

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048169.D
 Acq On : 21 Apr 2022 13:48
 Operator : SY/MD
 Sample : N2486-12 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J46

Quant Time: Apr 22 01:50:05 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

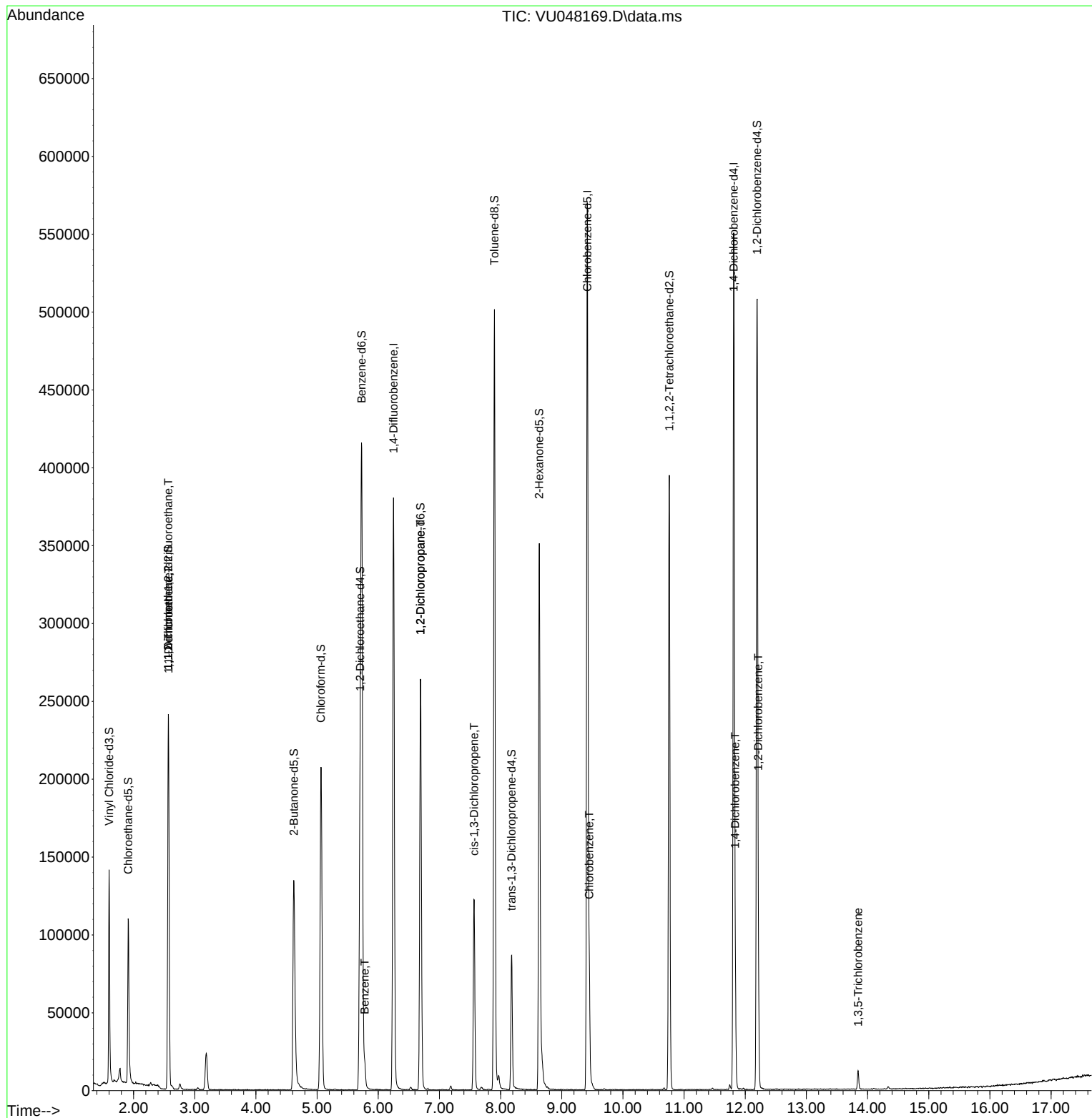
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325778	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	158669	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104841	44.379	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.760%	
7) Chloroethane-d5	1.912	69	87659	47.058	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.120%	
11) 1,1-Dichloroethene-d2	2.568	63	137516	31.816	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.640%	
21) 2-Butanone-d5	4.620	46	182082	89.796	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.800%	
24) Chloroform-d	5.063	84	198130	45.836	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.680%	
26) 1,2-Dichloroethane-d4	5.703	65	123632	46.633	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.260%	
32) Benzene-d6	5.729	84	400737	46.437	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.880%	
36) 1,2-Dichloropropane-d6	6.690	67	131297	49.541	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.080%	
41) Toluene-d8	7.899	98	343377	40.840	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.680%	
43) trans-1,3-Dichloroprop...	8.179	79	50757	37.803	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.600%	
47) 2-Hexanone-d5	8.632	63	119202	76.832	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	76.830%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197218	43.361	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.720%	
66) 1,2-Dichlorobenzene-d4	12.195	152	140734	49.855	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.700%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1335	0.556	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1088	0.487	ug/L #	1
33) Benzene	5.777	78	14481	1.459	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13529	5.361	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2921	0.746	ug/L #	70
51) Chlorobenzene	9.449	112	41774	5.648	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	26238	5.315	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	20814	4.364	ug/L	96
69) 1,3,5-Trichlorobenzene	13.844	180	4683	1.210	ug/L	94

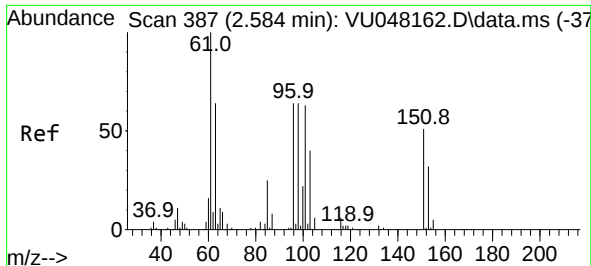
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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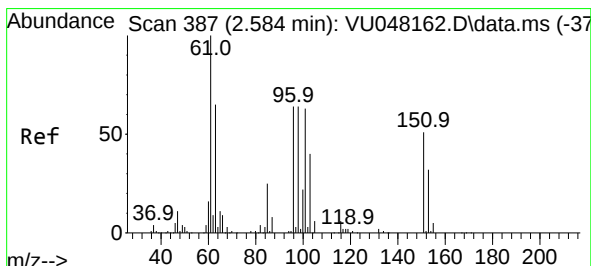
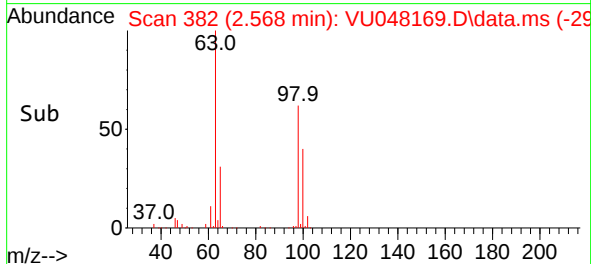
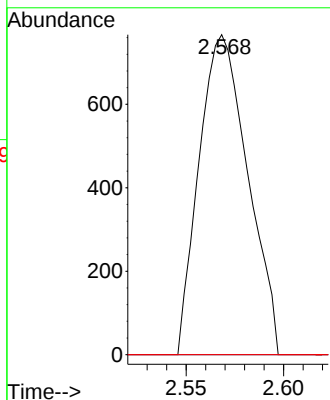
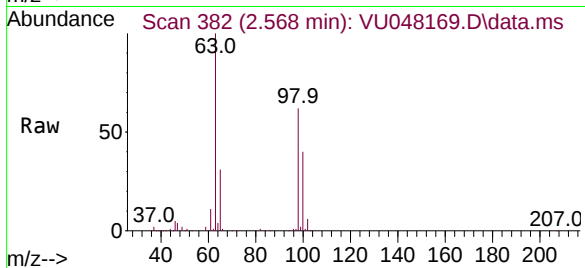




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.556 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

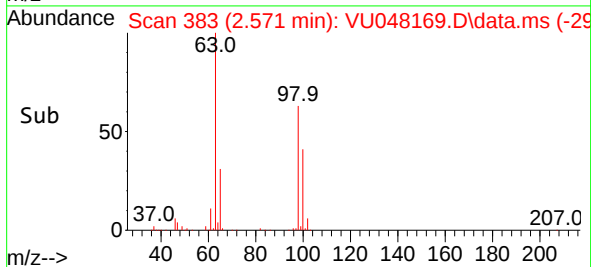
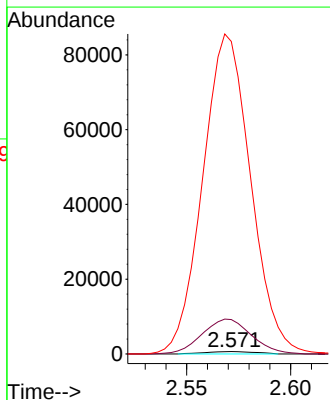
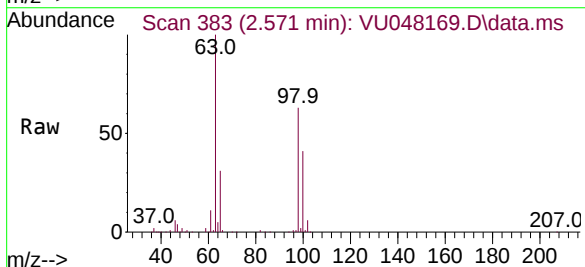
Instrument :
MSVOA_U
ClientSampleId :
C0J46

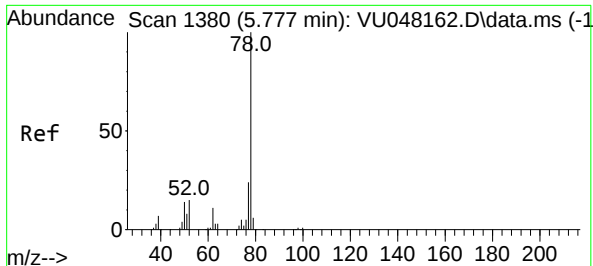
Tgt Ion:101 Resp: 1335
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.487 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

Tgt Ion: 96 Resp: 1088
Ion Ratio Lower Upper
96 100
61 1452.7 113.1 210.1#
63 13184.9 94.8 176.0#

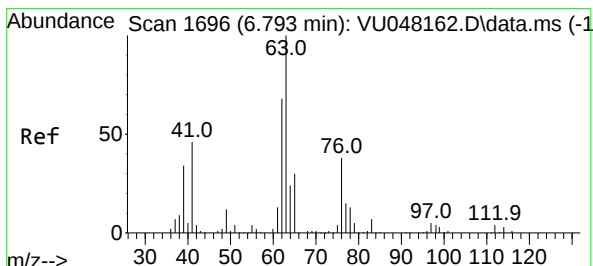
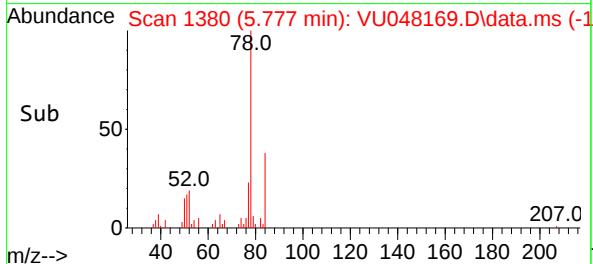
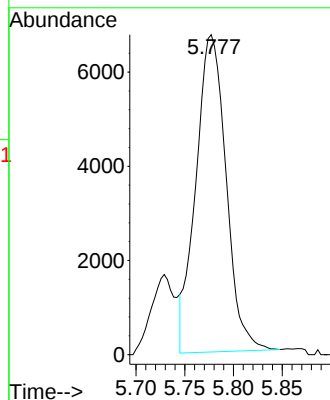
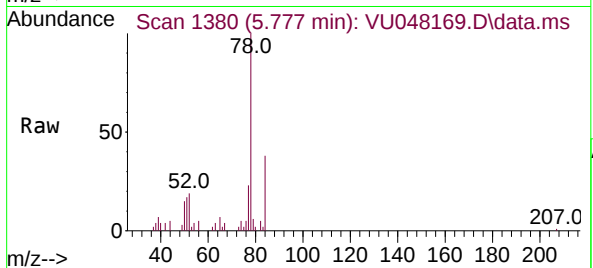




#33
Benzene
Concen: 1.459 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

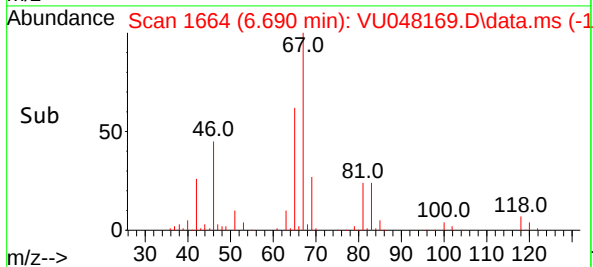
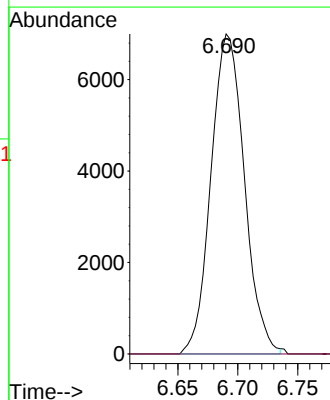
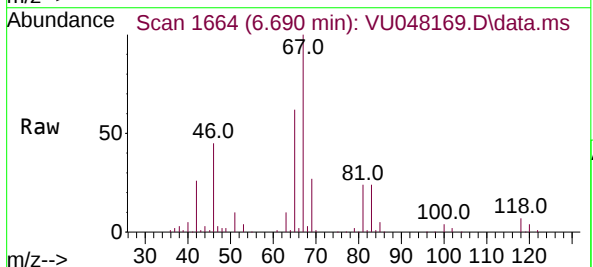
Instrument :
MSVOA_U
ClientSampleId :
C0J46

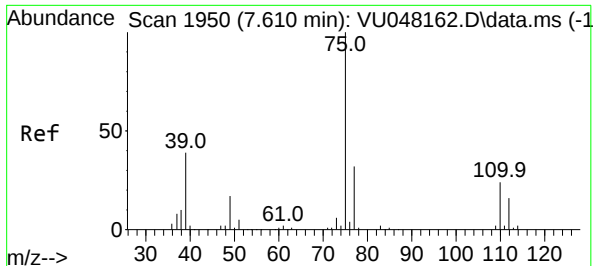
Tgt Ion: 78 Resp: 14481



#37
1,2-Dichloropropane
Concen: 5.361 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

Tgt Ion: 63 Resp: 13529
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048169.D

Acq: 21 Apr 2022 13:48

Instrument :

MSVOA_U

ClientSampleId :

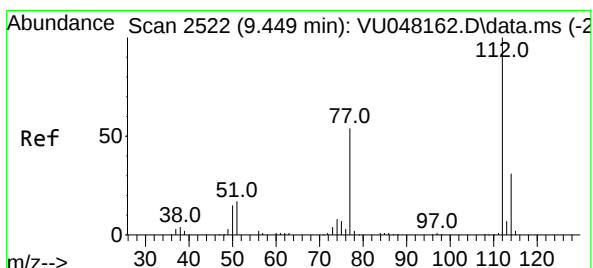
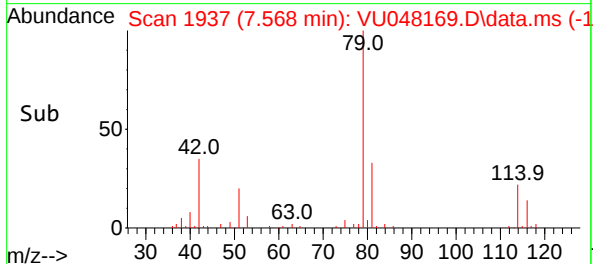
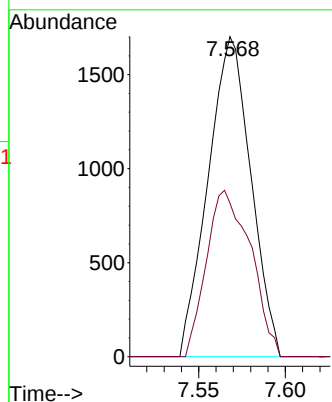
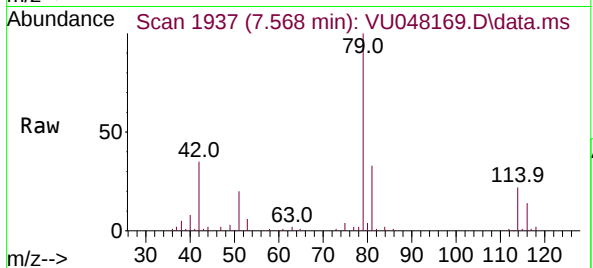
C0J46

Tgt Ion: 75 Resp: 2921

Ion Ratio Lower Upper

75 100

77 48.0 21.8 40.6#



#51

Chlorobenzene

Concen: 5.648 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048169.D

Acq: 21 Apr 2022 13:48

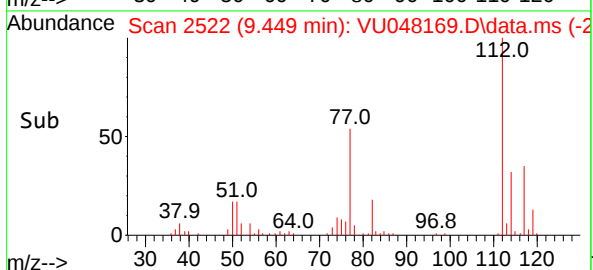
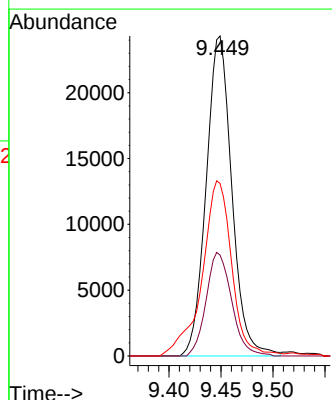
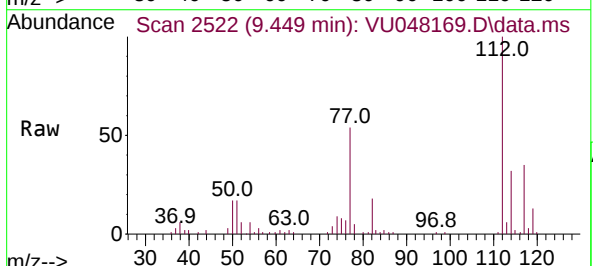
Tgt Ion: 112 Resp: 41774

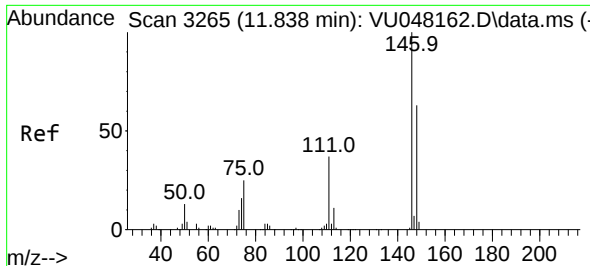
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 53.9 43.4 65.0

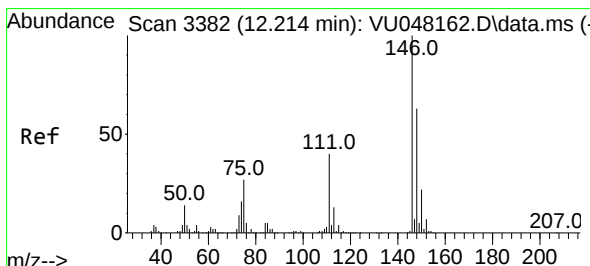
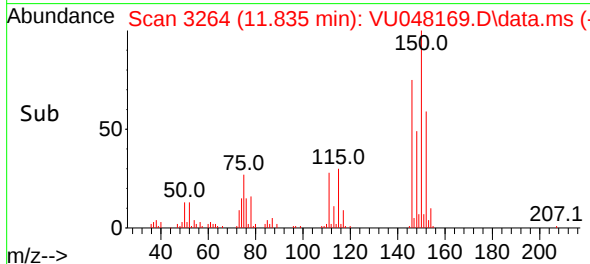
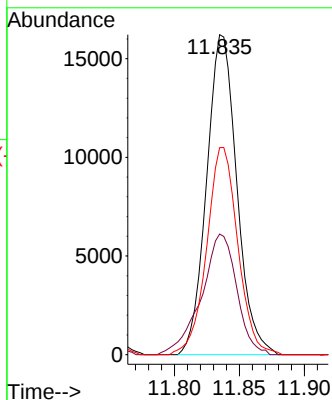
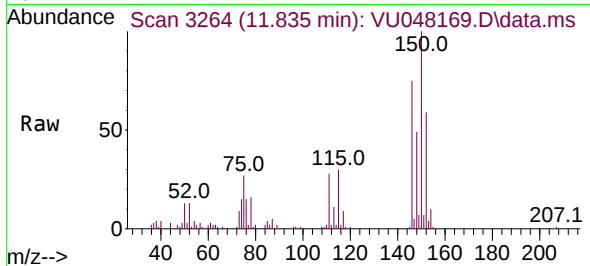




#65
1,4-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

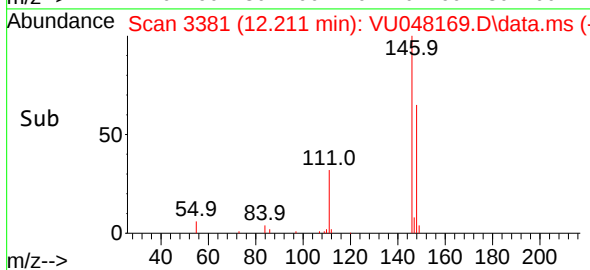
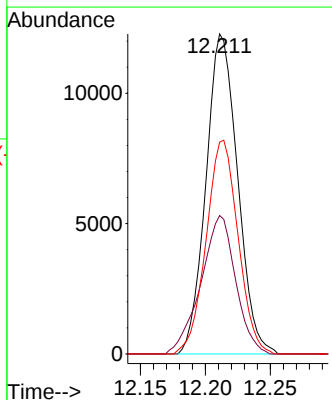
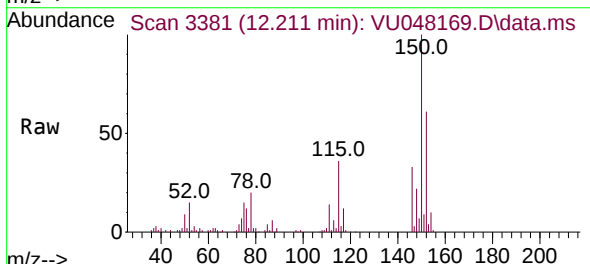
Instrument :
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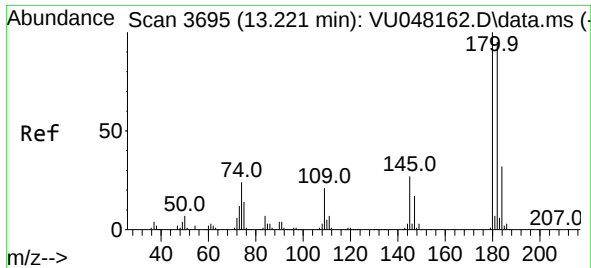
Tgt Ion:146 Resp: 26238
Ion Ratio Lower Upper
146 100
111 37.7 25.3 47.1
148 64.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 4.364 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048169.D
Acq: 21 Apr 2022 13:48

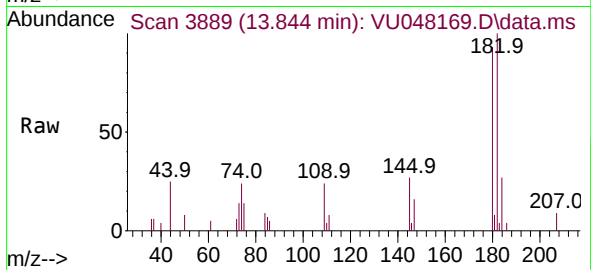
Tgt Ion:146 Resp: 20814
Ion Ratio Lower Upper
146 100
111 43.2 31.7 47.5
148 66.2 51.4 77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 1.210 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU048169.D
 Acq: 21 Apr 2022 13:48

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Tgt Ion:	180	Resp:	4683
Ion	Ratio	Lower	Upper
180	100		
182	103.4	77.0	115.6
184	28.6	24.5	36.7
145	27.8	21.0	31.6

