

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048121.D
 Acq On : 18 Apr 2022 15:15
 Operator : SY/MD
 Sample : N2419-06DL 400X
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

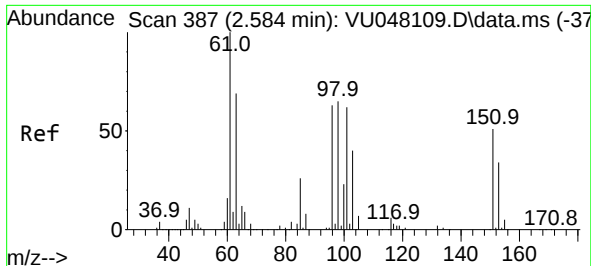
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J53DL

Quant Time: Apr 19 03:40:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354831	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123099	47.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.680%		
7) Chloroethane-d5	1.912	69	99393	48.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.980%		
11) 1,1-Dichloroethene-d2	2.568	63	157879	33.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.080%		
21) 2-Butanone-d5	4.623	46	176951	80.121	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.120%		
24) Chloroform-d	5.067	84	211007	44.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	5.703	65	132288	45.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.620%		
32) Benzene-d6	5.729	84	432691	46.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	6.694	67	139702	49.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.540%		
41) Toluene-d8	7.899	98	382072	42.473	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.940%		
43) trans-1,3-Dichloroprop...	8.179	79	57513	40.036	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.080%		
47) 2-Hexanone-d5	8.632	63	123716	74.531	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.530%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207465	42.633	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.260%		
66) 1,2-Dichlorobenzene-d4	12.192	152	167210	49.198	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1610	0.616	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1203	0.494	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	2024	0.537	ug/L #	75
33) Benzene	5.774	78	226793	21.353	ug/L	100
35) Methylcyclohexane	6.694	83	32147	7.589	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	3337	0.797	ug/L #	57
51) Chlorobenzene	9.446	112	757821	95.772	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	5492	1.525	ug/L #	46
64) 1,3-Dichlorobenzene	11.745	146	21058	3.670	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	220669	37.124	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	279112	48.609	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	43941	9.428	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	43941	10.764	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	10896	2.663	ug/L	99

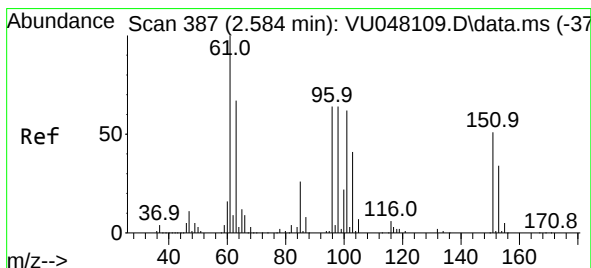
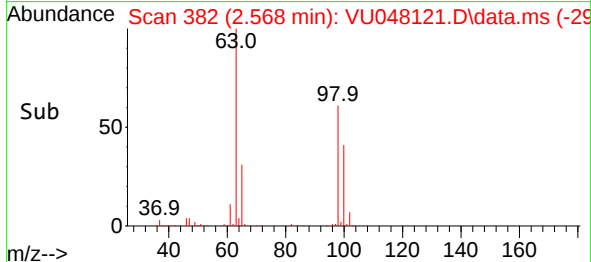
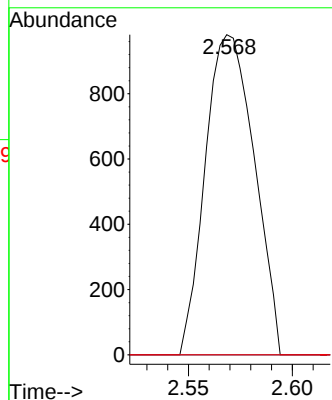
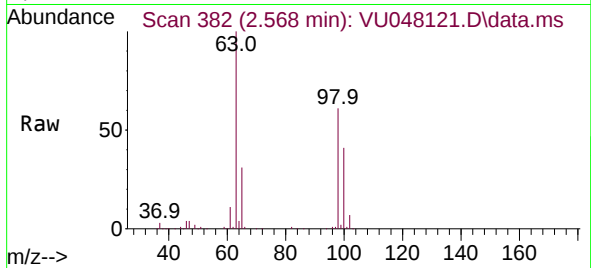
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.616 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048121.D
 Acq: 18 Apr 2022 15:15

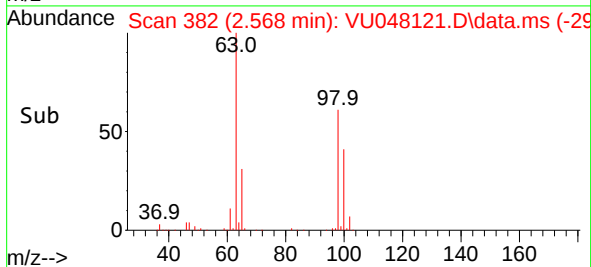
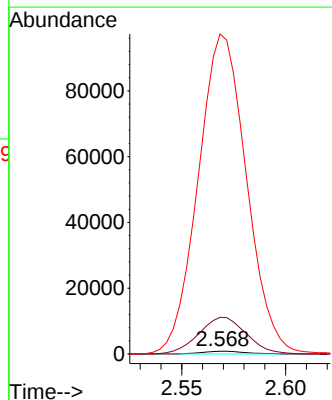
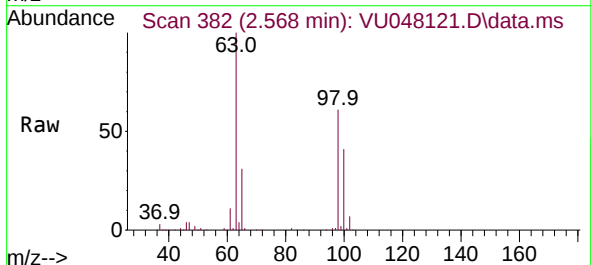
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J53DL

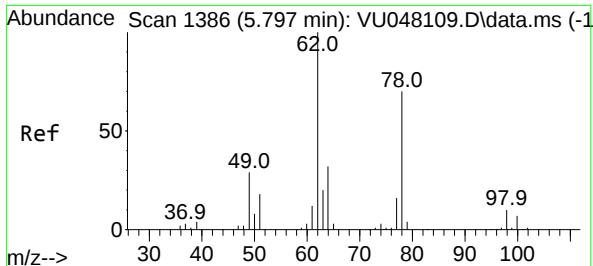
Tgt Ion:101 Resp: 1610
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.494 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048121.D
 Acq: 18 Apr 2022 15:15

Tgt Ion: 96 Resp: 1203
 Ion Ratio Lower Upper
 96 100
 61 1321.9 113.1 210.1#
 63 11528.9 94.8 176.0#

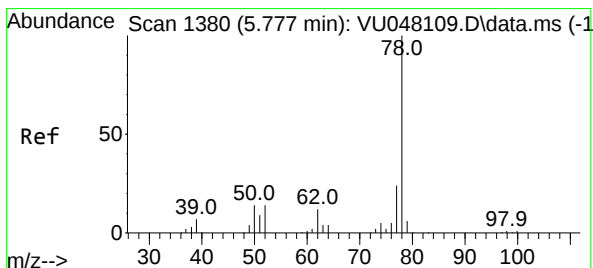
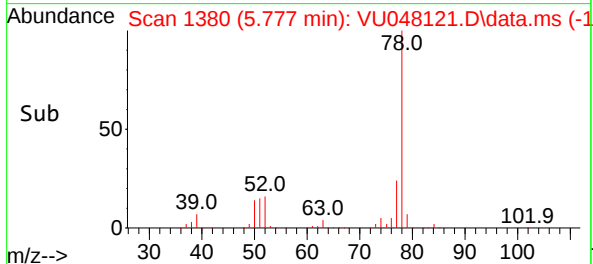
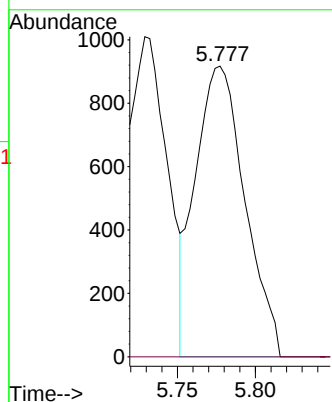
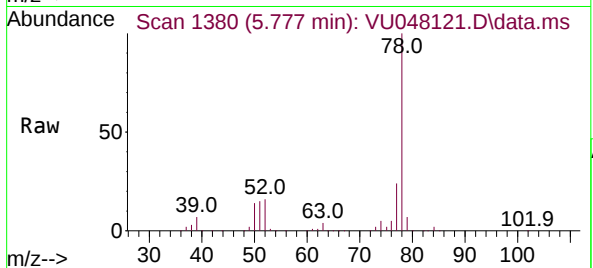




#27
1,2-Dichloroethane
Concen: 0.537 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

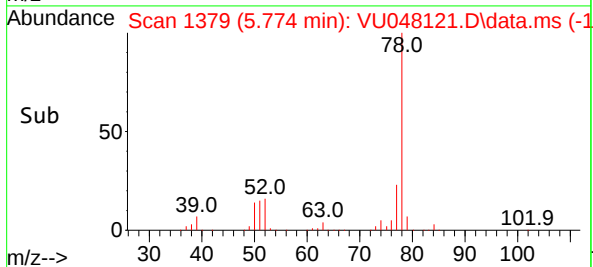
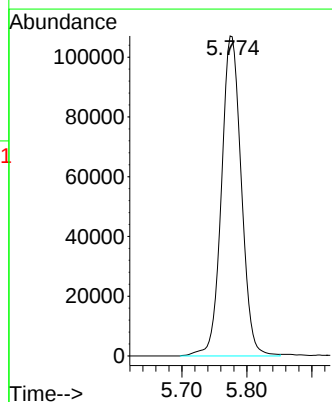
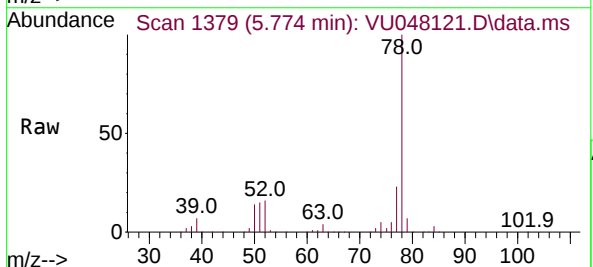
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MSVOA_U
ClientSampleId :
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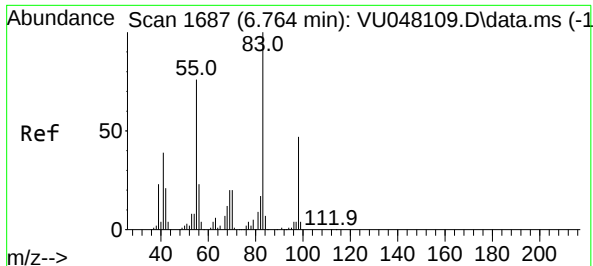
Tgt Ion: 62 Resp: 2024
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#33
Benzene
Concen: 21.353 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion: 78 Resp: 226793

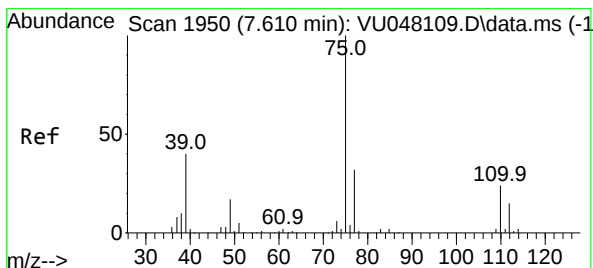
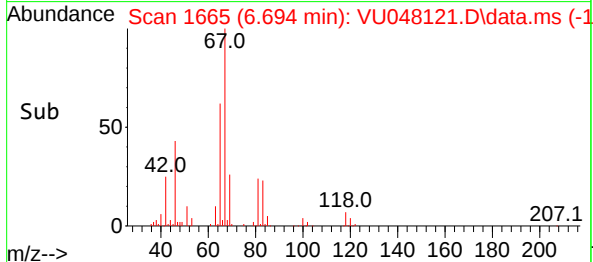
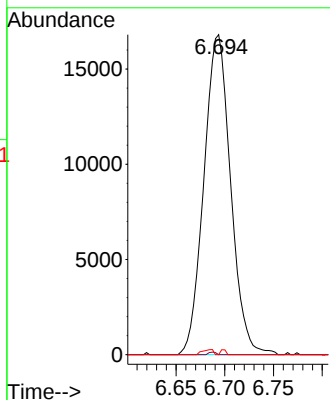
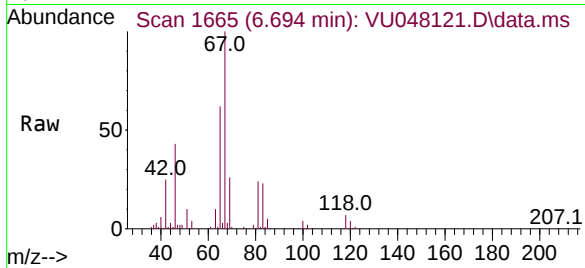




#35
Methylcyclohexane
Concen: 7.589 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

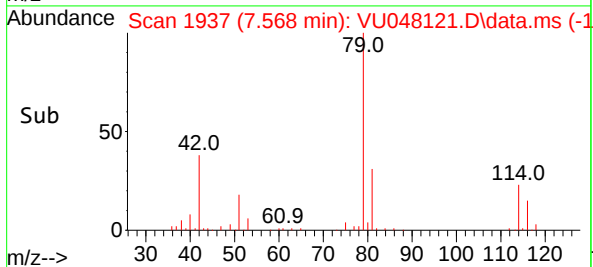
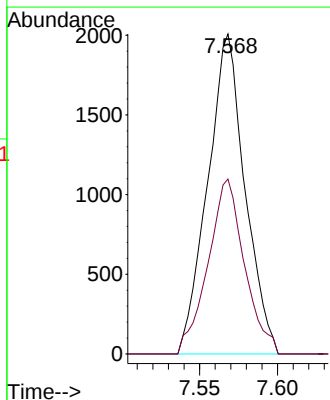
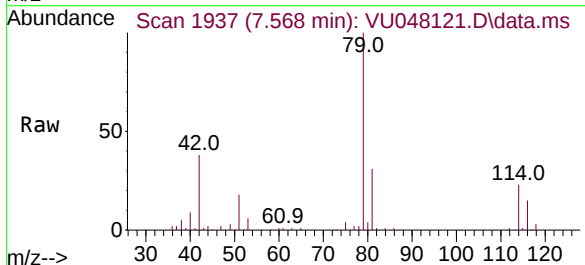
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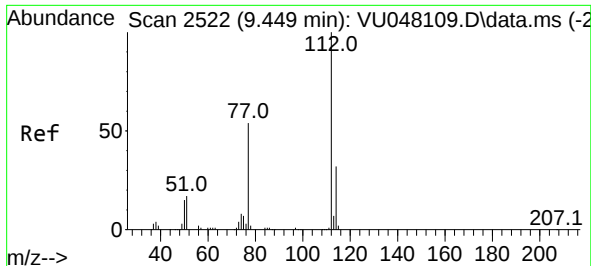
Tgt Ion: 83 Resp: 32147
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.3 38.1 57.1#



#39
cis-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion: 75 Resp: 3337
Ion Ratio Lower Upper
75 100
77 54.7 21.8 40.6#

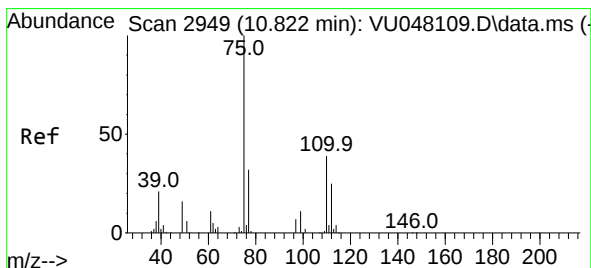
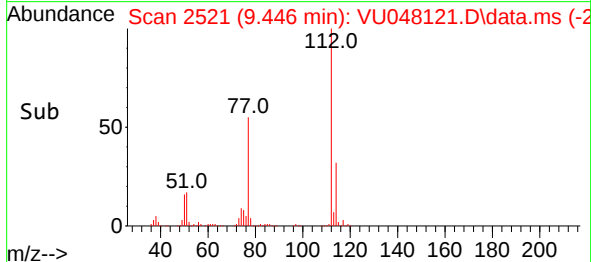
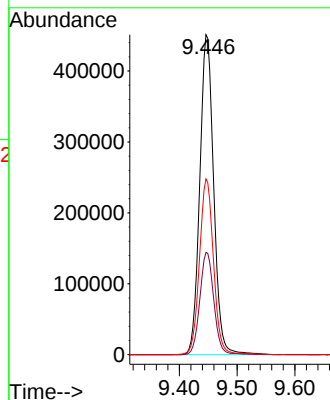
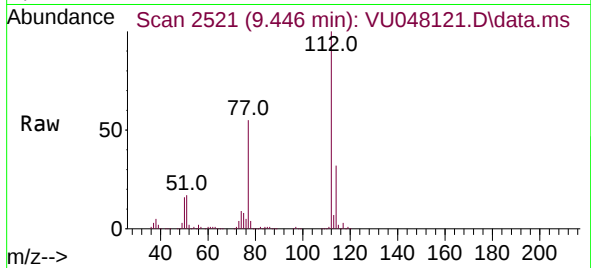




#51
Chlorobenzene
Concen: 95.772 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

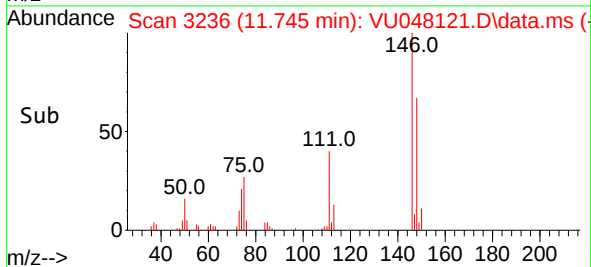
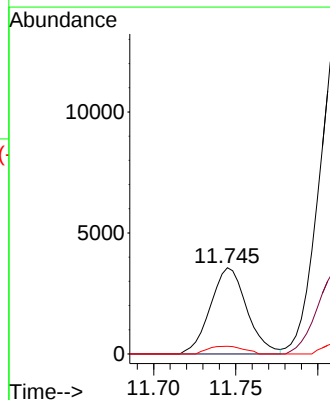
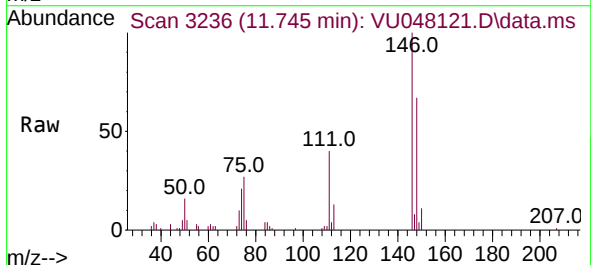
Instrument :
MSVOA_U
ClientSampleId :
C0J53DL

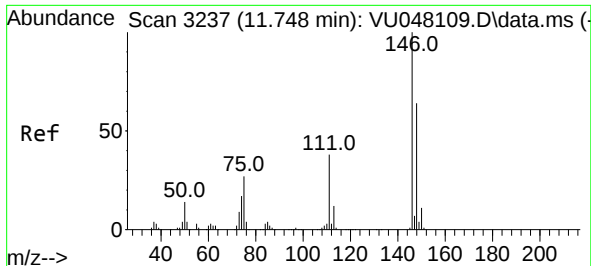
Tgt Ion:112 Resp: 757821
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.9 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion: 75 Resp: 5492
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 8.7 31.4 47.2#

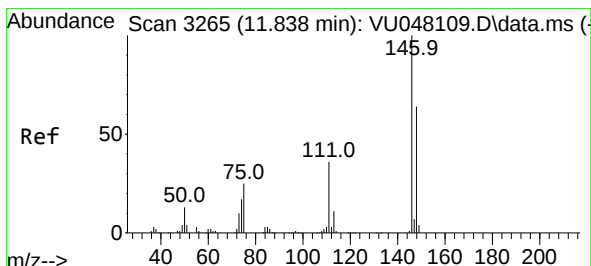
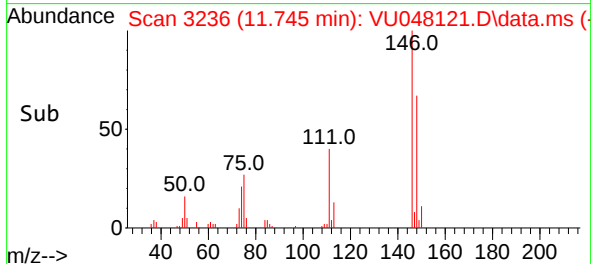
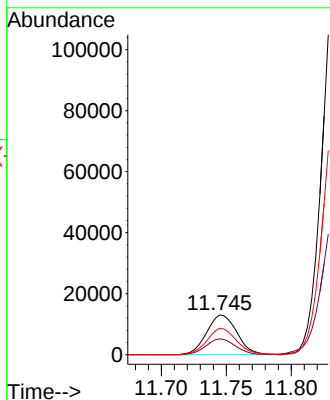
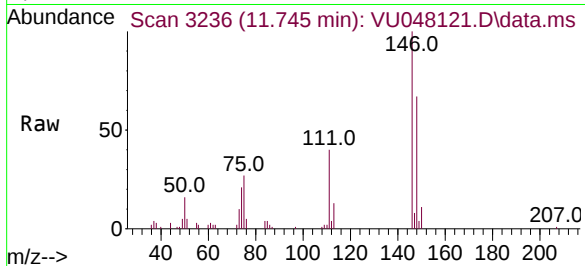




#64
1,3-Dichlorobenzene
Concen: 3.670 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

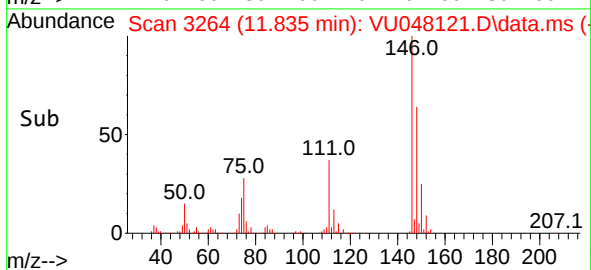
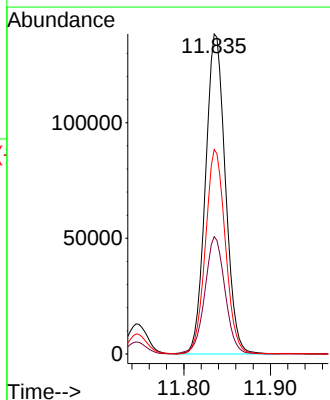
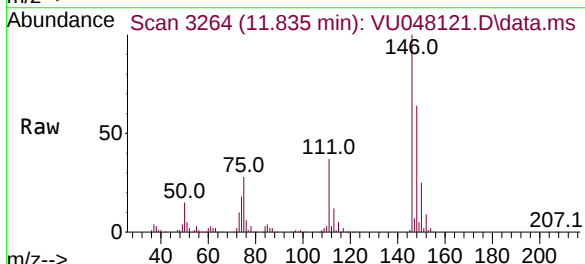
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ClientSampleId :
C0J53DL

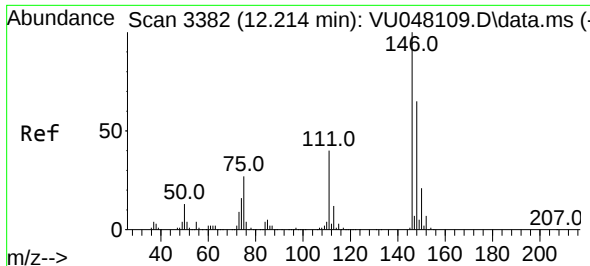
Tgt Ion:146 Resp: 21058
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.7
148 66.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 37.124 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion:146 Resp: 220669
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 48.609 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048121.D

Acq: 18 Apr 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0J53DL

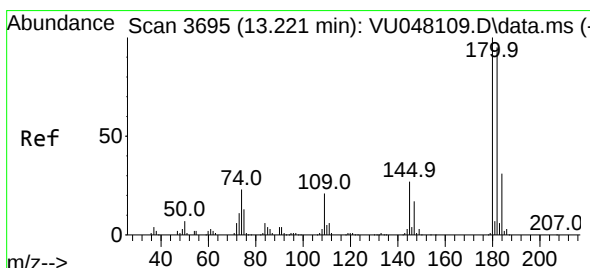
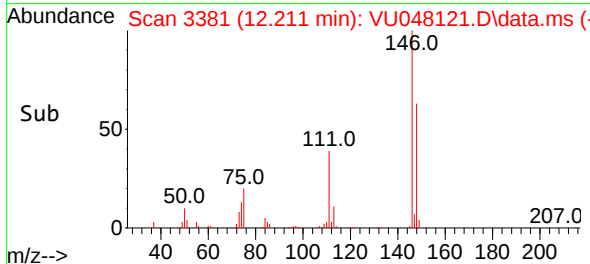
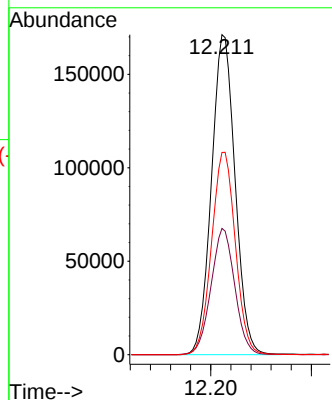
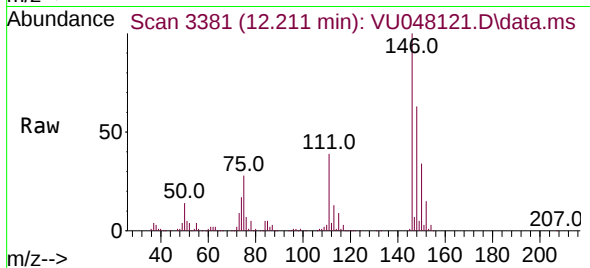
Tgt Ion:146 Resp: 279112

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 63.2 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 9.428 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU048121.D

Acq: 18 Apr 2022 15:15

Tgt Ion:180 Resp: 43941

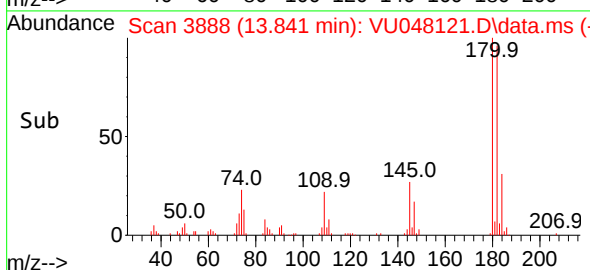
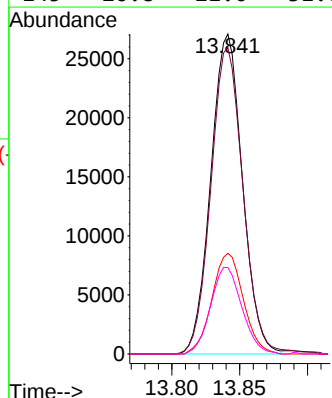
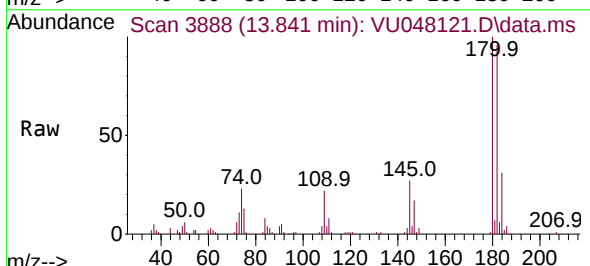
Ion Ratio Lower Upper

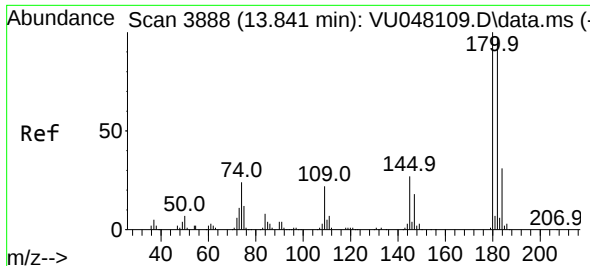
180 100

182 97.1 77.0 115.6

184 31.2 24.5 36.7

145 26.8 21.0 31.6

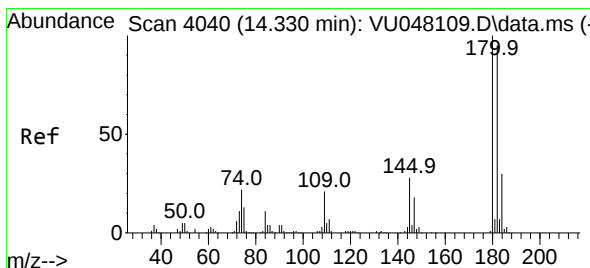
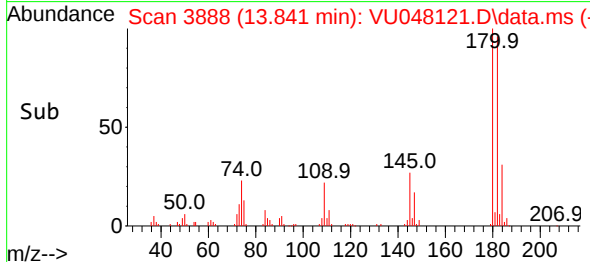
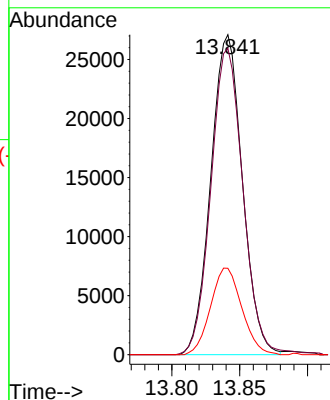
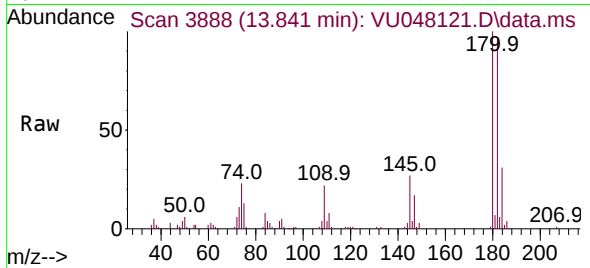




#70
 1,2,4-trichlorobenzene
 Concen: 10.764 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048121.D
 Acq: 18 Apr 2022 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J53DL

Tgt Ion:180 Resp: 43941
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.2 114.2
 145 26.8 21.8 32.8



#72
 1,2,3-Trichlorobenzene
 Concen: 2.663 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048121.D
 Acq: 18 Apr 2022 15:15

Tgt Ion:180 Resp: 10896
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.4 116.0
 145 27.5 22.8 34.2

