

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048173.D
 Acq On : 21 Apr 2022 15:19
 Operator : SY/MD
 Sample : N2486-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J51

Quant Time: Apr 22 01:51:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

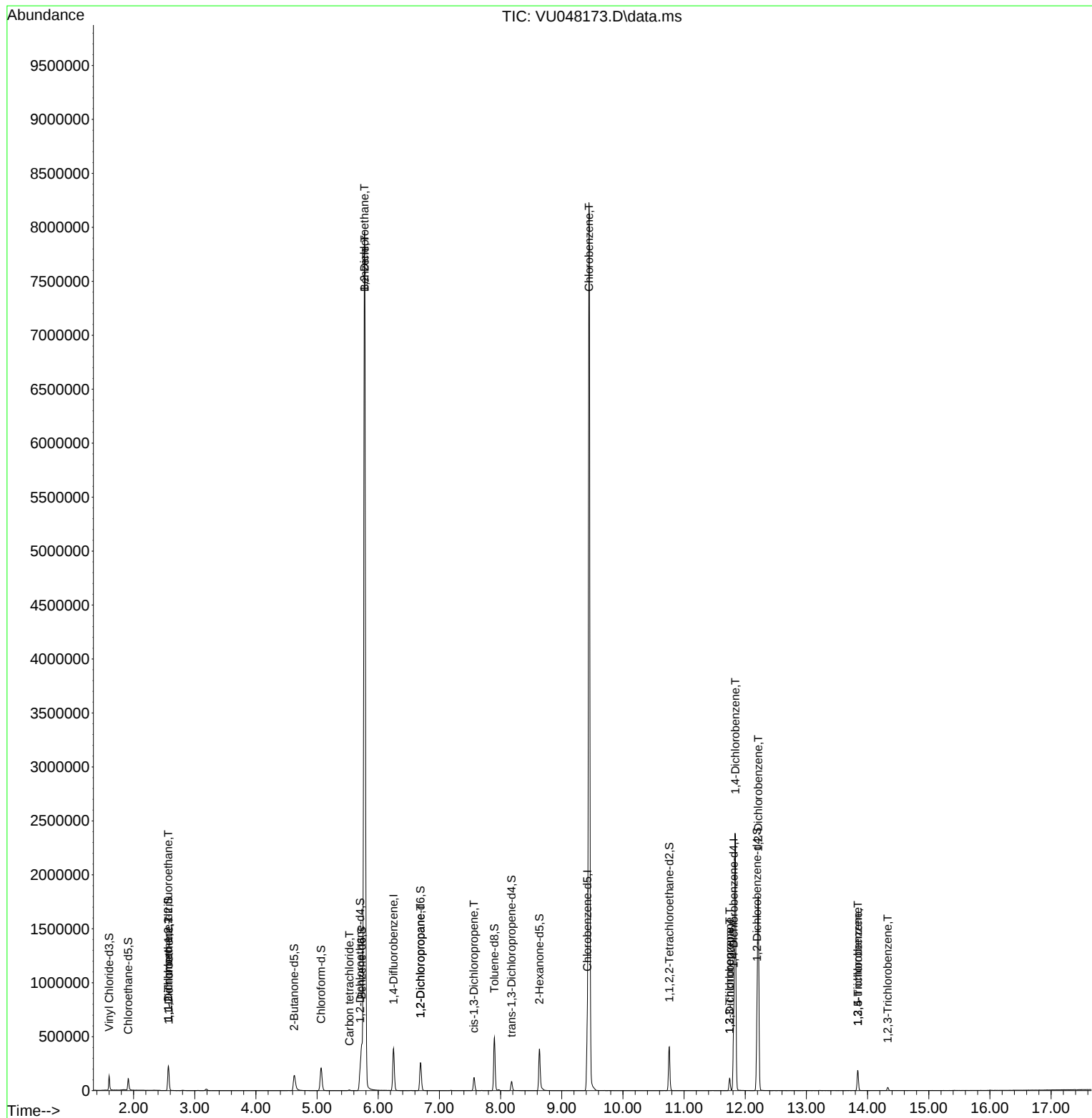
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328968	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100611	42.175	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.360%		
7) Chloroethane-d5	1.913	69	86341	45.901	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.800%		
11) 1,1-Dichloroethene-d2	2.568	63	133181	30.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.020%		
21) 2-Butanone-d5	4.626	46	190725	93.147	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.150%		
24) Chloroform-d	5.067	84	196993	45.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.260%		
26) 1,2-Dichloroethane-d4	5.703	65	123181	46.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
32) Benzene-d6	5.729	84	397945	47.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
36) 1,2-Dichloropropane-d6	6.690	67	132695	51.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.680%		
41) Toluene-d8	7.899	98	334704	41.217	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.440%		
43) trans-1,3-Dichloroprop...	8.179	79	48518	37.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.820%		
47) 2-Hexanone-d5	8.636	63	130865	87.334	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.330%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201818	45.942	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.880%		
66) 1,2-Dichlorobenzene-d4	12.192	152	152994	51.049	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1232	0.508	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1094	0.485	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	60647	17.369	ug/L #	75
31) Carbon tetrachloride	5.530	117	4613	1.360	ug/L	97
33) Benzene	5.777	78	7723679	805.583	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12826	5.262	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2826	0.747	ug/L #	50
51) Chlorobenzene	9.446	112	4649739	650.954	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	12584	3.963	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	49747	9.831	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	991705	189.202	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	732928	144.751	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	64836	15.776	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	64836	18.011	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	10414	2.886	ug/L	98

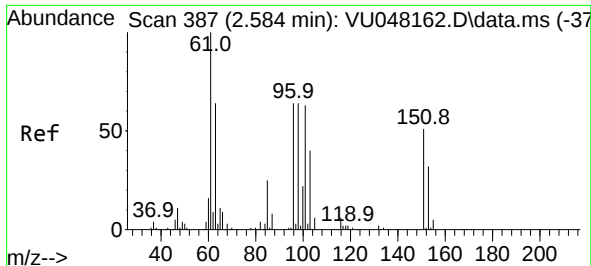
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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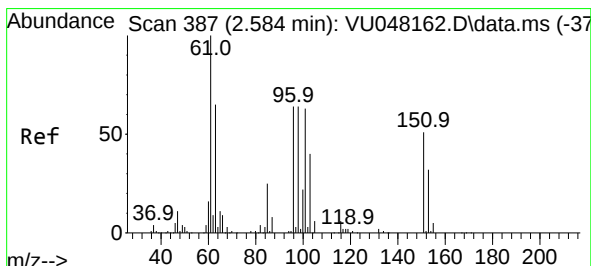
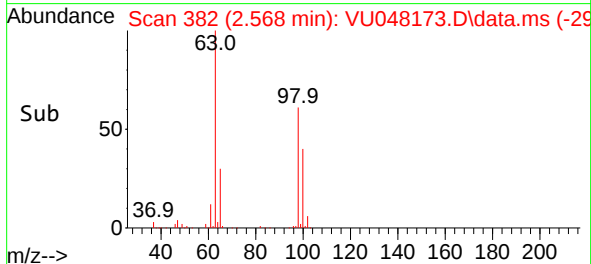
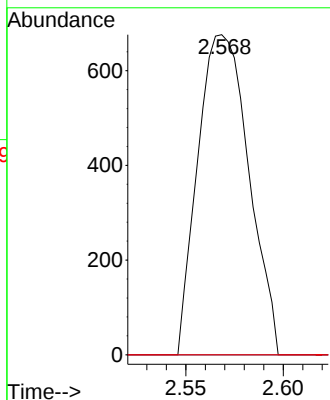
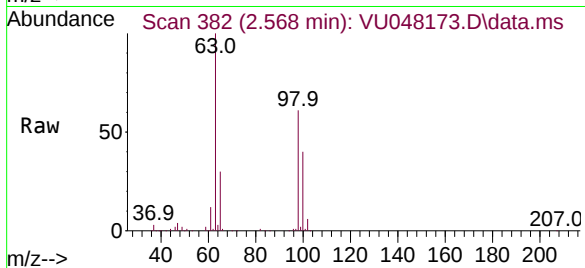




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.508 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

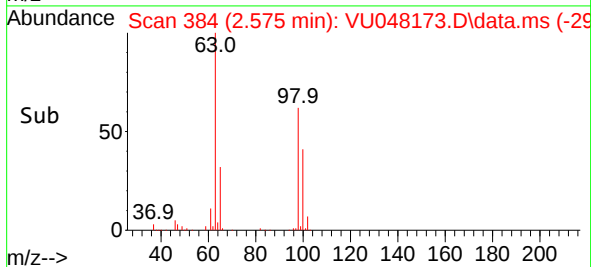
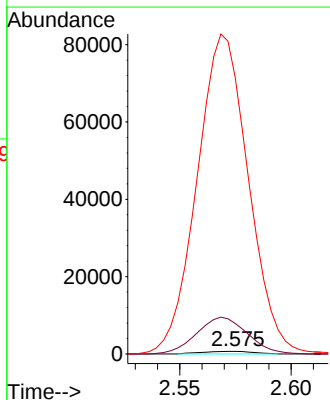
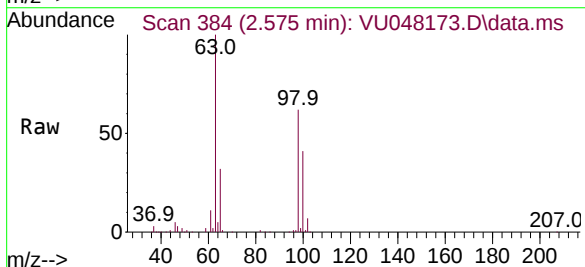
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 MSVOA_U
 ClientSampleId :
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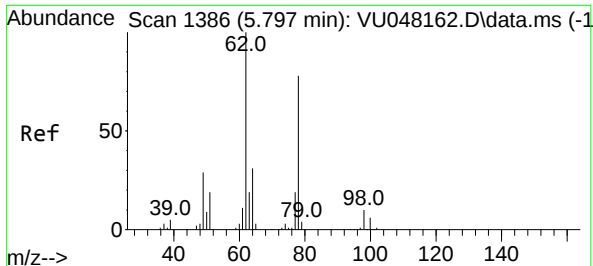
Tgt Ion:101 Resp: 1232
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.485 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

Tgt Ion: 96 Resp: 1094
 Ion Ratio Lower Upper
 96 100
 61 1163.3 113.1 210.1#
 63 10522.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 17.369 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.022 min

Lab File: VU048173.D

Acq: 21 Apr 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

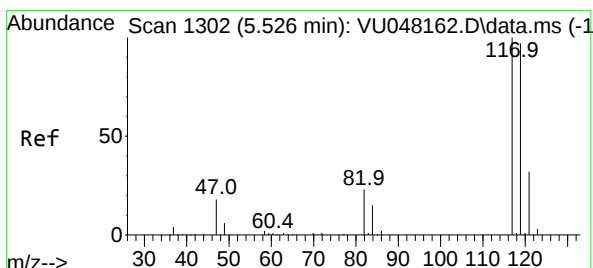
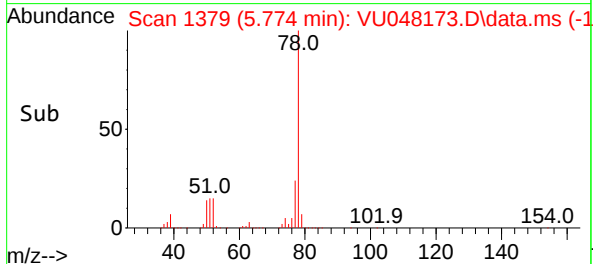
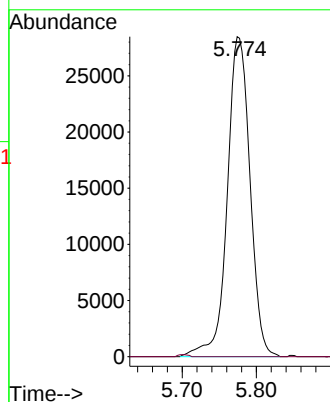
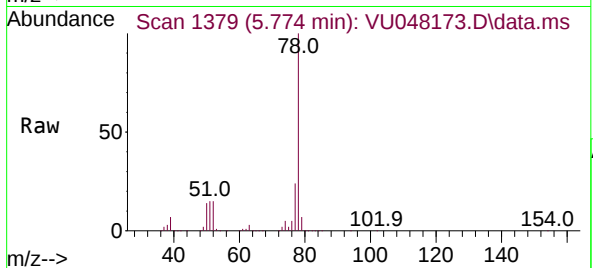
C0J51

Tgt Ion: 62 Resp: 60647

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#31

Carbon tetrachloride

Concen: 1.360 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU048173.D

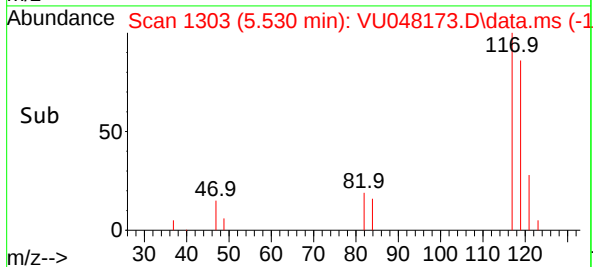
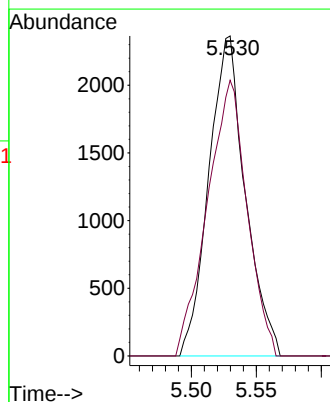
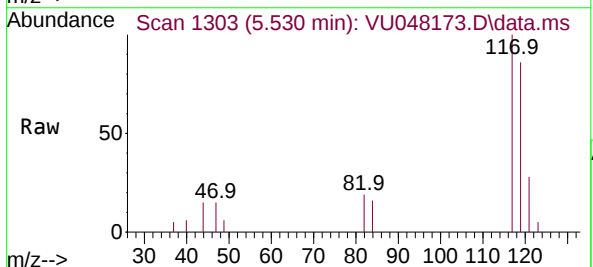
Acq: 21 Apr 2022 15:19

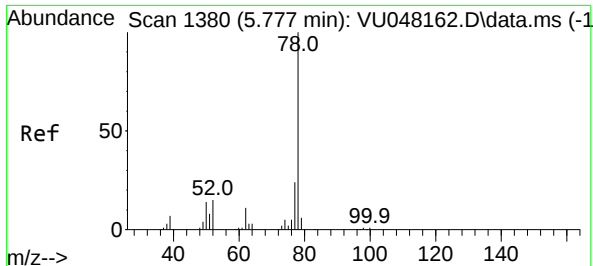
Tgt Ion: 117 Resp: 4613

Ion Ratio Lower Upper

117 100

119 93.4 77.2 115.8

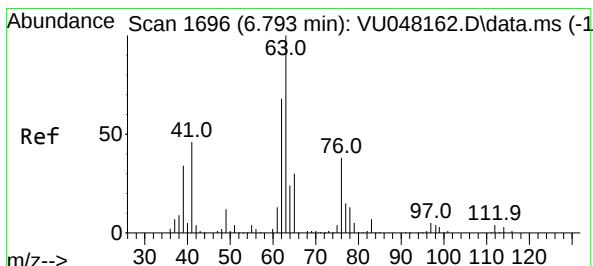
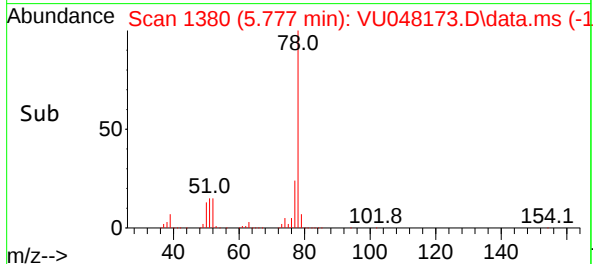
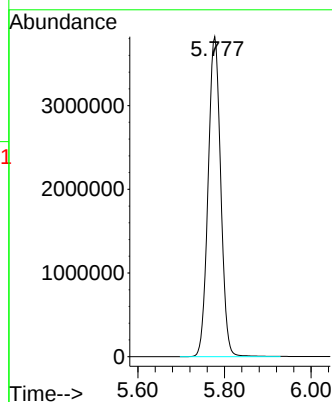
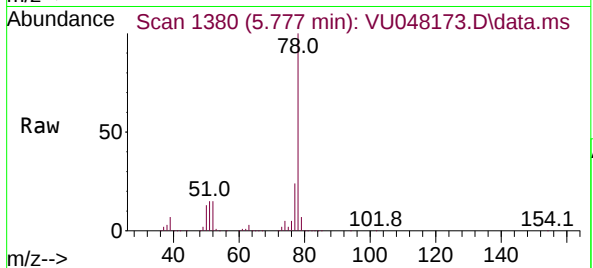




#33
Benzene
Concen: 805.583 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19

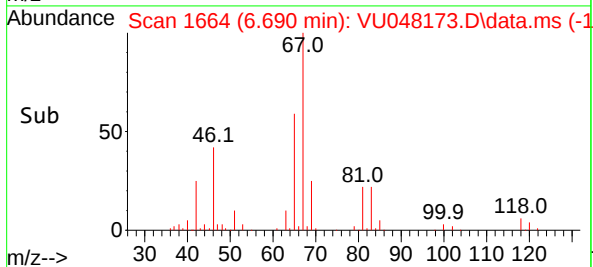
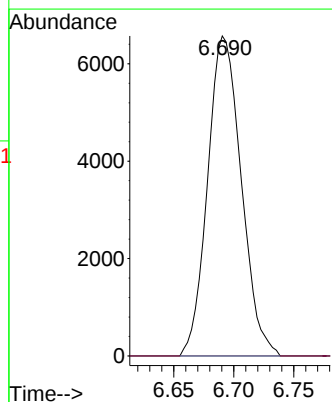
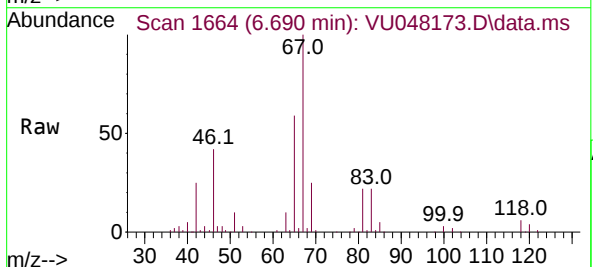
Instrument :
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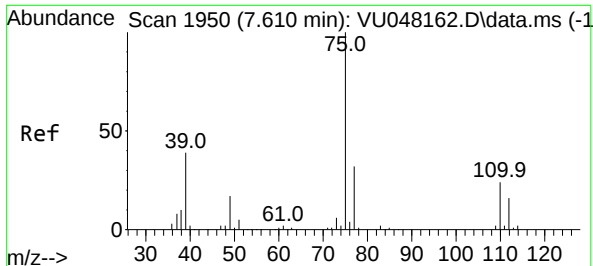
Tgt Ion: 78 Resp: 7723679



#37
1,2-Dichloropropane
Concen: 5.262 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19

Tgt Ion: 63 Resp: 12826
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

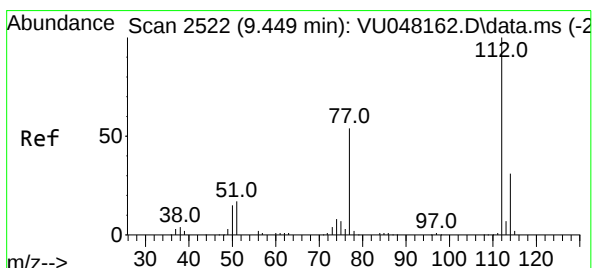
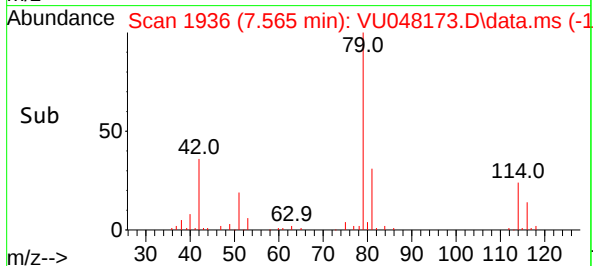
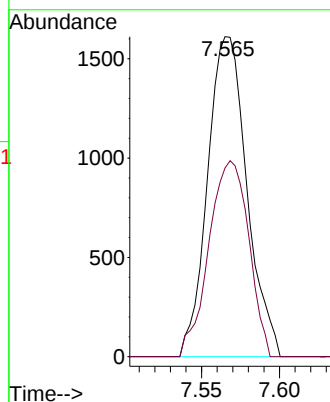
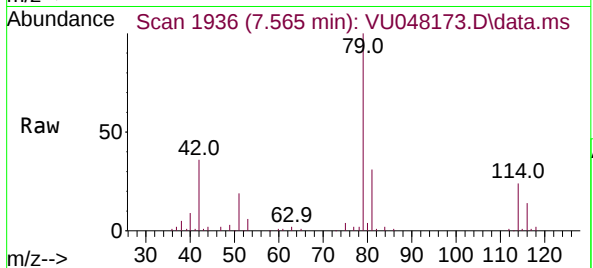




#39
 cis-1,3-Dichloropropene
 Concen: 0.747 ug/L
 RT: 7.565 min Scan# 1950
 Delta R.T. -0.045 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

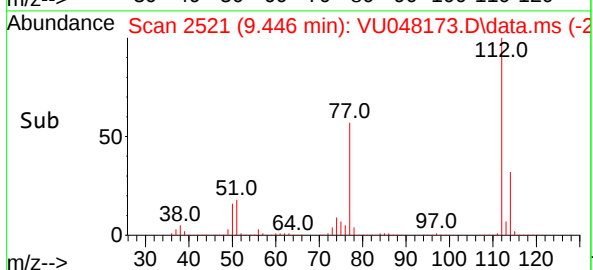
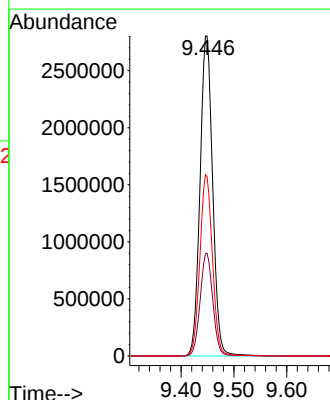
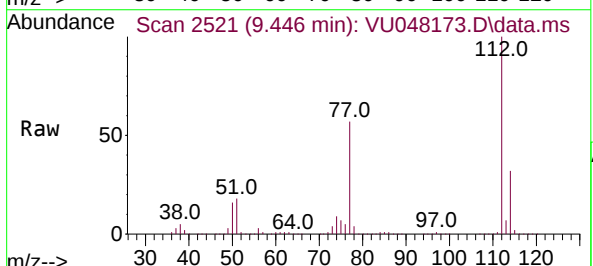
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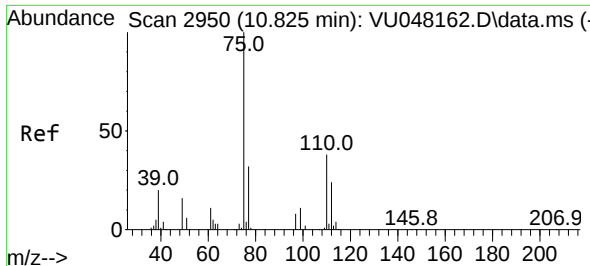
Tgt Ion: 75 Resp: 2826
 Ion Ratio Lower Upper
 75 100
 77 59.0 21.8 40.6#



#51
 Chlorobenzene
 Concen: 650.954 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. -0.003 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

Tgt Ion: 112 Resp: 4649739
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.1 41.1
 77 56.7 43.4 65.0

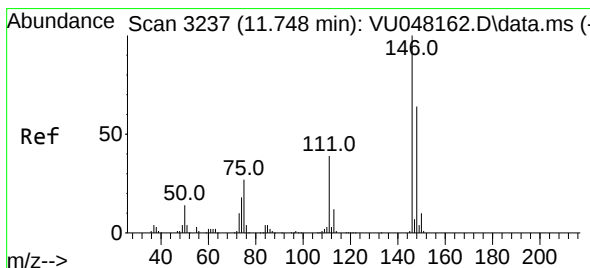
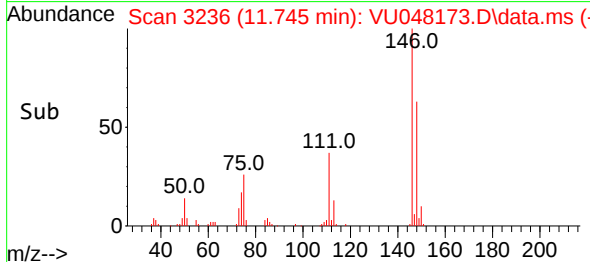
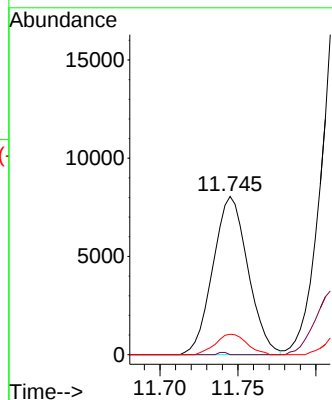
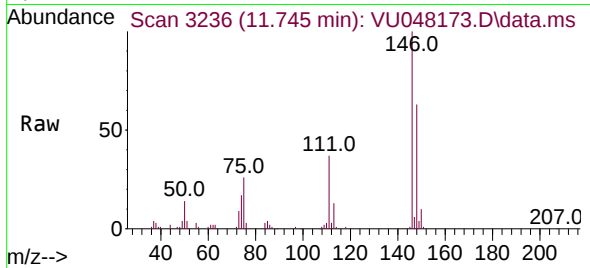




#60
1,2,3-Trichloropropane
Concen: 3.963 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.920 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19

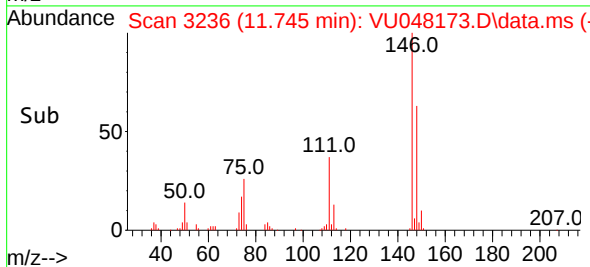
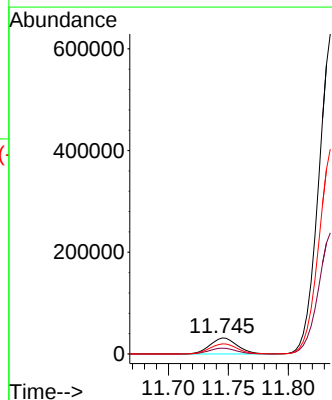
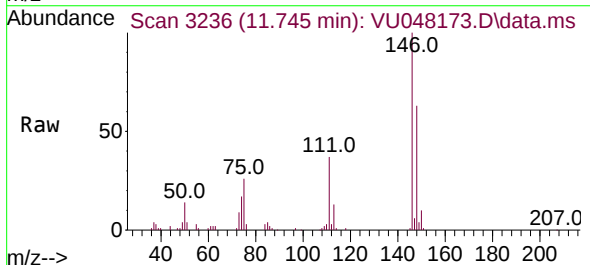
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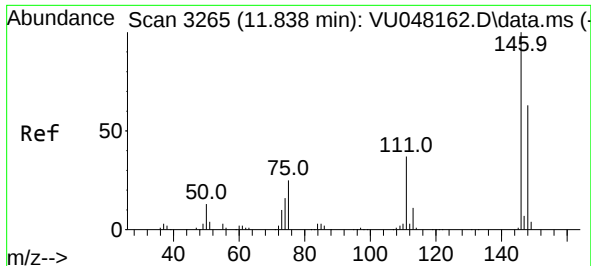
Tgt Ion: 75 Resp: 12584
Ion Ratio Lower Upper
75 100
77 0.3 26.0 39.0#
110 11.5 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 9.831 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19

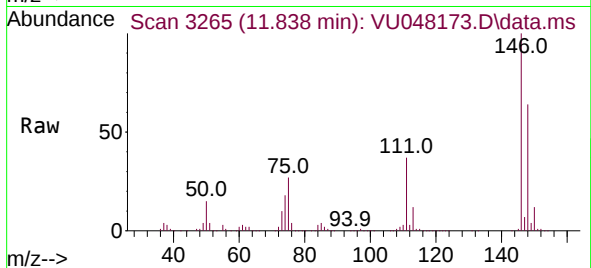
Tgt Ion: 146 Resp: 49747
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 63.1 44.4 82.5



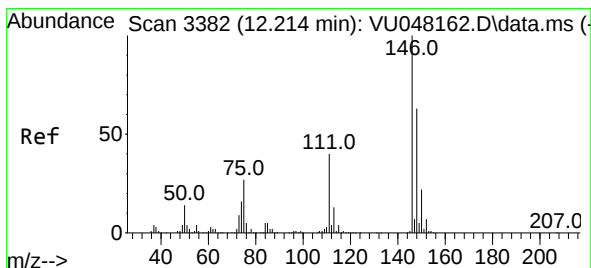
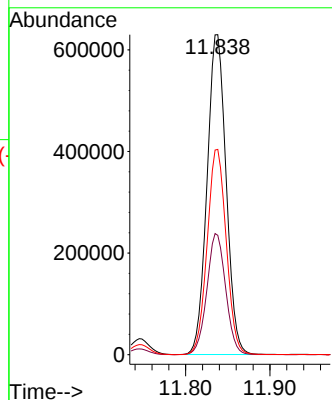
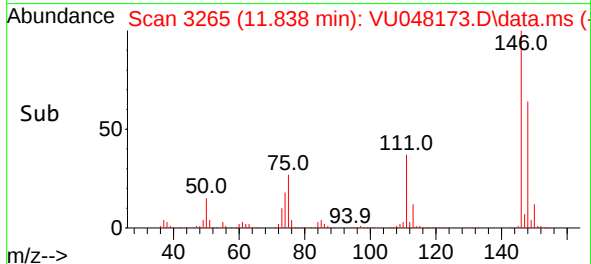


#65
1,4-Dichlorobenzene
Concen: 189.202 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19

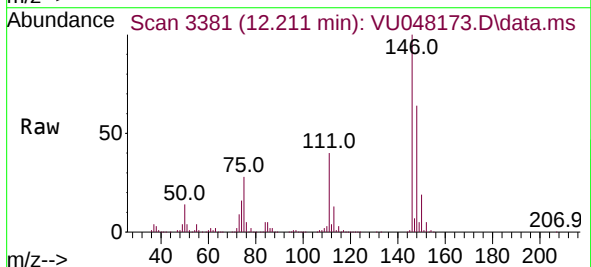
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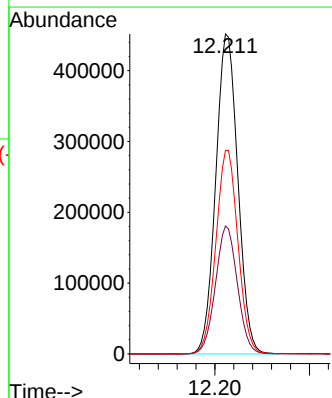
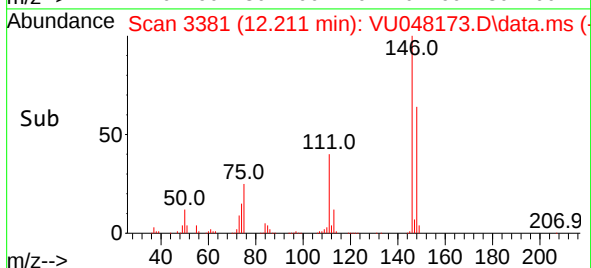
Tgt Ion:146 Resp: 991705
Ion Ratio Lower Upper
146 100
111 37.3 25.3 47.1
148 64.2 44.5 82.7

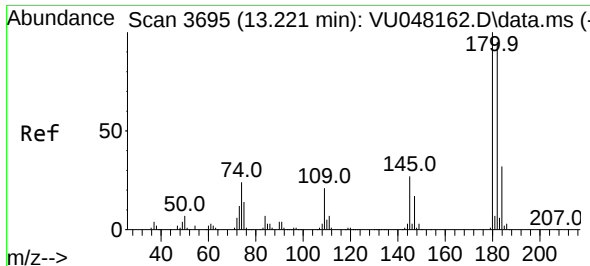


#67
1,2-Dichlorobenzene
Concen: 144.751 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048173.D
Acq: 21 Apr 2022 15:19



Tgt Ion:146 Resp: 732928
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 63.6 51.4 77.2

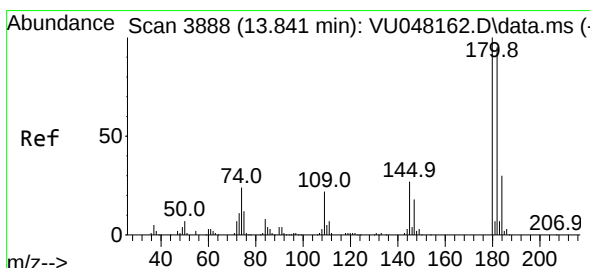
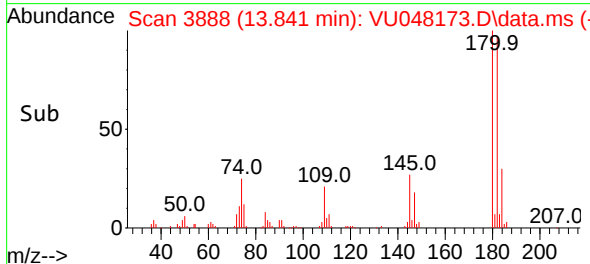
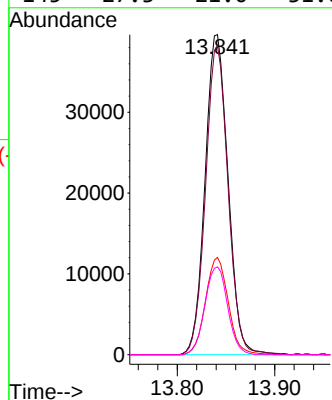
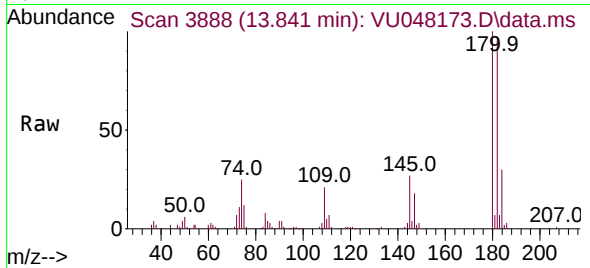




#69
 1,3,5-Trichlorobenzene
 Concen: 15.776 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

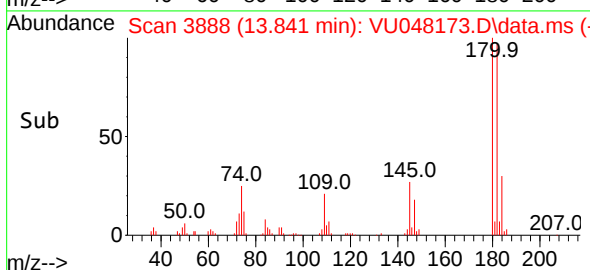
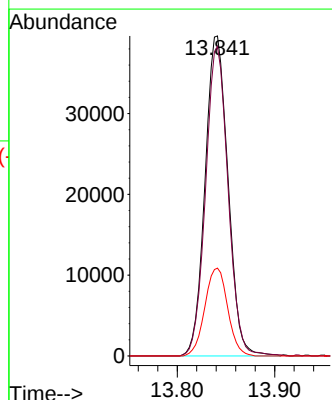
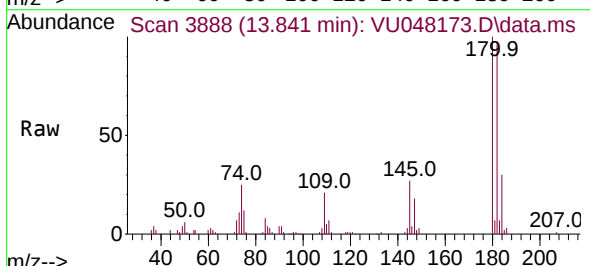
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J51

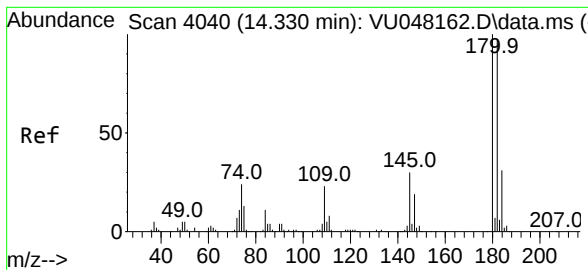
Tgt Ion:	180	Resp:	64836
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.0	115.6
184	30.1	24.5	36.7
145	27.3	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 18.011 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

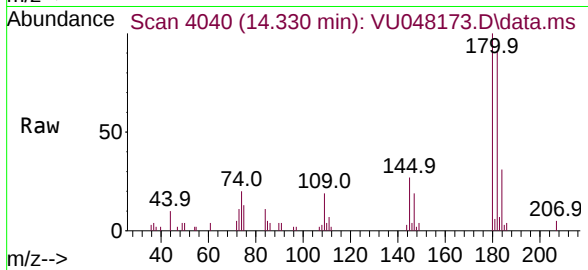
Tgt Ion:	180	Resp:	64836
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.2	114.2
145	27.3	21.8	32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.886 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048173.D
 Acq: 21 Apr 2022 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J51



Tgt Ion:	180	Resp:	10414
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.4	116.0
145	28.8	22.8	34.2

