

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048181.D
 Acq On : 21 Apr 2022 18:27
 Operator : SY/MD
 Sample : N2486-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J31

Quant Time: Apr 22 01:53:00 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)

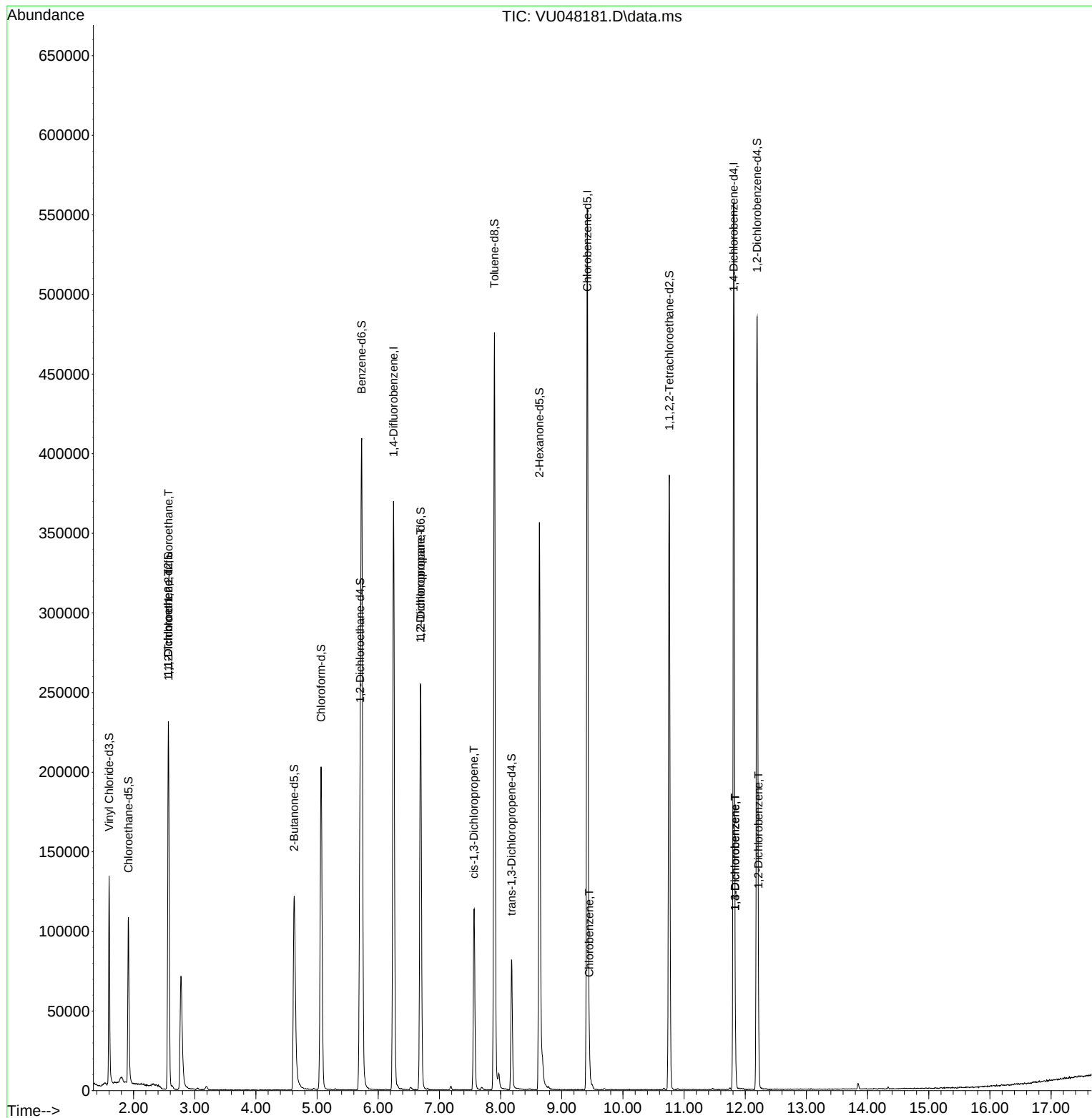
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313921	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99084	43.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.060%		
7) Chloroethane-d5	1.916	69	83703	46.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.260%		
11) 1,1-Dichloroethene-d2	2.568	63	133196	31.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.960%		
21) 2-Butanone-d5	4.626	46	178931	91.575	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.580%		
24) Chloroform-d	5.067	84	192695	46.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
26) 1,2-Dichloroethane-d4	5.703	65	120416	47.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
32) Benzene-d6	5.729	84	386105	46.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
36) 1,2-Dichloropropane-d6	6.694	67	129754	50.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.380%		
41) Toluene-d8	7.899	98	328845	40.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.980%		
43) trans-1,3-Dichloroprop...	8.179	79	47585	36.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.380%		
47) 2-Hexanone-d5	8.636	63	120794	80.611	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.610%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196501	44.731	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138749	49.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.600%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1241	0.536	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1057	0.491	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	12690	5.206	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	2491	0.659	ug/L #	68
51) Chlorobenzene	9.449	112	10545	1.476	ug/L	95
64) 1,3-Dichlorobenzene	11.835	146	7830	1.664	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	7830	1.607	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	7616	1.618	ug/L #	92

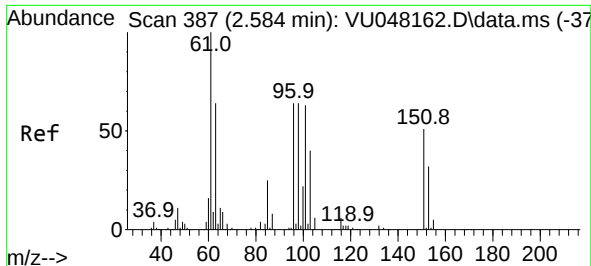
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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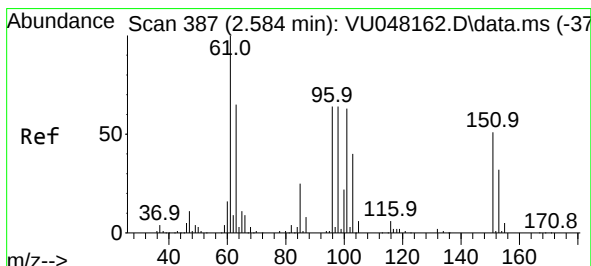
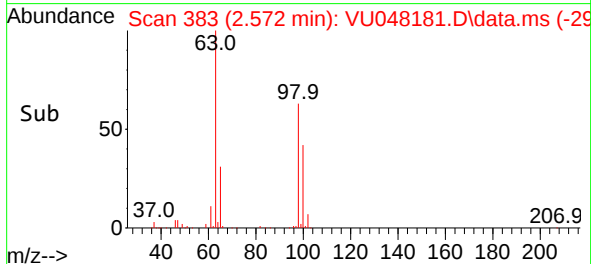
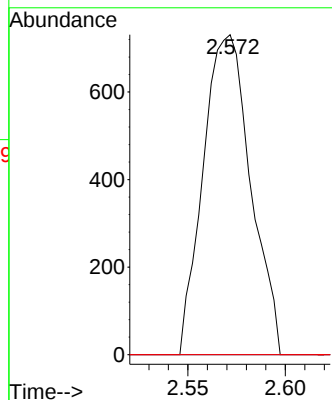
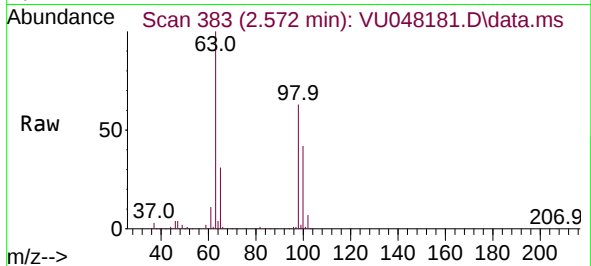




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.536 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

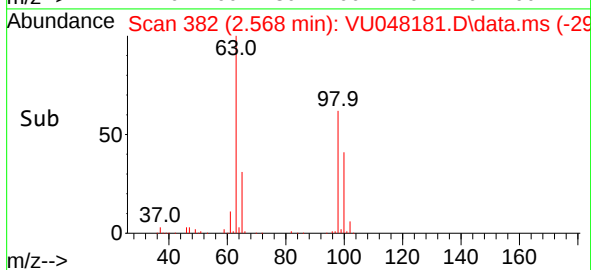
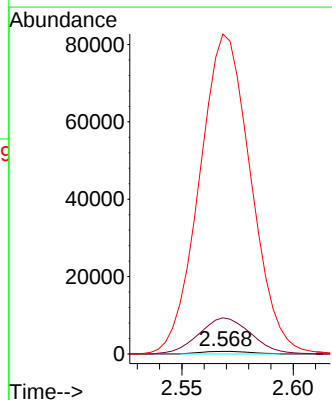
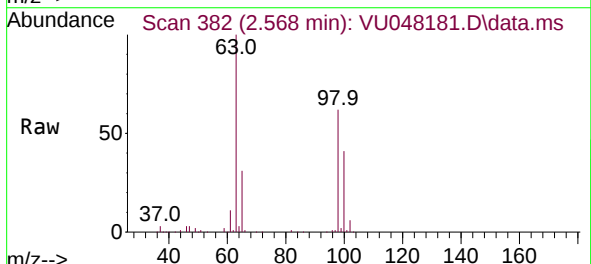
Instrument :
MSVOA_U
ClientSampleId :
C0J31

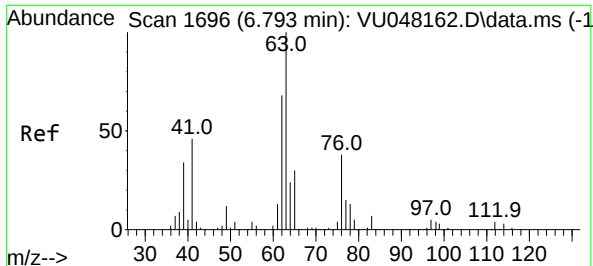
Tgt Ion:101 Resp: 1241
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.491 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Tgt Ion: 96 Resp: 1057
Ion Ratio Lower Upper
96 100
61 1402.7 113.1 210.1#
63 12400.6 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.206 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048181.D

Acq: 21 Apr 2022 18:27

Instrument :

MSVOA_U

ClientSampleId :

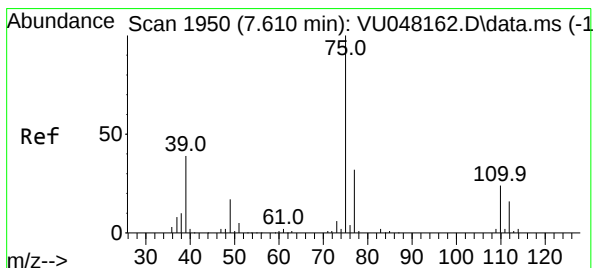
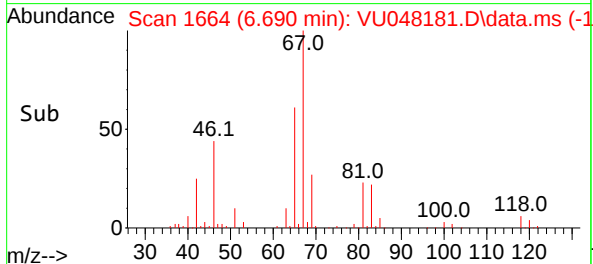
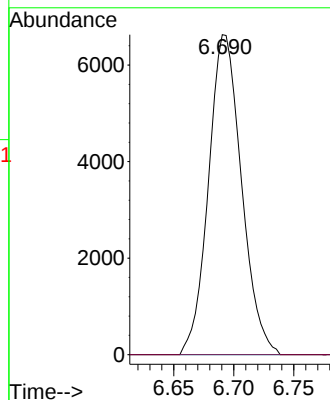
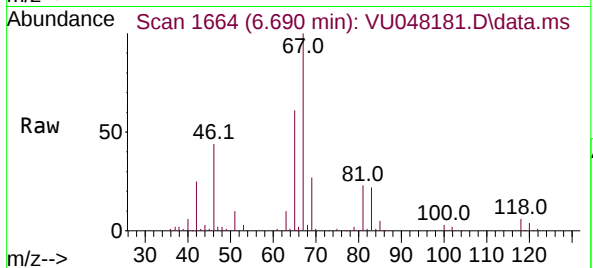
C0J31

Tgt Ion: 63 Resp: 12690

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU048181.D

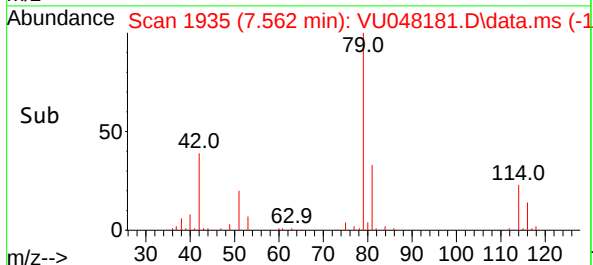
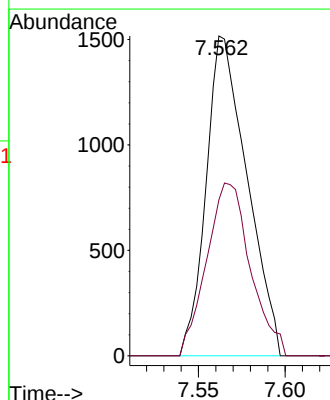
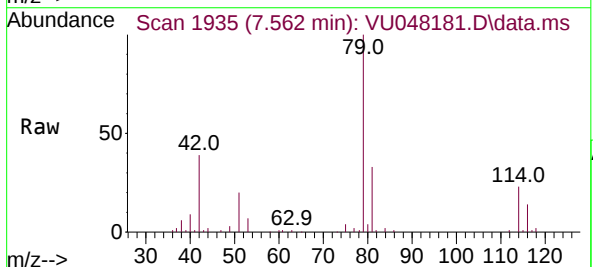
Acq: 21 Apr 2022 18:27

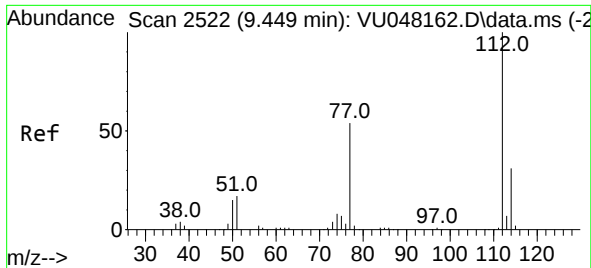
Tgt Ion: 75 Resp: 2491

Ion Ratio Lower Upper

75 100

77 48.8 21.8 40.6#

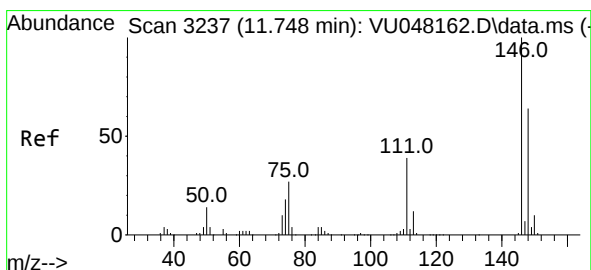
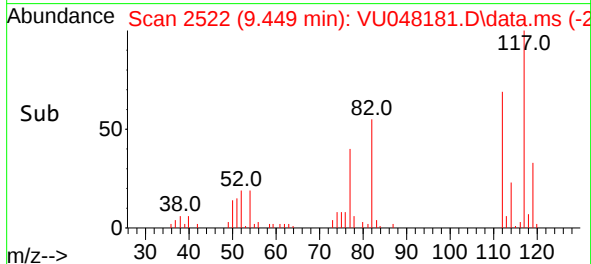
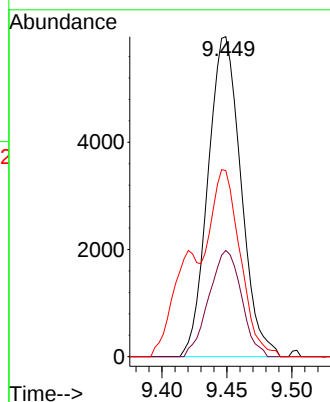
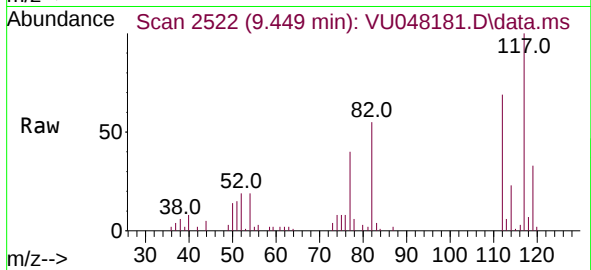




#51
Chlorobenzene
Concen: 1.476 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

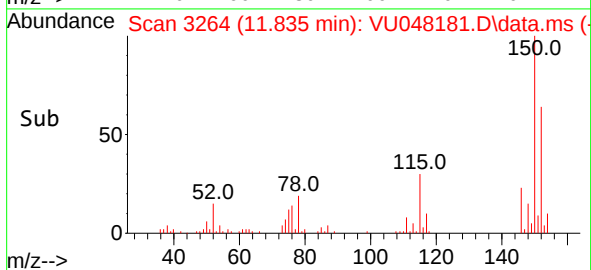
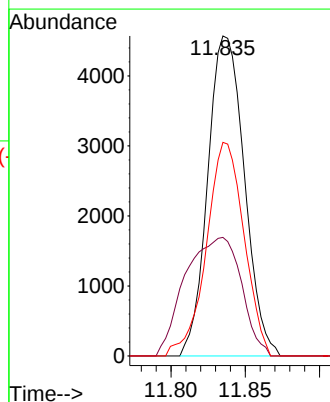
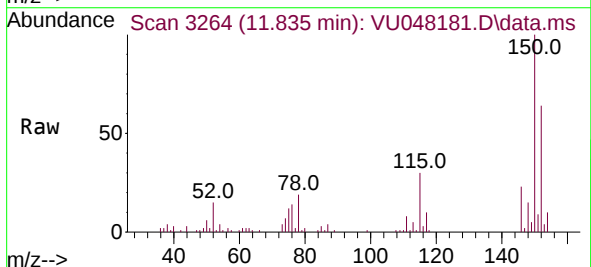
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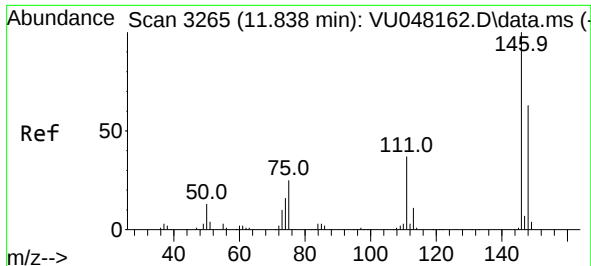
Tgt Ion:112 Resp: 10545
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 58.1 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.664 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.087 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Tgt Ion:146 Resp: 7830
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 66.7 44.4 82.5

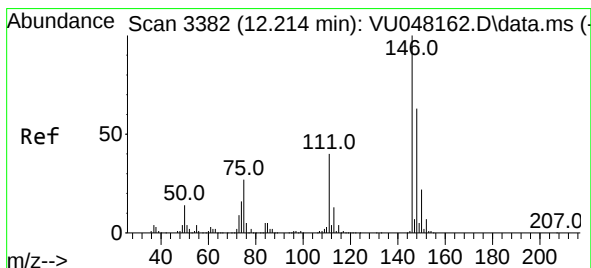
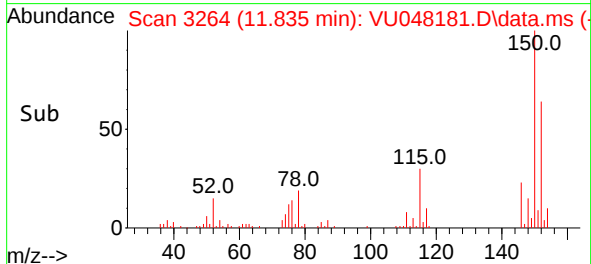
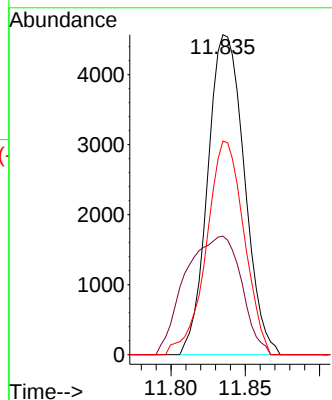
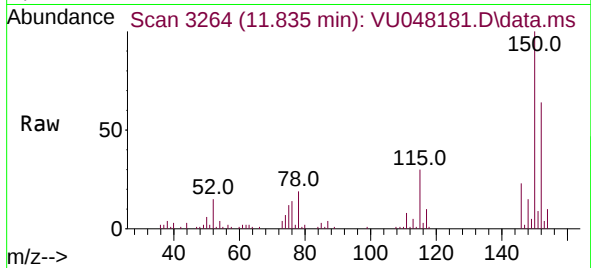




#65
1,4-Dichlorobenzene
Concen: 1.607 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Instrument :
MSVOA_U
ClientSampleId :
C0J31

Tgt Ion:146 Resp: 7830
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 66.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.618 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048181.D
Acq: 21 Apr 2022 18:27

Tgt Ion:146 Resp: 7616
Ion Ratio Lower Upper
146 100
111 49.0 31.7 47.5#
148 67.6 51.4 77.2

