

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048166.D
 Acq On : 21 Apr 2022 12:38
 Operator : SY/MD
 Sample : N2486-09 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J41

Quant Time: Apr 22 01:49:24 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)

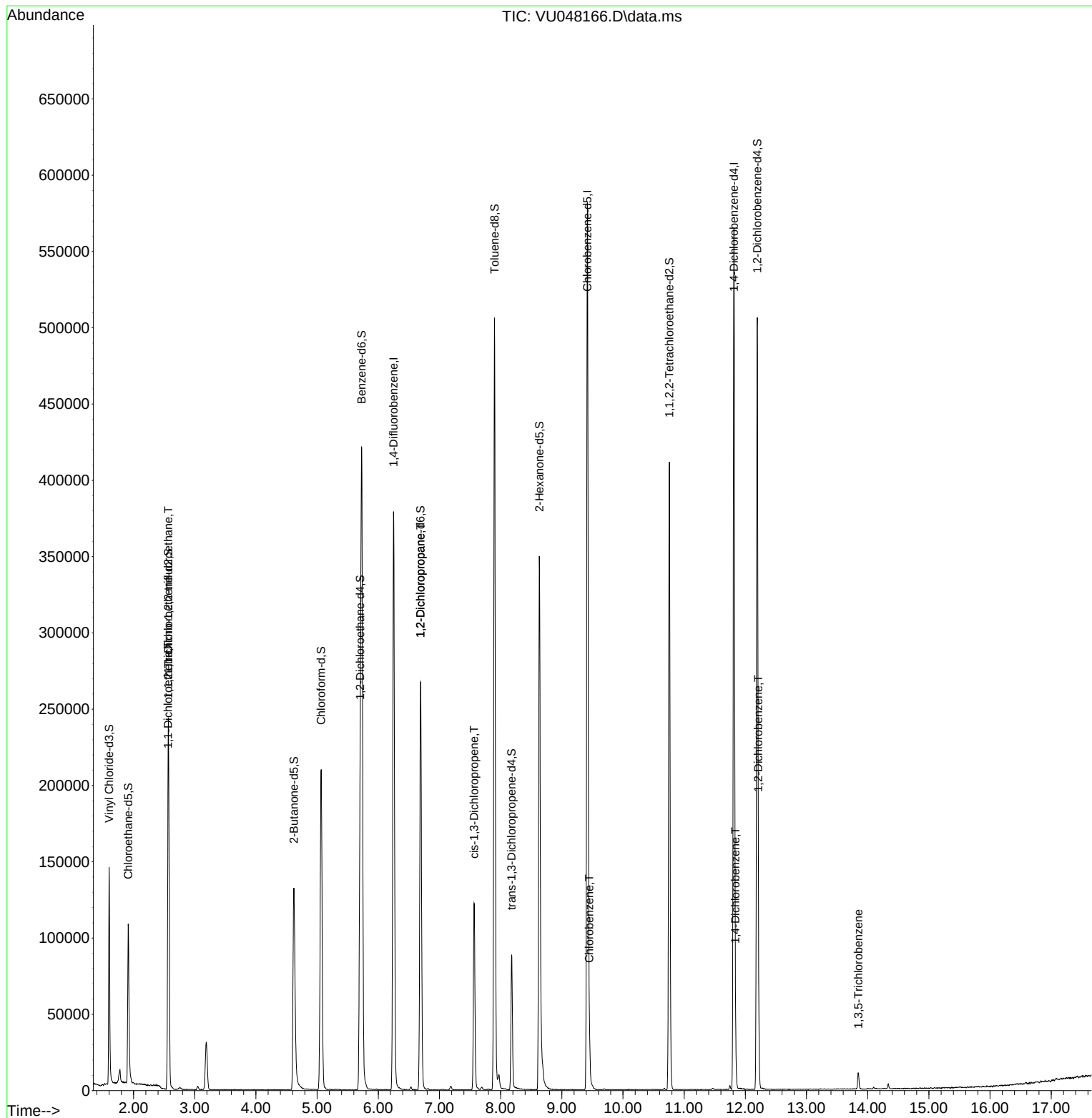
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328306	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	350008	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	161689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105887	44.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.960%
7) Chloroethane-d5	1.913	69	89023	47.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	2.569	63	138374	31.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.540%
21) 2-Butanone-d5	4.620	46	184500	90.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.290%
24) Chloroform-d	5.067	84	200281	45.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	5.704	65	124147	46.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
32) Benzene-d6	5.729	84	405907	46.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
36) 1,2-Dichloropropane-d6	6.691	67	135024	49.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	7.900	98	343423	40.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.040%
43) trans-1,3-Dichloroprop...	8.179	79	50799	37.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.140%
47) 2-Hexanone-d5	8.633	63	122766	77.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.530%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205742	44.323	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	144859	50.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.720%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1206	0.498	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1125	0.500	ug/L #	1
37) 1,2-Dichloropropane	6.691	63	13094	5.084	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2641	0.661	ug/L #	54
51) Chlorobenzene	9.449	112	18069	2.394	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	11783	2.342	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	12013	2.472	ug/L	96
69) 1,3,5-Trichlorobenzene	13.845	180	4562	1.157	ug/L	95

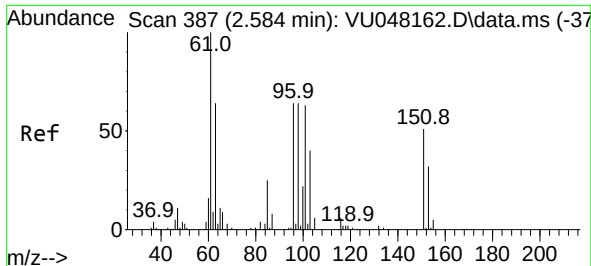
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 01:48:00 2022
Response via : Initial Calibration





#10

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

Concen: 0.498 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU048166.D

Acq: 21 Apr 2022 12:38

Instrument :

MSVOA_U

ClientSampleId :

C0J41

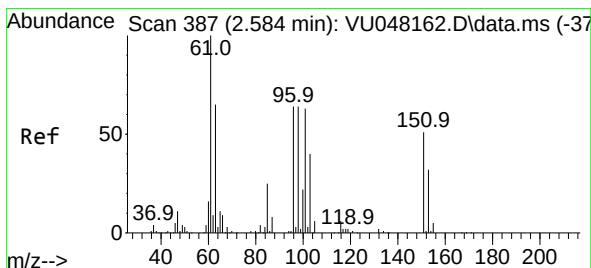
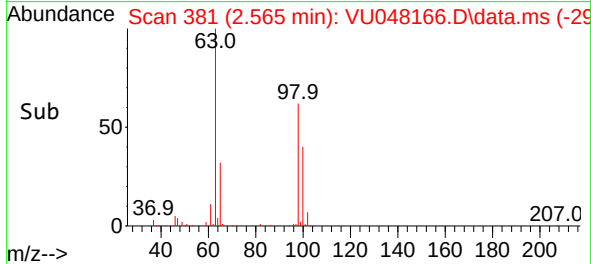
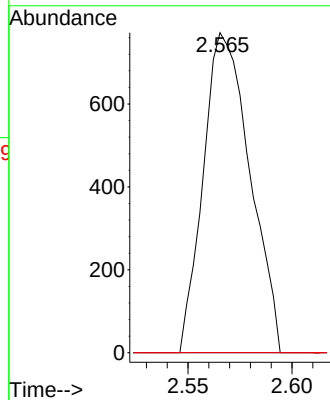
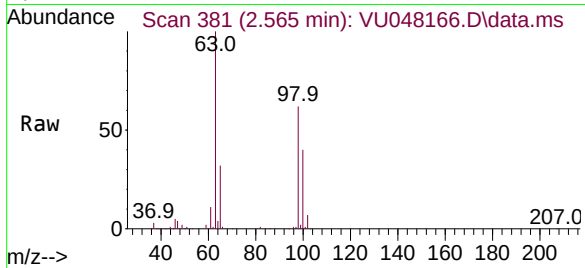
Tgt Ion:101 Resp: 1206

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: 0.500 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.022 min

Lab File: VU048166.D

Acq: 21 Apr 2022 12:38

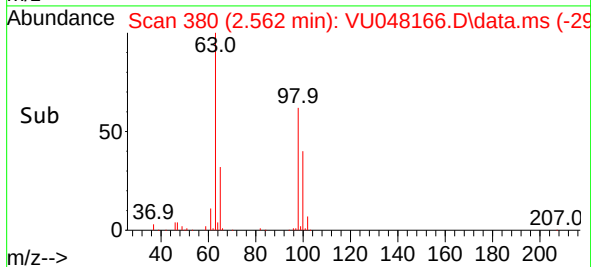
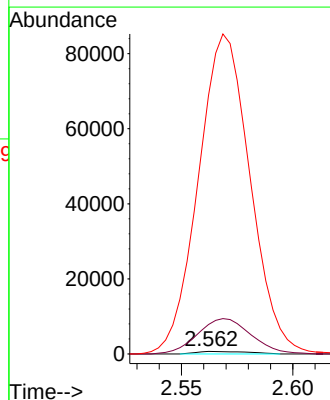
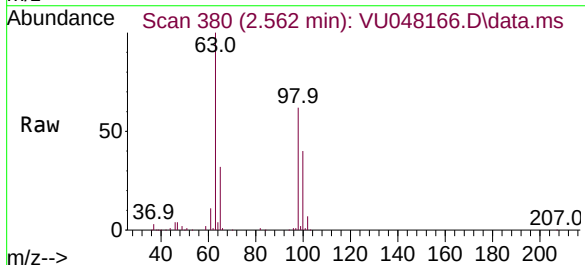
Tgt Ion: 96 Resp: 1125

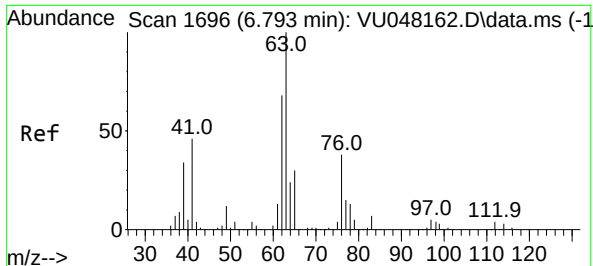
Ion Ratio Lower Upper

96 100

61 1144.0 113.1 210.1#

63 10043.1 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.084 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048166.D

Acq: 21 Apr 2022 12:38

Instrument :

MSVOA_U

ClientSampleId :

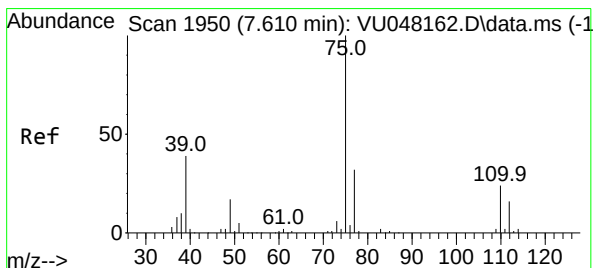
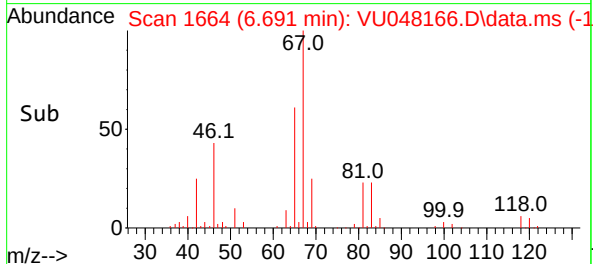
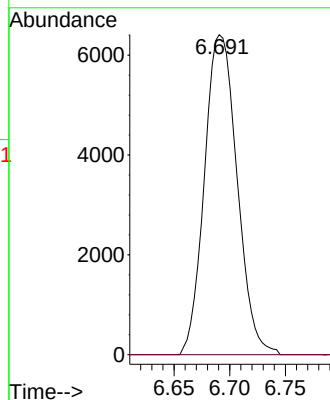
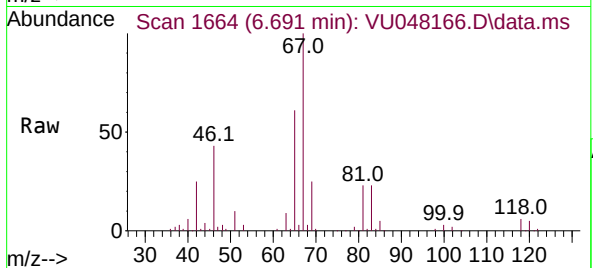
C0J41

Tgt Ion: 63 Resp: 13094

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048166.D

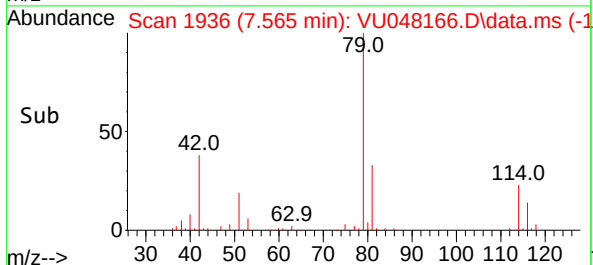
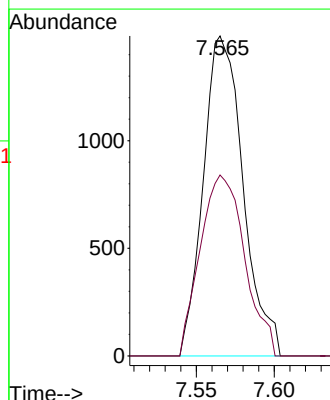
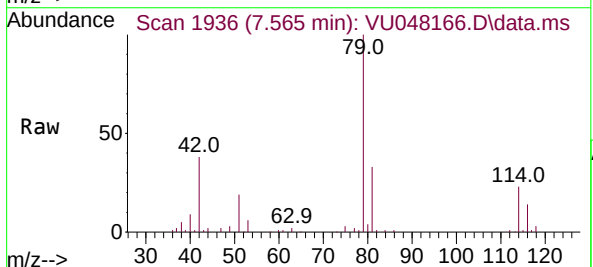
Acq: 21 Apr 2022 12:38

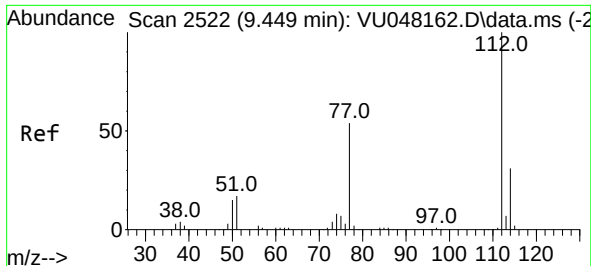
Tgt Ion: 75 Resp: 2641

Ion Ratio Lower Upper

75 100

77 56.6 21.8 40.6#

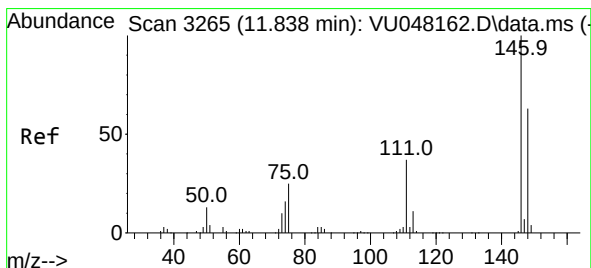
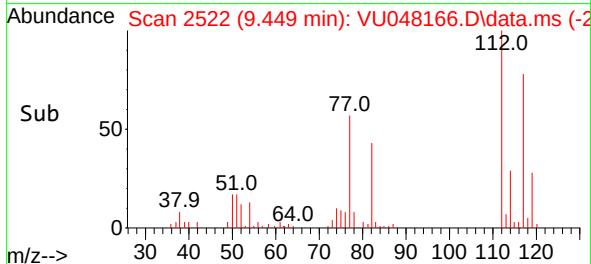
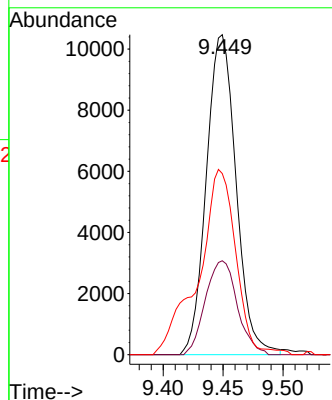
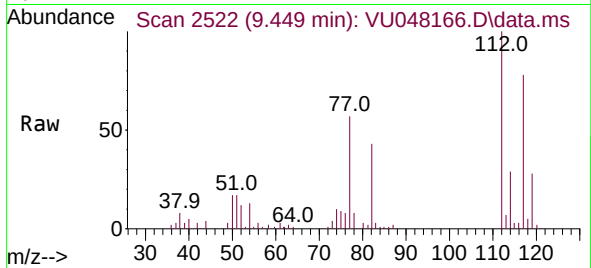




#51
Chlorobenzene
Concen: 2.394 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048166.D
Acq: 21 Apr 2022 12:38

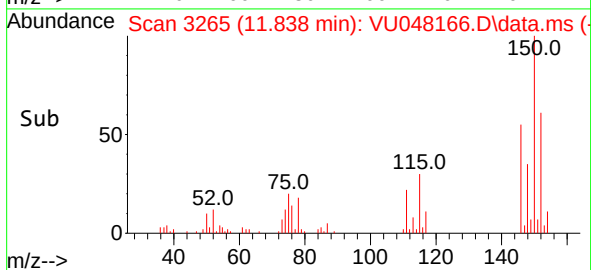
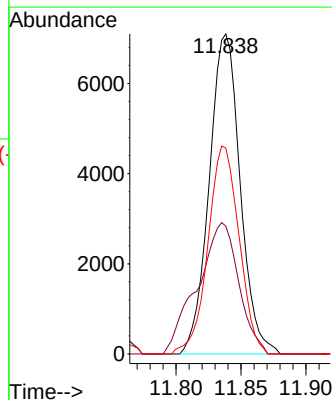
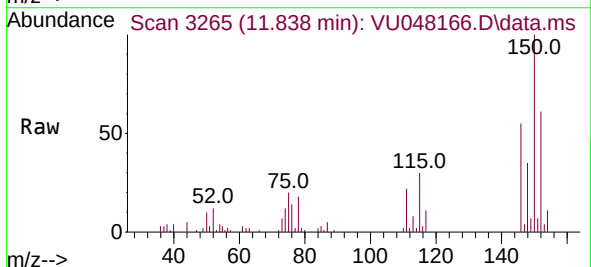
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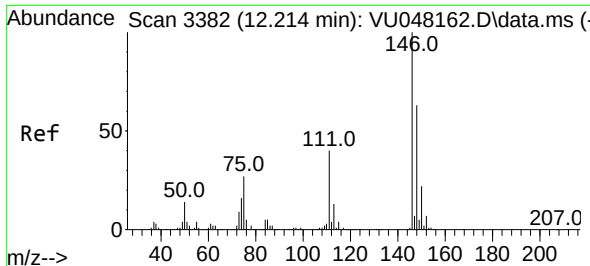
Tgt Ion:112 Resp: 18069
Ion Ratio Lower Upper
112 100
114 29.4 22.1 41.1
77 56.6 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.342 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048166.D
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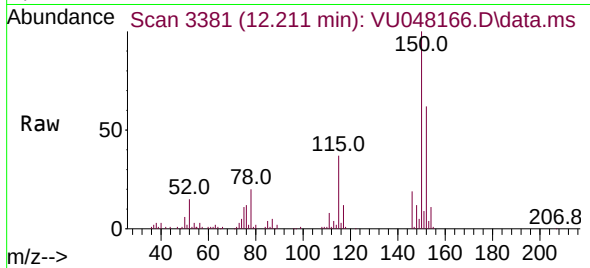
Tgt Ion:146 Resp: 11783
Ion Ratio Lower Upper
146 100
111 40.0 25.3 47.1
148 64.3 44.5 82.7



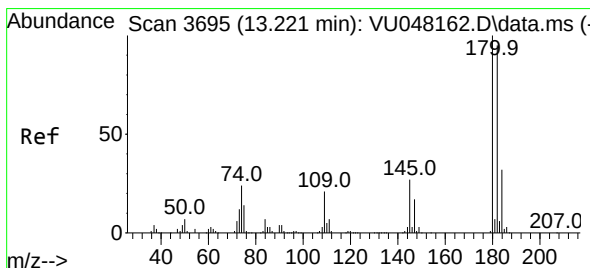
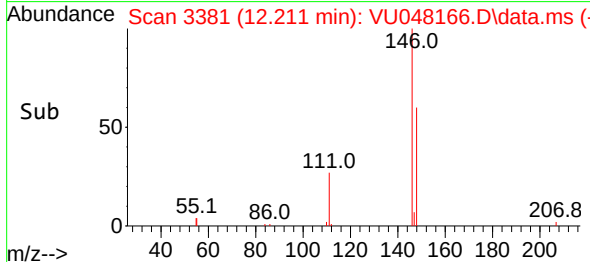
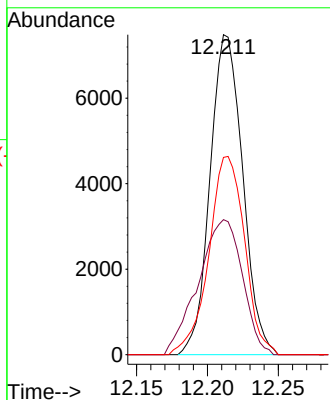


#67
1,2-Dichlorobenzene
Concen: 2.472 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048166.D
Acq: 21 Apr 2022 12:38

Instrument :
MSVOA_U
ClientSampleId :
C0J41



Tgt Ion:146 Resp: 12013
Ion Ratio Lower Upper
146 100
111 42.2 31.7 47.5
148 61.6 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 1.157 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048166.D
Acq: 21 Apr 2022 12:38

Tgt Ion:180 Resp: 4562
Ion Ratio Lower Upper
180 100
182 100.4 77.0 115.6
184 24.7 24.5 36.7
145 25.8 21.0 31.6

