

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021722\
 Data File : VU047197.D
 Acq On : 17 Feb 2022 11:13
 Operator : SY/MD
 Sample : N1462-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 18 00:55:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

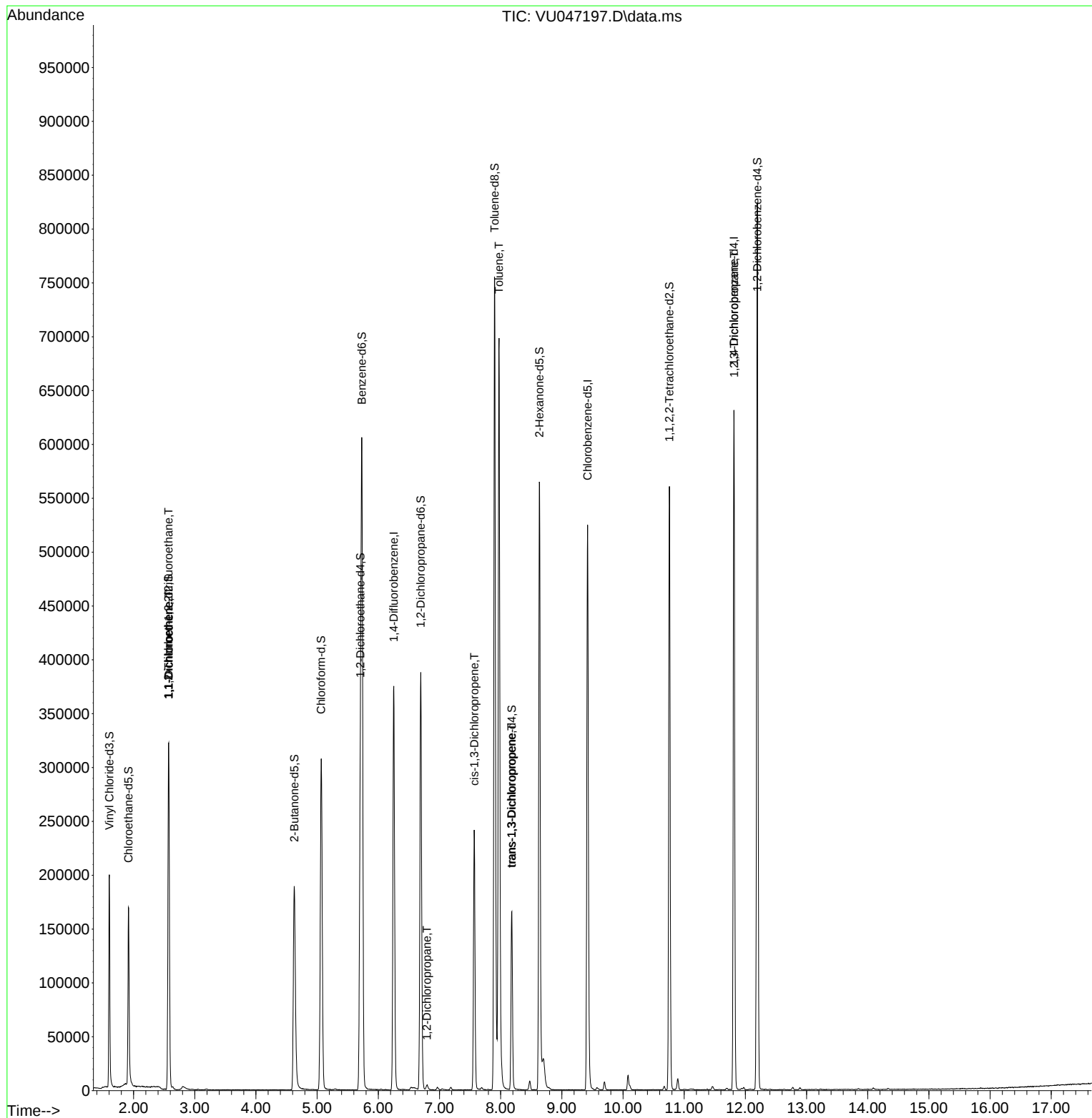
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	317265	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	317823	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	147814	51.299	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.600%	
7) Chloroethane-d5	1.916	69	130789	61.231	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	122.460%	
11) 1,1-Dichloroethene-d2	2.572	63	189799	39.749	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.500%	
21) 2-Butanone-d5	4.626	46	277586	124.216	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	124.220%	
24) Chloroform-d	5.067	84	271065	57.948	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.900%	
26) 1,2-Dichloroethane-d4	5.707	65	182198	60.684	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	121.360%	
32) Benzene-d6	5.732	84	557194	52.734	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.460%	
36) 1,2-Dichloropropane-d6	6.694	67	184888	53.957	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.920%	
41) Toluene-d8	7.899	98	534872	53.166	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.340%	
43) trans-1,3-Dichloroprop...	8.182	79	91018	50.687	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.380%	
47) 2-Hexanone-d5	8.633	63	205684	104.777	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	104.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	276428	55.326	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	110.660%	
66) 1,2-Dichlorobenzene-d4	12.195	152	219087	53.060	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1614	0.768	ug/L #	20
12) 1,1-Dichloroethene	2.575	96	1481	0.718	ug/L #	1
37) 1,2-Dichloropropane	6.797	63	1568	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	5583	1.294	ug/L #	68
42) Toluene	7.973	91	554116	50.892	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	4162	1.004	ug/L	92
60) 1,2,3-Trichloropropane	11.816	75	19656	5.296	ug/L #	66

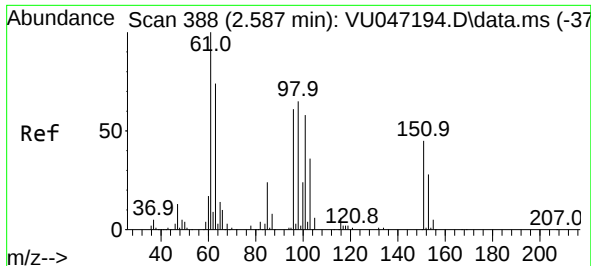
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.768 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047197.D

Acq: 17 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

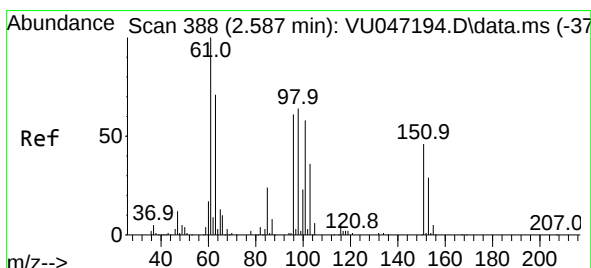
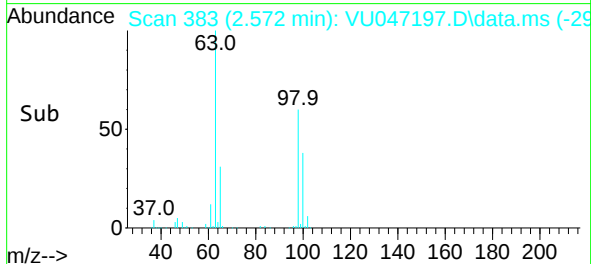
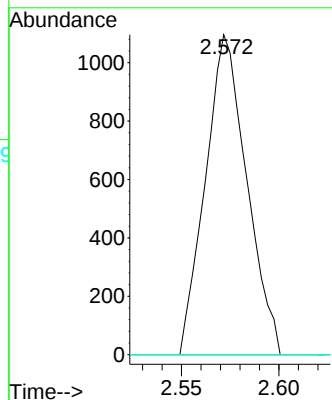
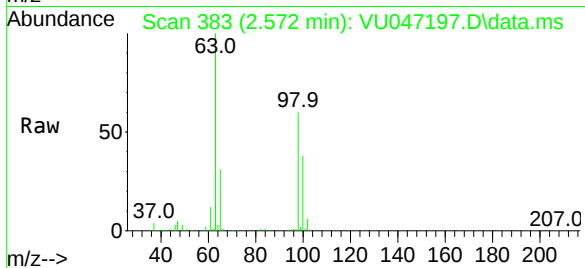
Tgt Ion:101 Resp: 1614

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 0.718 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047197.D

Acq: 17 Feb 2022 11:13

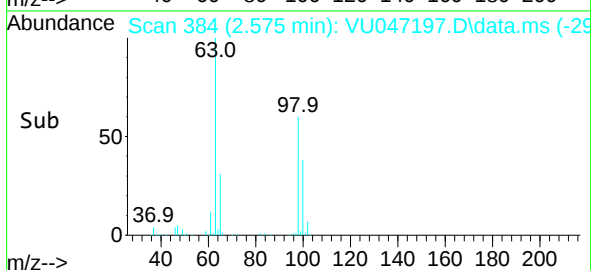
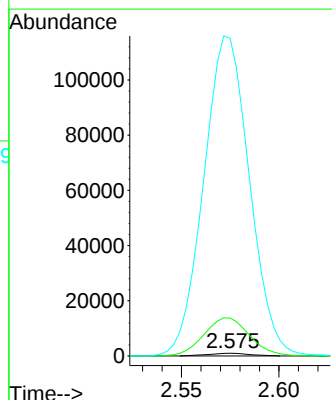
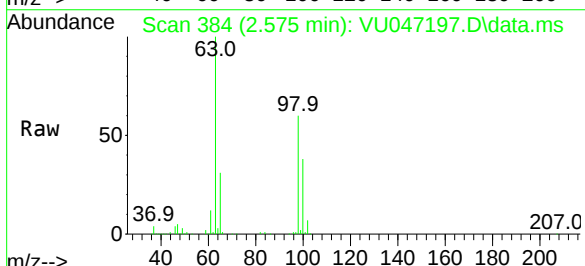
Tgt Ion: 96 Resp: 1481

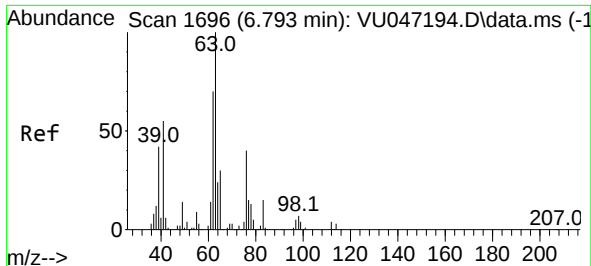
Ion Ratio Lower Upper

96 100

61 1390.8 114.9 213.3#

63 11664.4 86.0 159.8#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047197.D

Acq: 17 Feb 2022 11:13

Instrument :

MSVOA_U

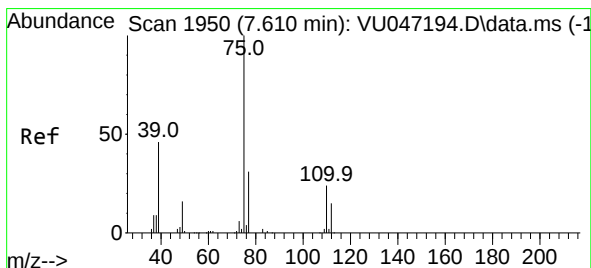
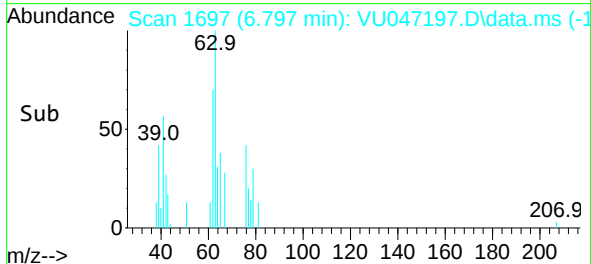
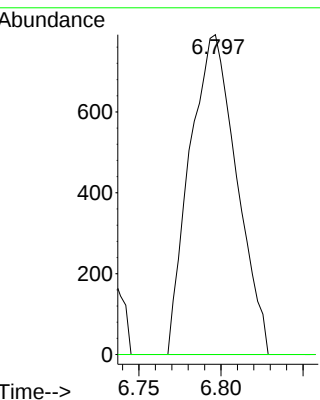
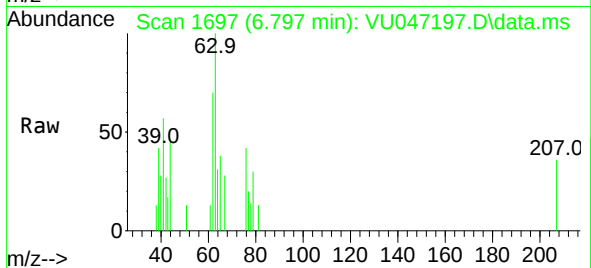
ClientSampleId :

Tgt Ion: 63 Resp: 1568

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.294 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047197.D

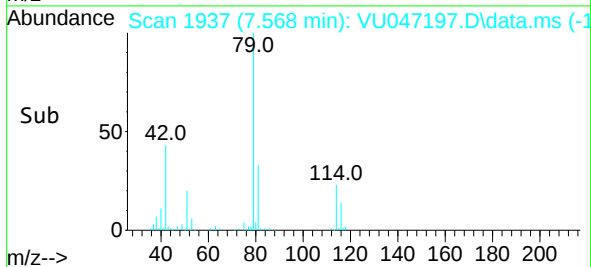
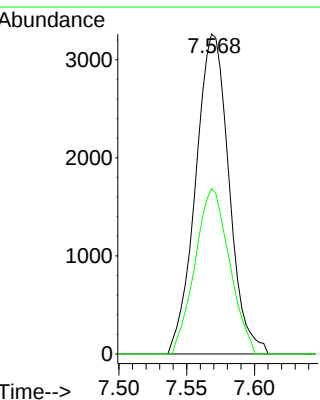
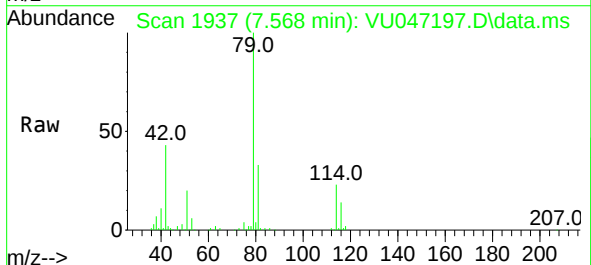
Acq: 17 Feb 2022 11:13

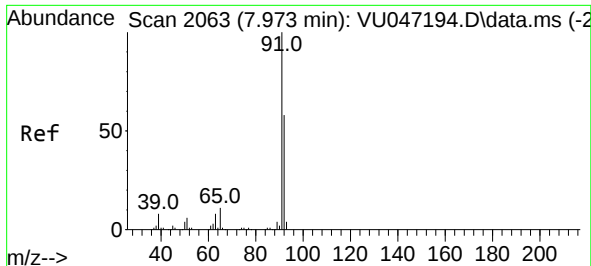
Tgt Ion: 75 Resp: 5583

Ion Ratio Lower Upper

75 100

77 49.6 22.3 41.3#





#42

Toluene

Concen: 50.892 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047197.D

Acq: 17 Feb 2022 11:13

Instrument :

MSVOA_U

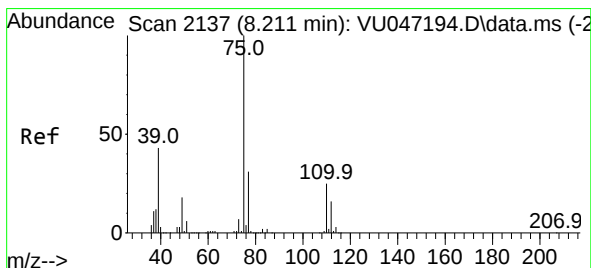
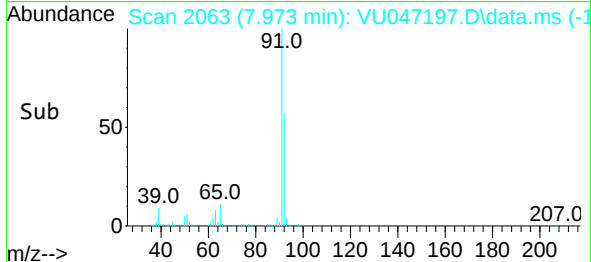
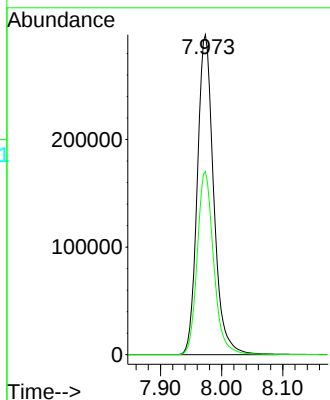
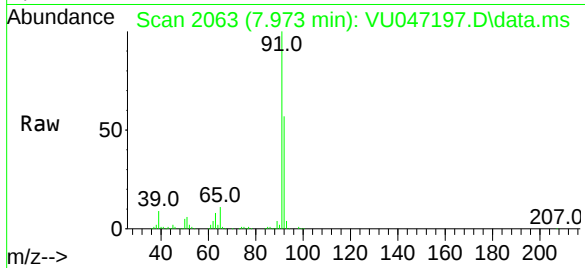
ClientSampleId :

Tgt Ion: 91 Resp: 554116

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 1.004 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047197.D

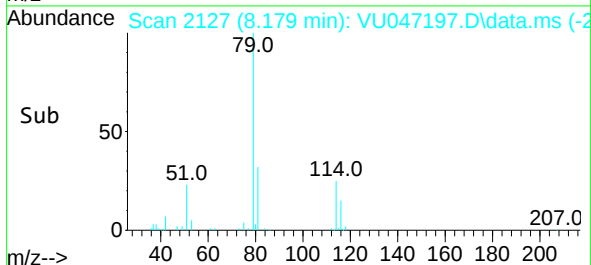
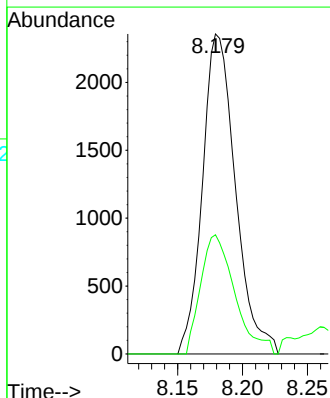
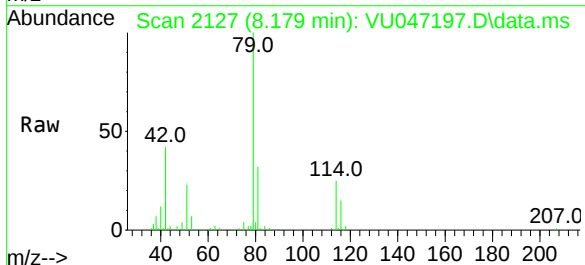
Acq: 17 Feb 2022 11:13

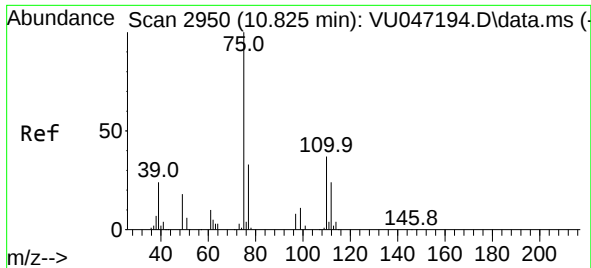
Tgt Ion: 75 Resp: 4162

Ion Ratio Lower Upper

75 100

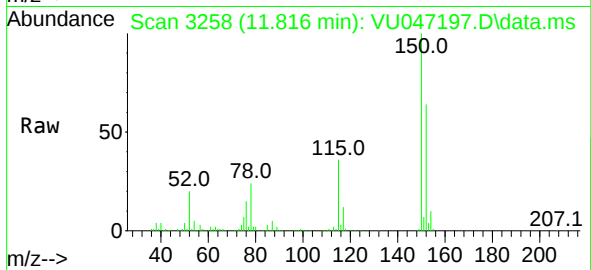
77 37.3 23.0 42.8





#60
 1,2,3-Trichloropropane
 Concen: 5.296 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU047197.D
 Acq: 17 Feb 2022 11:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	19656
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.2	39.2
110	2.6	32.5	48.7#

