

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048000.D
 Acq On : 13 Apr 2022 13:53
 Operator : SY/MD
 Sample : N2293-16ME
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNP4ME

Quant Time: Apr 14 03:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

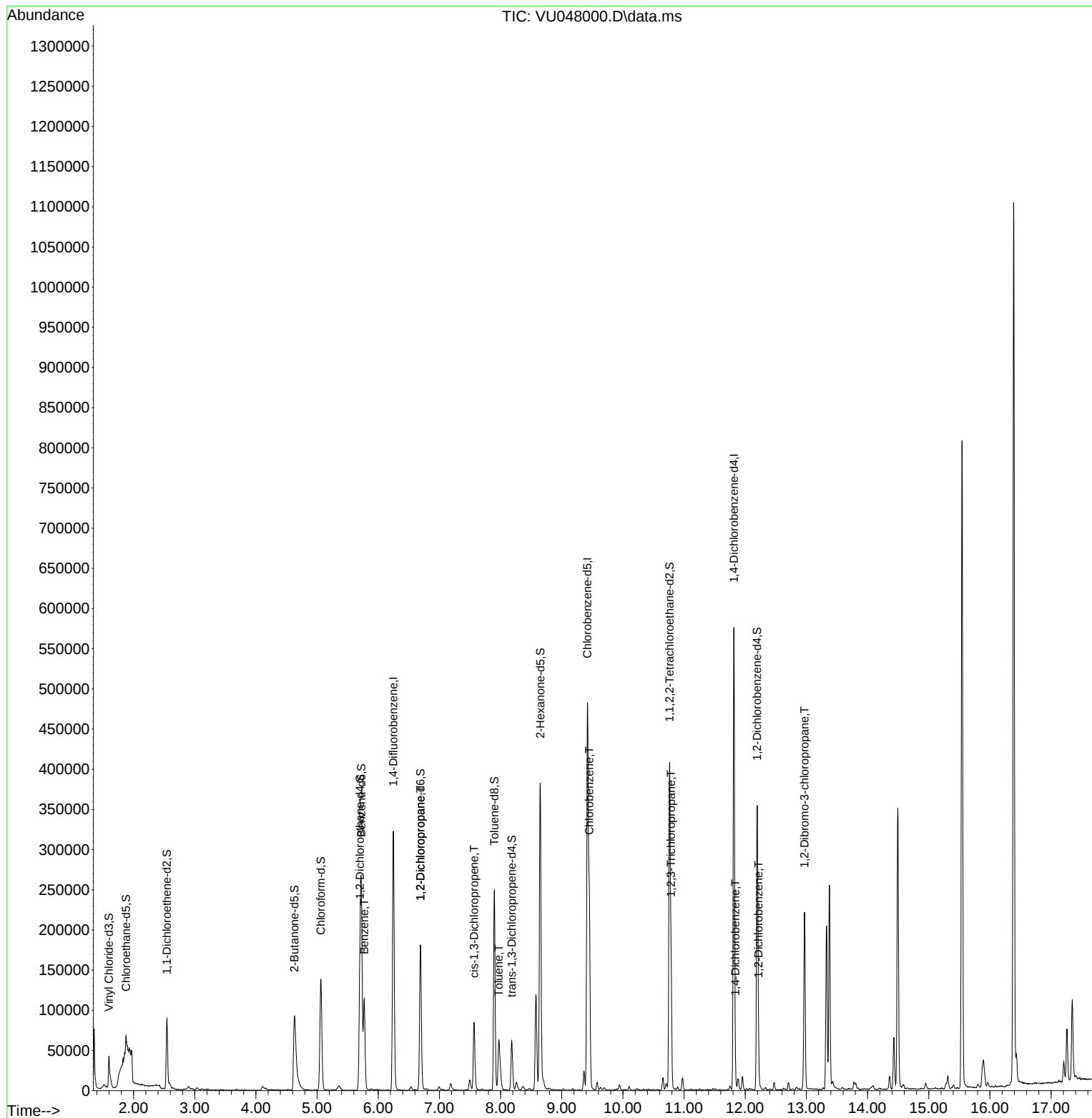
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	285426	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	301751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	161042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43534	21.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	42.060%#		
7) Chloroethane-d5	1.877	69	28175	17.264	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.520%#		
11) 1,1-Dichloroethene-d2	2.546	63	54436	14.375	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	28.740%#		
21) 2-Butanone-d5	4.629	46	180583	101.647	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.650%		
24) Chloroform-d	5.060	84	132048	34.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.740%#		
26) 1,2-Dichloroethane-d4	5.700	65	99571	42.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.740%		
32) Benzene-d6	5.723	84	227649	29.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	59.960%#		
36) 1,2-Dichloropropane-d6	6.690	67	91402	39.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.400%		
41) Toluene-d8	7.899	98	173105	23.400	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	46.800%#		
43) trans-1,3-Dichloroprop...	8.182	79	38612	32.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.360%		
47) 2-Hexanone-d5	8.649	63	144042	105.520	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.520%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	194053	48.491	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.980%		
66) 1,2-Dichlorobenzene-d4	12.195	152	96587	33.712	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.420%#		
Target Compounds					Qvalue	
33) Benzene	5.771	78	111164	12.727	ug/L	100
37) 1,2-Dichloropropane	6.690	63	9435	4.249	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2291	0.665	ug/L #	70
42) Toluene	7.970	91	40200	4.195	ug/L	100
51) Chlorobenzene	9.449	112	124039	19.062	ug/L	96
60) 1,2,3-Trichloropropane	10.787	75	5200	1.713	ug/L #	1
65) 1,4-Dichlorobenzene	11.838	146	5736	1.145	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	10238	2.115	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.970	75	33780	34.736	ug/L #	1

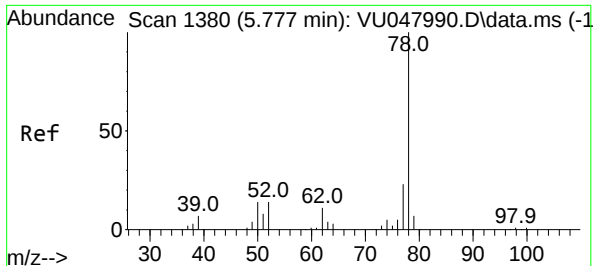
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 14 02:49:33 2022
Response via : Initial Calibration





#33

Benzene

Concen: 12.727 ug/L

RT: 5.771 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU048000.D

Acq: 13 Apr 2022 13:53

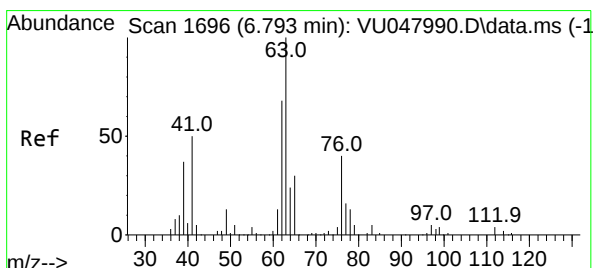
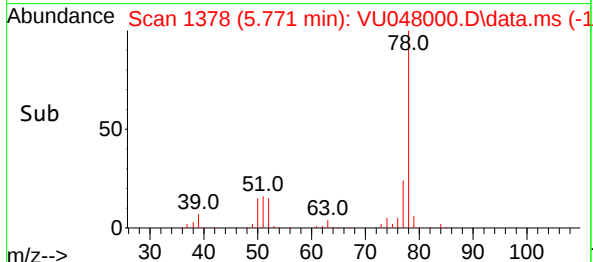
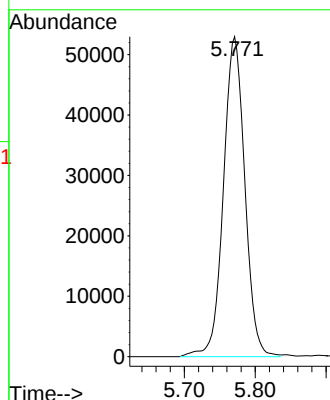
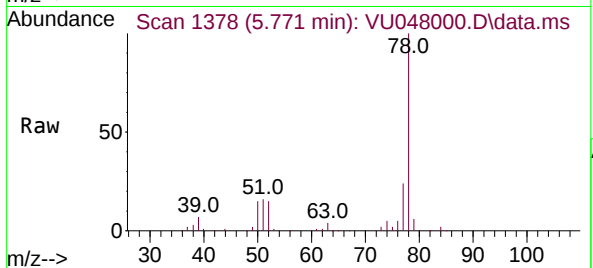
Instrument :

MSVOA_U

ClientSampleId :

ETNP4ME

Tgt Ion: 78 Resp: 111164



#37

1,2-Dichloropropane

Concen: 4.249 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048000.D

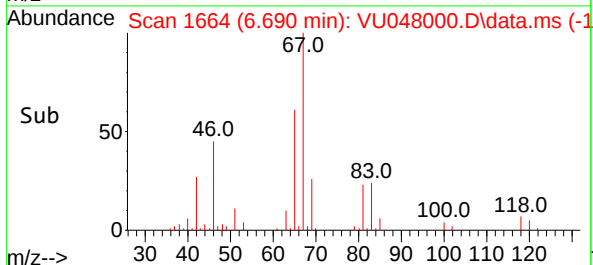
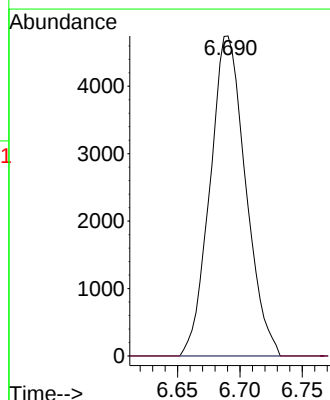
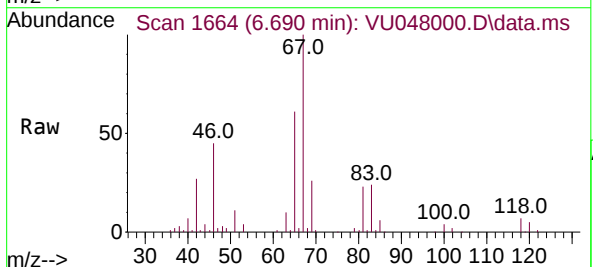
Acq: 13 Apr 2022 13:53

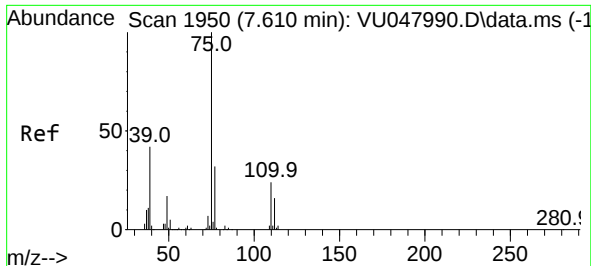
Tgt Ion: 63 Resp: 9435

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.665 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048000.D

Acq: 13 Apr 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

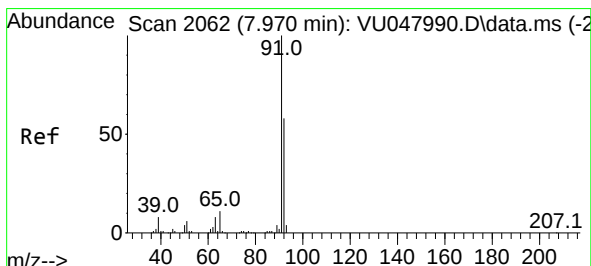
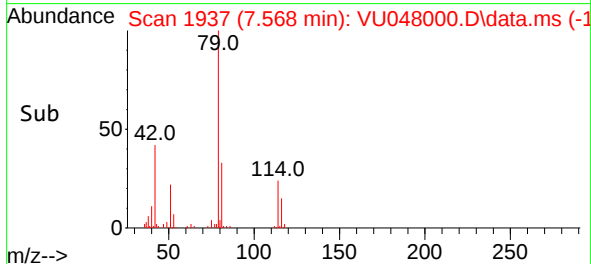
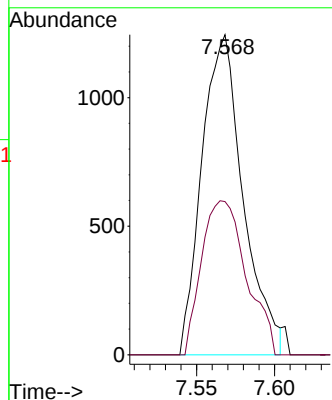
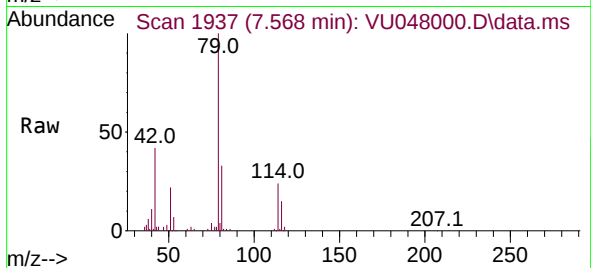
ETNP4ME

Tgt Ion: 75 Resp: 2291

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#



#42

Toluene

Concen: 4.195 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048000.D

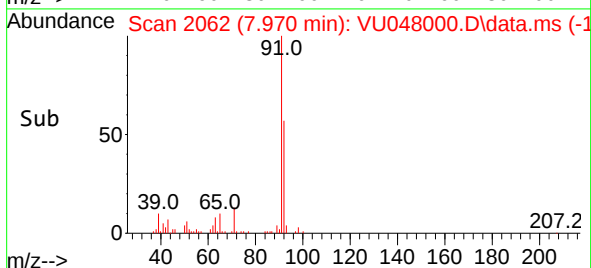
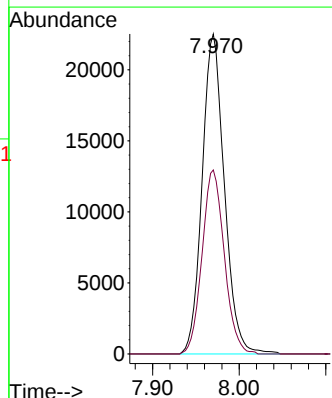
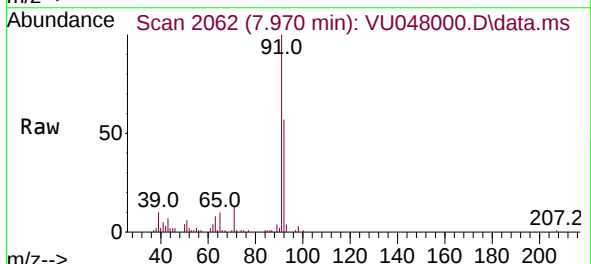
Acq: 13 Apr 2022 13:53

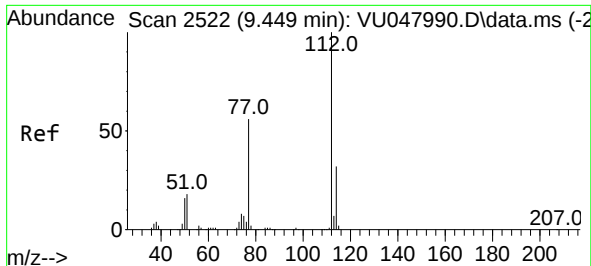
Tgt Ion: 91 Resp: 40200

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0

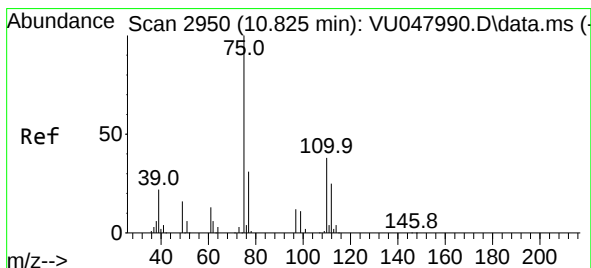
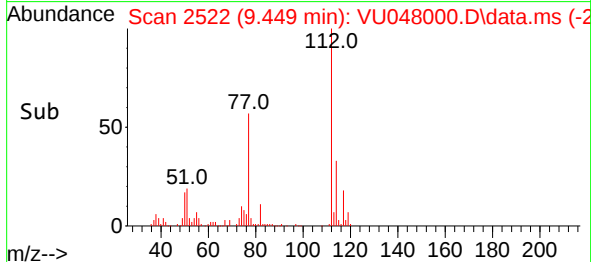
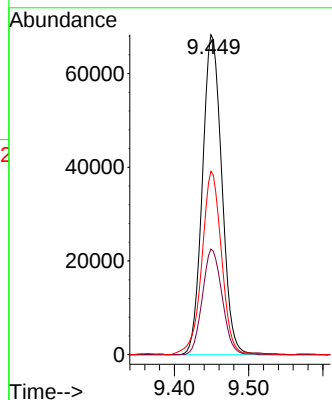
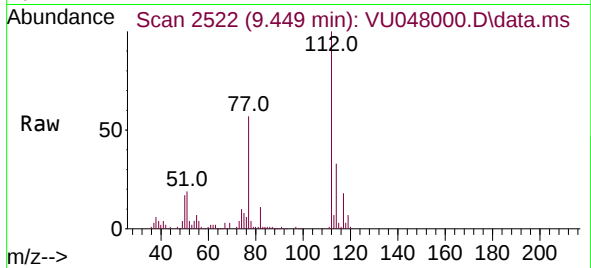




#51
Chlorobenzene
Concen: 19.062 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048000.D
Acq: 13 Apr 2022 13:53

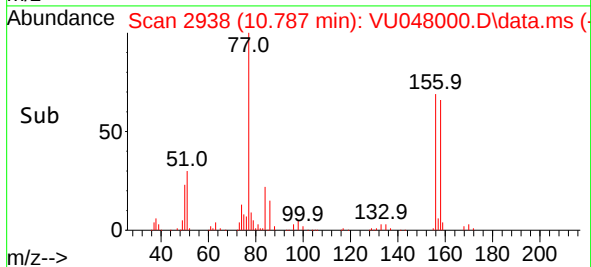
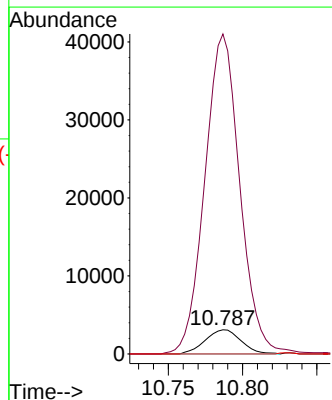
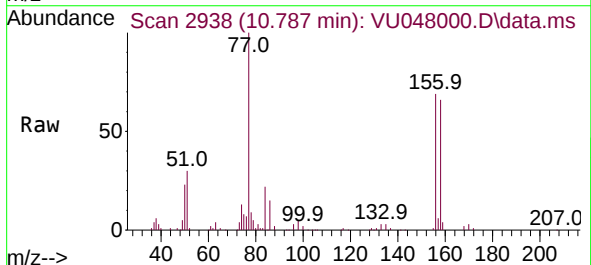
Instrument :
MSVOA_U
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ETNP4ME

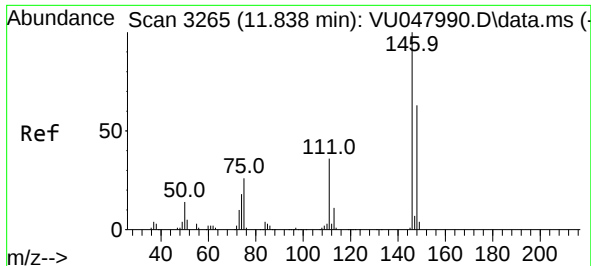
Tgt Ion:112 Resp: 124039
Ion Ratio Lower Upper
112 100
114 33.0 22.1 41.1
77 57.3 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.713 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.039 min
Lab File: VU048000.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 75 Resp: 5200
Ion Ratio Lower Upper
75 100
77 1297.4 26.0 39.0#
110 0.0 31.4 47.2#

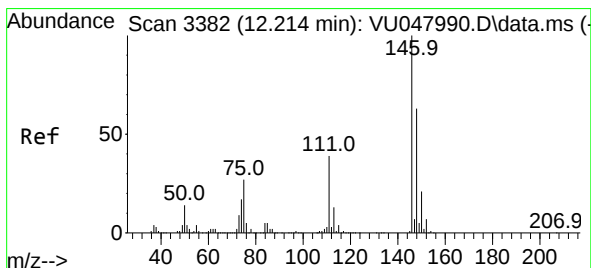
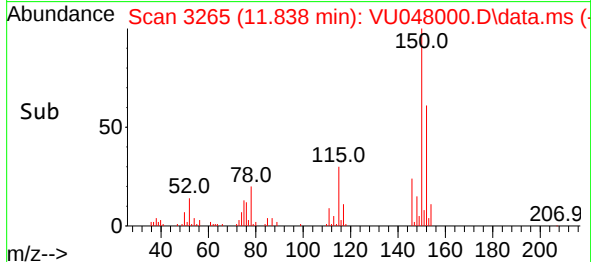
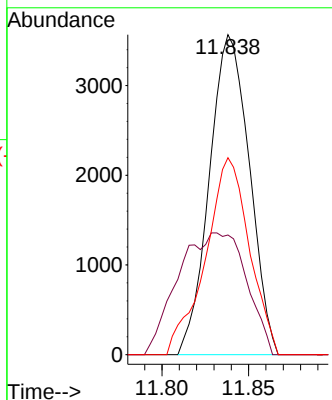
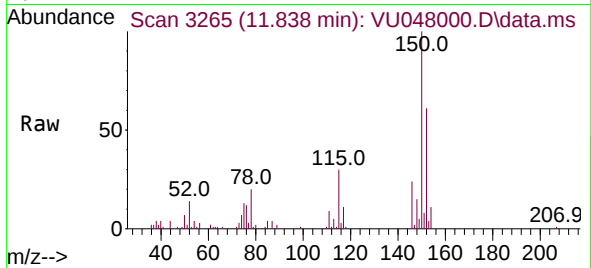




#65
1,4-Dichlorobenzene
Concen: 1.145 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048000.D
Acq: 13 Apr 2022 13:53

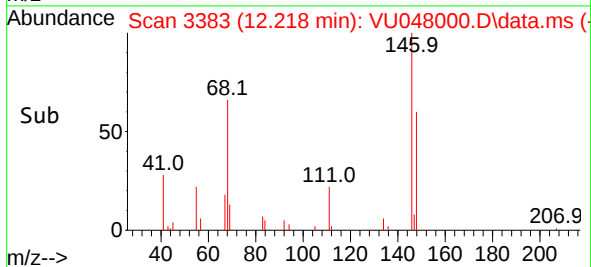
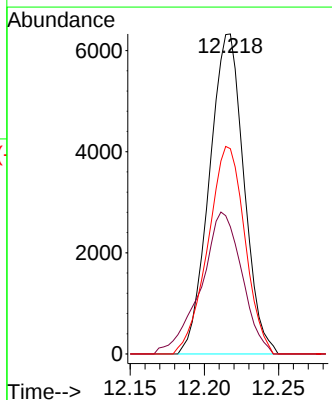
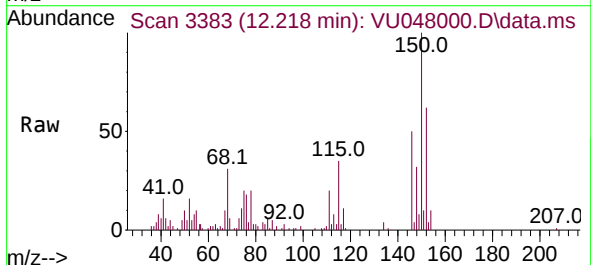
Instrument :
MSVOA_U
ClientSampleId :
ETNP4ME

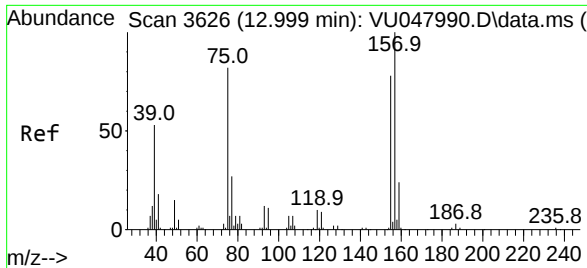
Tgt Ion:146 Resp: 5736
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 61.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.115 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU048000.D
Acq: 13 Apr 2022 13:53

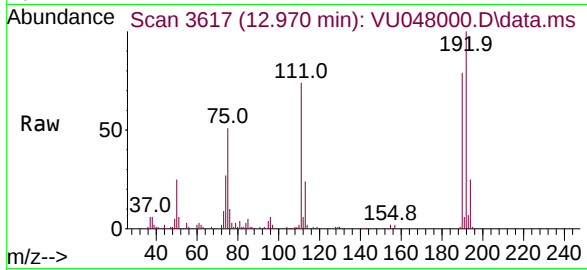
Tgt Ion:146 Resp: 10238
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 64.2 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 34.736 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VU048000.D
 Acq: 13 Apr 2022 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNP4ME



Tgt Ion: 75 Resp: 33780
 Ion Ratio Lower Upper
 75 100
 155 4.4 78.9 118.3#
 157 3.2 97.5 146.3#

