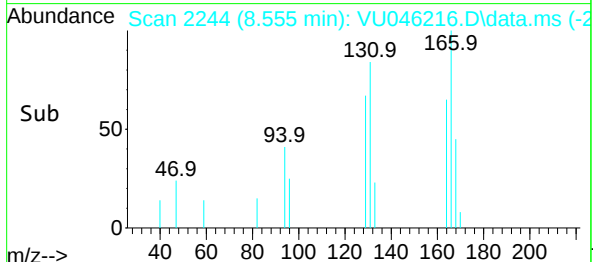
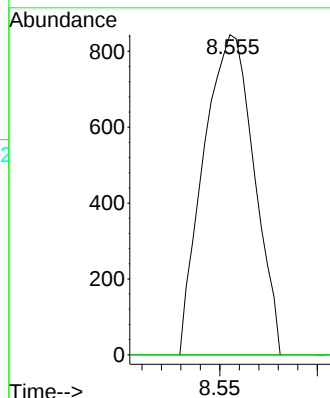
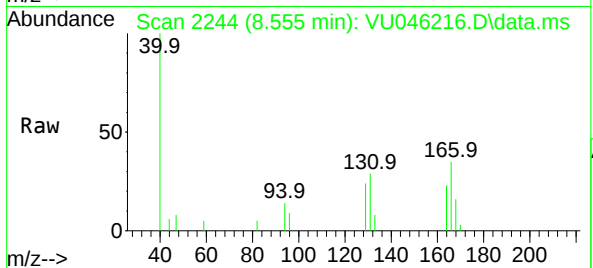
ClientSampleId :

Tgt Ion:129 Resp: 1519

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.256 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046216.D

Acq: 09 Dec 2021 13:40

Tgt Ion: 75 Resp: 13539

Ion Ratio Lower Upper

75 100

77 33.3 26.4 39.6

110 2.9 32.4 48.6#

