

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048030.D
 Acq On : 14 Apr 2022 01:50
 Operator : SY/MD
 Sample : N2387-01 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J45

Quant Time: Apr 14 07:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

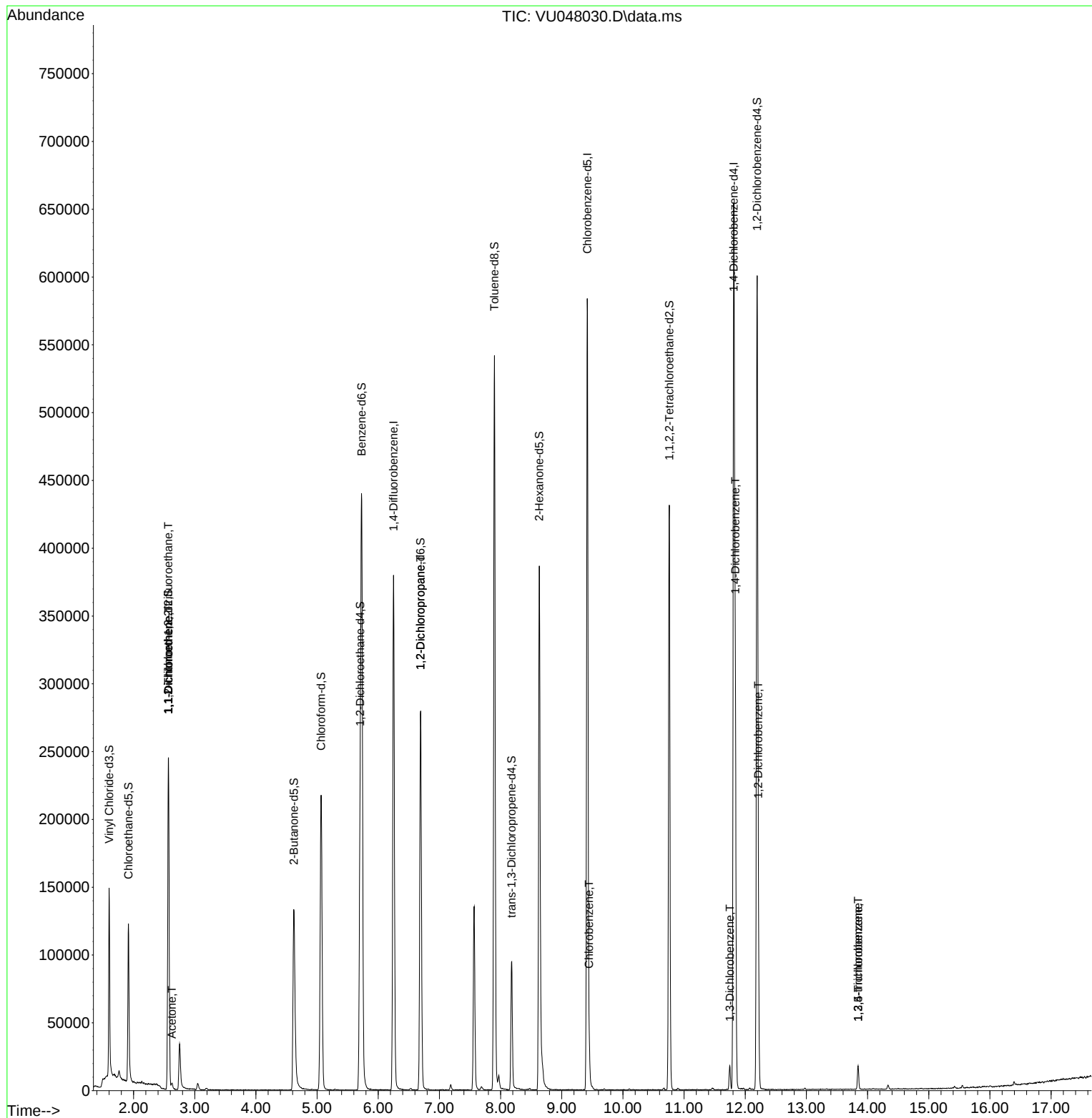
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	322569	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	343897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101254	43.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.580%		
7) Chloroethane-d5	1.916	69	92835	50.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.660%		
11) 1,1-Dichloroethene-d2	2.568	63	139413	32.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.160%		
21) 2-Butanone-d5	4.620	46	194189	96.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.720%		
24) Chloroform-d	5.067	84	206654	48.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	5.703	65	132847	50.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.220%		
32) Benzene-d6	5.729	84	415174	47.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.960%		
36) 1,2-Dichloropropane-d6	6.690	67	136182	51.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.480%		
41) Toluene-d8	7.899	98	366369	43.455	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
43) trans-1,3-Dichloroprop...	8.179	79	54435	40.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.860%		
47) 2-Hexanone-d5	8.632	63	135801	87.291	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.290%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212777	46.653	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	164179	51.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.160%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1474	0.620	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1141	0.516	ug/L #	1
13) Acetone	2.626	43	5036	2.695	ug/L	94
37) 1,2-Dichloropropane	6.690	63	14412	5.695	ug/L #	87
51) Chlorobenzene	9.446	112	12588	1.697	ug/L	94
64) 1,3-Dichlorobenzene	11.748	146	8263	1.538	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	126278	22.686	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	35602	6.621	ug/L	100
69) 1,3,5-Trichlorobenzene	13.844	180	6649	1.523	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	6649	1.739	ug/L	97

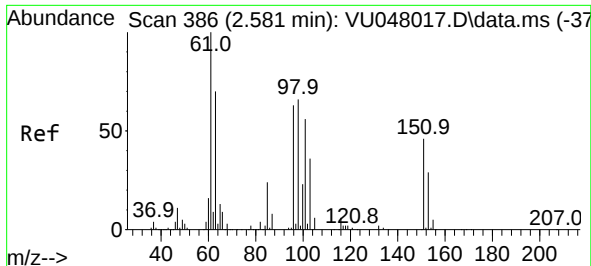
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 14 06:53:20 2022
Response via : Initial Calibration





#10

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

Concen: 0.620 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048030.D

Acq: 14 Apr 2022 01:50

Instrument :

MSVOA_U

ClientSampleId :

C0J45

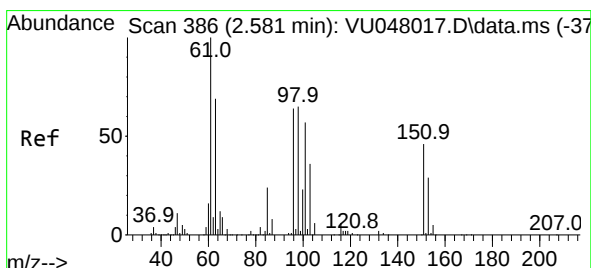
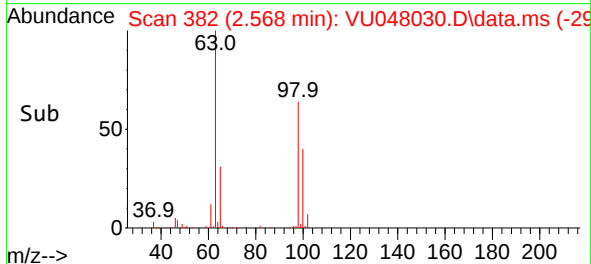
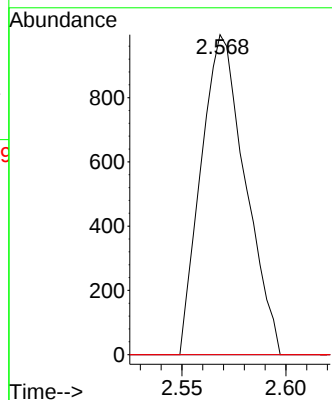
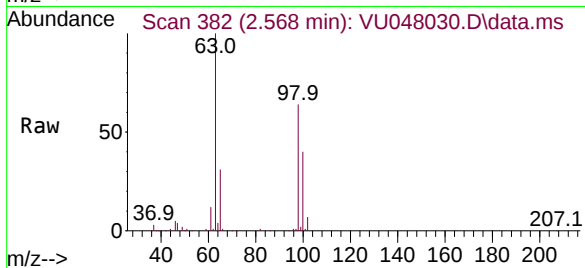
Tgt Ion:101 Resp: 1474

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.516 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU048030.D

Acq: 14 Apr 2022 01:50

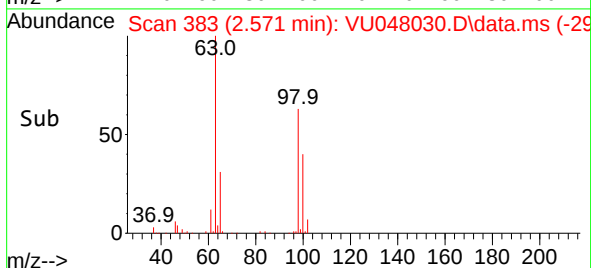
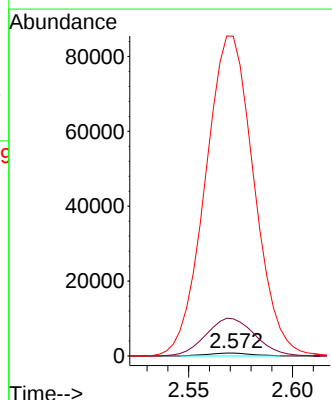
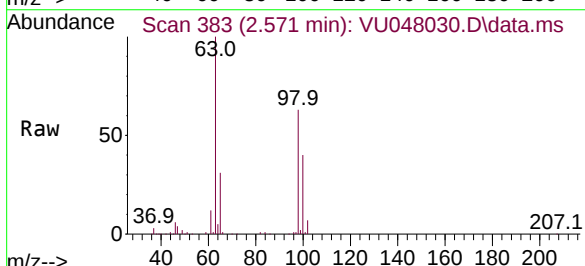
Tgt Ion: 96 Resp: 1141

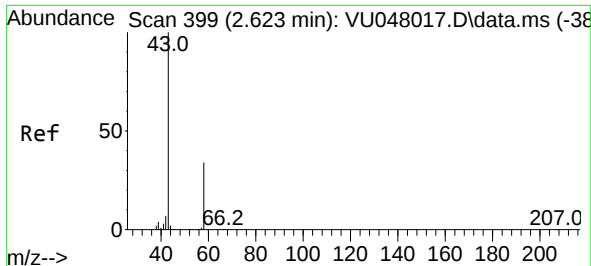
Ion Ratio Lower Upper

96 100

61 1318.6 113.1 210.1#

63 11340.2 94.8 176.0#





#13

Acetone

Concen: 2.695 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048030.D

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Instrument :

MSVOA_U

ClientSampleId :

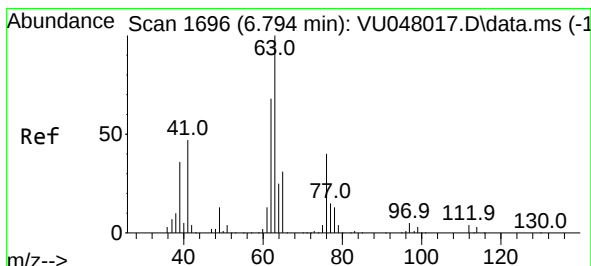
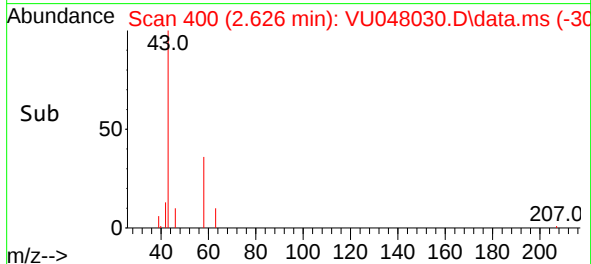
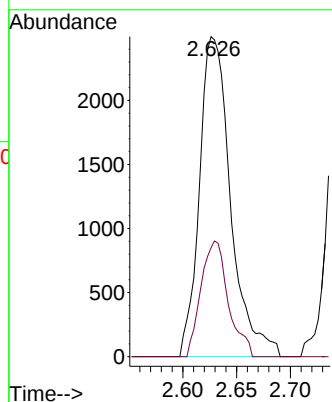
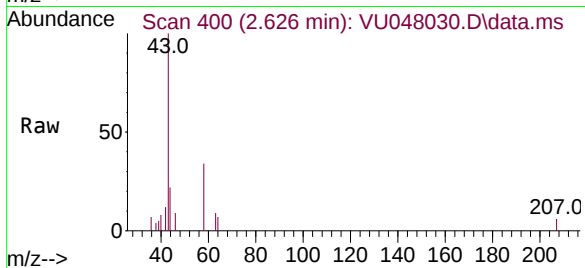
C0J45

Tgt Ion: 43 Resp: 5036

Ion Ratio Lower Upper

43 100

58 31.6 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.695 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048030.D

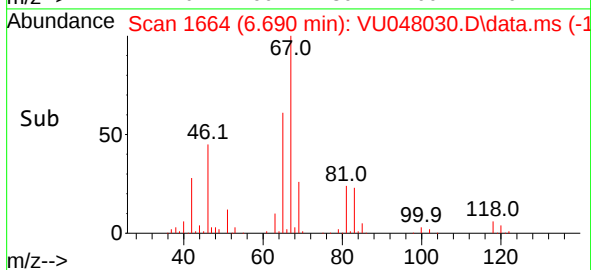
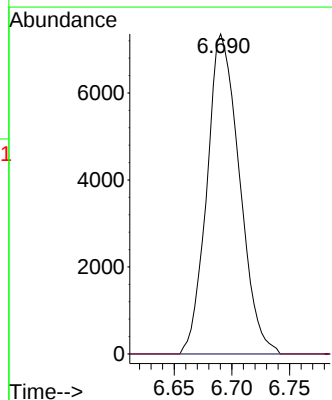
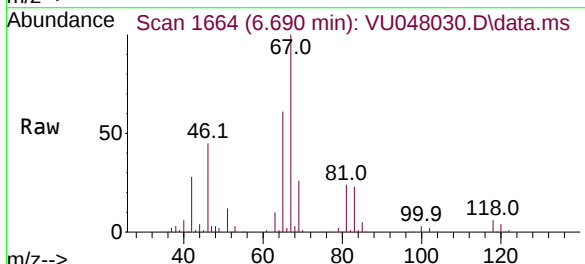
Acq: 14 Apr 2022 01:50

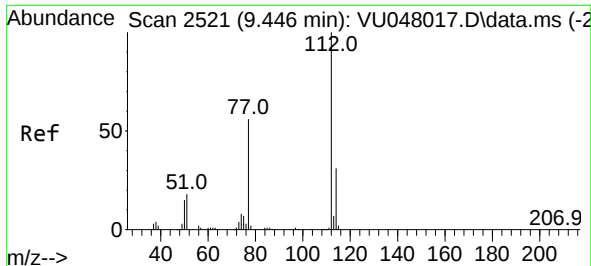
Tgt Ion: 63 Resp: 14412

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

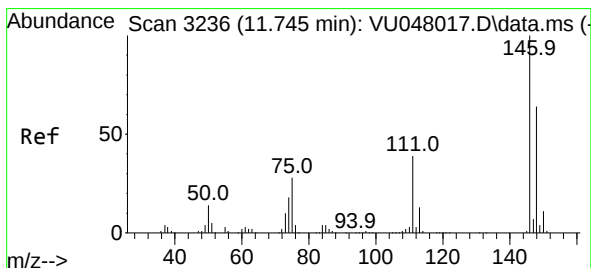
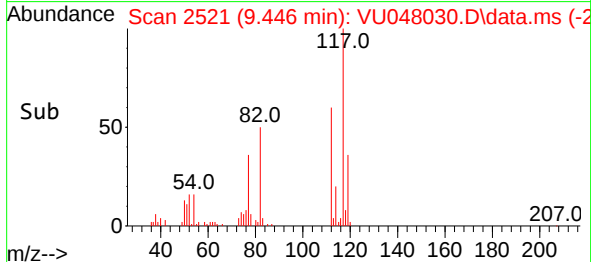
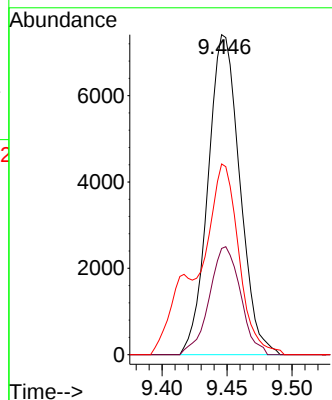
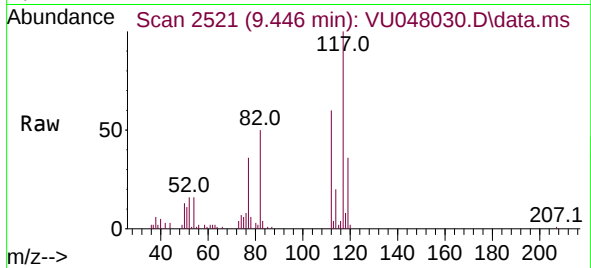




#51
Chlorobenzene
Concen: 1.697 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048030.D
Acq: 14 Apr 2022 01:50

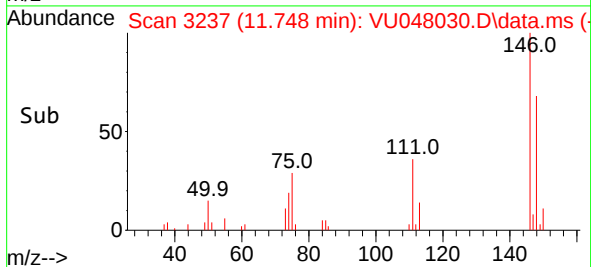
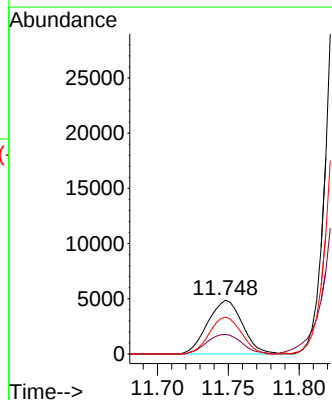
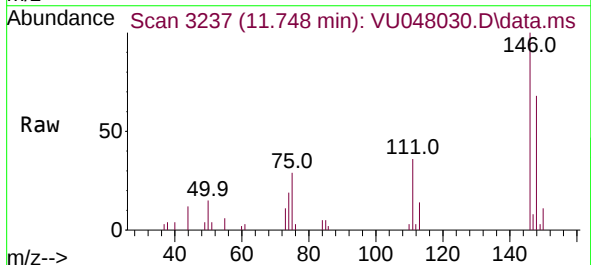
Instrument :
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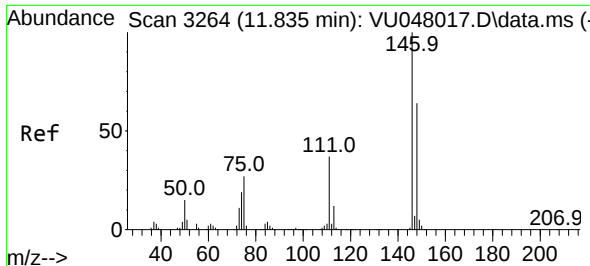
Tgt Ion:112 Resp: 12588
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 59.6 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.538 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048030.D
Acq: 14 Apr 2022 01:50

Tgt Ion:146 Resp: 8263
Ion Ratio Lower Upper
146 100
111 36.3 26.7 49.7
148 68.4 44.4 82.5

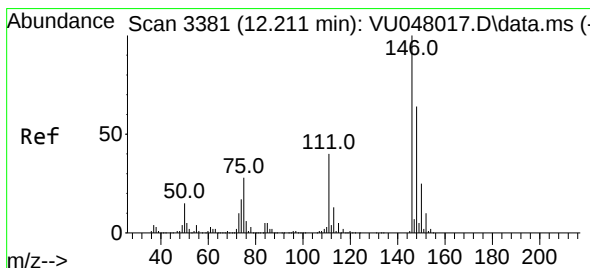
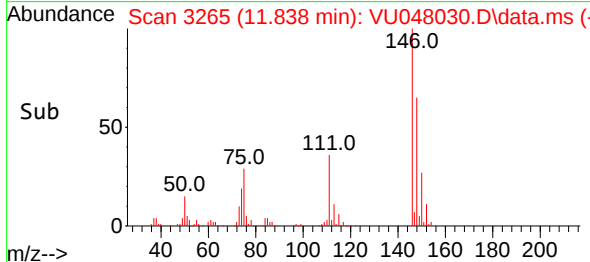
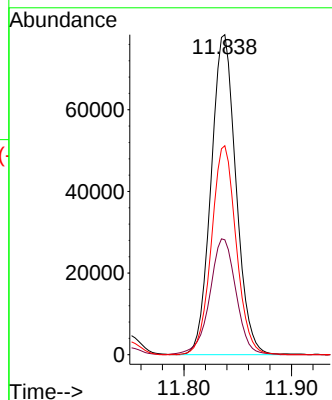
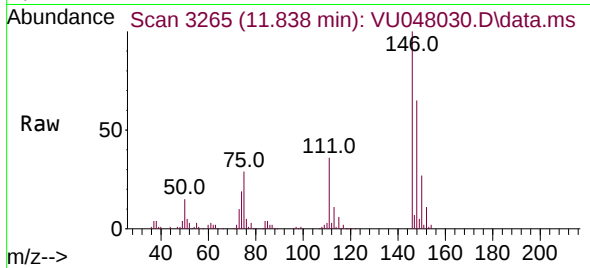




#65
1,4-Dichlorobenzene
Concen: 22.686 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048030.D
Acq: 14 Apr 2022 01:50

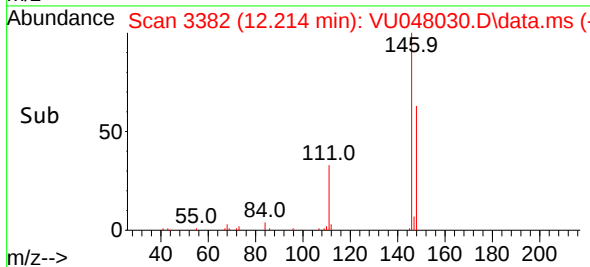
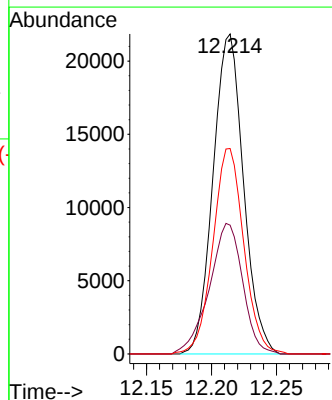
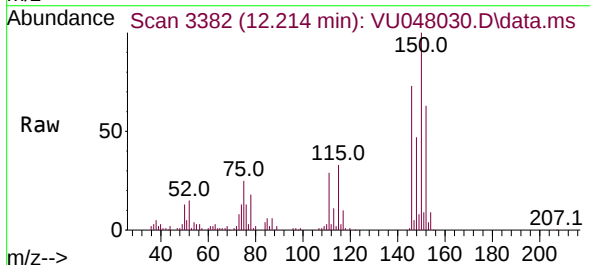
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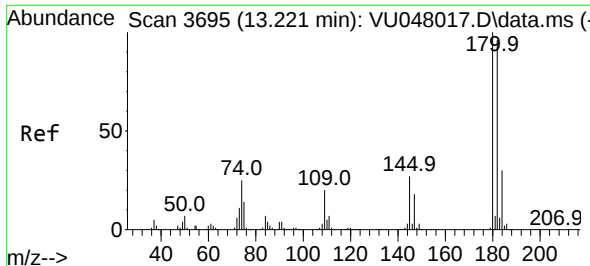
Tgt Ion:146 Resp: 126278
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 65.3 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 6.621 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048030.D
Acq: 14 Apr 2022 01:50

Tgt Ion:146 Resp: 35602
Ion Ratio Lower Upper
146 100
111 40.3 31.7 47.5
148 64.2 51.4 77.2

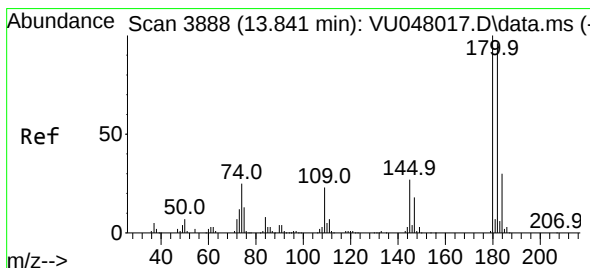
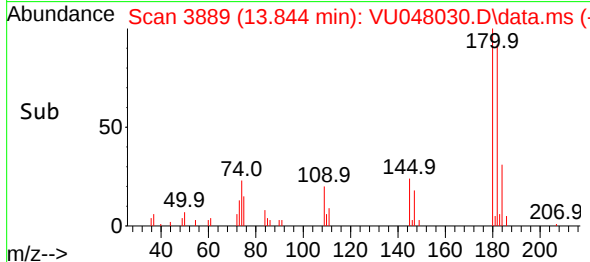
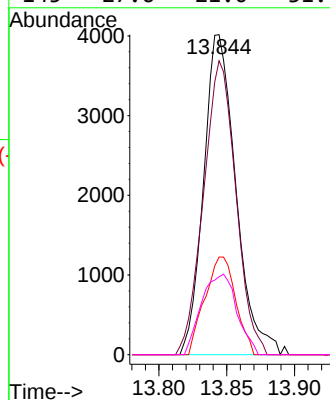
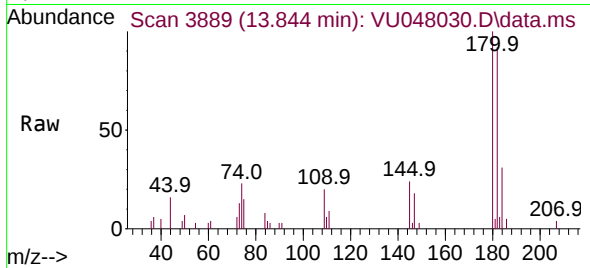




#69
 1,3,5-Trichlorobenzene
 Concen: 1.523 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.623 min
 Lab File: VU048030.D
 Acq: 14 Apr 2022 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J45

Tgt Ion:180	Resp:	6649
Ion Ratio	Lower	Upper
180	100	
182	91.8	77.0 115.6
184	29.1	24.5 36.7
145	27.6	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.739 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048030.D
 Acq: 14 Apr 2022 01:50

Tgt Ion:180	Resp:	6649
Ion Ratio	Lower	Upper
180	100	
182	91.8	76.2 114.2
145	27.6	21.8 32.8

