

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048060.D
 Acq On : 14 Apr 2022 15:58
 Operator : SY/MD
 Sample : N2387-02DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J48DL

Quant Time: Apr 15 02:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

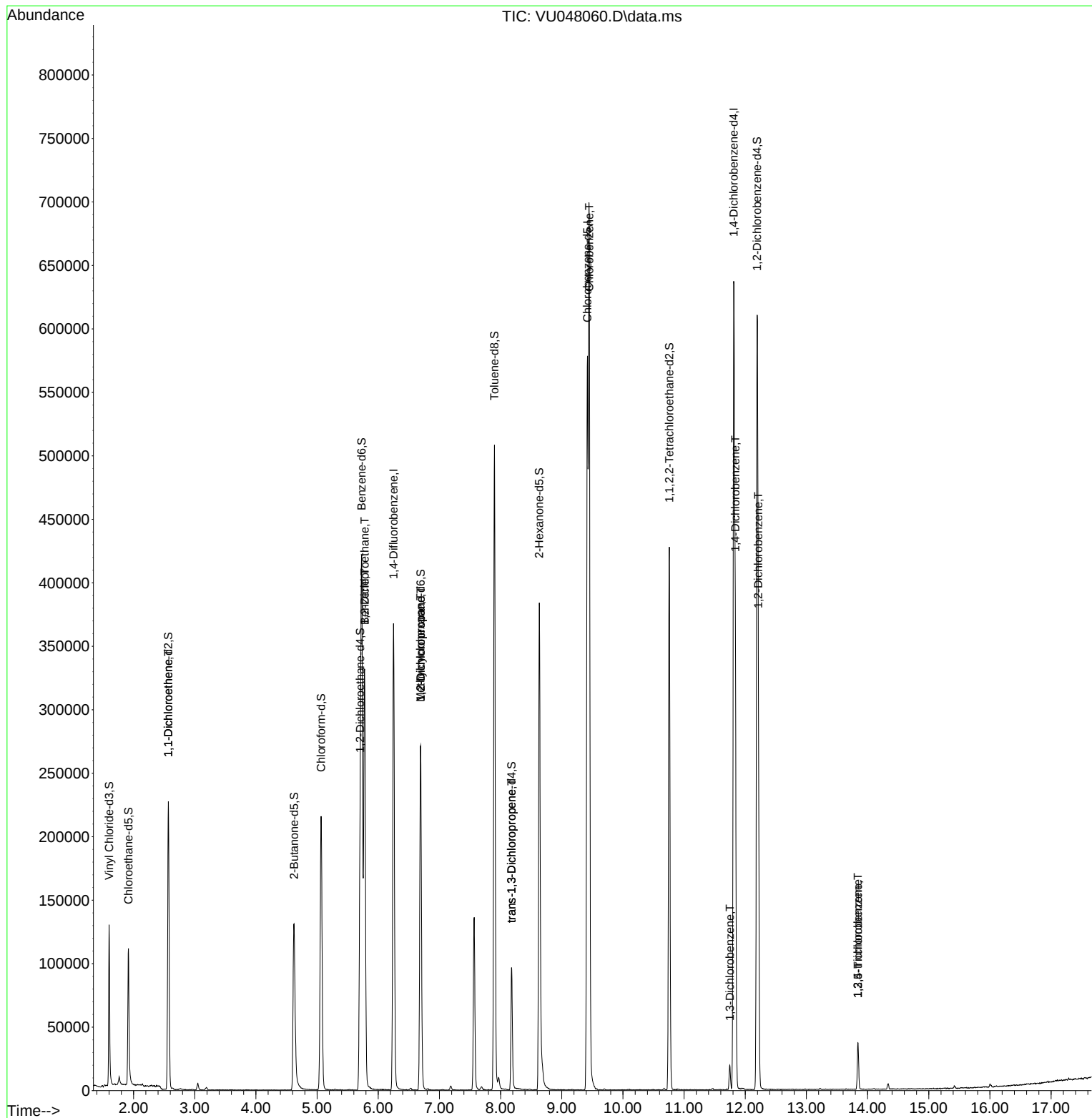
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314114	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93689	41.131	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.260%		
7) Chloroethane-d5	1.916	69	87685	48.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.640%		
11) 1,1-Dichloroethene-d2	2.568	63	129875	31.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.320%		
21) 2-Butanone-d5	4.623	46	189825	97.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.090%		
24) Chloroform-d	5.067	84	202660	48.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
26) 1,2-Dichloroethane-d4	5.703	65	132609	51.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.760%		
32) Benzene-d6	5.729	84	398079	47.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.220%		
36) 1,2-Dichloropropane-d6	6.694	67	133717	52.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.160%		
41) Toluene-d8	7.899	98	344810	42.331	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.660%		
43) trans-1,3-Dichloroprop...	8.179	79	54286	41.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.460%		
47) 2-Hexanone-d5	8.632	63	137315	91.356	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212947	48.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	157855	51.141	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	1083	0.503	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	2938	0.881	ug/L #	75
33) Benzene	5.777	78	325017	33.795	ug/L	100
35) Methylcyclohexane	6.690	83	31185	8.130	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	13553	5.543	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2426	0.641	ug/L	94
51) Chlorobenzene	9.449	112	383773	53.562	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	9028	1.732	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	151700	28.102	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	104285	19.998	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	13239	3.128	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13239	3.571	ug/L	99

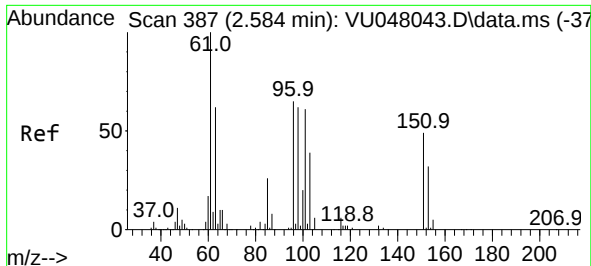
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.503 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU048060.D

Acq: 14 Apr 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

C0J48DL

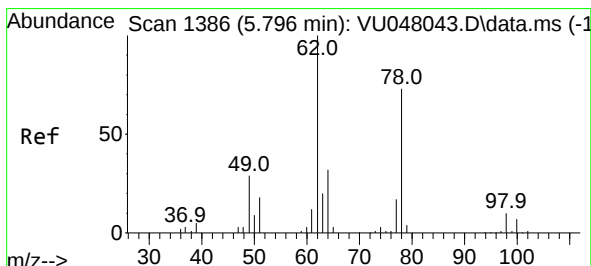
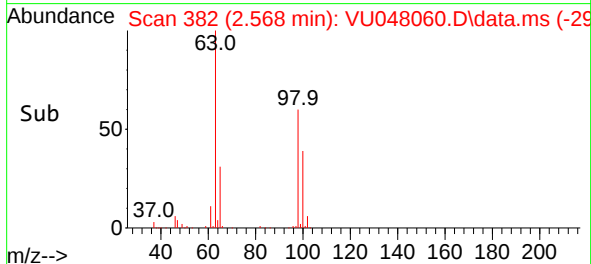
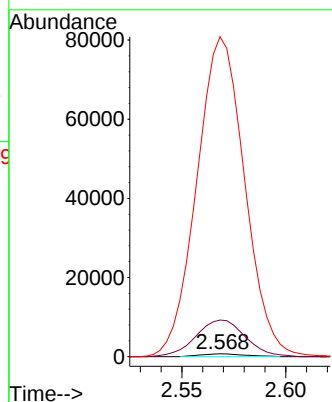
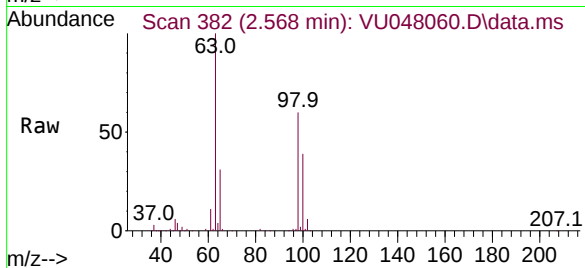
Tgt Ion: 96 Resp: 1083

Ion Ratio Lower Upper

96 100

61 1300.6 113.1 210.1#

63 11356.2 94.8 176.0#



#27

1,2-Dichloroethane

Concen: 0.881 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048060.D

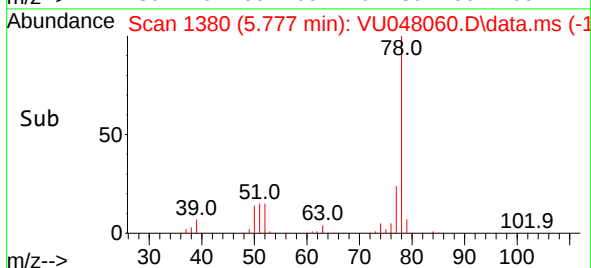
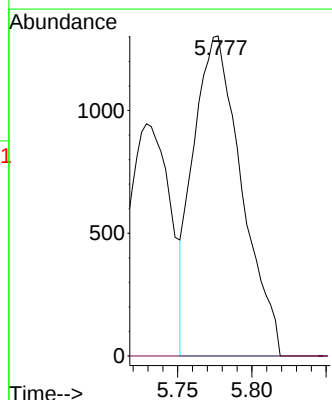
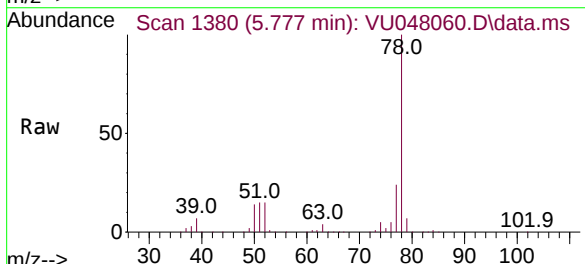
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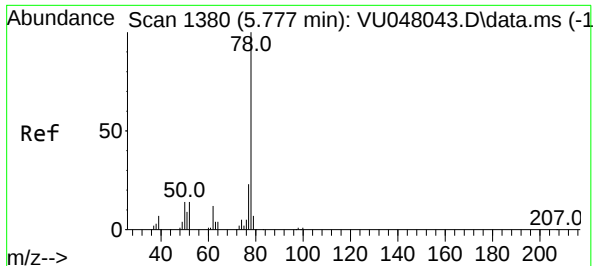
Tgt Ion: 62 Resp: 2938

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

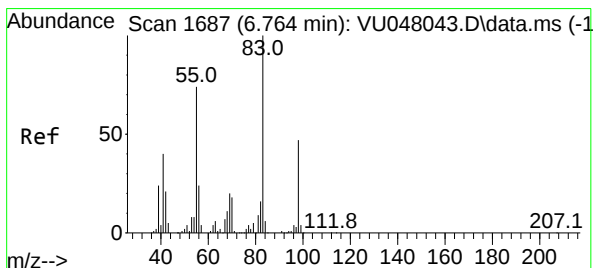
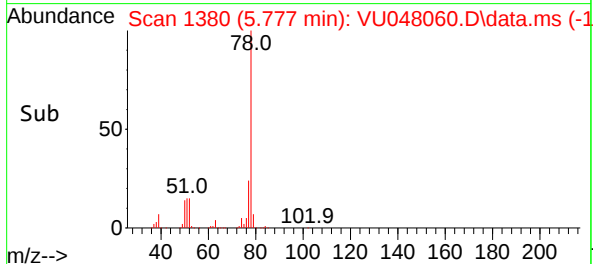
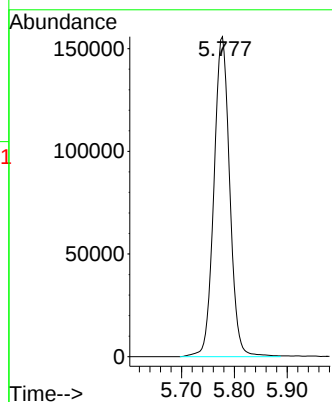
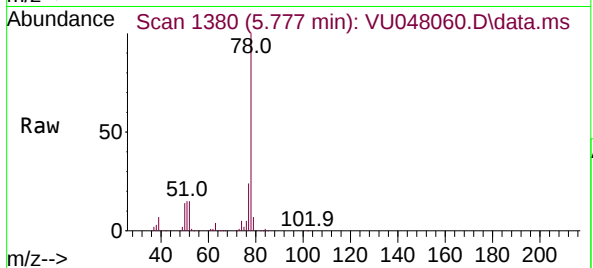




#33
Benzene
Concen: 33.795 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

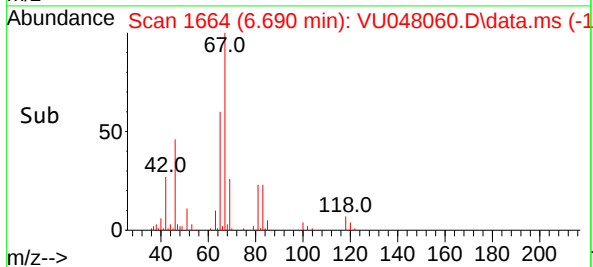
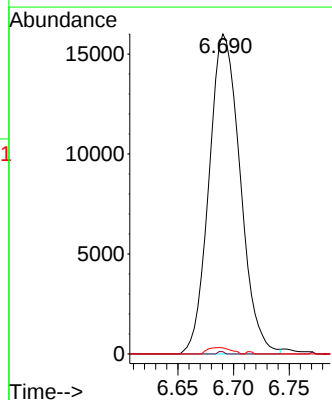
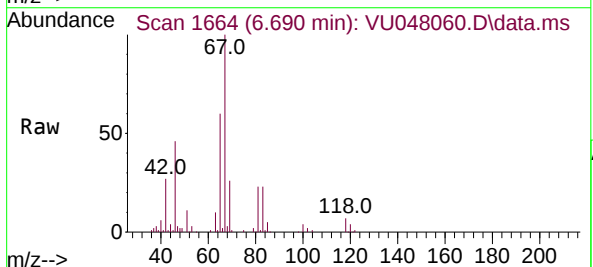
Instrument :
MSVOA_U
ClientSampleId :
C0J48DL

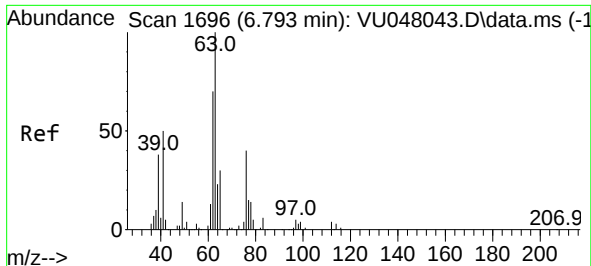
Tgt Ion: 78 Resp: 325017



#35
Methylcyclohexane
Concen: 8.130 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

Tgt Ion: 83 Resp: 31185
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 1.5 38.1 57.1#

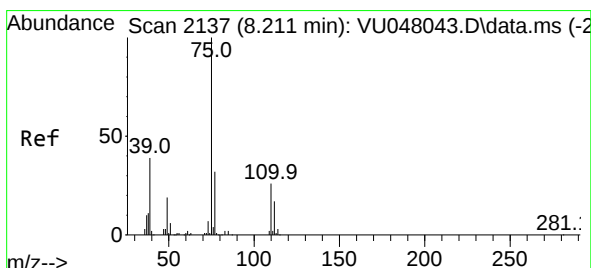
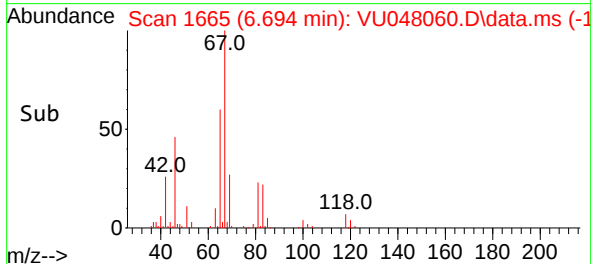
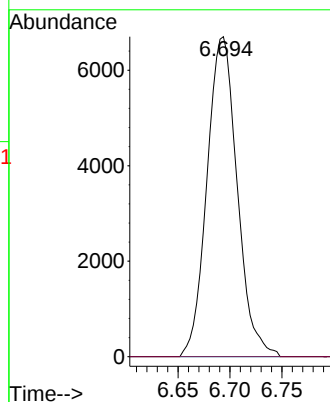
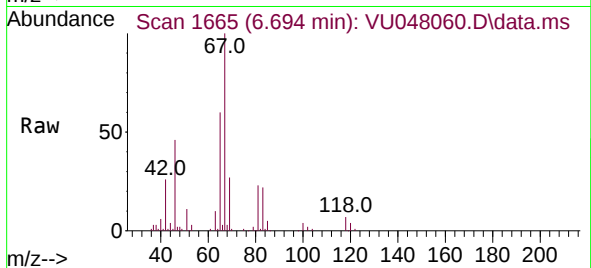




#37
1,2-Dichloropropane
Concen: 5.543 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

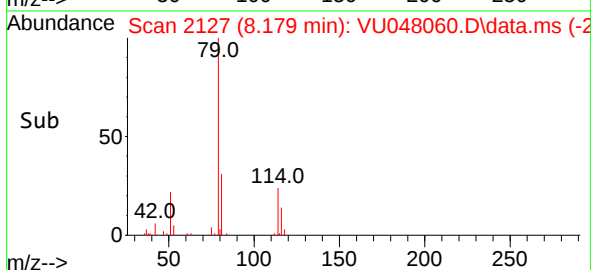
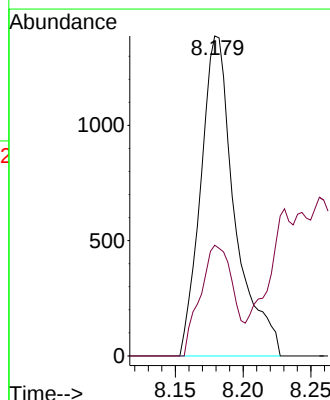
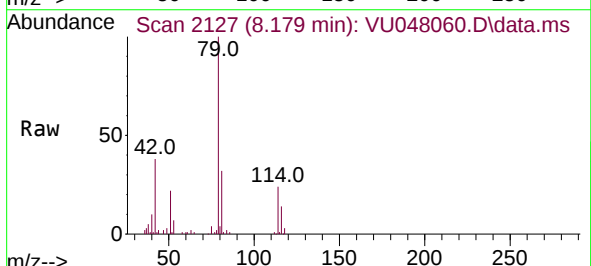
Instrument :
MSVOA_U
ClientSampleId :
C0J48DL

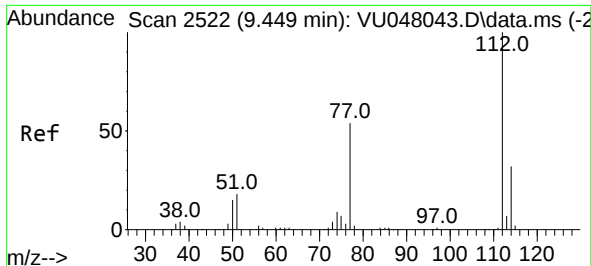
Tgt Ion: 63 Resp: 13553
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#44
trans-1,3-Dichloropropene
Concen: 0.641 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

Tgt Ion: 75 Resp: 2426
Ion Ratio Lower Upper
75 100
77 34.6 22.0 40.8

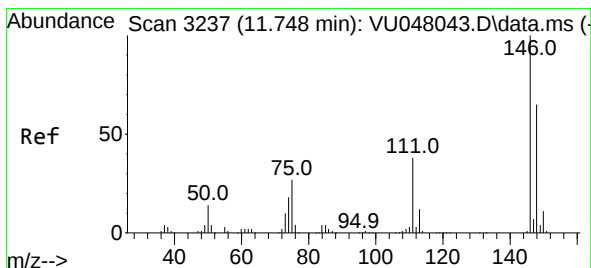
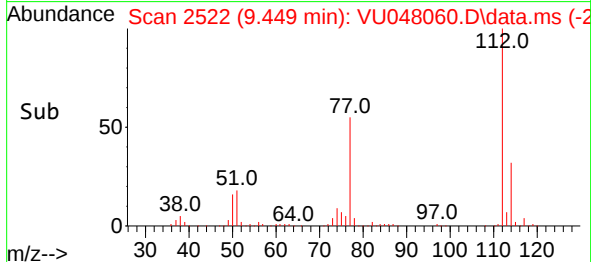
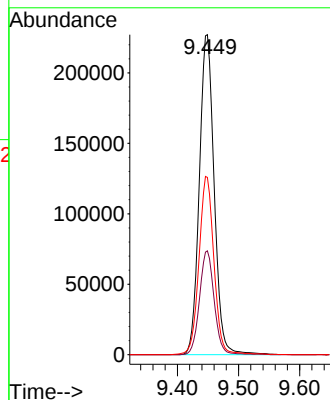
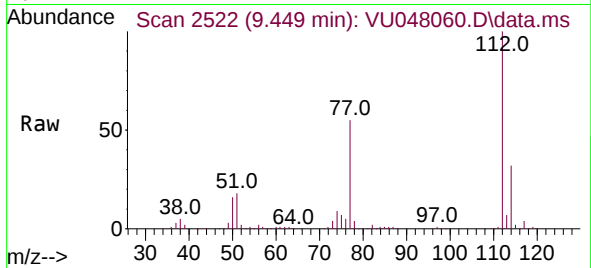




#51
Chlorobenzene
Concen: 53.562 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

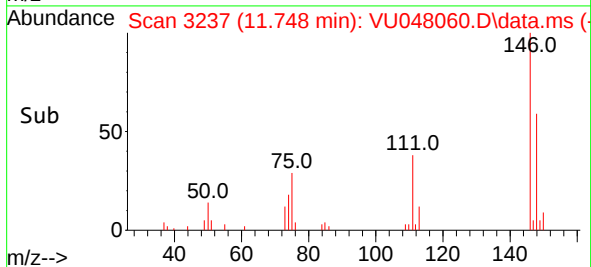
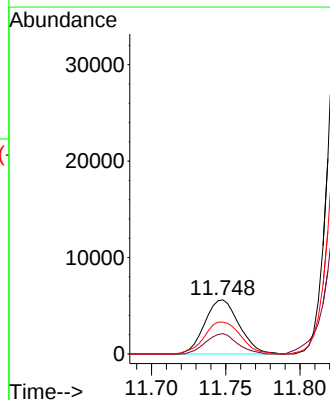
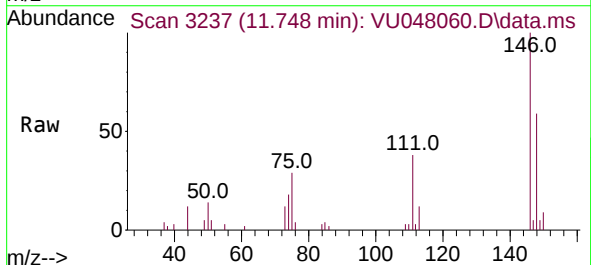
Instrument :
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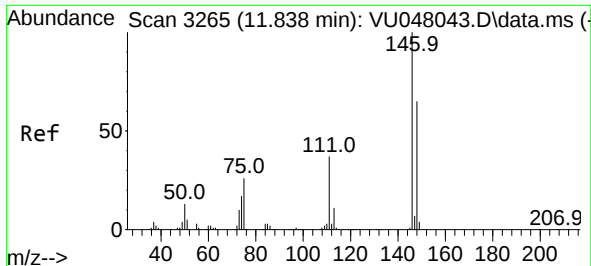
Tgt Ion:112 Resp: 383773
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.732 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

Tgt Ion:146 Resp: 9028
Ion Ratio Lower Upper
146 100
111 40.9 26.7 49.7
148 58.9 44.4 82.5

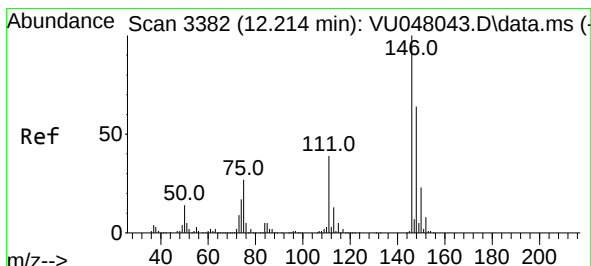
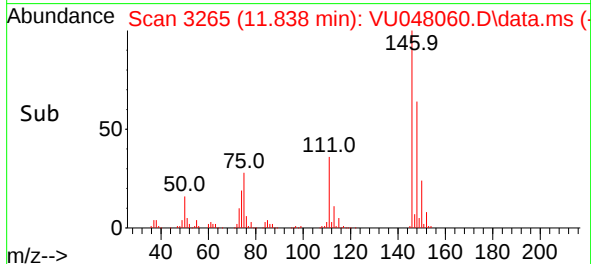
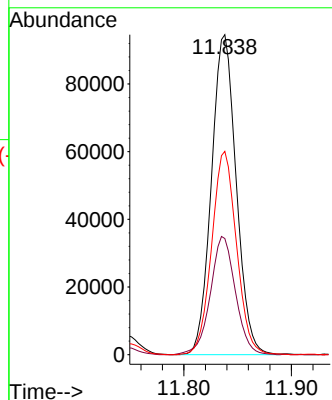
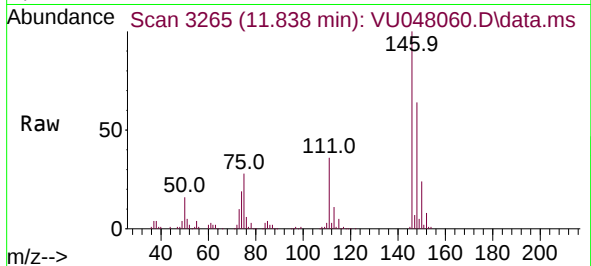




#65
1,4-Dichlorobenzene
Concen: 28.102 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

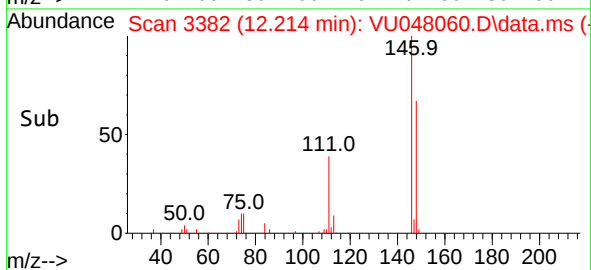
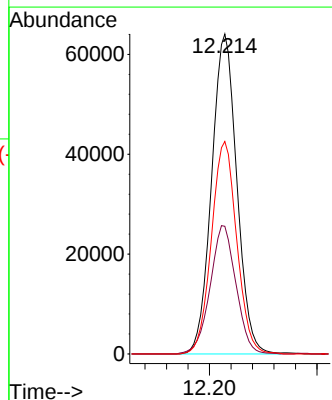
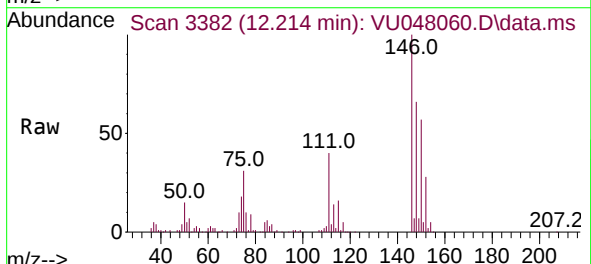
Instrument :
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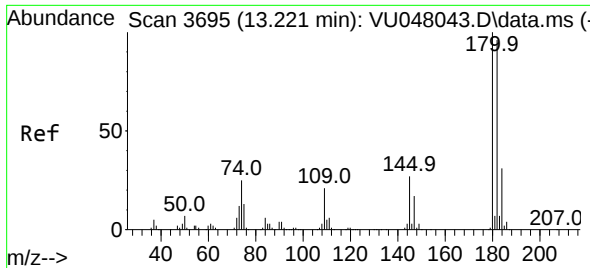
Tgt Ion:146 Resp: 151700
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 63.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 19.998 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048060.D
Acq: 14 Apr 2022 15:58

Tgt Ion:146 Resp: 104285
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 66.4 51.4 77.2

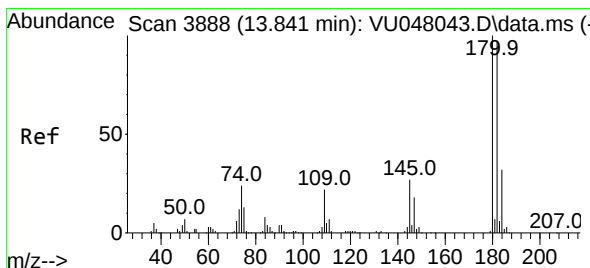
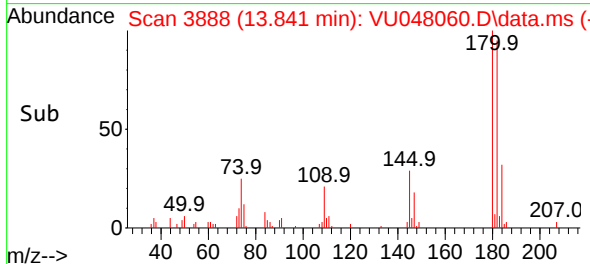
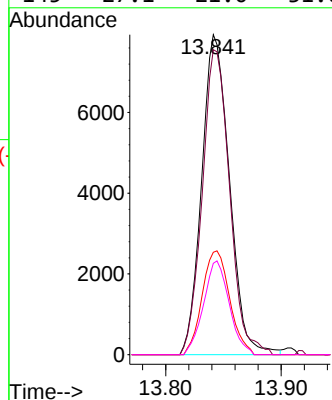
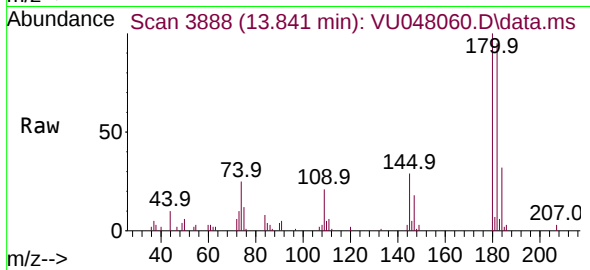




#69
 1,3,5-Trichlorobenzene
 Concen: 3.128 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048060.D
 Acq: 14 Apr 2022 15:58

Instrument :
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 ClientSampleId :
 C0J48DL

Tgt Ion:180	Resp:	13239
Ion Ratio	Lower	Upper
180	100	
182	93.8	77.0 115.6
184	32.1	24.5 36.7
145	27.1	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 3.571 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048060.D
 Acq: 14 Apr 2022 15:58

Tgt Ion:180	Resp:	13239
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.2 114.2
145	27.1	21.8 32.8

