

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048175.D
 Acq On : 21 Apr 2022 16:05
 Operator : SY/MD
 Sample : N2486-17 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J59

Quant Time: Apr 22 01:51:28 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)

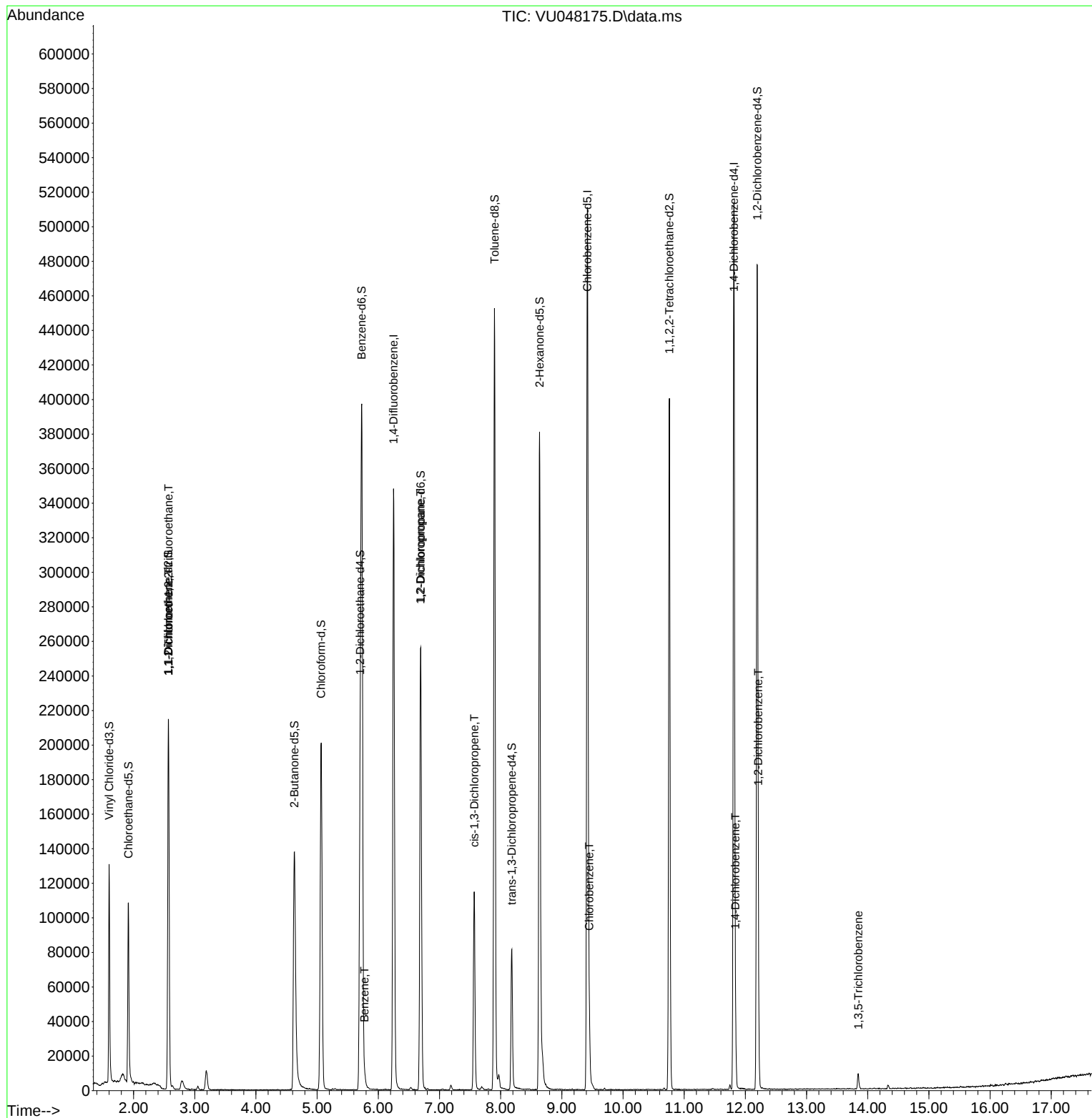
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	298755	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	96050	44.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.660%		
7) Chloroethane-d5	1.916	69	82885	48.520	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.040%		
11) 1,1-Dichloroethene-d2	2.568	63	124228	31.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.680%		
21) 2-Butanone-d5	4.626	46	190806	102.610	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.610%		
24) Chloroform-d	5.067	84	191270	48.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.500%		
26) 1,2-Dichloroethane-d4	5.703	65	123837	50.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.880%		
32) Benzene-d6	5.729	84	378496	48.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
36) 1,2-Dichloropropane-d6	6.693	67	128728	53.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.080%		
41) Toluene-d8	7.899	98	310742	40.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.480%		
43) trans-1,3-Dichloroprop...	8.182	79	47731	39.182	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.360%		
47) 2-Hexanone-d5	8.636	63	126749	90.046	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.050%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199925	48.448	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	136353	52.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1236	0.561	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1045	0.510	ug/L #	1
33) Benzene	5.774	78	5116	0.568	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12806	5.593	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2557	0.720	ug/L #	41
51) Chlorobenzene	9.446	112	19723	2.939	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	14693	3.230	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	12924	2.941	ug/L	94
69) 1,3,5-Trichlorobenzene	13.844	180	3884	1.089	ug/L #	93

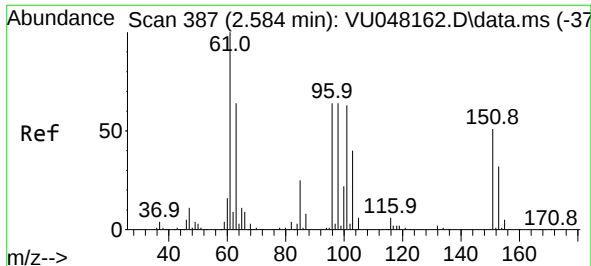
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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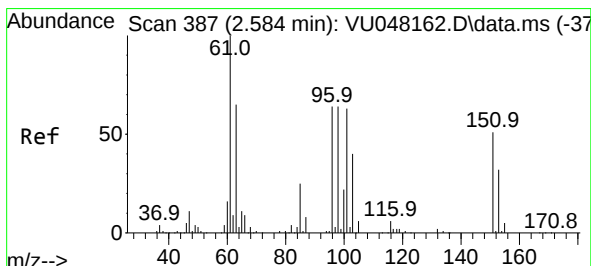
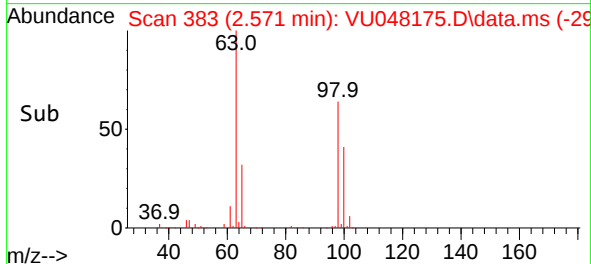
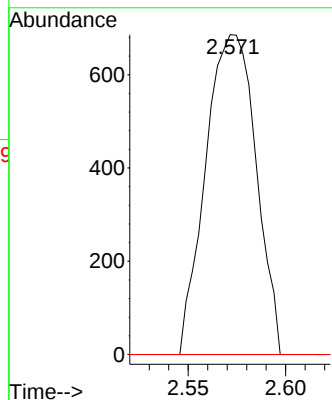
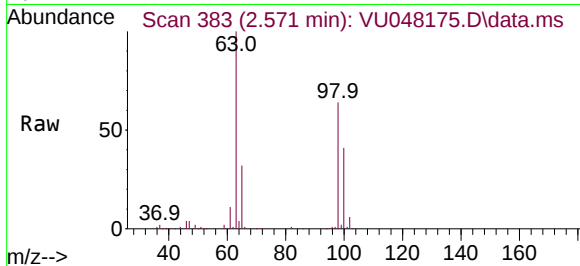




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.561 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048175.D
 Acq: 21 Apr 2022 16:05

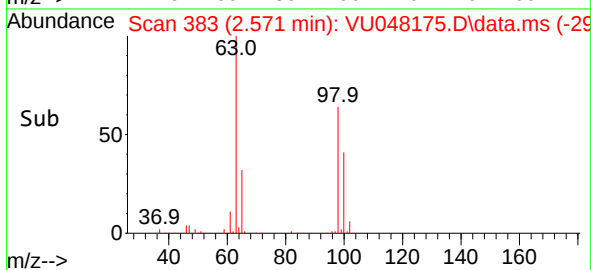
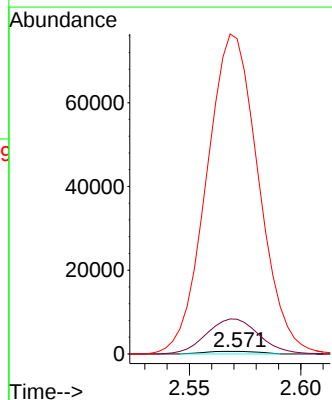
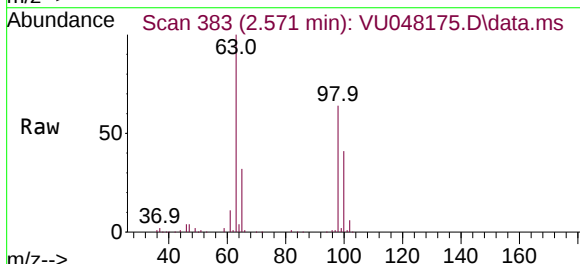
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J59

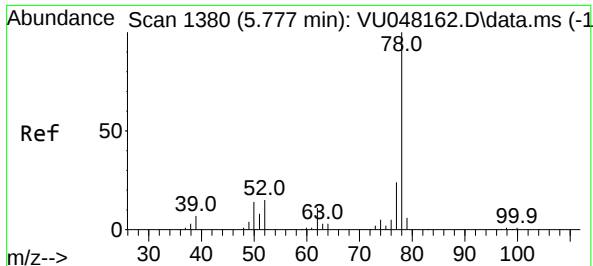
Tgt Ion:101 Resp: 1236
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.510 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048175.D
 Acq: 21 Apr 2022 16:05

Tgt Ion: 96 Resp: 1045
 Ion Ratio Lower Upper
 96 100
 61 1369.0 113.1 210.1#
 63 12422.4 94.8 176.0#





#33

Benzene

Concen: 0.568 ug/L

RT: 5.774 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048175.D

Acq: 21 Apr 2022 16:05

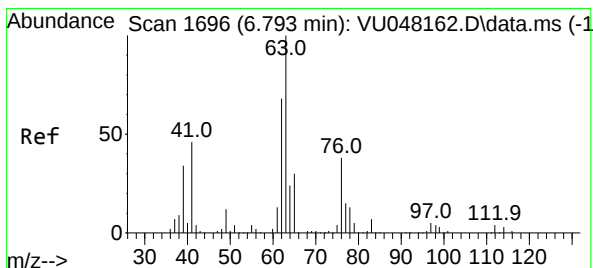
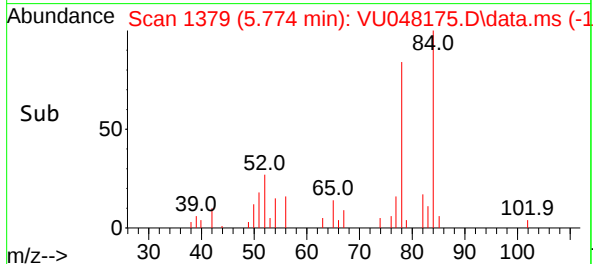
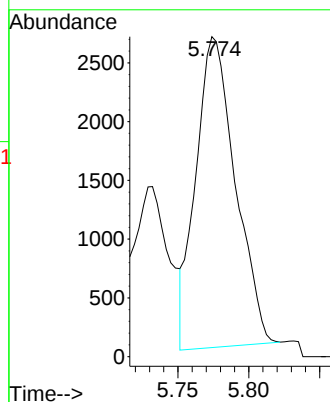
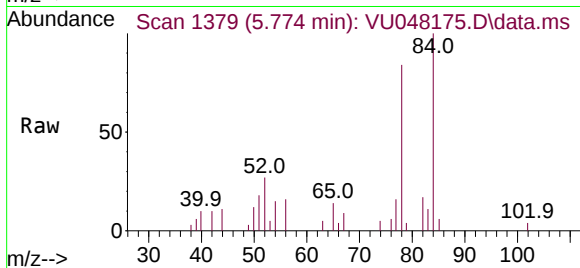
Instrument :

MSVOA_U

ClientSampleId :

C0J59

Tgt Ion: 78 Resp: 5116



#37

1,2-Dichloropropane

Concen: 5.593 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048175.D

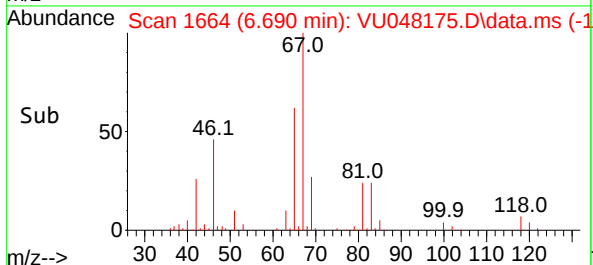
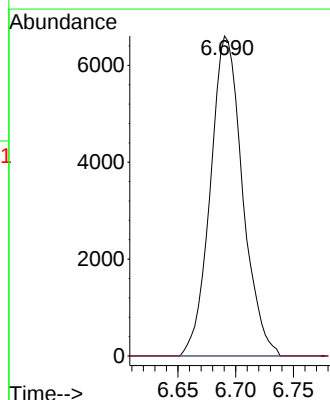
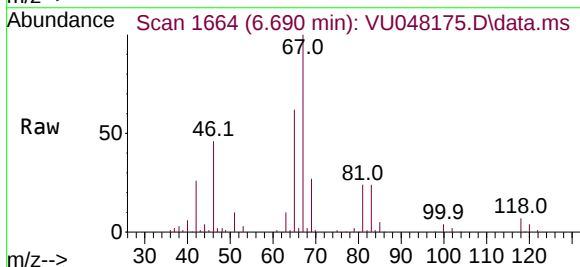
Acq: 21 Apr 2022 16:05

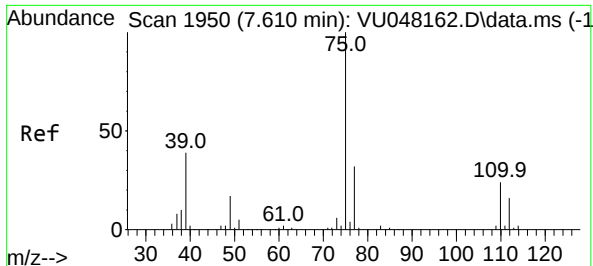
Tgt Ion: 63 Resp: 12806

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048175.D

Acq: 21 Apr 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

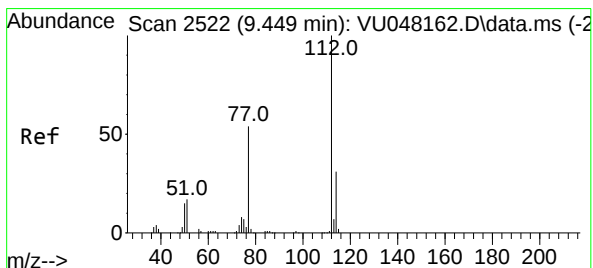
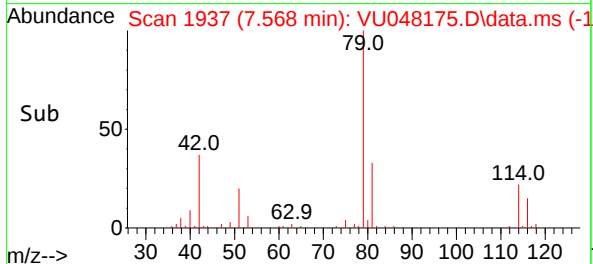
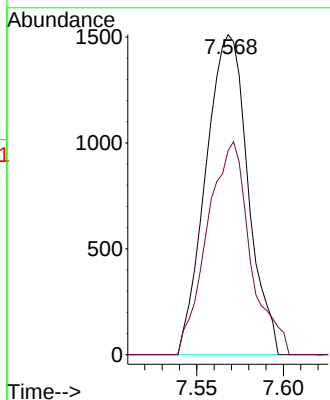
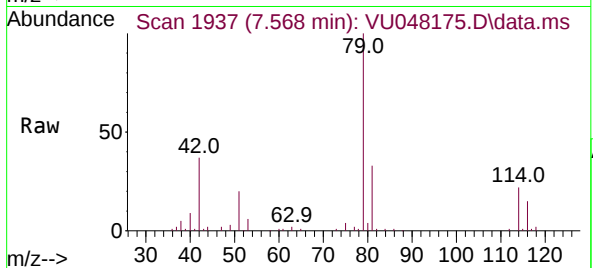
C0J59

Tgt Ion: 75 Resp: 2557

Ion Ratio Lower Upper

75 100

77 63.8 21.8 40.6#



#51

Chlorobenzene

Concen: 2.939 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048175.D

Acq: 21 Apr 2022 16:05

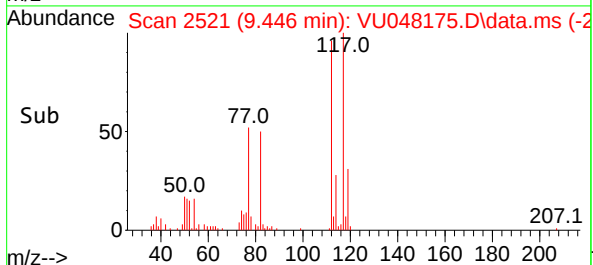
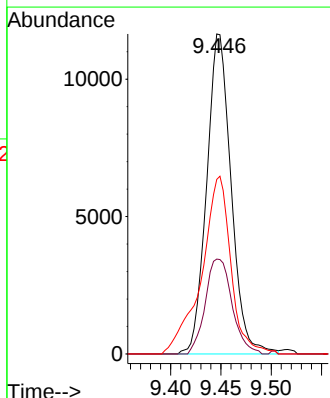
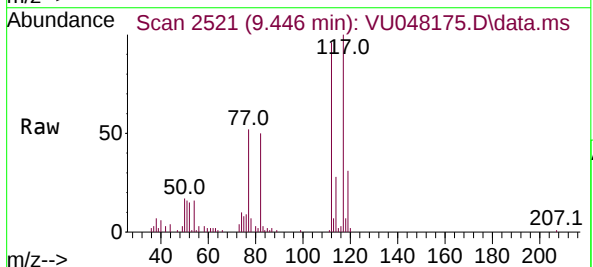
Tgt Ion: 112 Resp: 19723

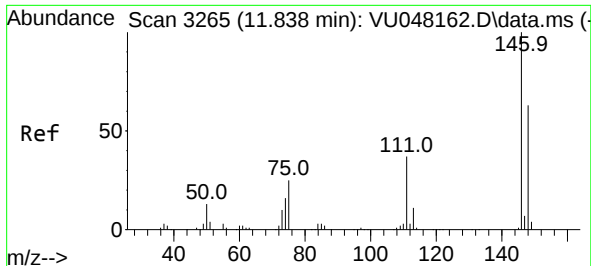
Ion Ratio Lower Upper

112 100

114 29.6 22.1 41.1

77 54.6 43.4 65.0

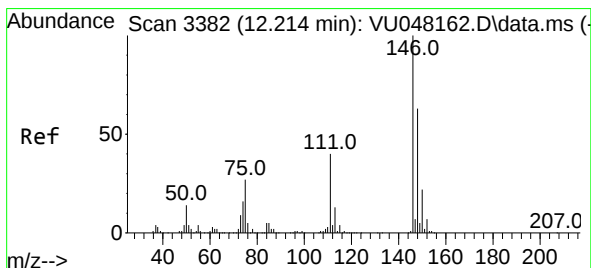
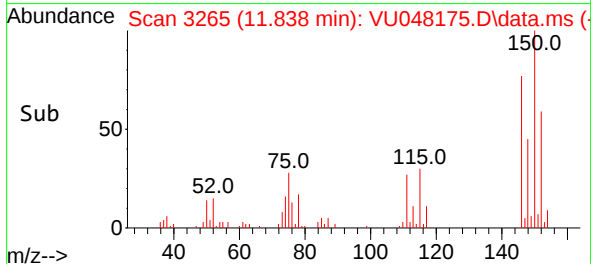
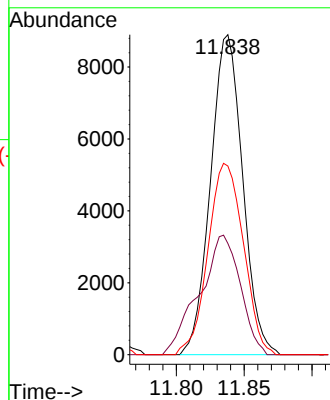
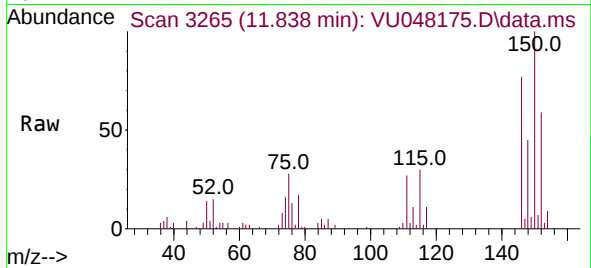




#65
1,4-Dichlorobenzene
Concen: 3.230 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048175.D
Acq: 21 Apr 2022 16:05

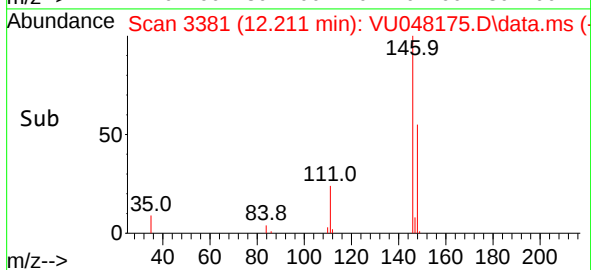
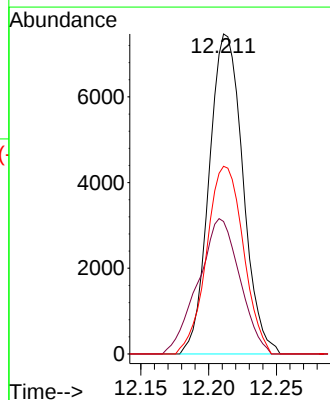
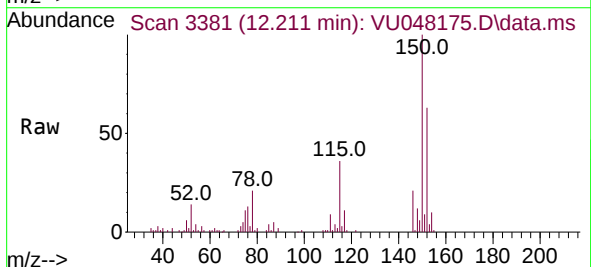
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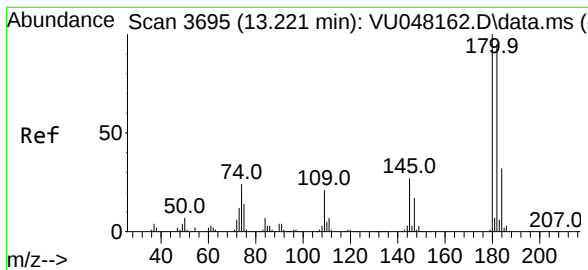
Tgt Ion:146 Resp: 14693
Ion Ratio Lower Upper
146 100
111 34.7 25.3 47.1
148 59.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.941 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048175.D
Acq: 21 Apr 2022 16:05

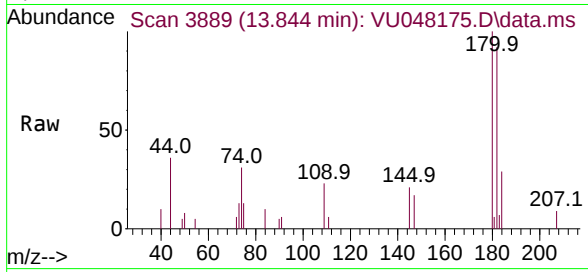
Tgt Ion:146 Resp: 12924
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 58.7 51.4 77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 1.089 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
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 Acq: 21 Apr 2022 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	180	Resp:	3884
Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.0	115.6
184	27.3	24.5	36.7
145	16.9	21.0	31.6

