

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051469.D
 Acq On : 20 Oct 2022 14:05
 Operator : JC/MD
 Sample : N5180-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

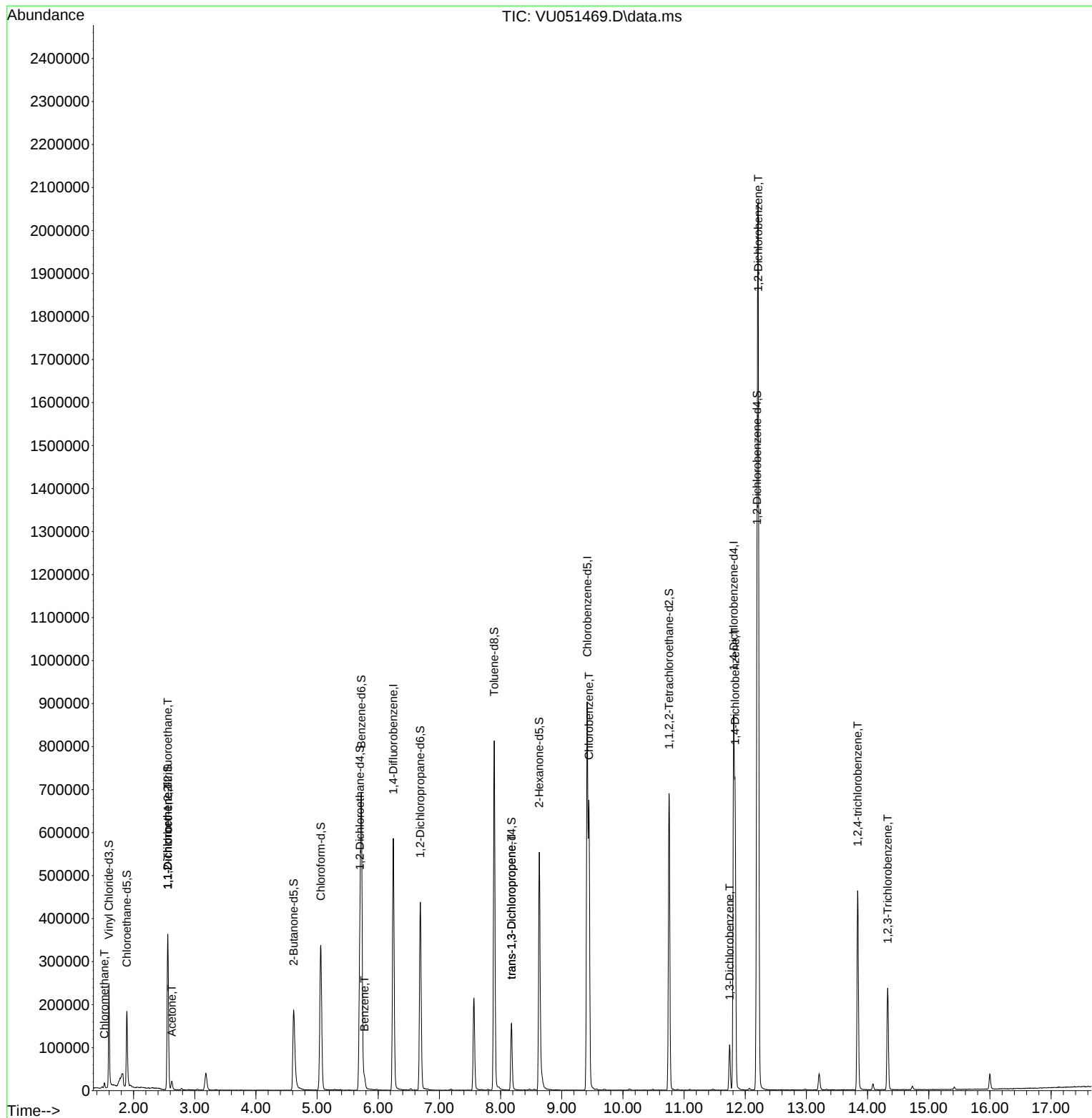
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	473314	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	487658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213944	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	169506	45.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.260%		
7) Chloroethane-d5	1.890	69	141691	45.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.600%		
11) 1,1-Dichloroethene-d2	2.559	63	214423	33.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.080%		
21) 2-Butanone-d5	4.616	46	260107	98.250	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.250%		
24) Chloroform-d	5.060	84	316752	45.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
26) 1,2-Dichloroethane-d4	5.700	65	208062	48.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.040%		
32) Benzene-d6	5.722	84	647892	49.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.120%		
36) 1,2-Dichloropropane-d6	6.687	67	214488	49.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.920%		
41) Toluene-d8	7.896	98	557142	46.285	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.560%		
43) trans-1,3-Dichloroprop...	8.179	79	87956	47.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.260%		
47) 2-Hexanone-d5	8.632	63	179771	94.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.380%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	349940	46.450	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	223354	55.769	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.540%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	9412	1.780	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2336	0.631	ug/L #	29
12) 1,1-Dichloroethene	2.559	96	1908	0.544	ug/L #	1
13) Acetone	2.626	43	22571	7.482	ug/L	98
33) Benzene	5.774	78	26442	1.659	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	3987	0.711	ug/L	89
51) Chlorobenzene	9.446	112	346391	32.334	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	43203	6.299	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	255954	36.291	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	754936	105.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	148153	41.827	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	75202	19.779	ug/L	99

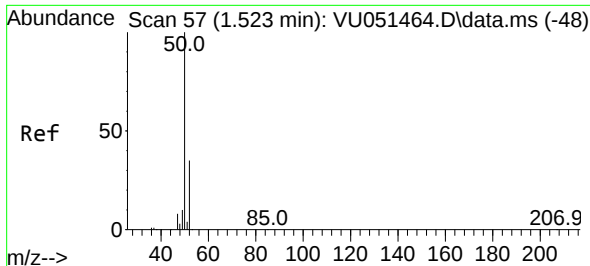
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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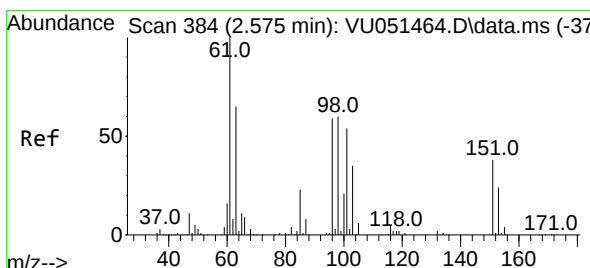
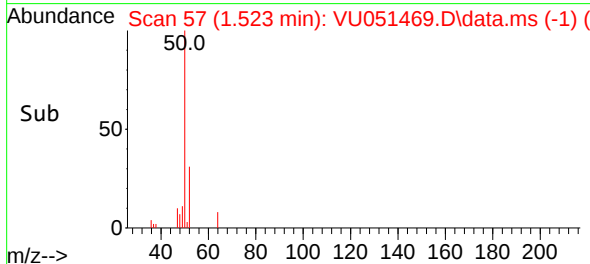
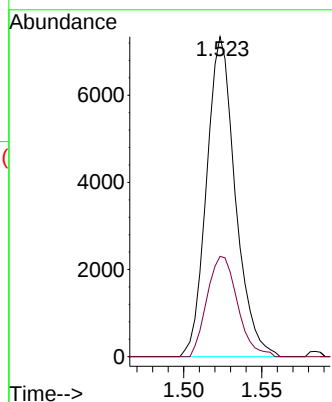
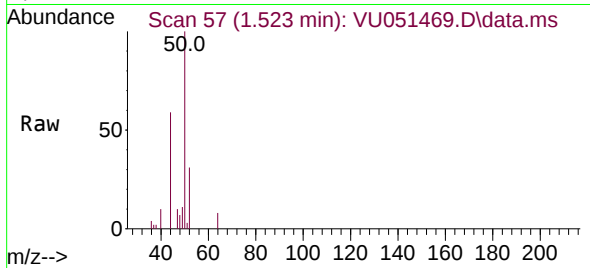




#3
Chloromethane
Concen: 1.780 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

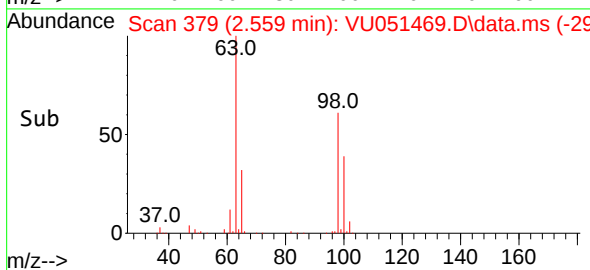
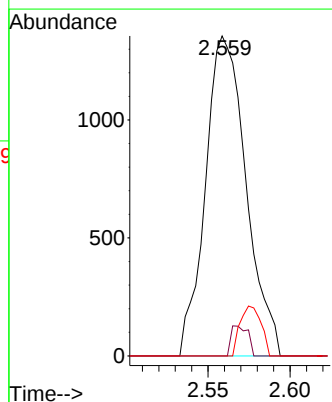
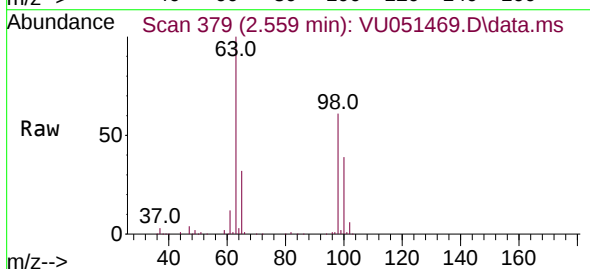
Instrument :
MSVOA_U
ClientSampleId :

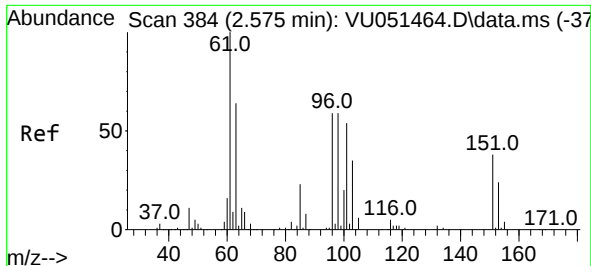
Tgt Ion: 50 Resp: 9412
Ion Ratio Lower Upper
50 100
52 31.4 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.631 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

Tgt Ion: 101 Resp: 2336
Ion Ratio Lower Upper
101 100
85 3.9 35.2 52.8#
151 8.0 57.8 86.8#





#12

1,1-Dichloroethene

Concen: 0.544 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051469.D

Acq: 20 Oct 2022 14:05

Instrument :

MSVOA_U

ClientSampleId :

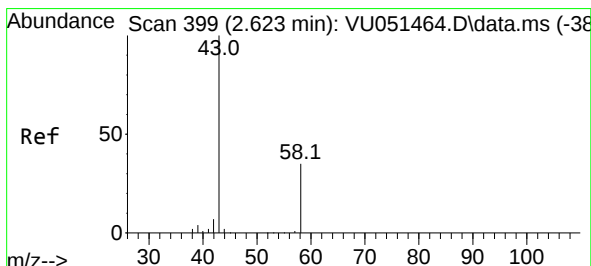
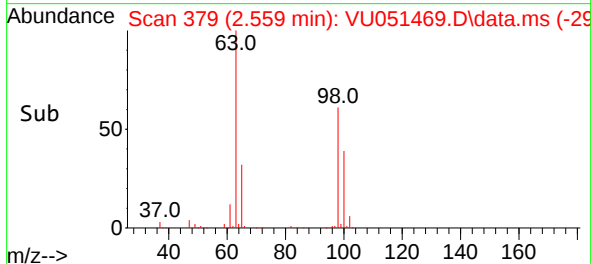
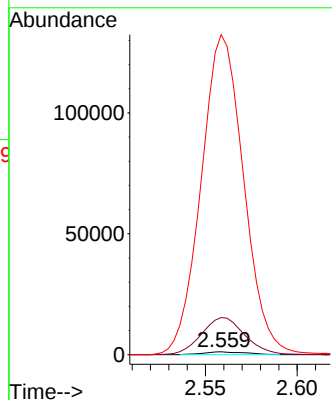
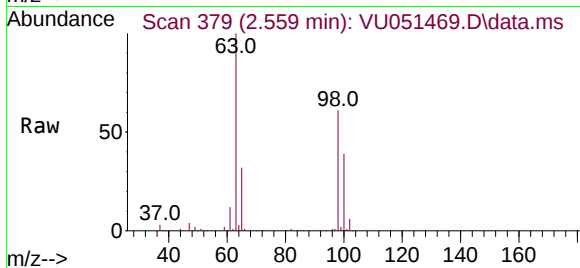
Tgt Ion: 96 Resp: 1908

Ion Ratio Lower Upper

96 100

61 1299.7 119.0 221.0#

63 11197.3 78.5 145.7#



#13

Acetone

Concen: 7.482 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051469.D

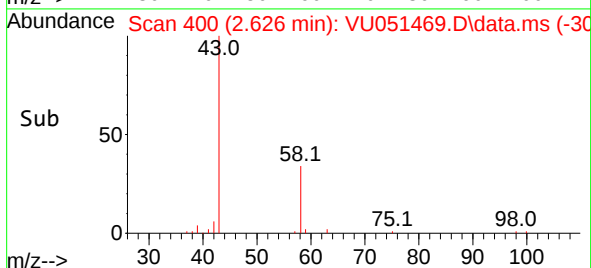
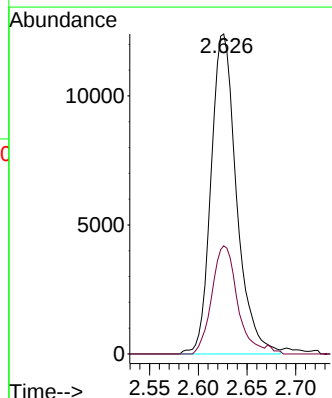
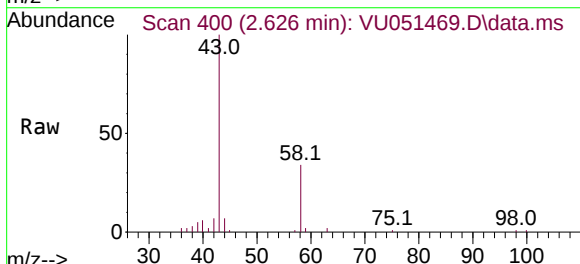
Acq: 20 Oct 2022 14:05

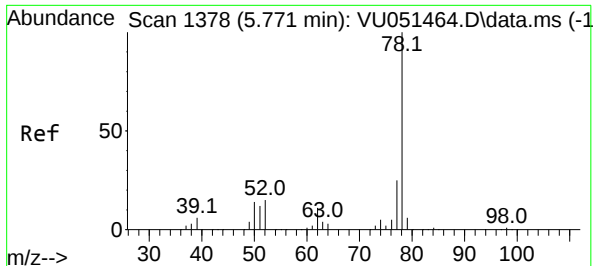
Tgt Ion: 43 Resp: 22571

Ion Ratio Lower Upper

43 100

58 33.6 0.0 70.2





#33

Benzene

Concen: 1.659 ug/L

RT: 5.774 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051469.D

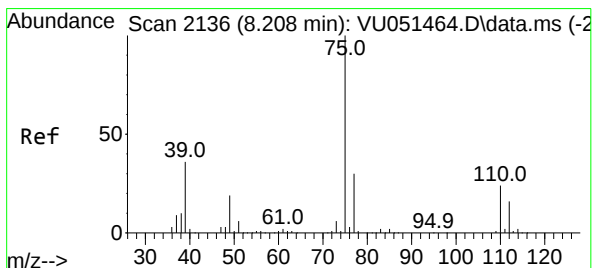
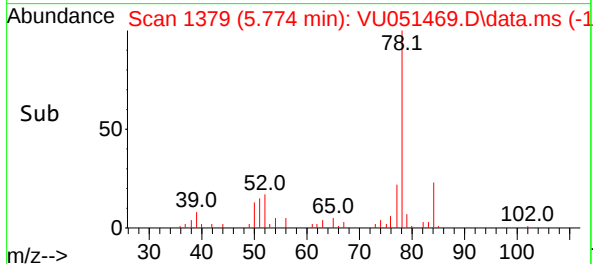
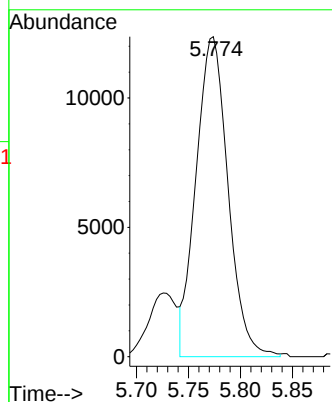
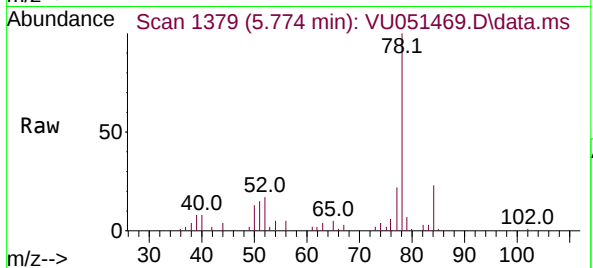
Acq: 20 Oct 2022 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 26442



#44

trans-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051469.D

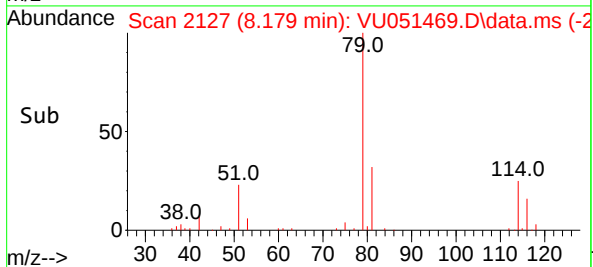
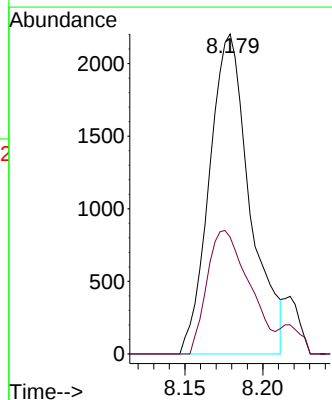
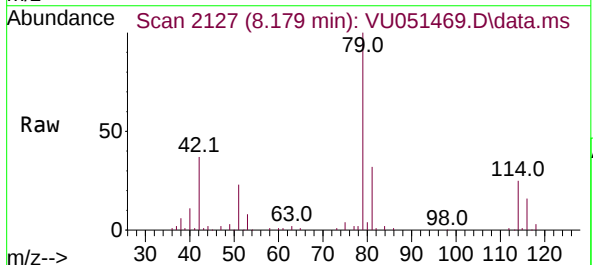
Acq: 20 Oct 2022 14:05

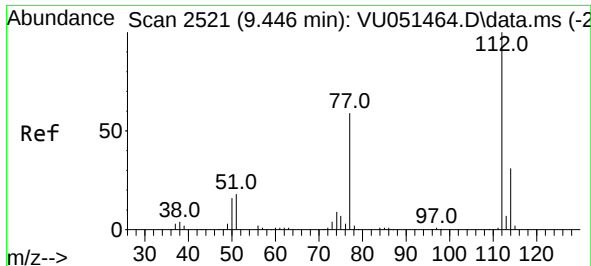
Tgt Ion: 75 Resp: 3987

Ion Ratio Lower Upper

75 100

77 36.5 21.3 39.5

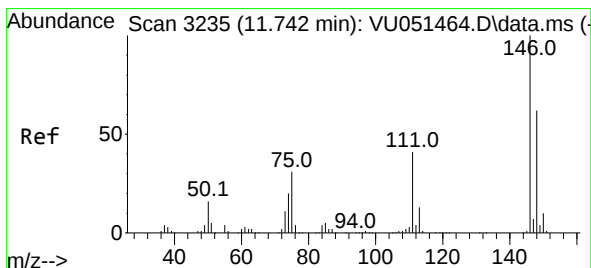
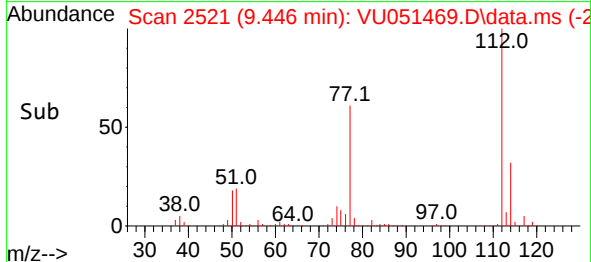
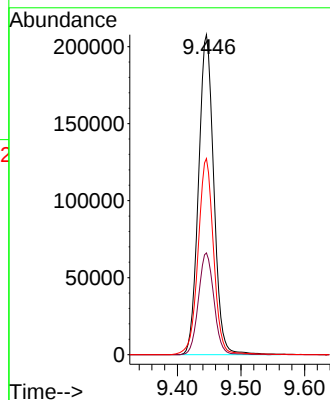
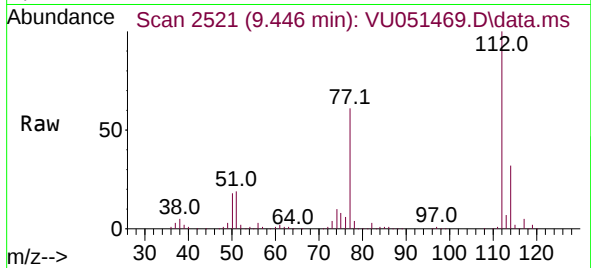




#51
Chlorobenzene
Concen: 32.334 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

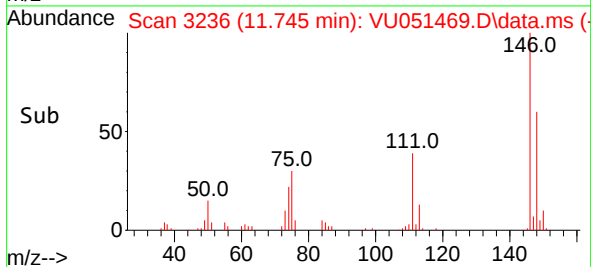
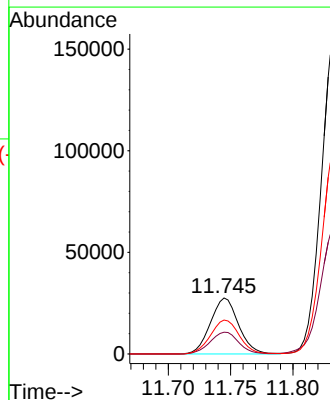
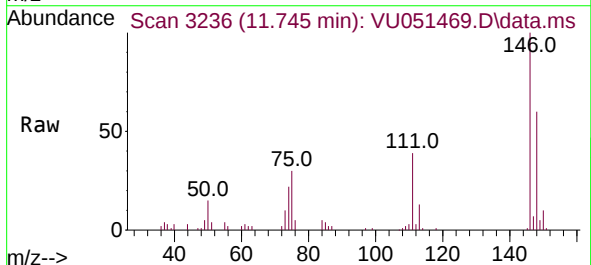
Instrument :
MSVOA_U
ClientSampleId :

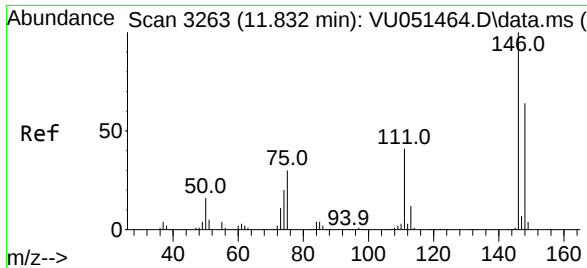
Tgt Ion:112 Resp: 346391
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 61.3 47.3 70.9



#64
1,3-Dichlorobenzene
Concen: 6.299 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

Tgt Ion:146 Resp: 43203
Ion Ratio Lower Upper
146 100
111 38.9 28.7 53.3
148 60.4 43.2 80.2

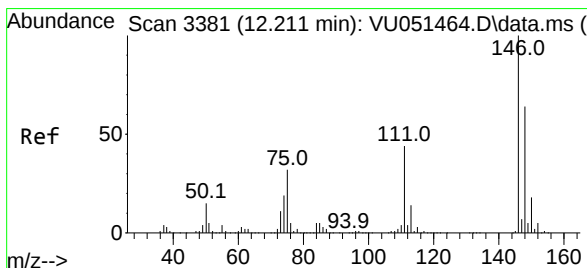
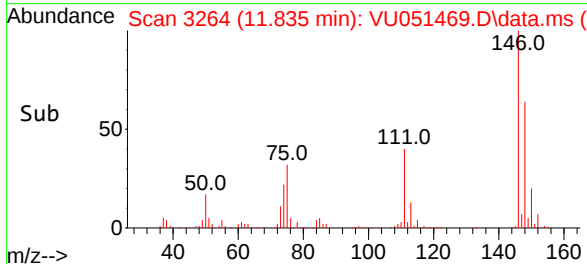
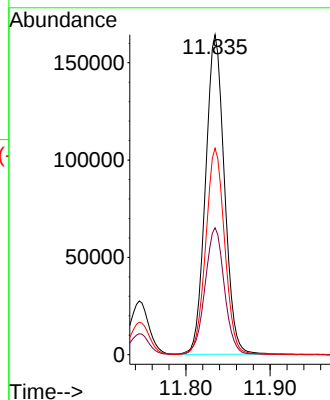
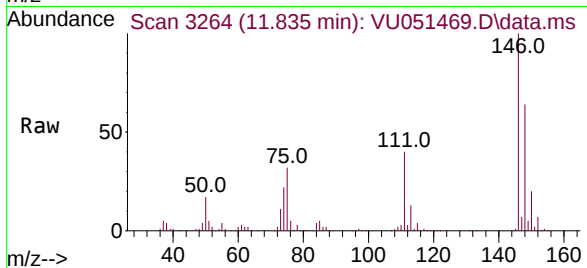




#65
1,4-Dichlorobenzene
Concen: 36.291 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

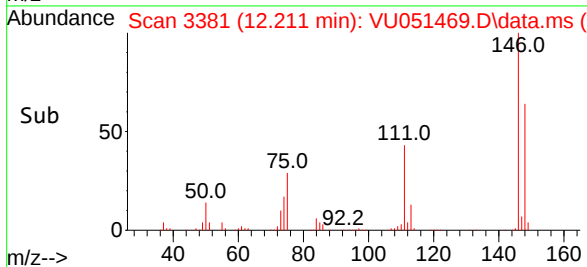
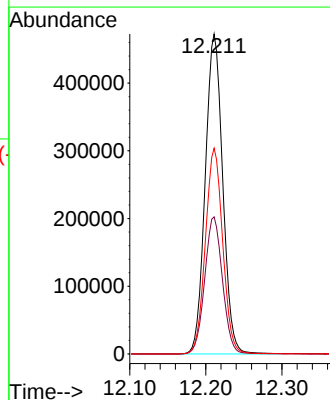
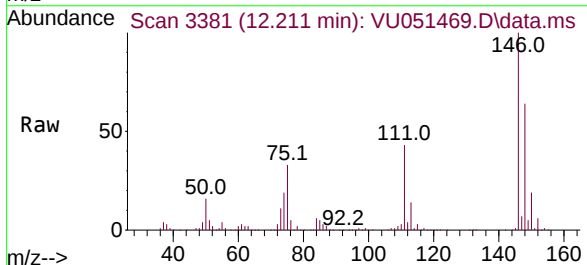
Instrument :
MSVOA_U
ClientSampleId :

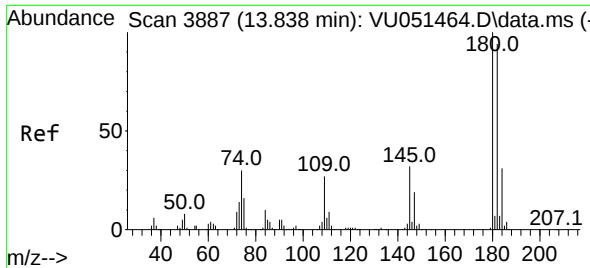
Tgt Ion:146 Resp: 255954
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 64.5 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 105.675 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

Tgt Ion:146 Resp: 754936
Ion Ratio Lower Upper
146 100
111 42.8 35.3 52.9
148 64.3 51.1 76.7

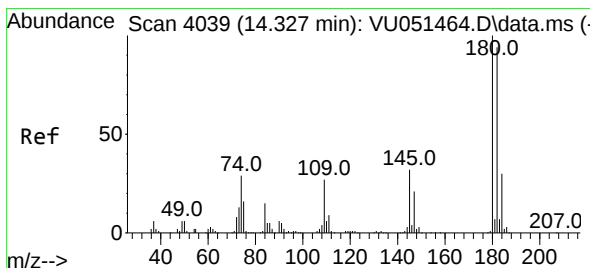
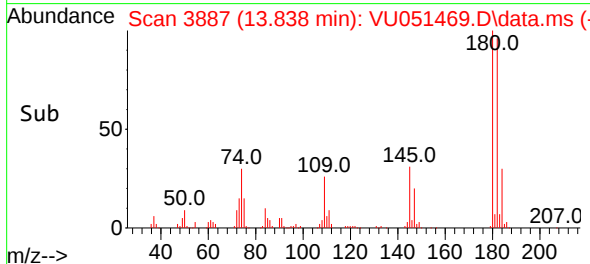
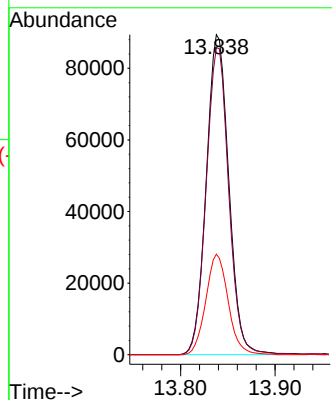
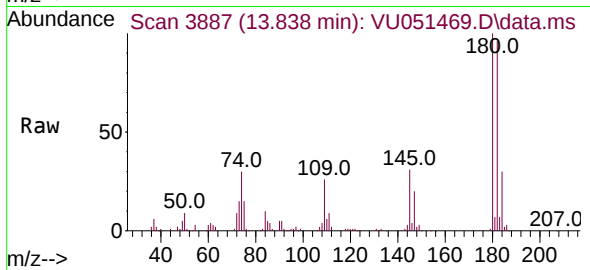




#70
1,2,4-trichlorobenzene
Concen: 41.827 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 148153
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 31.1 25.0 37.6



#72
1,2,3-Trichlorobenzene
Concen: 19.779 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051469.D
Acq: 20 Oct 2022 14:05

Tgt Ion:180 Resp: 75202
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 31.5 25.3 37.9

