

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048245.D
 Acq On : 23 Apr 2022 14:51
 Operator : SY/MD
 Sample : N2488-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

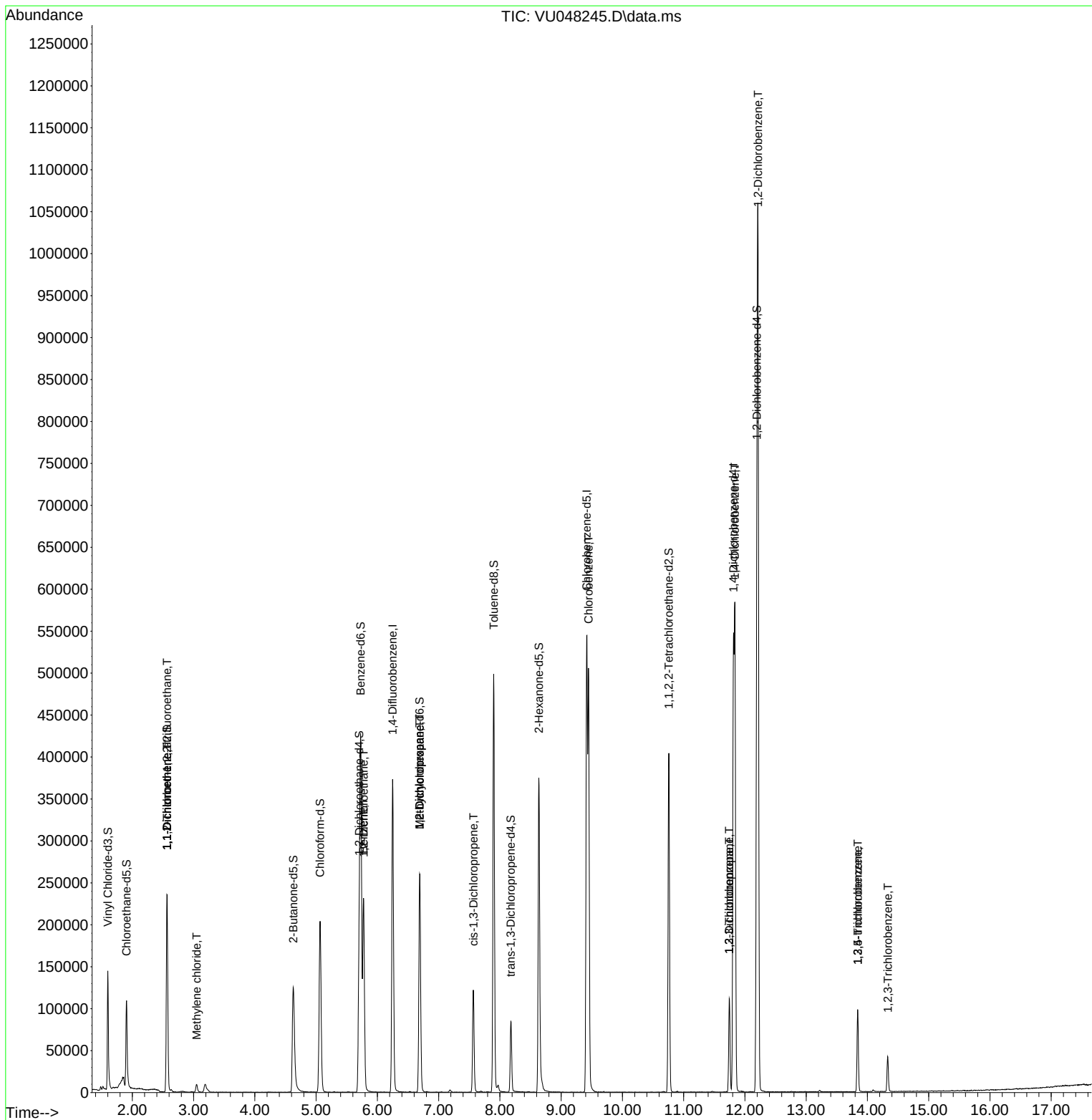
Quant Time: Apr 25 01:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

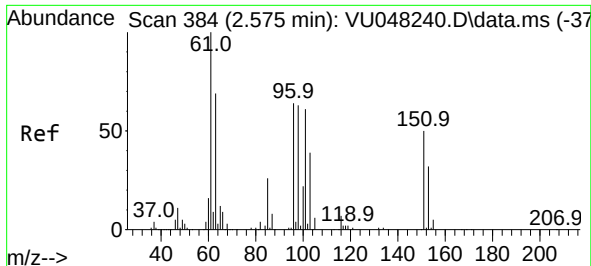
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320844	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	315462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111313	47.843	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.680%		
7) Chloroethane-d5	1.906	69	87108	47.482	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.960%		
11) 1,1-Dichloroethene-d2	2.565	63	137279	32.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.500%		
21) 2-Butanone-d5	4.626	46	188517	94.400	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.400%		
24) Chloroform-d	5.063	84	193792	45.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.040%		
26) 1,2-Dichloroethane-d4	5.703	65	122459	46.901	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
32) Benzene-d6	5.729	84	406792	51.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.500%		
36) 1,2-Dichloropropane-d6	6.690	67	133521	54.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.540%		
41) Toluene-d8	7.899	98	339854	43.944	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.880%		
43) trans-1,3-Dichloroprop...	8.179	79	47037	38.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.180%		
47) 2-Hexanone-d5	8.636	63	124466	87.217	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.220%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201126	48.074	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	137565	53.882	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1241	0.525	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1135	0.516	ug/L #	1
16) Methylene chloride	3.051	84	5116	2.026	ug/L	94
27) 1,2-Dichloroethane	5.777	62	1968	0.578	ug/L #	75
33) Benzene	5.774	78	225441	24.689	ug/L	100
35) Methylcyclohexane	6.690	83	29533	8.109	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13037	5.616	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2703	0.750	ug/L #	45
51) Chlorobenzene	9.446	112	276493	40.644	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	12698	4.694	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	48563	11.266	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	228981	51.283	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	406855	94.326	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	33190	9.480	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	33190	10.823	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	14914	4.852	ug/L	95

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

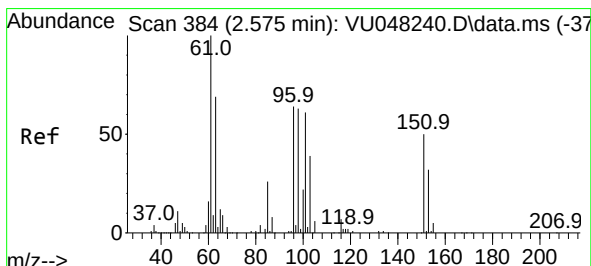
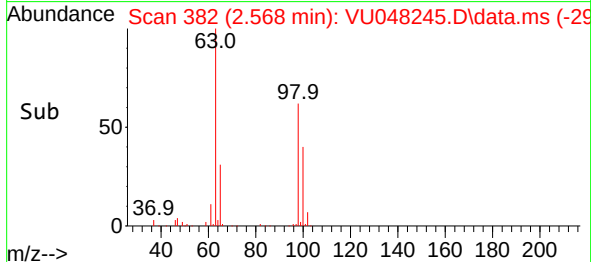
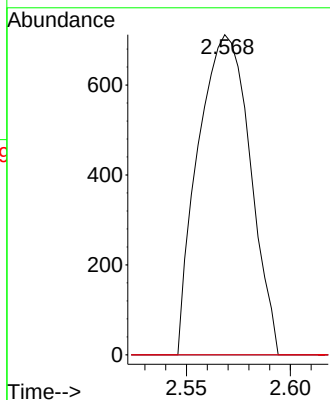
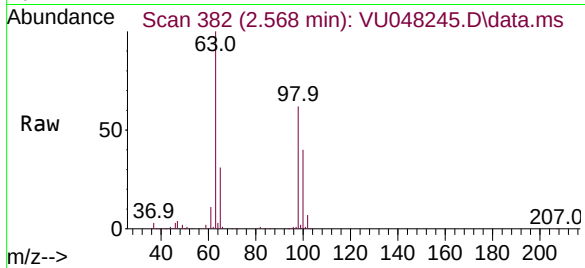
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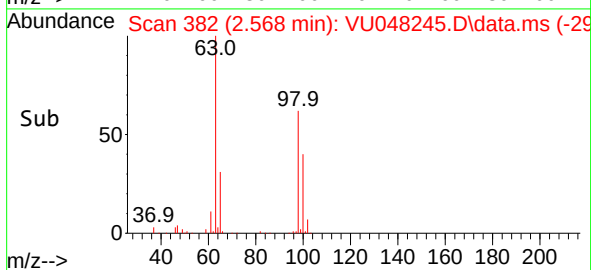
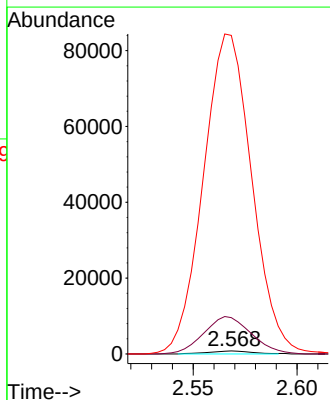
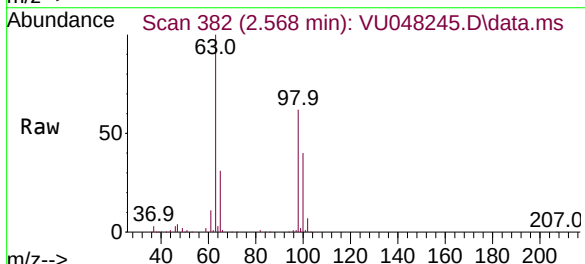
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.525 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU048245.D
 Acq: 23 Apr 2022 14:51

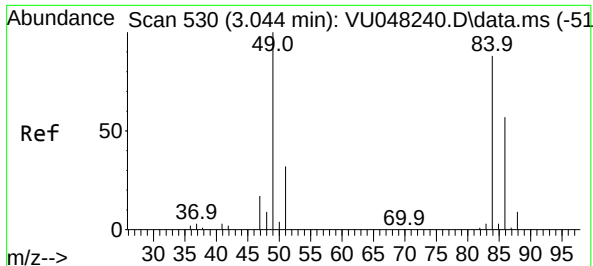
Tgt Ion:101 Resp: 1241
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.516 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU048245.D
 Acq: 23 Apr 2022 14:51

Tgt Ion: 96 Resp: 1135
 Ion Ratio Lower Upper
 96 100
 61 1193.8 113.1 210.1#
 63 10476.8 94.8 176.0#

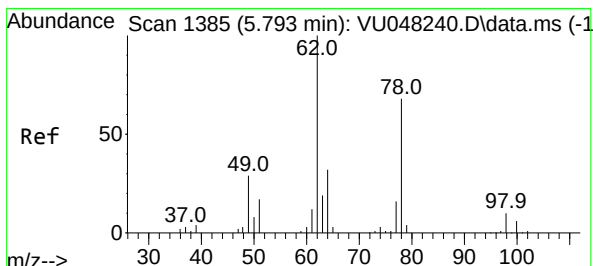
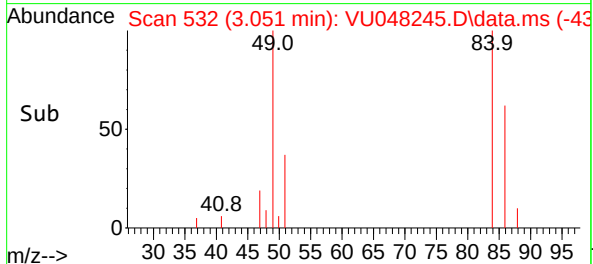
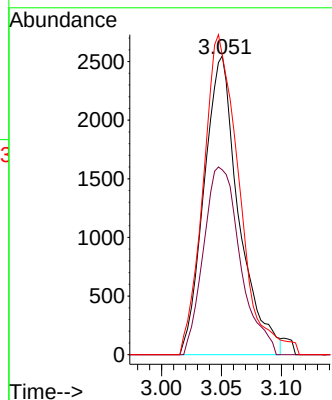
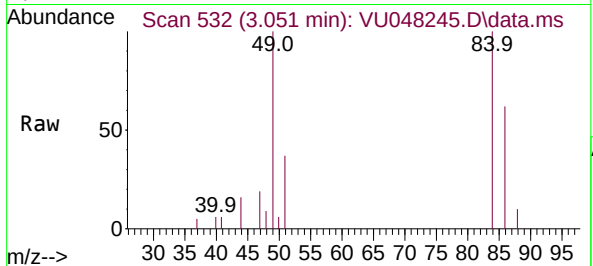




#16
Methylene chloride
Concen: 2.026 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.007 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

Tgt Ion: 84 Resp: 5116

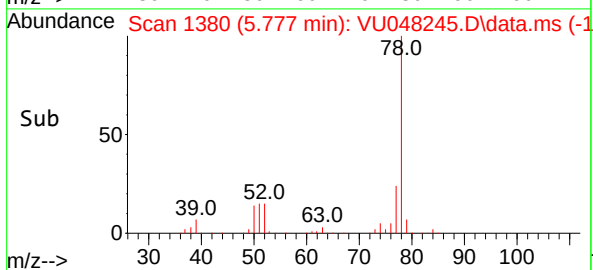
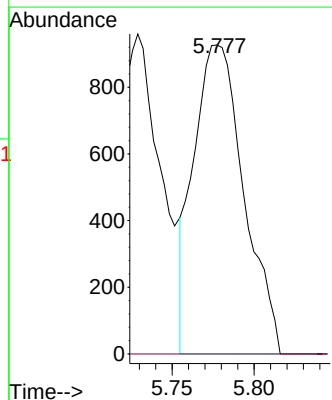
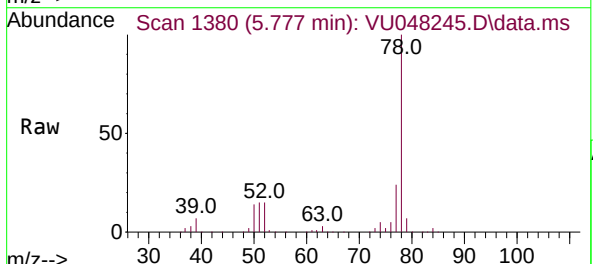
Ion	Ratio	Lower	Upper
84	100		
86	61.9	46.0	85.4
49	100.3	75.3	139.8

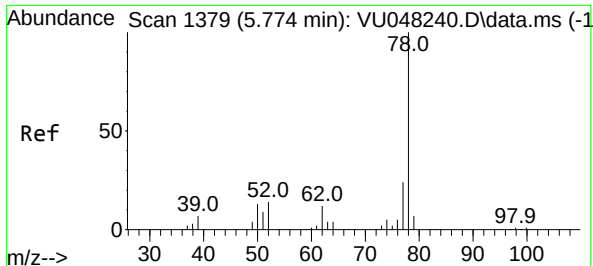


#27
1,2-Dichloroethane
Concen: 0.578 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.016 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

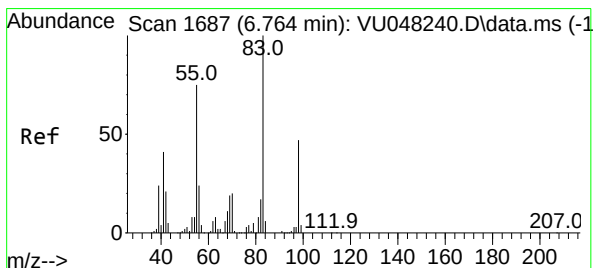
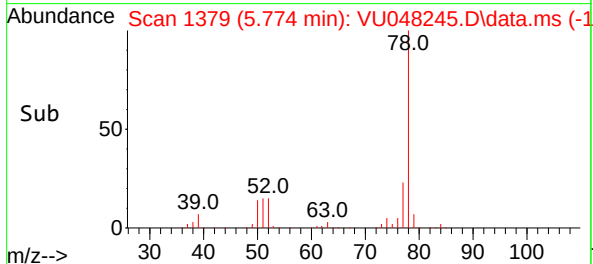
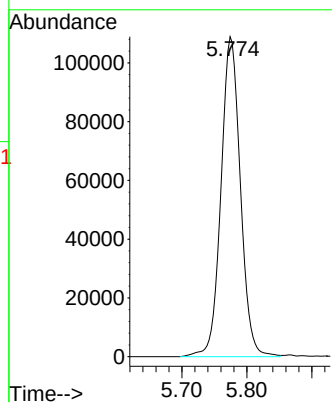
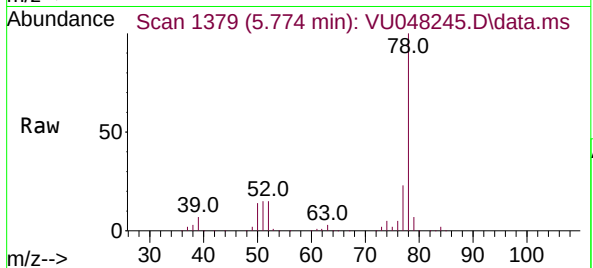
Tgt Ion: 62 Resp: 1968

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#



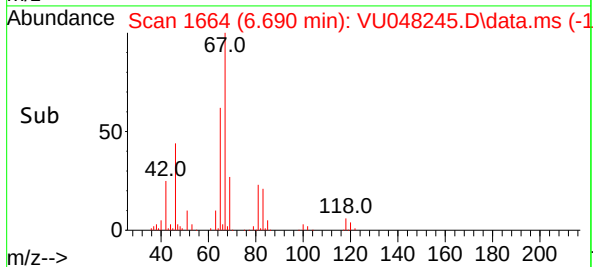
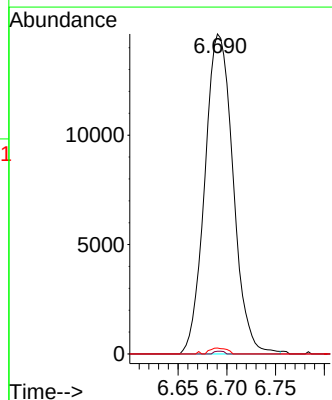
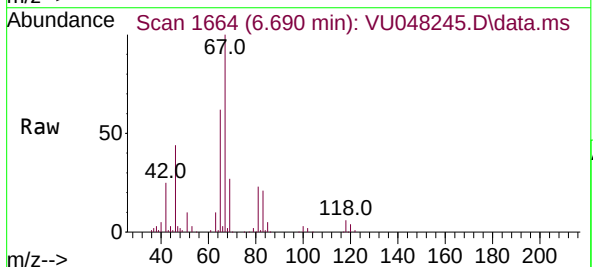


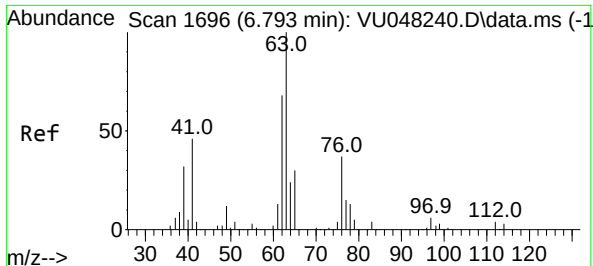
#33
Benzene
Concen: 24.689 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51
Tgt Ion: 78 Resp: 225441



#35
Methylcyclohexane
Concen: 8.109 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

Tgt Ion: 83 Resp: 29533
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 1.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.616 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048245.D

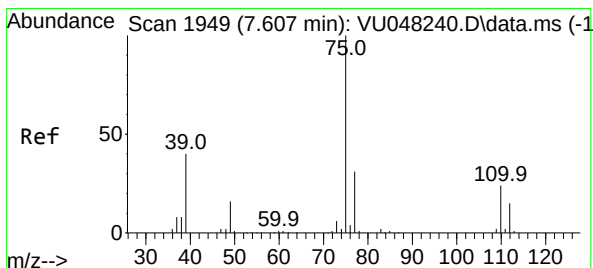
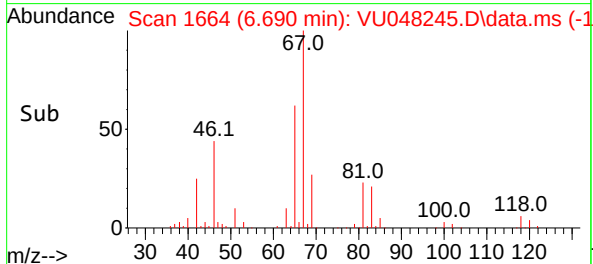
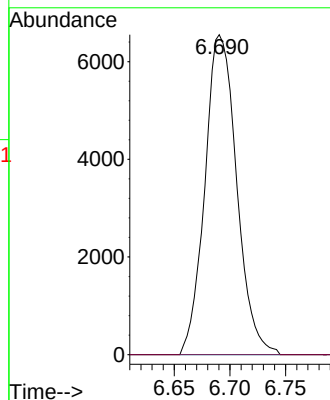
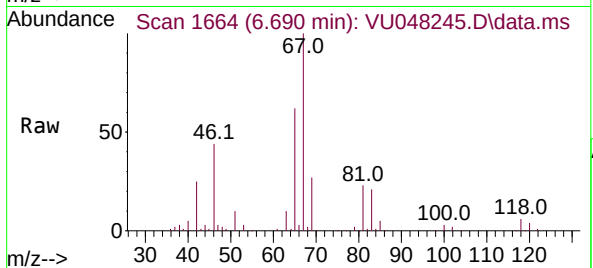
Acq: 23 Apr 2022 14:51

Tgt Ion: 63 Resp: 13037

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU048245.D

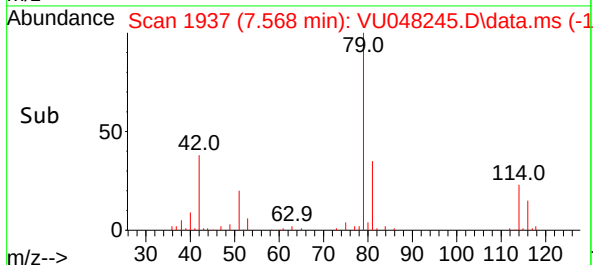
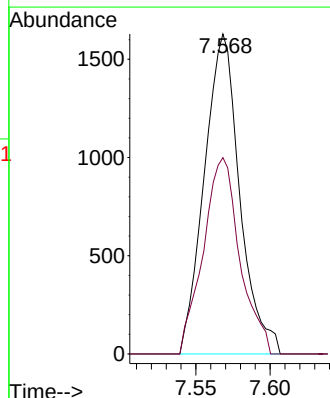
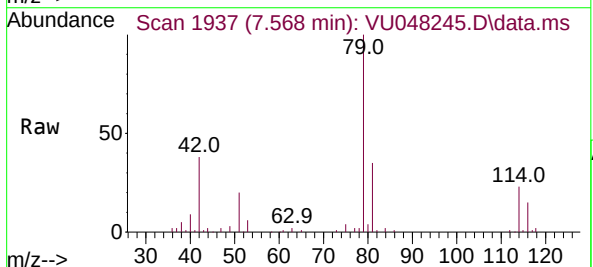
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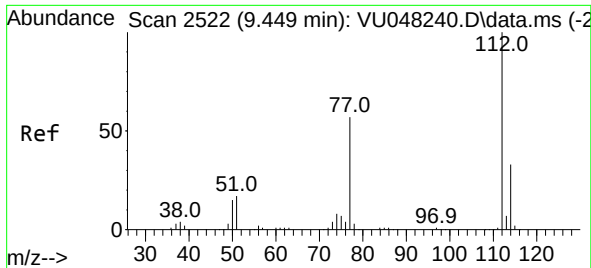
Tgt Ion: 75 Resp: 2703

Ion Ratio Lower Upper

75 100

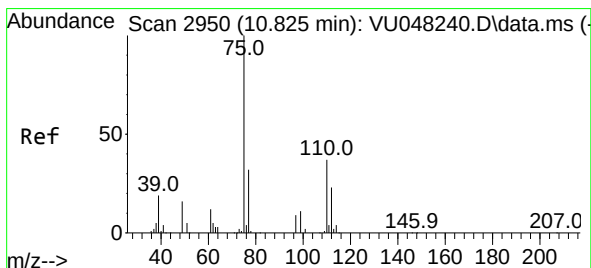
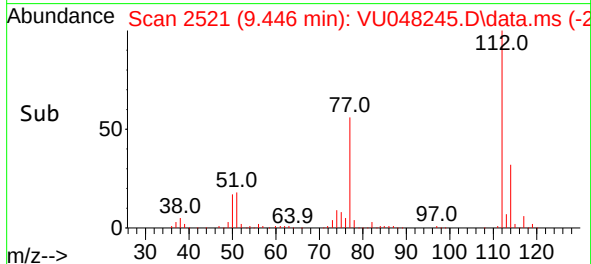
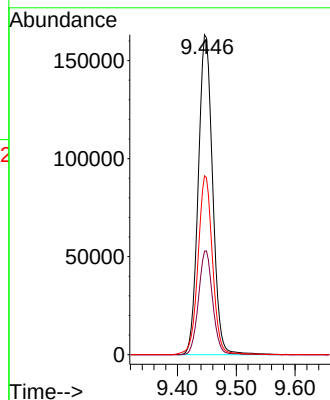
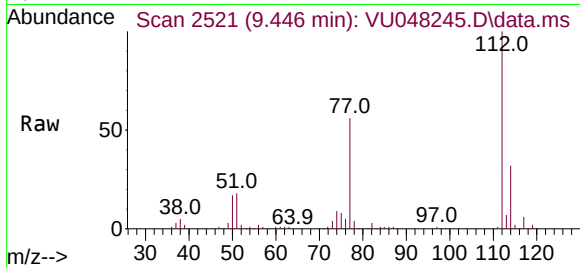
77 61.3 21.8 40.6#





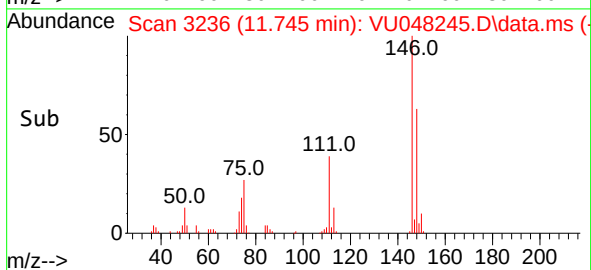
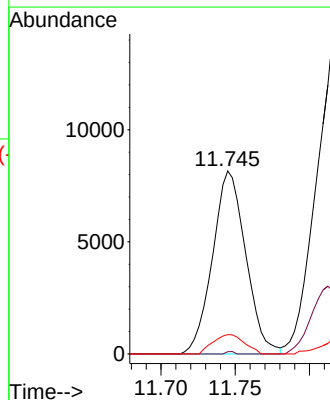
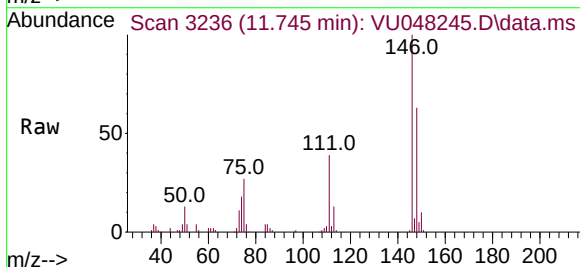
#51
Chlorobenzene
Concen: 40.644 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

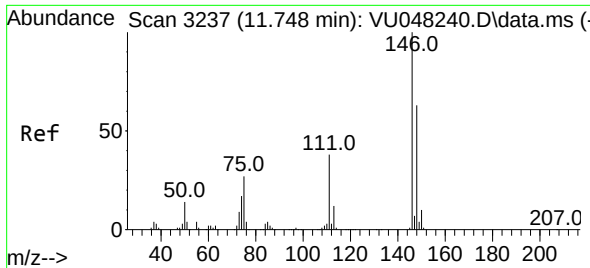
Tgt Ion:112 Resp: 276493
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 55.9 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 4.694 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.920 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

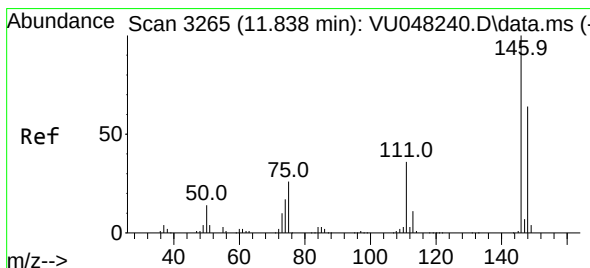
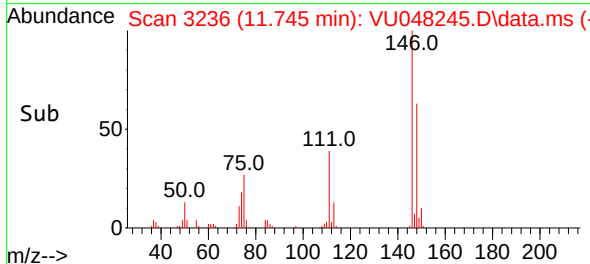
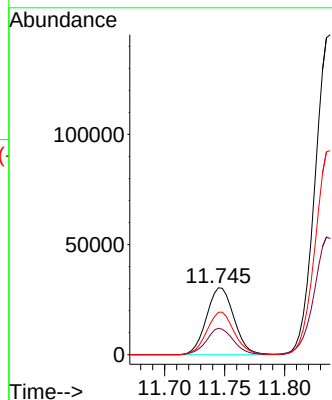
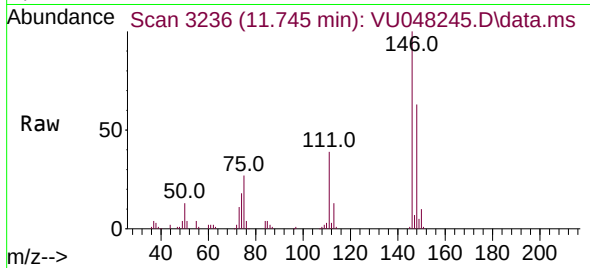
Tgt Ion: 75 Resp: 12698
Ion Ratio Lower Upper
75 100
77 0.3 26.0 39.0#
110 10.0 31.4 47.2#





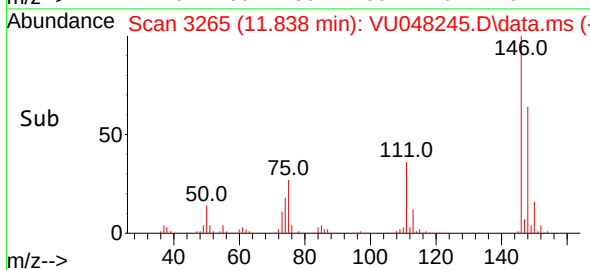
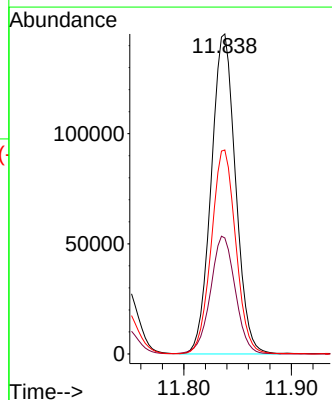
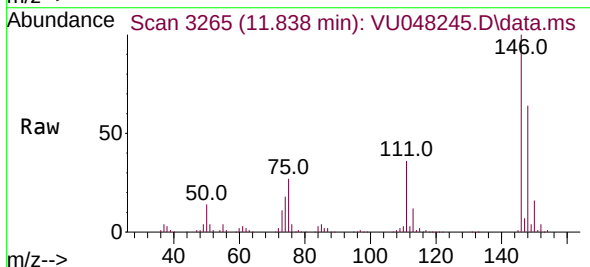
#64
1,3-Dichlorobenzene
Concen: 11.266 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

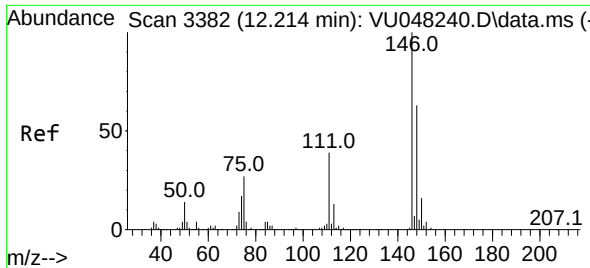
Tgt Ion:146 Resp: 48563
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 63.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.283 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

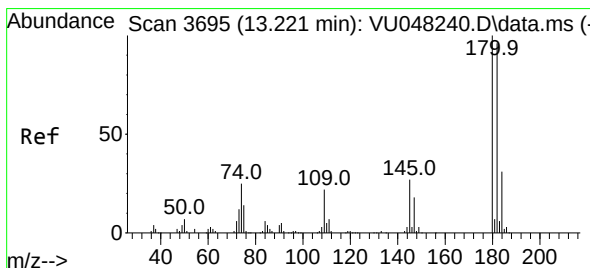
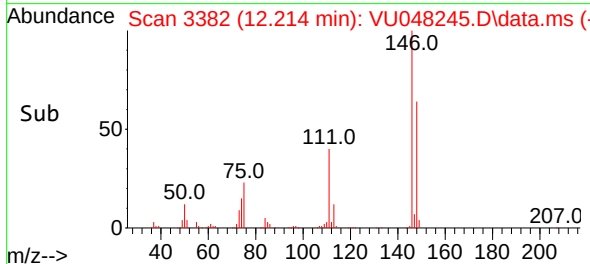
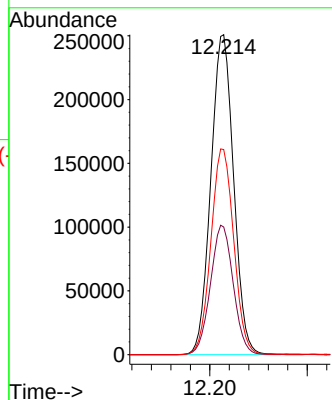
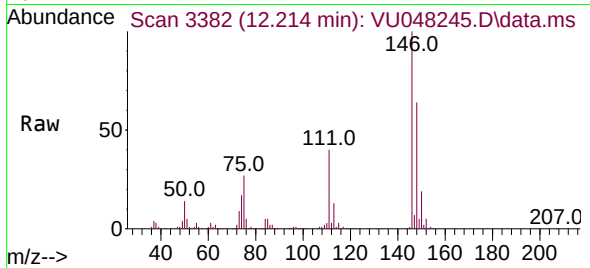
Tgt Ion:146 Resp: 228981
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 63.8 44.5 82.7





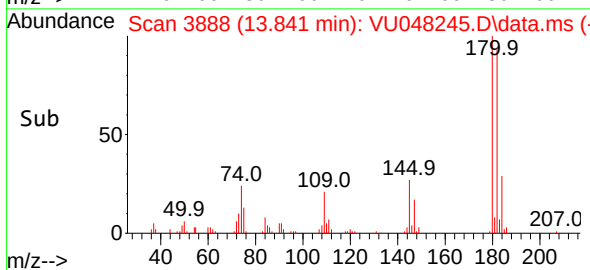
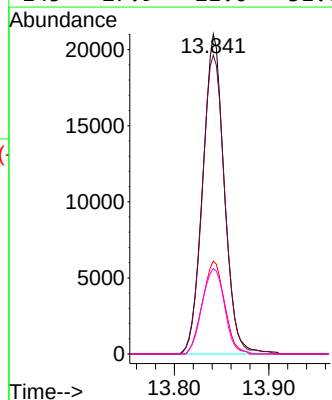
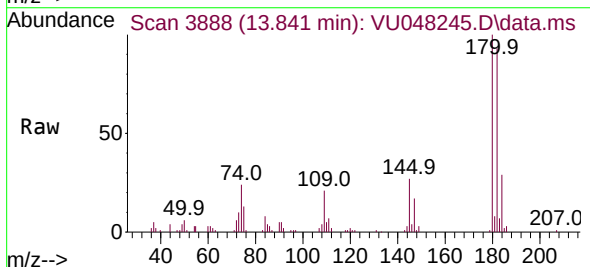
#67
1,2-Dichlorobenzene
Concen: 94.326 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

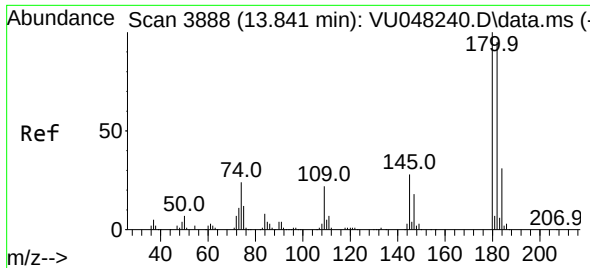
Tgt Ion:146 Resp: 406855
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 64.1 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 9.480 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

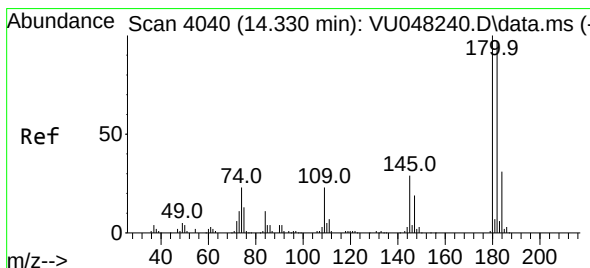
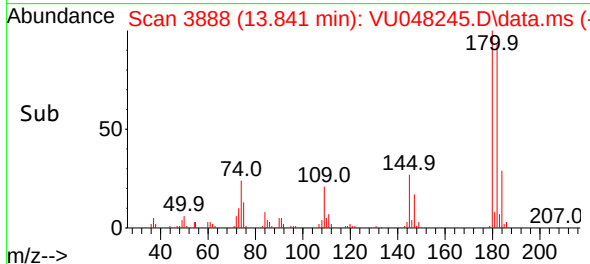
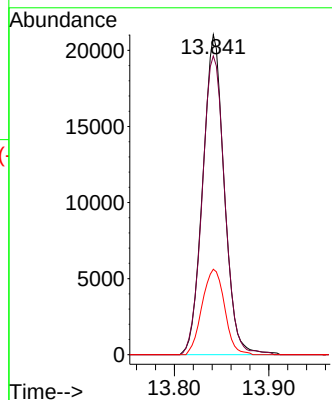
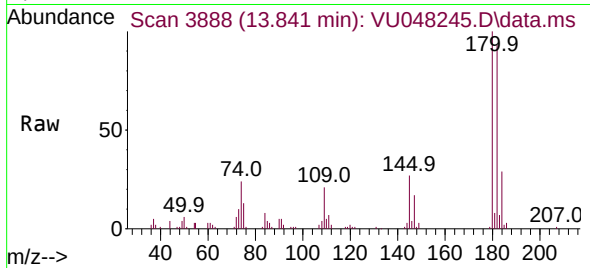
Tgt Ion:180 Resp: 33190
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.6
184 29.7 24.5 36.7
145 27.9 21.0 31.6





#70
1,2,4-trichlorobenzene
Concen: 10.823 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

Tgt Ion:180 Resp: 33190
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.2
145 27.9 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 4.852 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

Tgt Ion:180 Resp: 14914
Ion Ratio Lower Upper
180 100
182 90.6 77.4 116.0
145 29.1 22.8 34.2

