

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048156.D
 Acq On : 20 Apr 2022 20:23
 Operator : SY/MD
 Sample : N2485-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J24

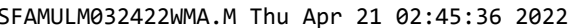
Quant Time: Apr 21 02:45:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

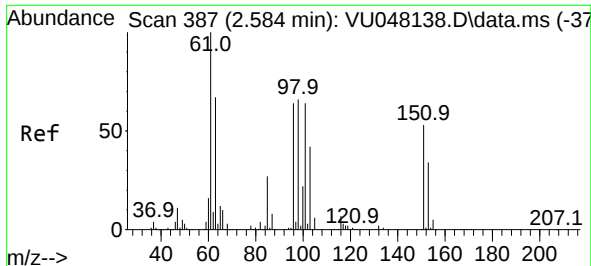
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	390637	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385152	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	198912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114351	40.367	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.740%		
7) Chloroethane-d5	1.916	69	95159	42.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.200%		
11) 1,1-Dichloroethene-d2	2.568	63	150934	29.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.240%#		
21) 2-Butanone-d5	4.620	46	198268	81.544	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.540%		
24) Chloroform-d	5.067	84	213156	41.124	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.240%		
26) 1,2-Dichloroethane-d4	5.703	65	131136	41.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.500%		
32) Benzene-d6	5.729	84	448835	46.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.620%		
36) 1,2-Dichloropropane-d6	6.693	67	145069	48.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.480%		
41) Toluene-d8	7.899	98	400473	42.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.820%		
43) trans-1,3-Dichloroprop...	8.179	79	63016	41.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.580%		
47) 2-Hexanone-d5	8.632	63	144009	82.652	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.650%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217208	42.524	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	168423	47.593	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1528	0.531	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1054	0.393	ug/L #	1
13) Acetone	2.626	43	29209	12.909	ug/L	98
27) 1,2-Dichloroethane	5.777	62	3410	0.822	ug/L #	75
33) Benzene	5.777	78	426258	38.235	ug/L	100
35) Methylcyclohexane	6.690	83	32706	7.356	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	14100	4.975	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3190	0.725	ug/L #	62
51) Chlorobenzene	9.446	112	1626057	195.777	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	53106	8.888	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	938127	151.578	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	863085	144.359	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	166588	34.329	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	166588	39.192	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	48813	11.456	ug/L	99

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

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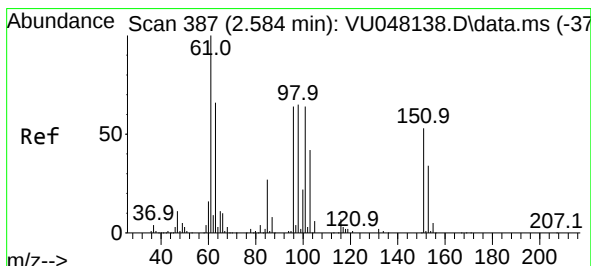
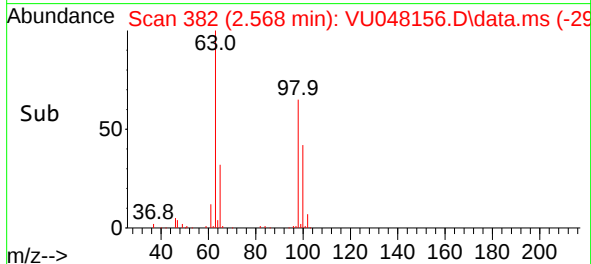
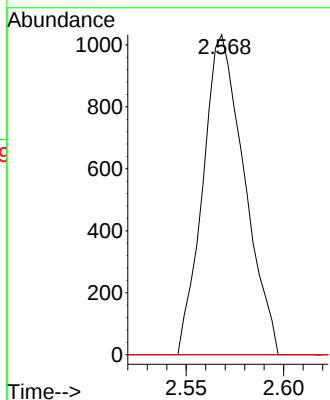
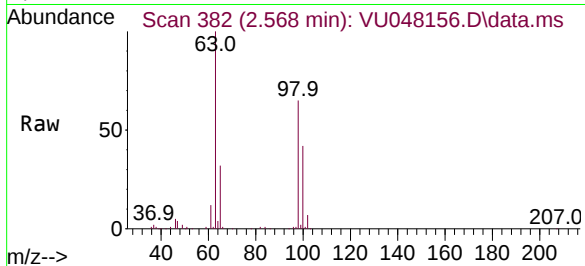




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.531 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048156.D
 Acq: 20 Apr 2022 20:23

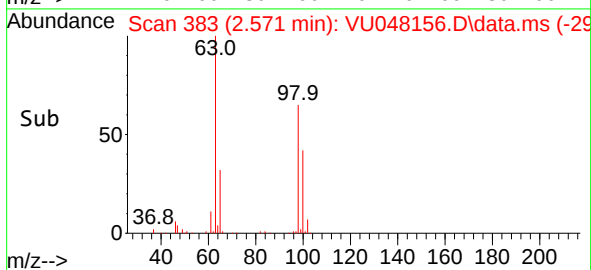
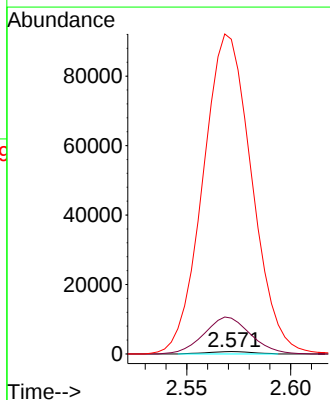
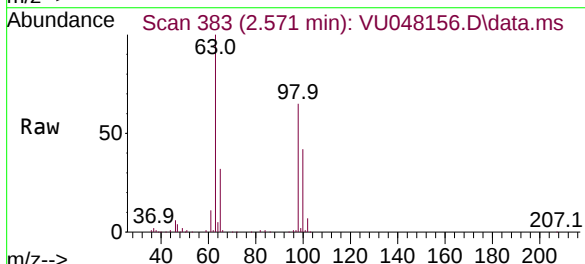
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J24

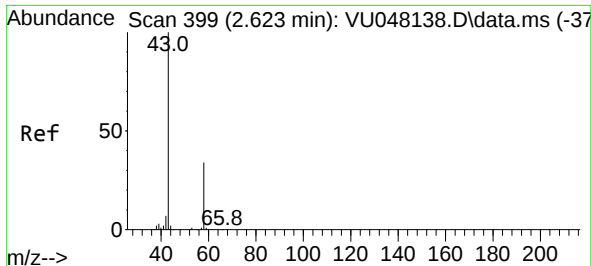
Tgt Ion: 101 Resp: 1528
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.393 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048156.D
 Acq: 20 Apr 2022 20:23

Tgt Ion: 96 Resp: 1054
 Ion Ratio Lower Upper
 96 100
 61 1536.5 113.1 210.1#
 63 13484.5 94.8 176.0#





#13

Acetone

Concen: 12.909 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048156.D

Acq: 20 Apr 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

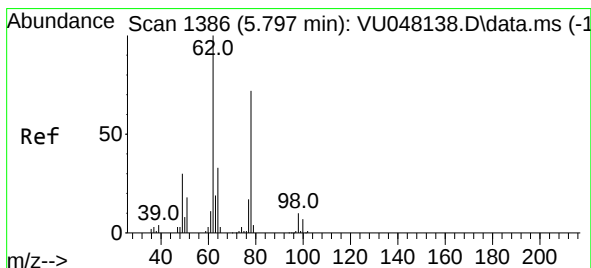
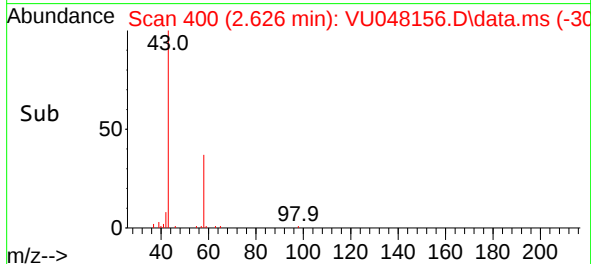
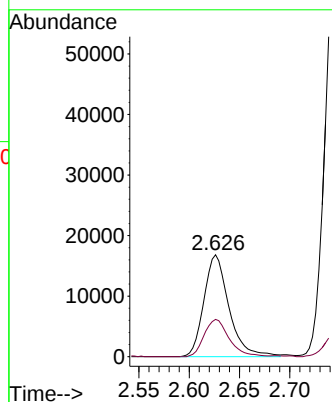
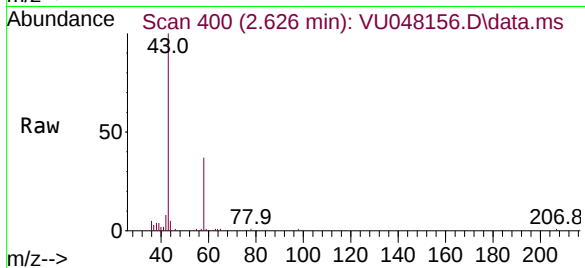
C0J24

Tgt Ion: 43 Resp: 29209

Ion Ratio Lower Upper

43 100

58 36.4 0.0 70.0



#27

1,2-Dichloroethane

Concen: 0.822 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048156.D

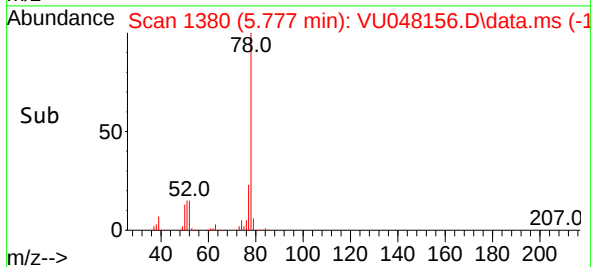
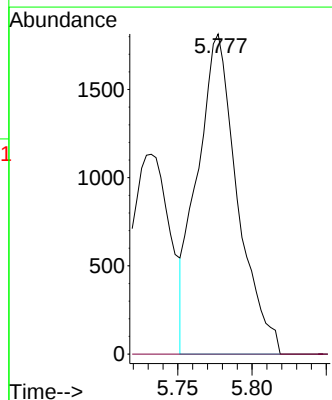
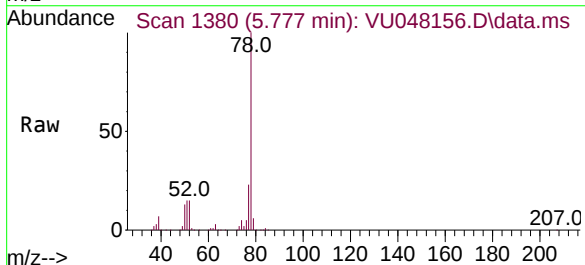
Acq: 20 Apr 2022 20:23

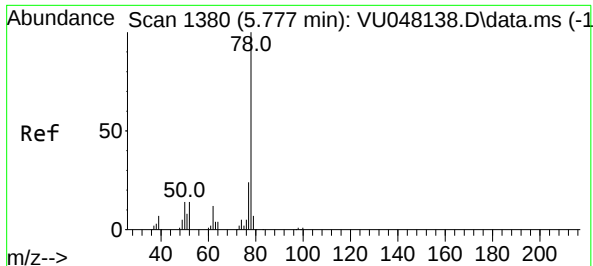
Tgt Ion: 62 Resp: 3410

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

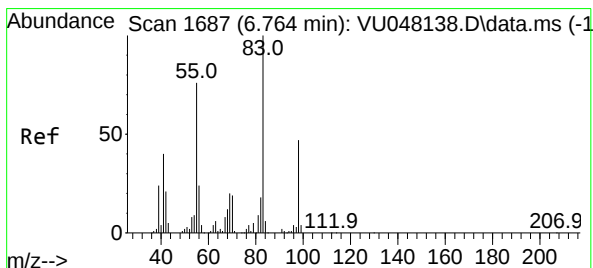
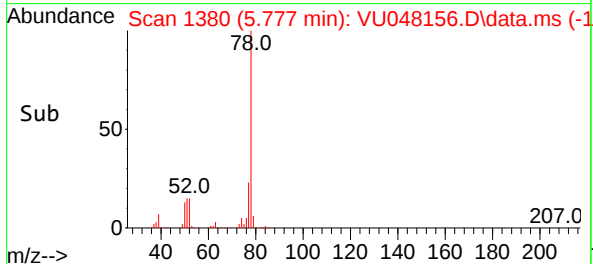
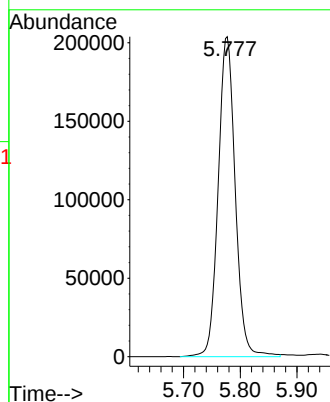
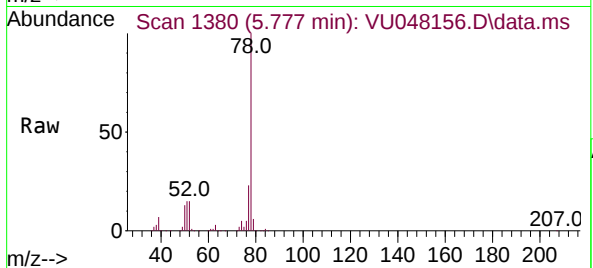




#33
Benzene
Concen: 38.235 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

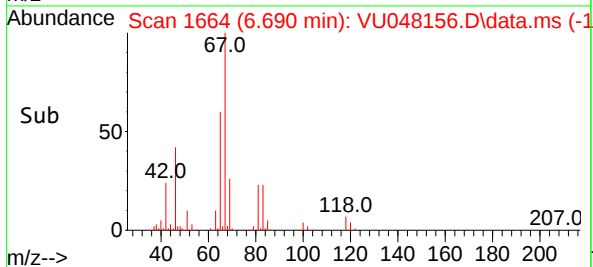
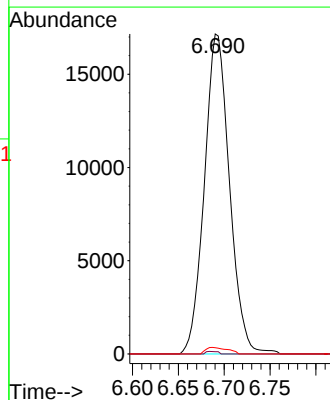
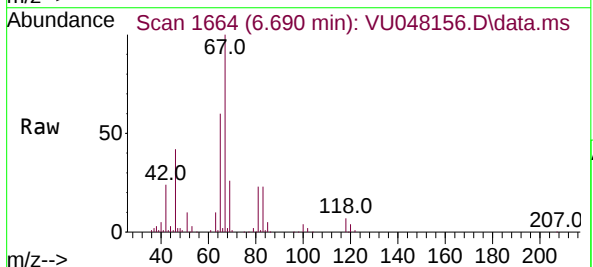
Instrument :
MSVOA_U
ClientSampleId :
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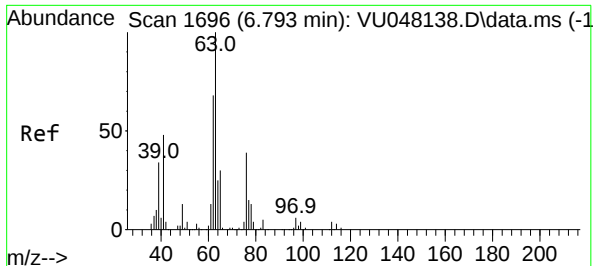
Tgt Ion: 78 Resp: 426258



#35
Methylcyclohexane
Concen: 7.356 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion: 83 Resp: 32706
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.8 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 4.975 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048156.D

Acq: 20 Apr 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

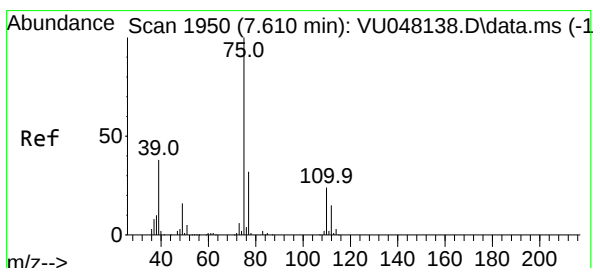
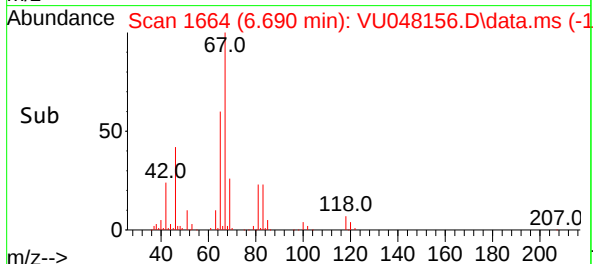
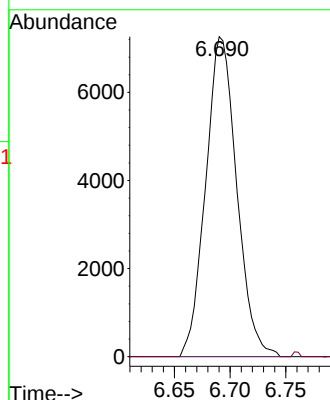
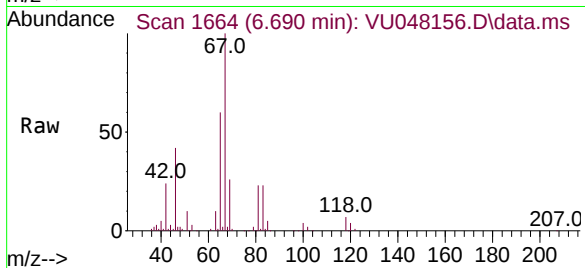
C0J24

Tgt Ion: 63 Resp: 14100

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048156.D

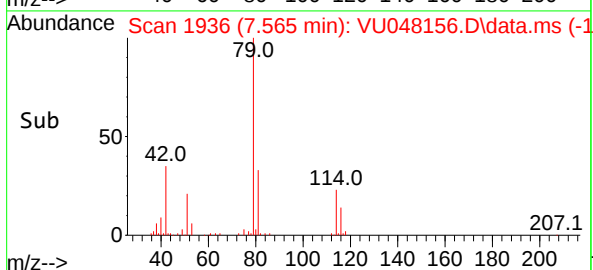
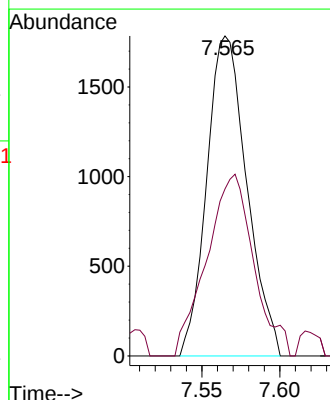
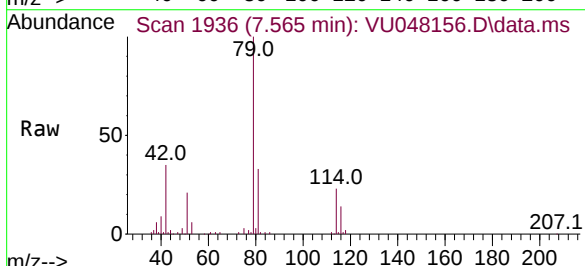
Acq: 20 Apr 2022 20:23

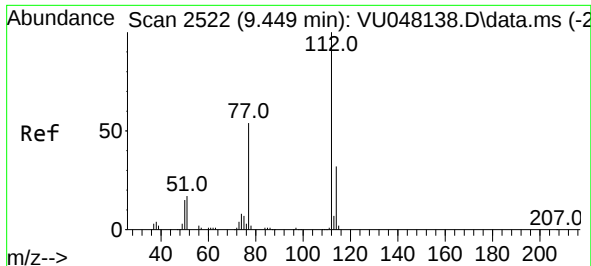
Tgt Ion: 75 Resp: 3190

Ion Ratio Lower Upper

75 100

77 52.2 21.8 40.6#

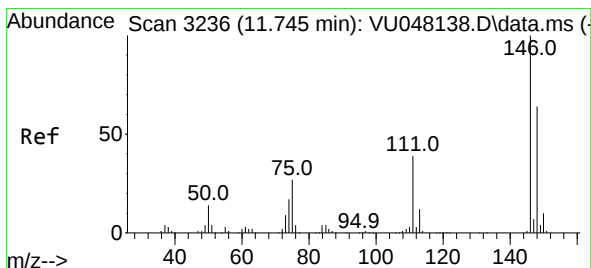
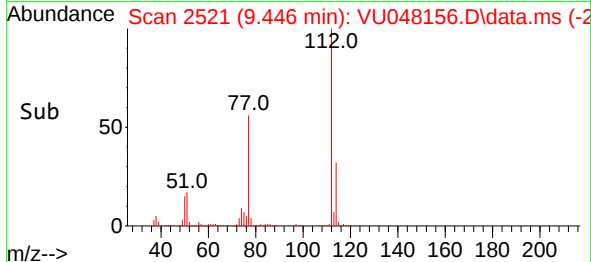
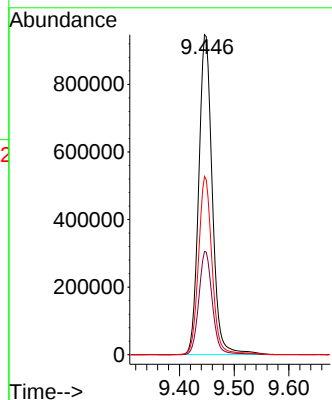
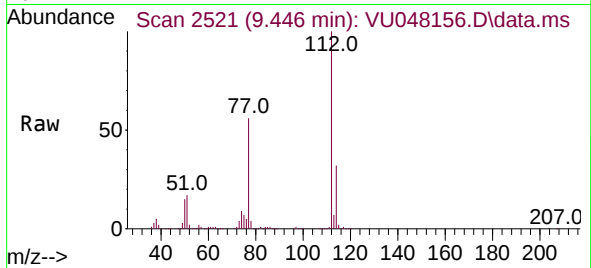




#51
Chlorobenzene
Concen: 195.777 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

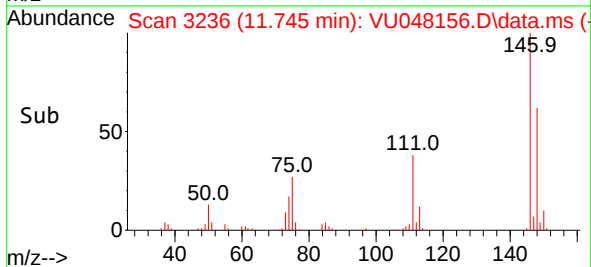
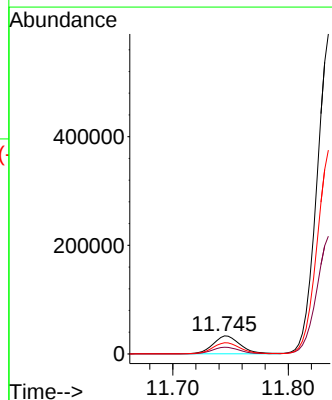
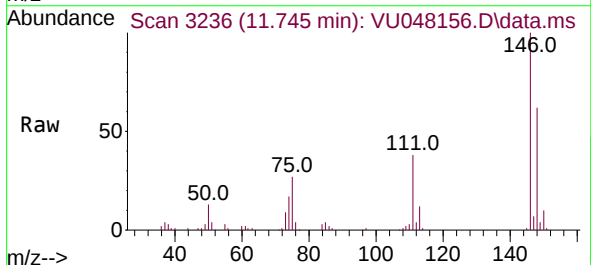
Instrument :
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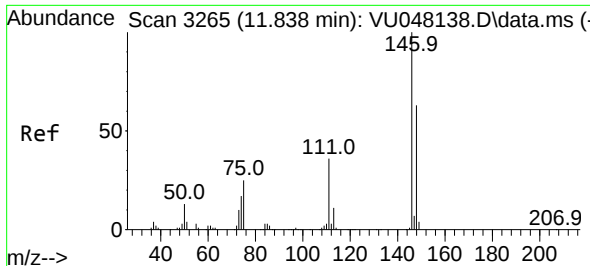
Tgt Ion:112 Resp: 1626057
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 55.7 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 8.888 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion:146 Resp: 53106
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 62.0 44.4 82.5

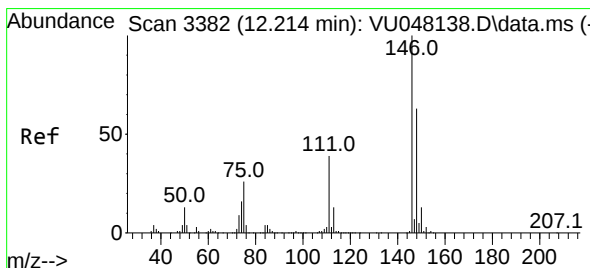
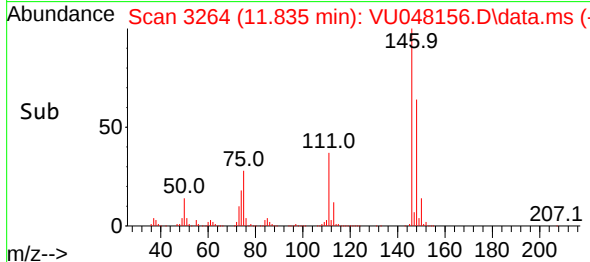
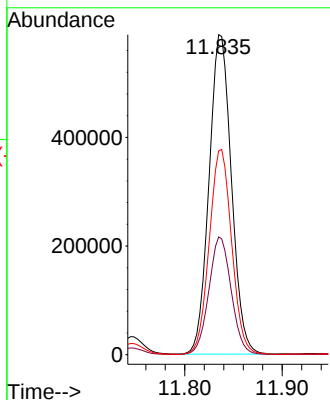
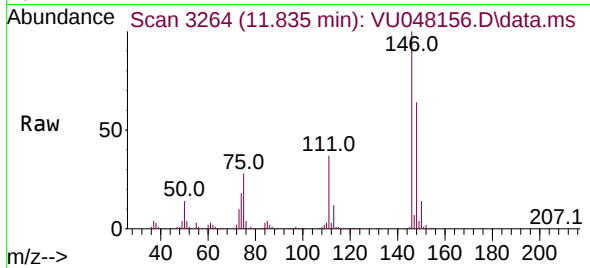




#65
1,4-Dichlorobenzene
Concen: 151.578 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

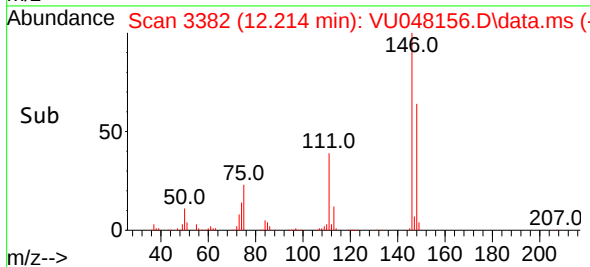
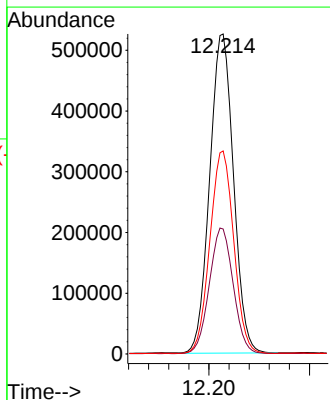
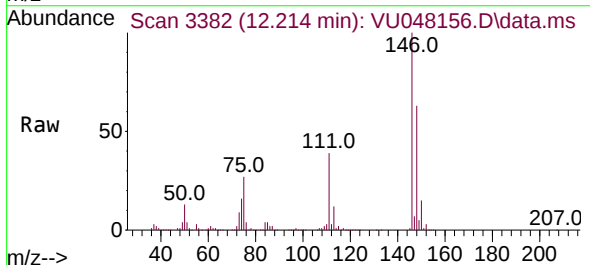
Instrument :
MSVOA_U
ClientSampleId :
C0J24

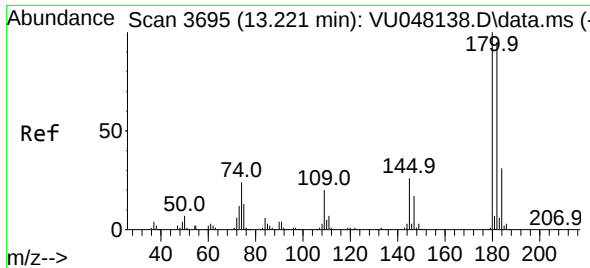
Tgt Ion:146 Resp: 938127
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 63.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 144.359 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion:146 Resp: 863085
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 63.5 51.4 77.2



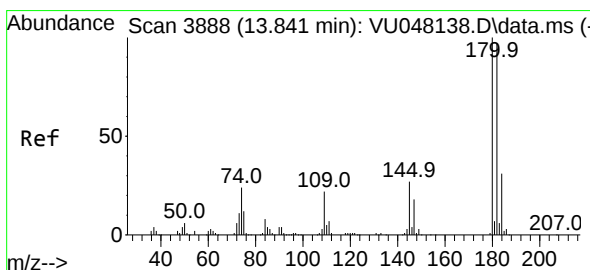
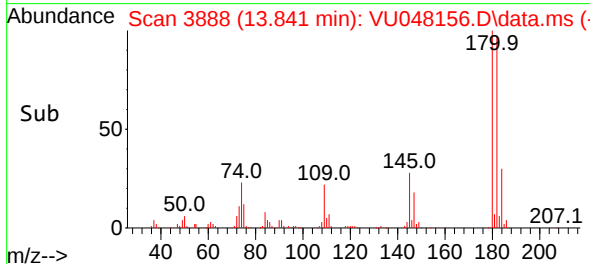
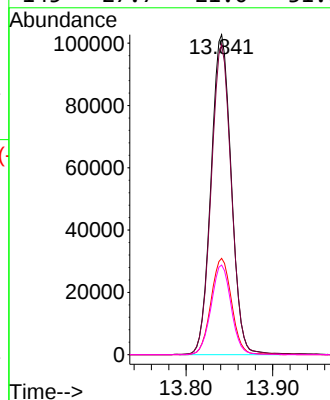
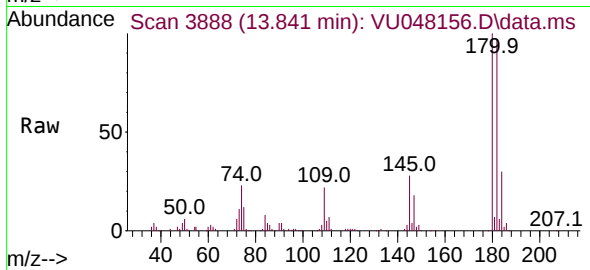


#69
 1,3,5-Trichlorobenzene
 Concen: 34.329 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048156.D
 Acq: 20 Apr 2022 20:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J24

Tgt Ion:180 Resp: 166588

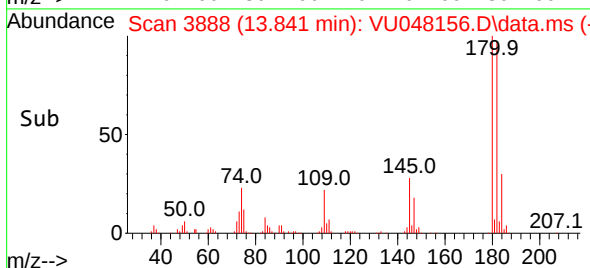
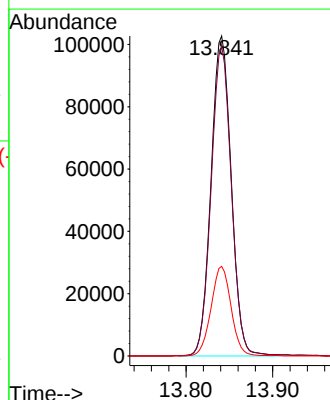
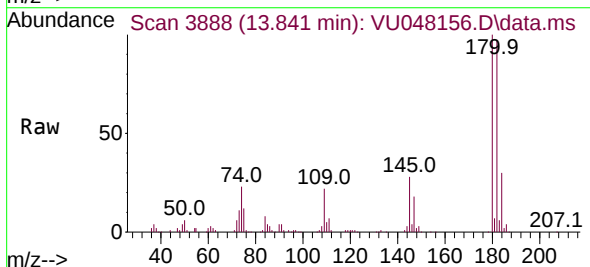
Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.0	115.6
184	30.7	24.5	36.7
145	27.7	21.0	31.6

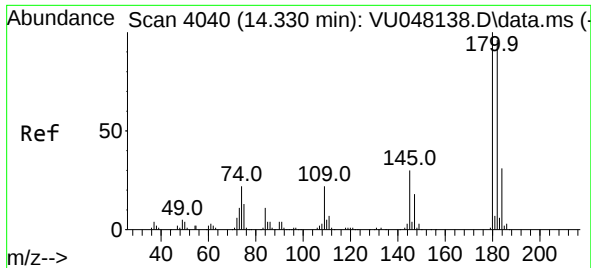


#70
 1,2,4-trichlorobenzene
 Concen: 39.192 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048156.D
 Acq: 20 Apr 2022 20:23

Tgt Ion:180 Resp: 166588

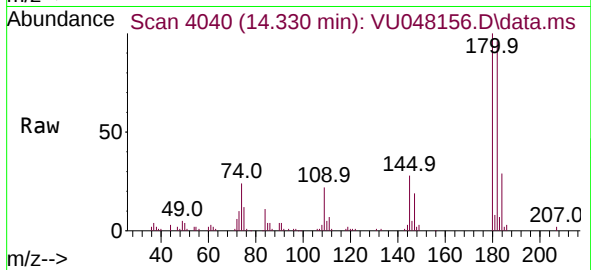
Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	27.7	21.8	32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 11.456 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU048156.D
 Acq: 20 Apr 2022 20:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J24



Tgt Ion:180 Resp: 48813
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.4 116.0
 145 28.6 22.8 34.2

