

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048273.D
 Acq On : 25 Apr 2022 17:16
 Operator : SY/MD
 Sample : N2488-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ5

Quant Time: Apr 26 02:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

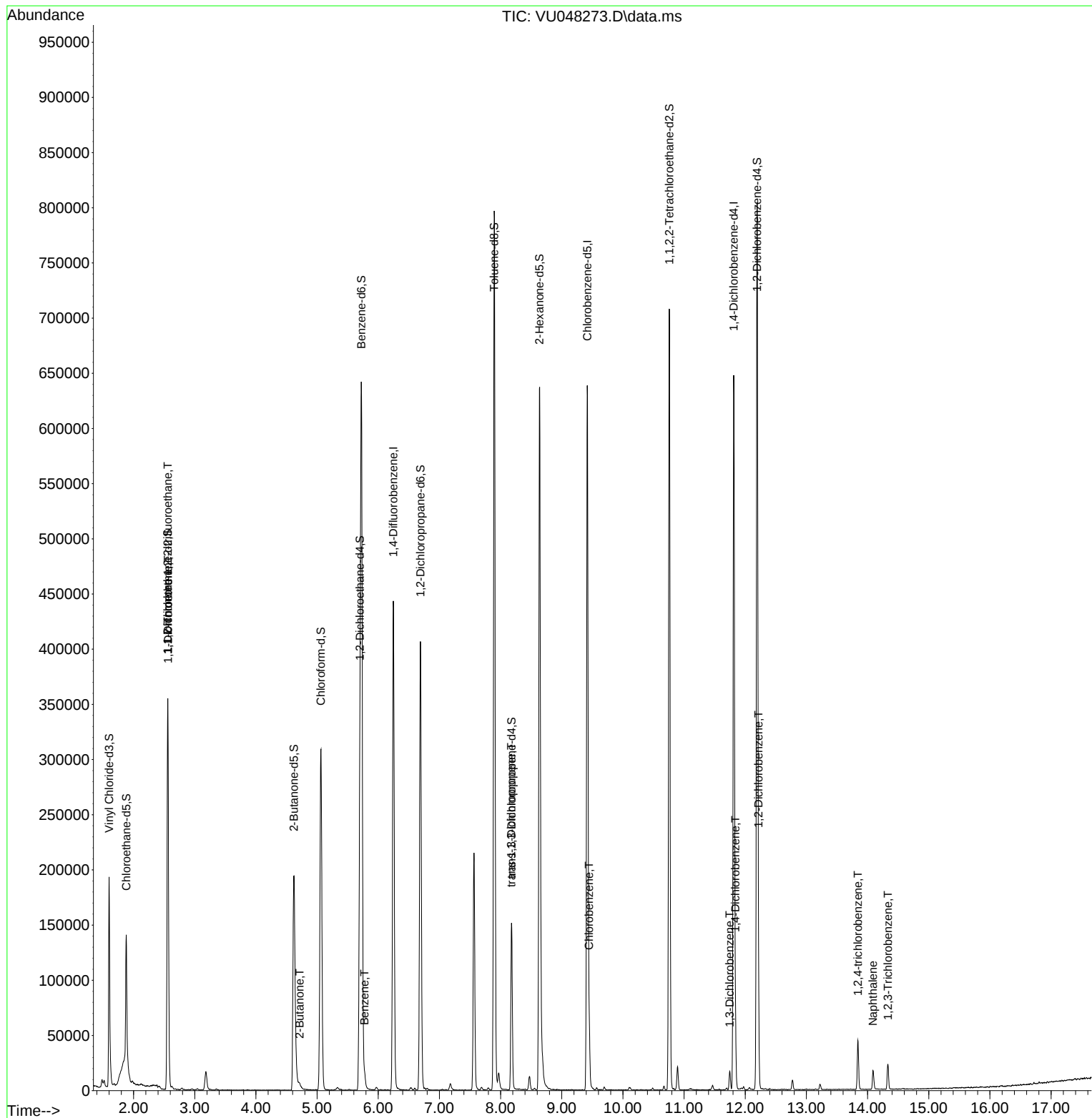
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	379734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	187350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	157393	45.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.140%			
7) Chloroethane-d5	1.880	69	122696	50.057	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.120%			
11) 1,1-Dichloroethene-d2	2.559	63	206615	36.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.860%			
21) 2-Butanone-d5	4.620	46	300652	100.948	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.950%			
24) Chloroform-d	5.060	84	295113	46.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.180%			
26) 1,2-Dichloroethane-d4	5.700	65	183113	48.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.460%			
32) Benzene-d6	5.726	84	614298	51.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.660%			
36) 1,2-Dichloropropane-d6	6.690	67	207850	52.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.060%			
41) Toluene-d8	7.896	98	541746	49.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.880%			
43) trans-1,3-Dichloroprop...	8.179	79	87157	49.923	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.840%			
47) 2-Hexanone-d5	8.636	63	235654	110.396	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.400%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	356435	51.367	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.740%			
66) 1,2-Dichlorobenzene-d4	12.195	152	225448	53.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.980%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2190	0.766	ug/L #	24
12) 1,1-Dichloroethene	2.562	96	1776	0.711	ug/L #	1
22) 2-Butanone	4.713	43	6836	2.418	ug/L	100
33) Benzene	5.774	78	11910	1.060	ug/L	100
44) trans-1,3-Dichloropropene	8.176	75	4071	0.927	ug/L	90
51) Chlorobenzene	9.446	112	30985	3.644	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	7850	1.337	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	24570	4.098	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	27441	4.435	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	15614	4.529	ug/L	99
71) Naphthalene	14.089	128	17032	1.726	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	8695	2.461	ug/L	99

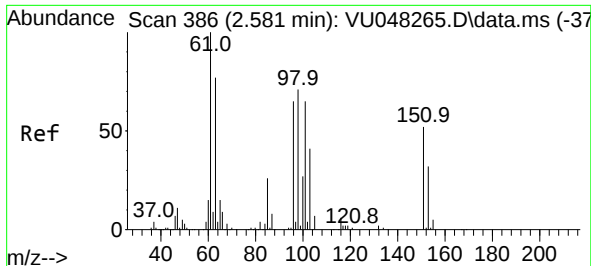
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.766 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.022 min

Lab File: VU048273.D

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Instrument :

MSVOA_U

ClientSampleId :

C0HZ5

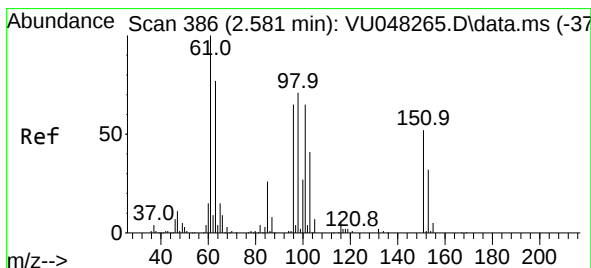
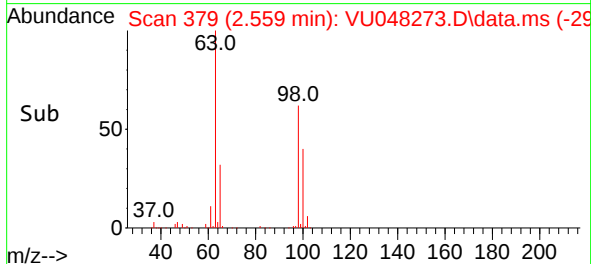
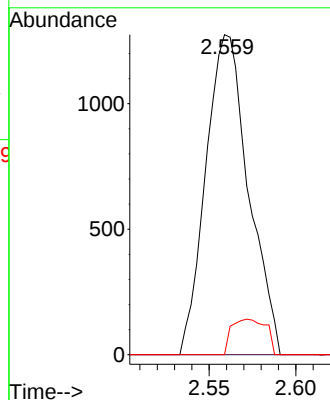
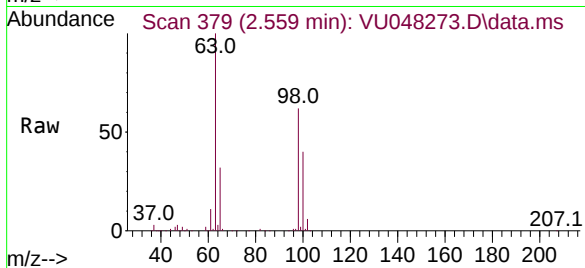
Tgt Ion:101 Resp: 2190

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 7.9 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.711 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

Lab File: VU048273.D

Acq: 25 Apr 2022 17:16

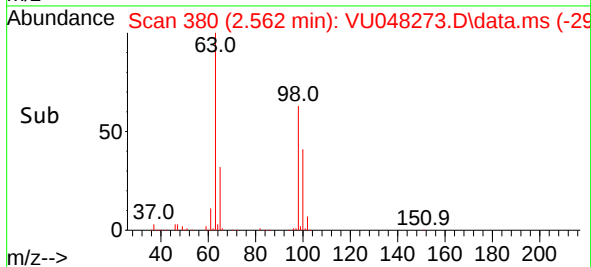
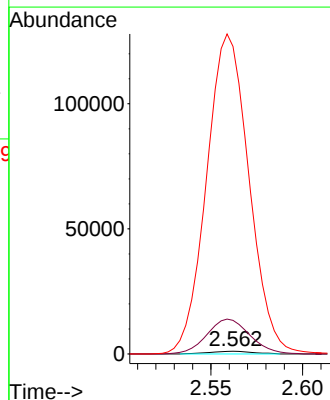
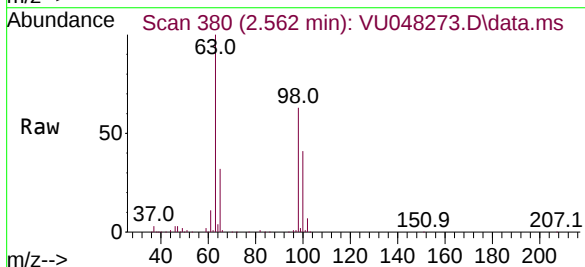
Tgt Ion: 96 Resp: 1776

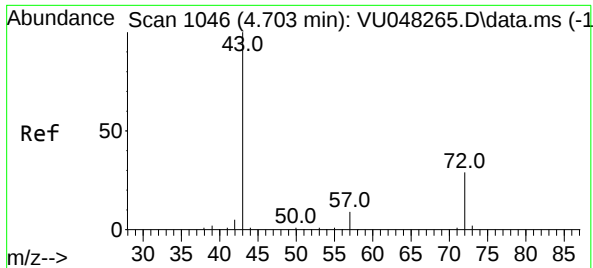
Ion Ratio Lower Upper

96 100

61 1267.5 107.9 200.3#

63 11585.3 80.3 149.1#

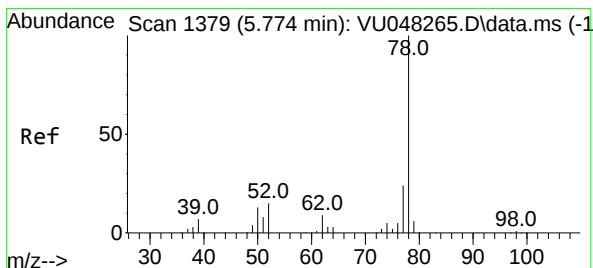
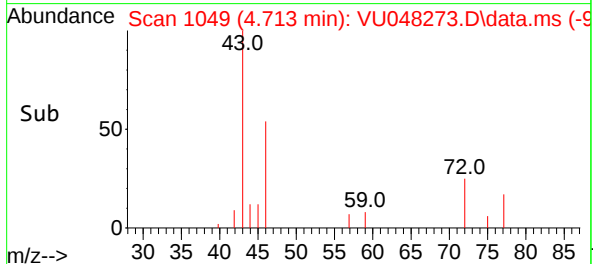
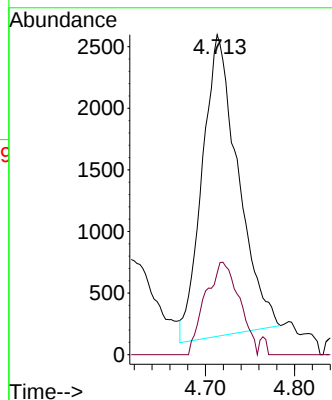
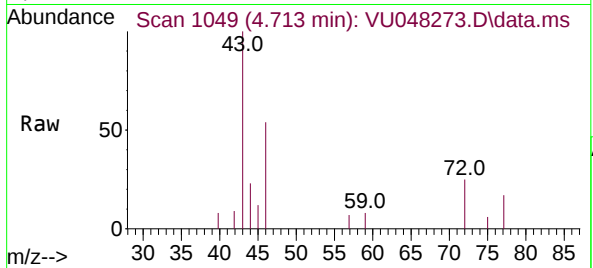




#22
2-Butanone
Concen: 2.418 ug/L
RT: 4.713 min Scan# 1046
Delta R.T. 0.010 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

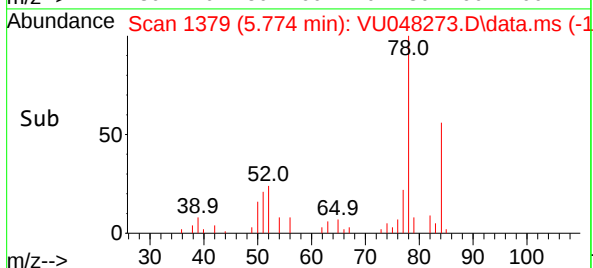
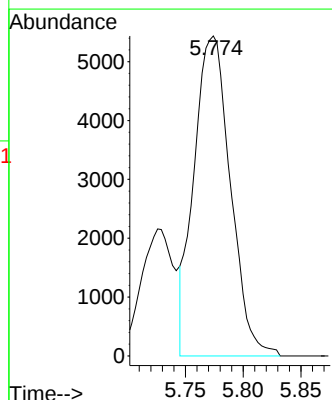
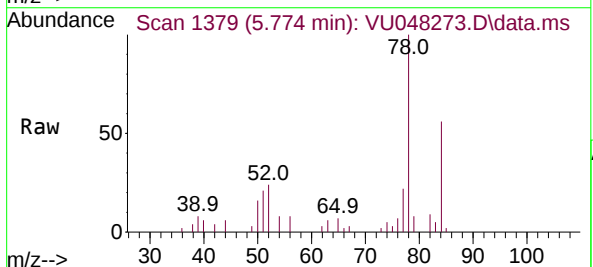
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

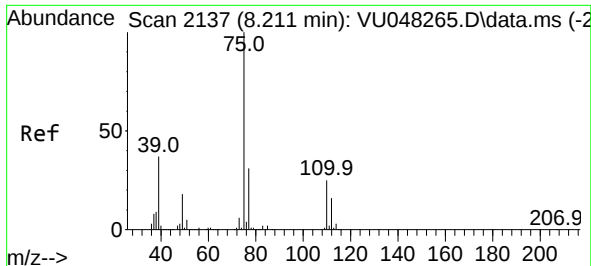
Tgt Ion: 43 Resp: 6836
Ion Ratio Lower Upper
43 100
72 29.1 14.6 43.8



#33
Benzene
Concen: 1.060 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion: 78 Resp: 11910

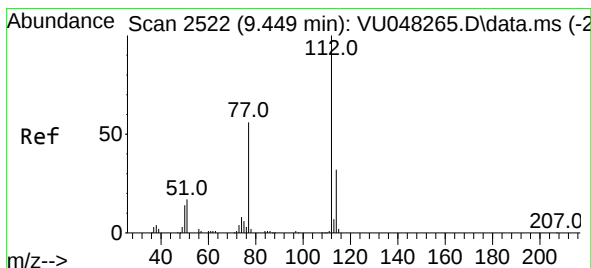
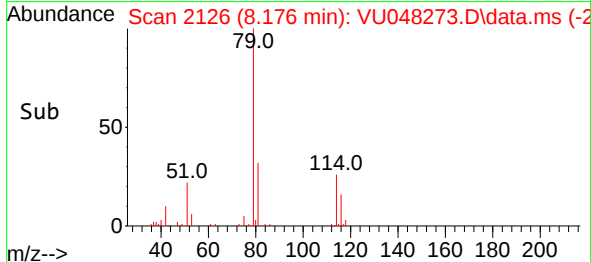
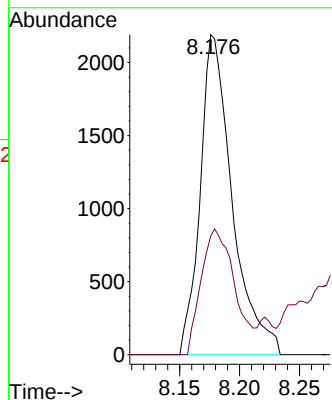
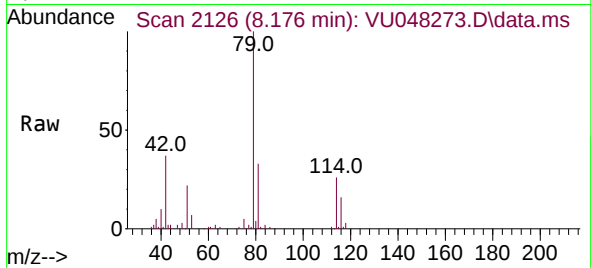




#44
trans-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

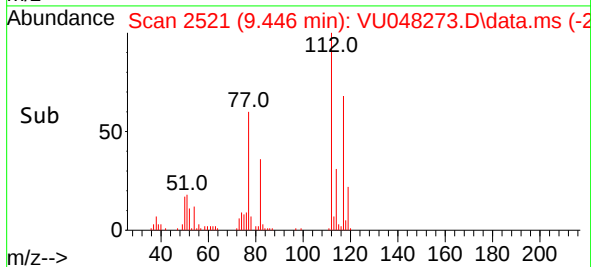
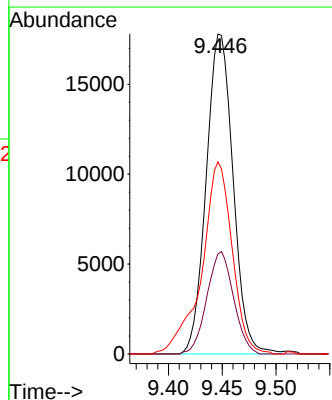
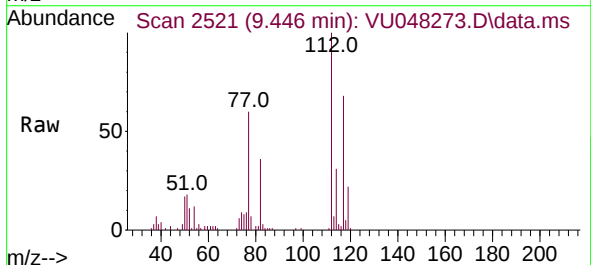
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

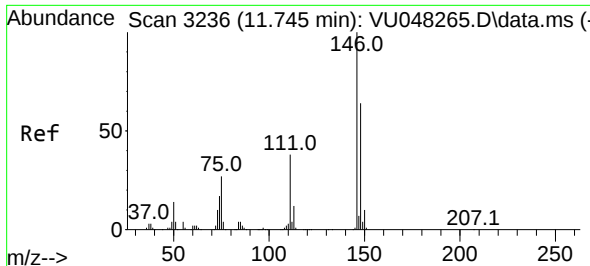
Tgt Ion: 75 Resp: 4071
Ion Ratio Lower Upper
75 100
77 37.1 22.1 41.1



#51
Chlorobenzene
Concen: 3.644 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion: 112 Resp: 30985
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 60.0 44.3 66.5

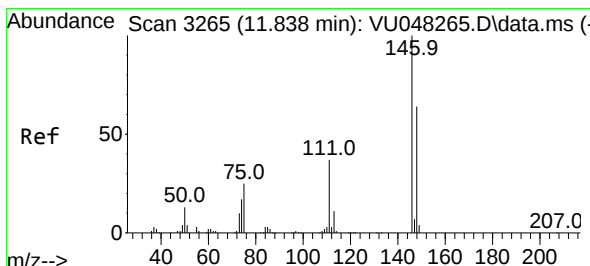
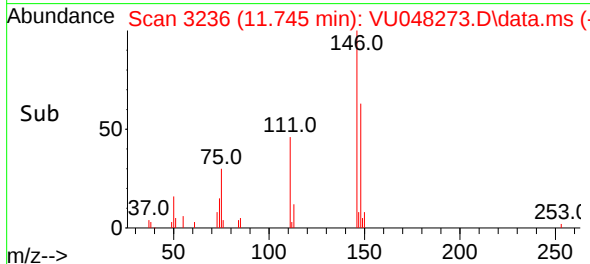
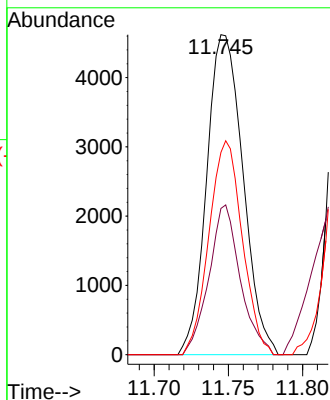
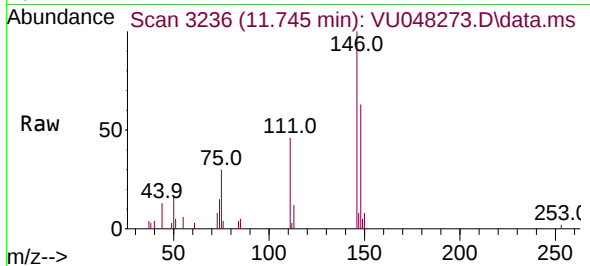




#64
1,3-Dichlorobenzene
Concen: 1.337 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

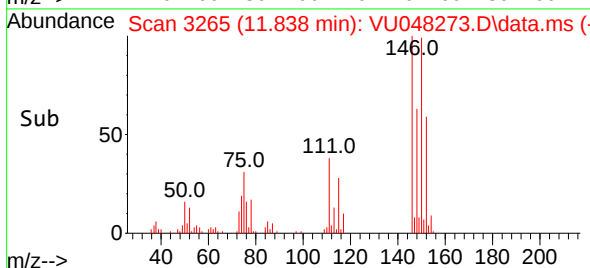
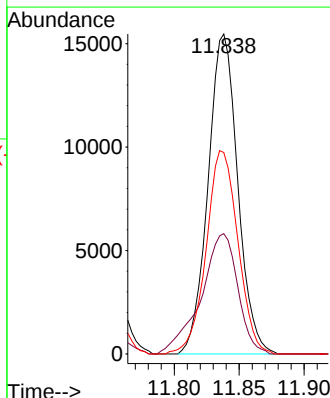
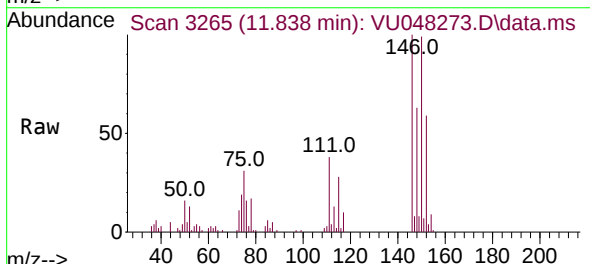
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ClientSampleId :
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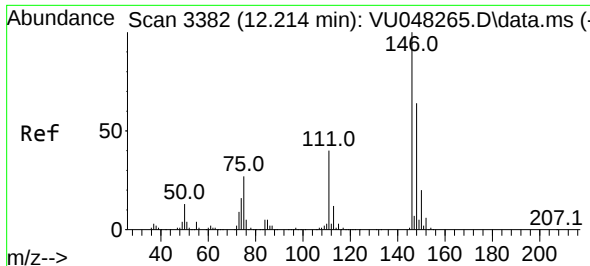
Tgt Ion:146 Resp: 7850
Ion Ratio Lower Upper
146 100
111 45.7 26.7 49.7
148 63.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.098 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion:146 Resp: 24570
Ion Ratio Lower Upper
146 100
111 37.6 25.9 48.1
148 62.9 45.1 83.7

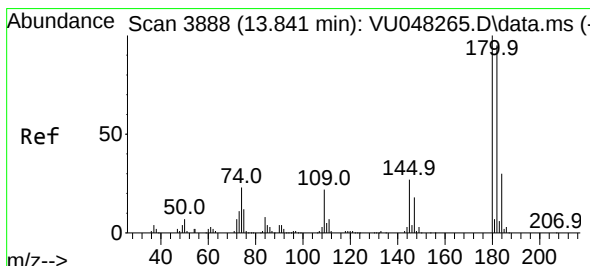
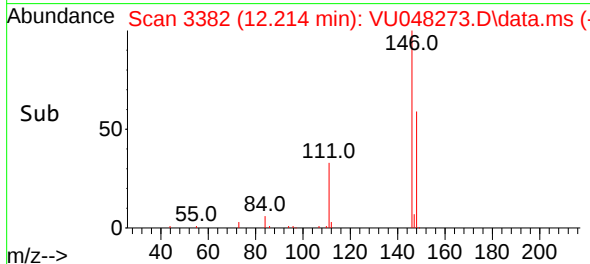
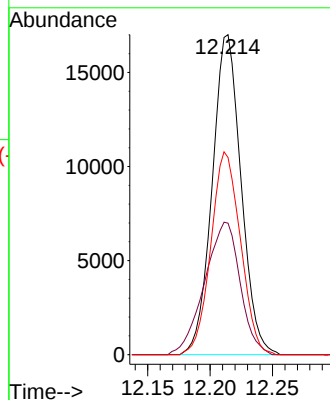
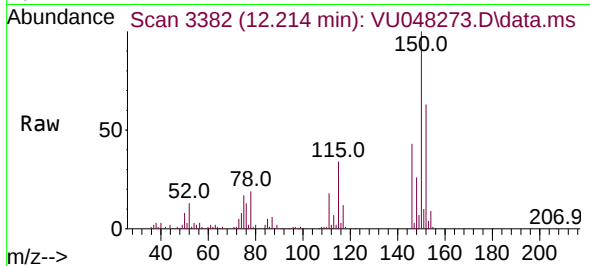




#67
1,2-Dichlorobenzene
Concen: 4.435 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

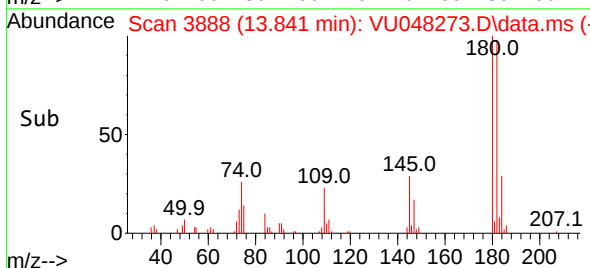
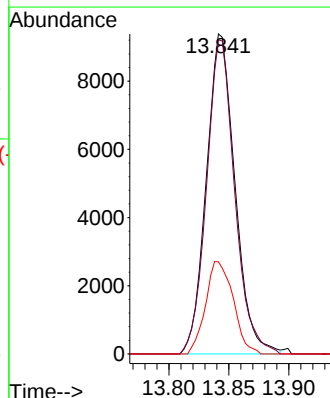
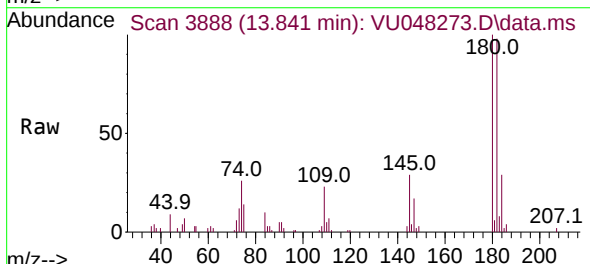
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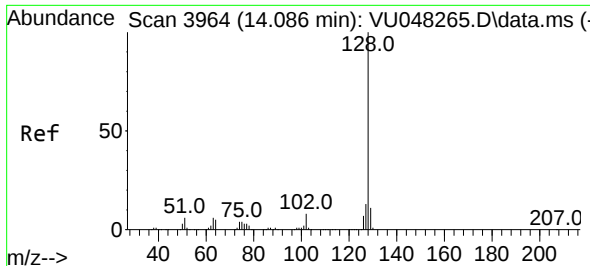
Tgt Ion:146 Resp: 27441
Ion Ratio Lower Upper
146 100
111 41.1 31.7 47.5
148 61.6 50.9 76.3



#70
1,2,4-trichlorobenzene
Concen: 4.529 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion:180 Resp: 15614
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 27.8 22.6 33.8

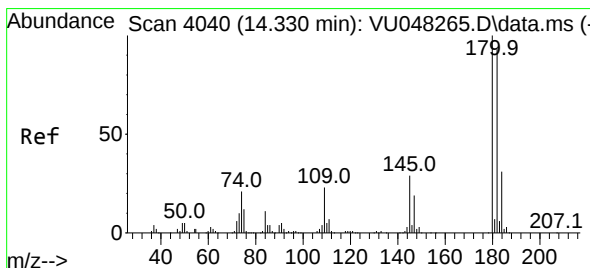
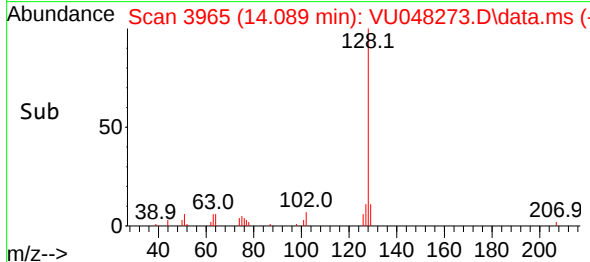
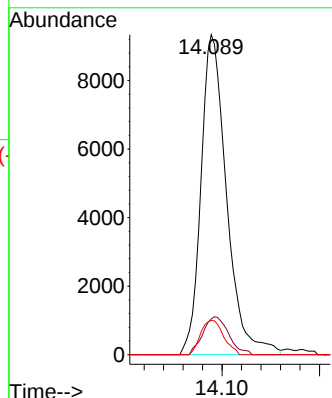
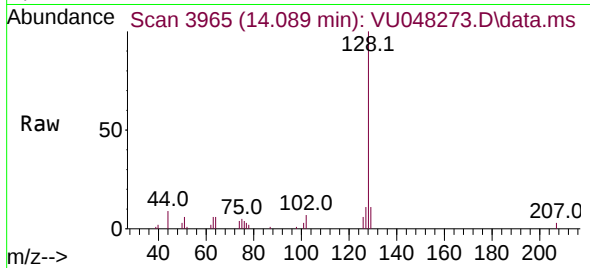




#71
Naphthalene
Concen: 1.726 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
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Tgt Ion:128 Resp: 17032
Ion Ratio Lower Upper
128 100
127 11.9 10.4 15.6
129 9.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.461 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion:180 Resp: 8695
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
145 27.9 23.5 35.3

