

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048150.D
 Acq On : 20 Apr 2022 18:04
 Operator : SY/MD
 Sample : N2485-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J06

Quant Time: Apr 21 02:43:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

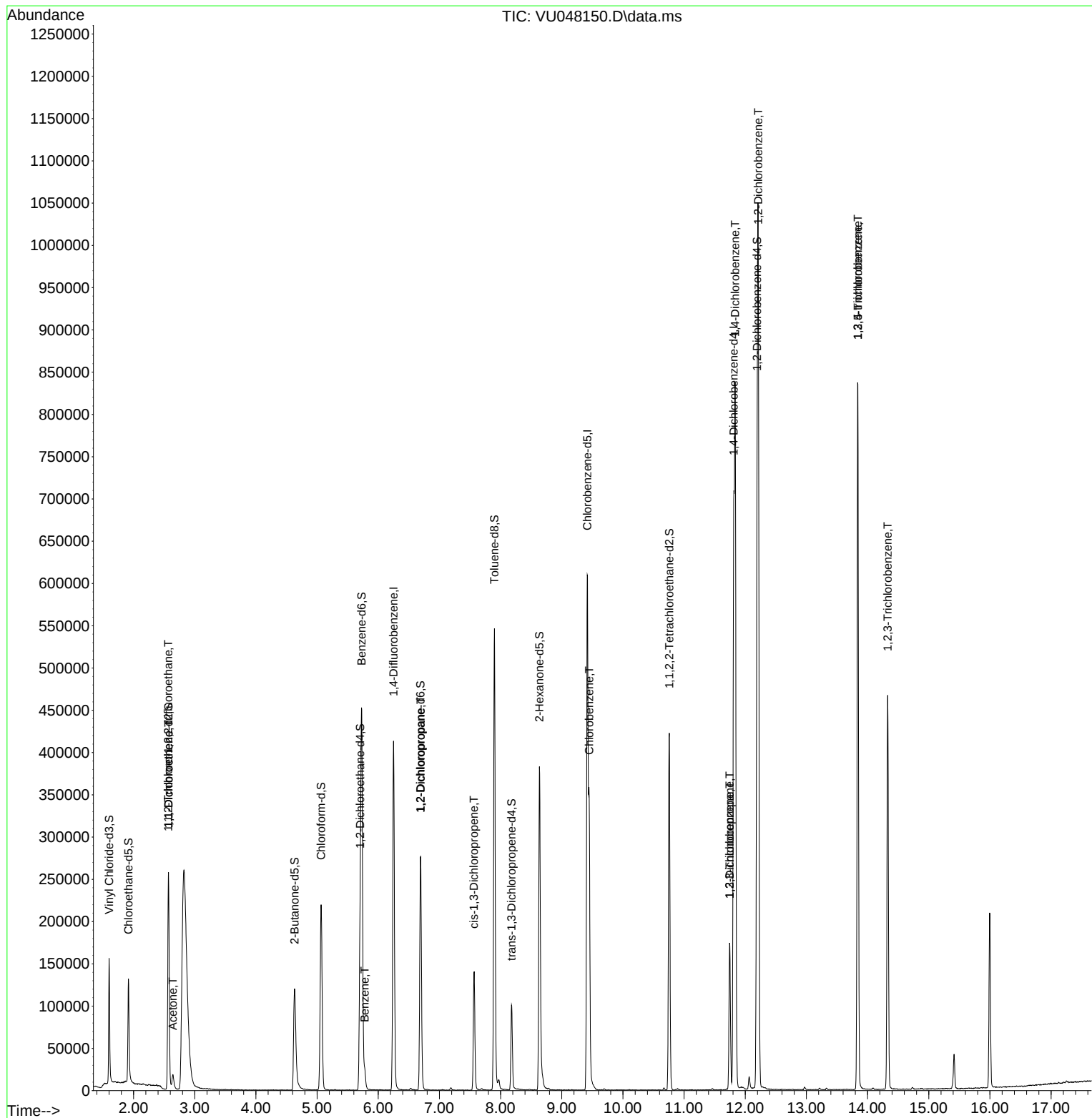
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355944	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	363834	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110840	42.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.880%
7) Chloroethane-d5	1.916	69	96304	47.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.640%
11) 1,1-Dichloroethene-d2	2.571	63	148681	31.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.960%
21) 2-Butanone-d5	4.632	46	192522	86.898	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.900%
24) Chloroform-d	5.067	84	211257	44.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
26) 1,2-Dichloroethane-d4	5.703	65	131925	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
32) Benzene-d6	5.729	84	432239	47.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
36) 1,2-Dichloropropane-d6	6.690	67	139416	49.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.180%
41) Toluene-d8	7.899	98	380505	42.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	8.179	79	58825	41.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.600%
47) 2-Hexanone-d5	8.636	63	137222	83.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213967	44.344	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	165910	50.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1309	0.499	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1272	0.521	ug/L #	1
13) Acetone	2.642	43	24523	11.894	ug/L	100
33) Benzene	5.777	78	20763	1.972	ug/L	100
37) 1,2-Dichloropropane	6.694	63	13994	5.227	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3132	0.754	ug/L #	71
51) Chlorobenzene	9.449	112	190618	24.295	ug/L	100
60) 1,2,3-Trichloropropane	11.745	75	21570	6.181	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	78467	14.111	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	336905	58.493	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	392784	70.594	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	280855	62.190	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	280855	71.001	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	160330	40.432	ug/L	99

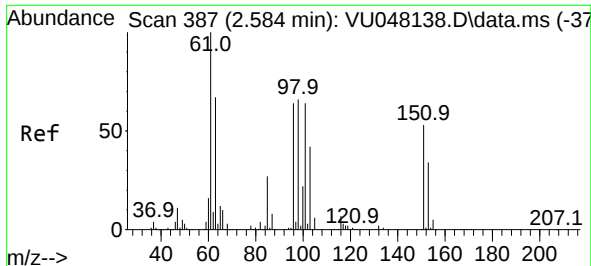
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.499 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048150.D

Acq: 20 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

C0J06

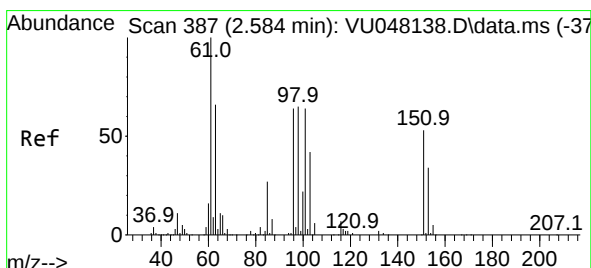
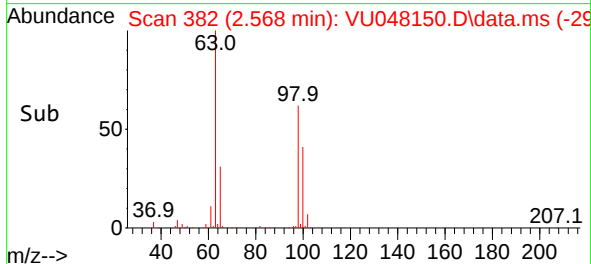
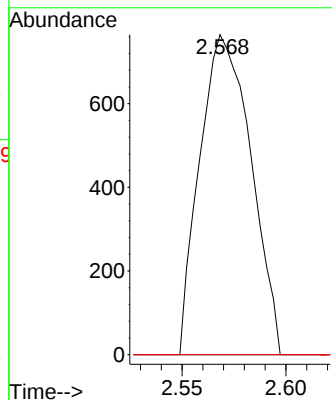
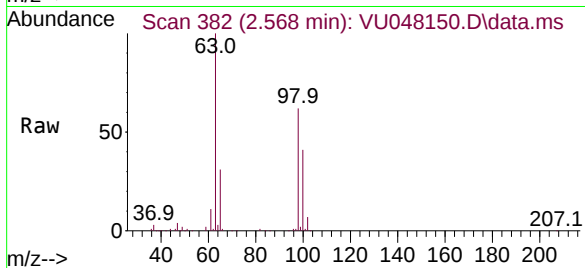
Tgt Ion:101 Resp: 1309

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: 0.521 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048150.D

Acq: 20 Apr 2022 18:04

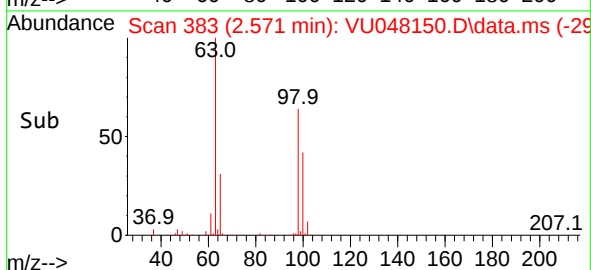
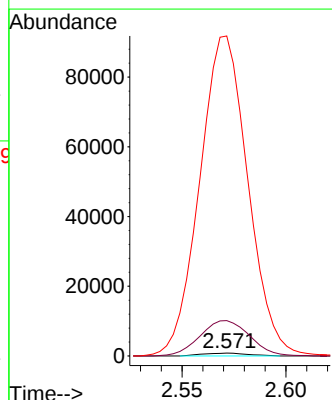
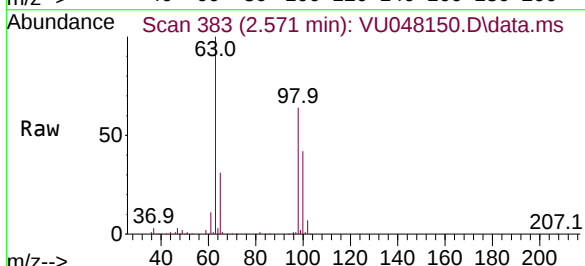
Tgt Ion: 96 Resp: 1272

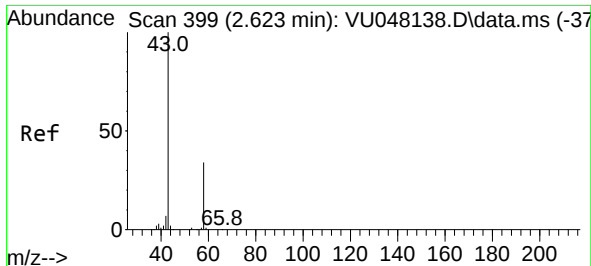
Ion Ratio Lower Upper

96 100

61 1255.3 113.1 210.1#

63 11377.4 94.8 176.0#





#13

Acetone

Concen: 11.894 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.019 min

Lab File: VU048150.D

Acq: 20 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

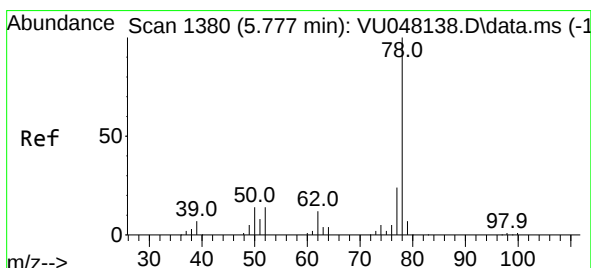
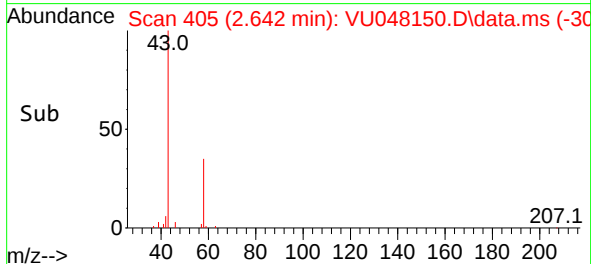
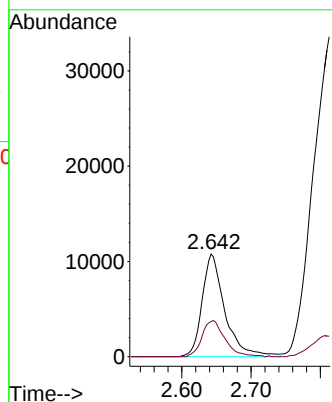
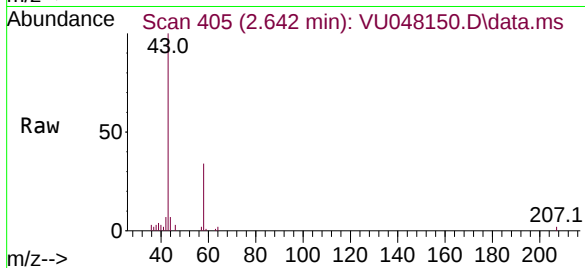
C0J06

Tgt Ion: 43 Resp: 24523

Ion Ratio Lower Upper

43 100

58 35.2 0.0 70.0



#33

Benzene

Concen: 1.972 ug/L

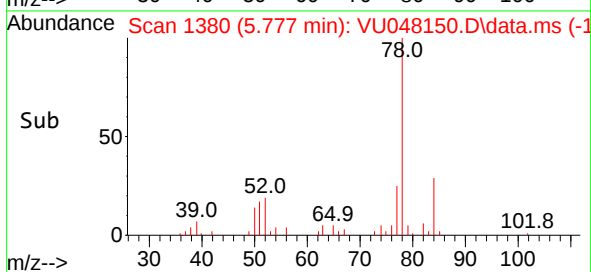
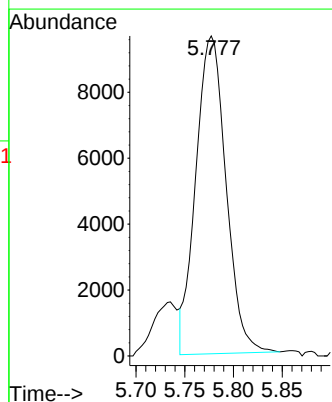
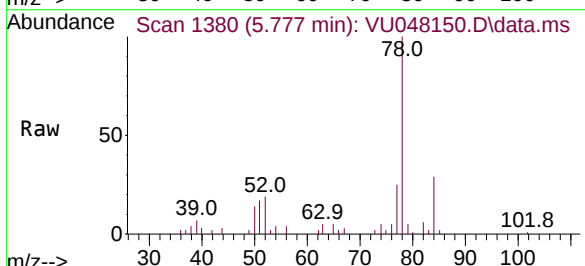
RT: 5.777 min Scan# 1380

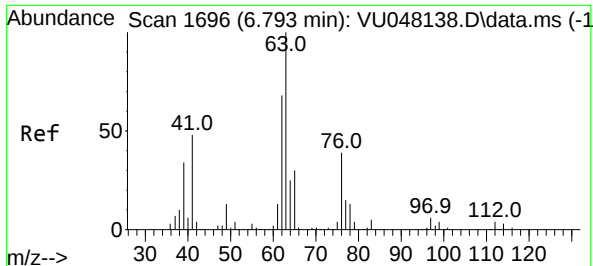
Delta R.T. -0.000 min

Lab File: VU048150.D

Acq: 20 Apr 2022 18:04

Tgt Ion: 78 Resp: 20763





#37

1,2-Dichloropropane

Concen: 5.227 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048150.D

Acq: 20 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

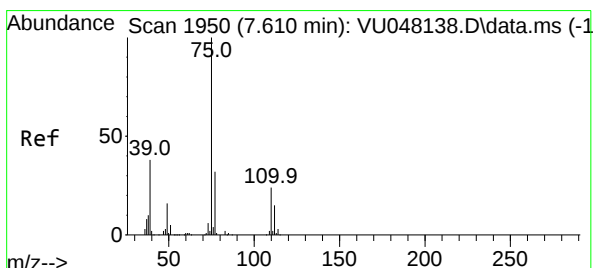
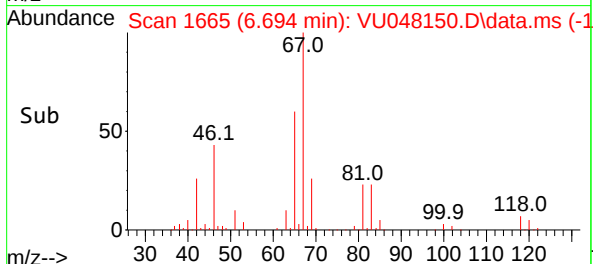
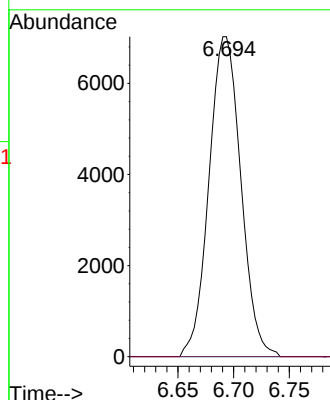
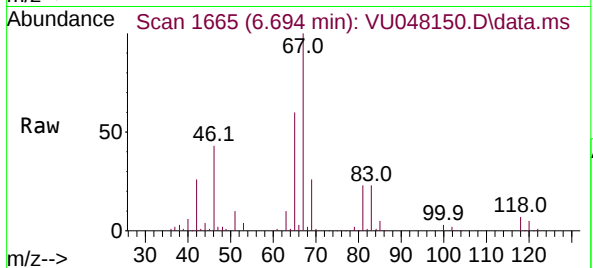
C0J06

Tgt Ion: 63 Resp: 13994

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048150.D

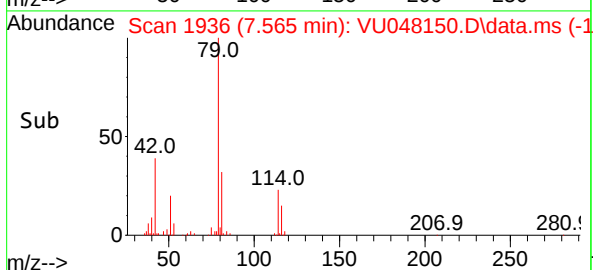
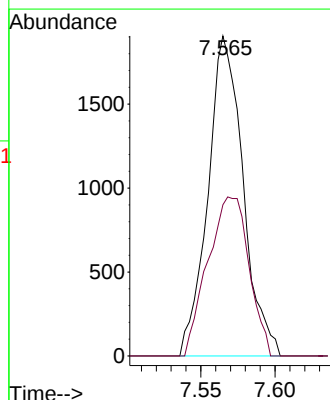
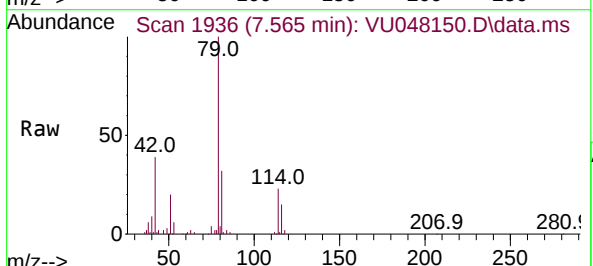
Acq: 20 Apr 2022 18:04

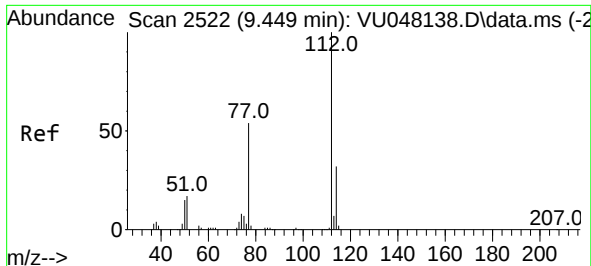
Tgt Ion: 75 Resp: 3132

Ion Ratio Lower Upper

75 100

77 47.3 21.8 40.6#

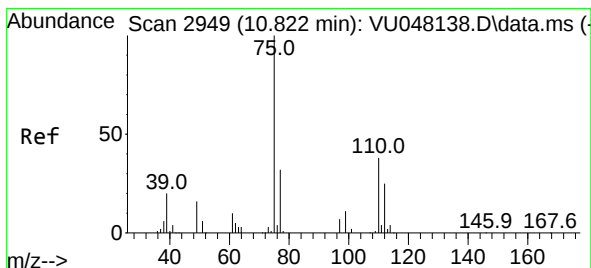
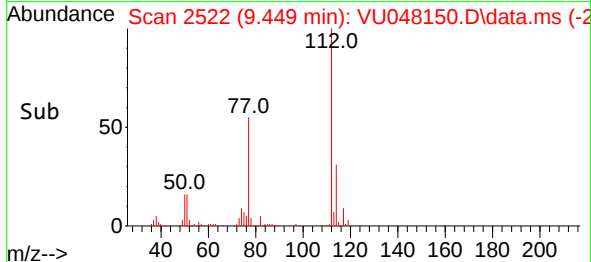
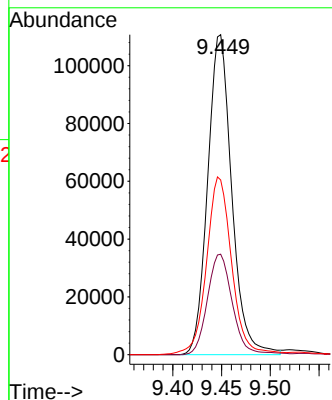
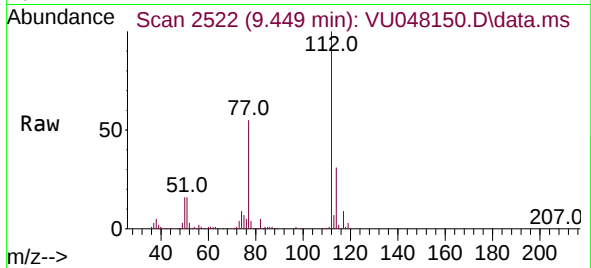




#51
Chlorobenzene
Concen: 24.295 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

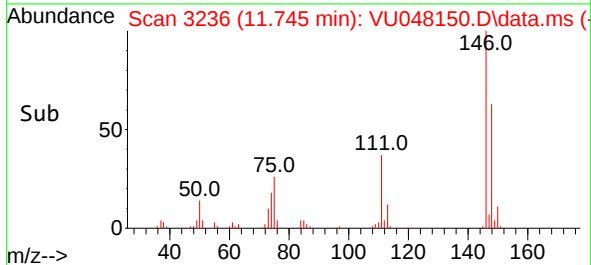
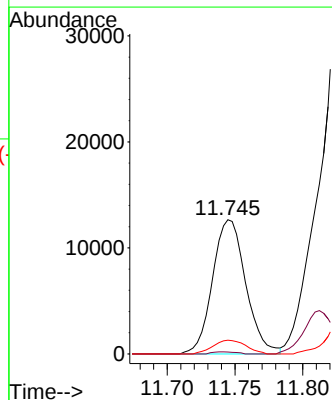
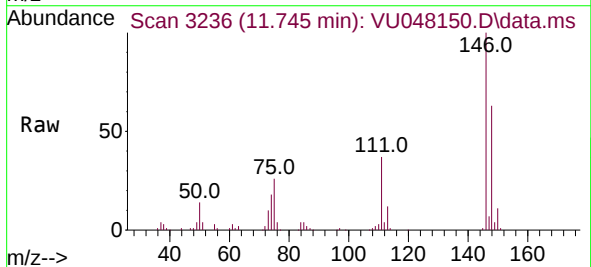
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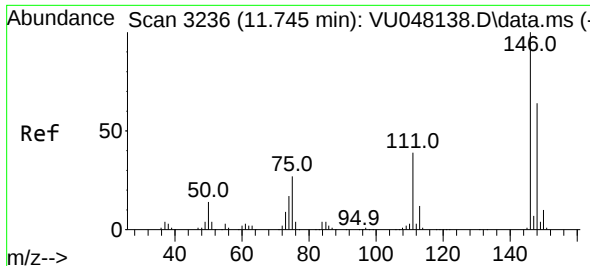
Tgt Ion:112 Resp: 190618
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 54.6 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 6.181 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

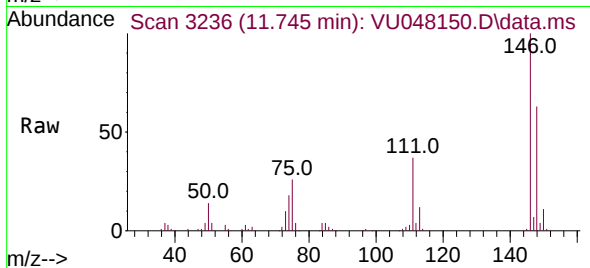
Tgt Ion: 75 Resp: 21570
Ion Ratio Lower Upper
75 100
77 1.1 26.0 39.0#
110 10.2 31.4 47.2#



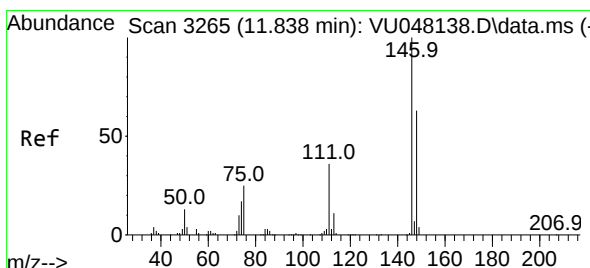
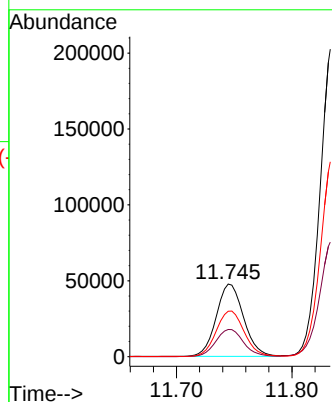
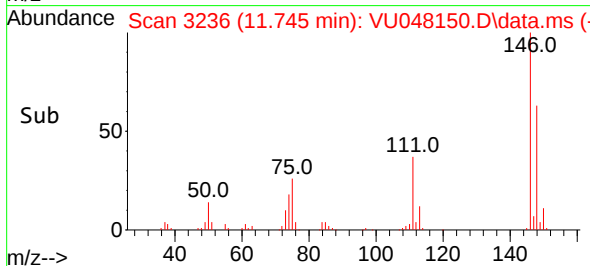


#64
1,3-Dichlorobenzene
Concen: 14.111 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

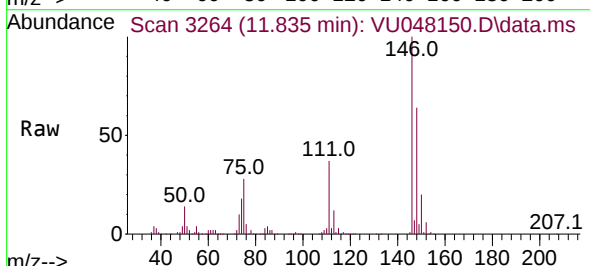
Instrument :
MSVOA_U
ClientSampleId :
C0J06



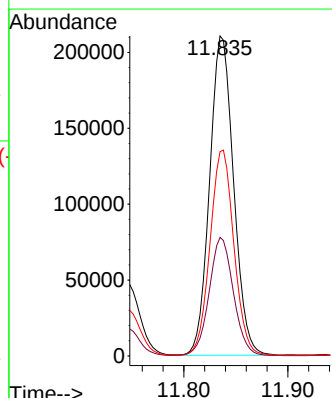
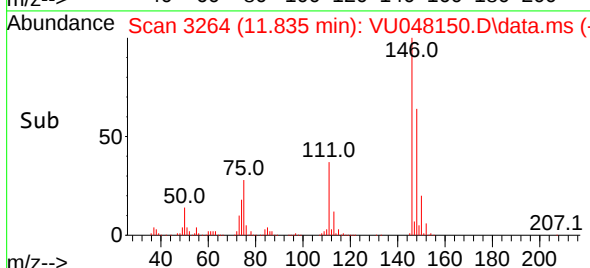
Tgt Ion:146 Resp: 78467
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 62.6 44.4 82.5

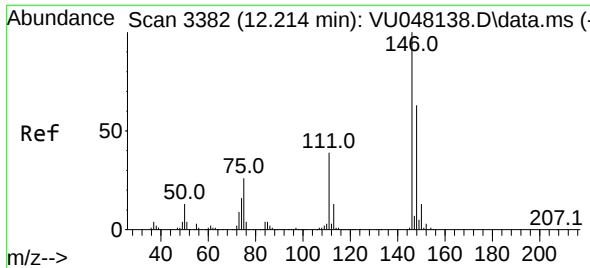


#65
1,4-Dichlorobenzene
Concen: 58.493 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04



Tgt Ion:146 Resp: 336905
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 63.9 44.5 82.7

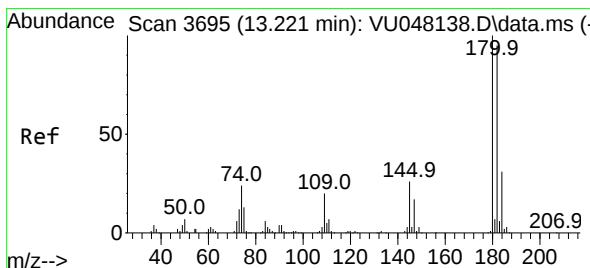
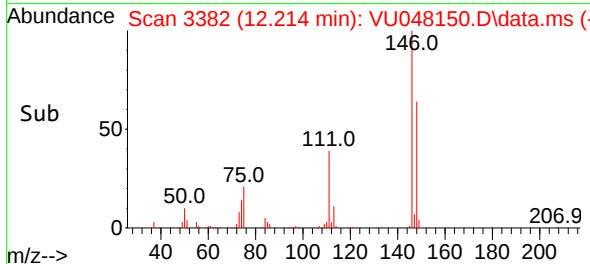
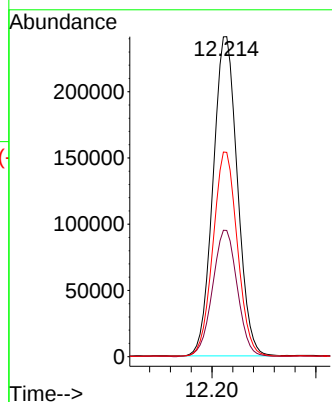
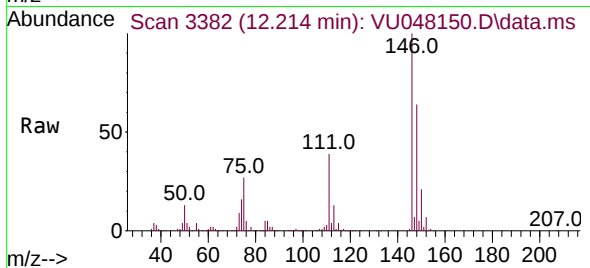




#67
1,2-Dichlorobenzene
Concen: 70.594 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

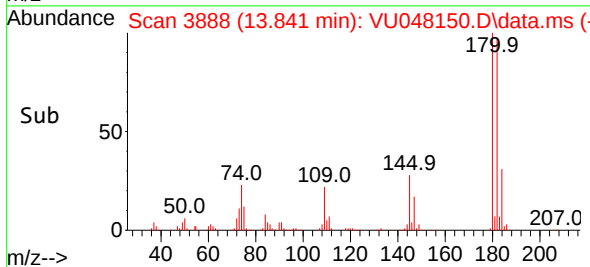
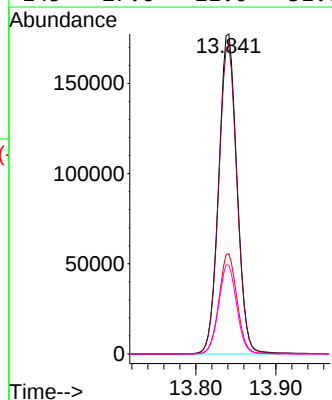
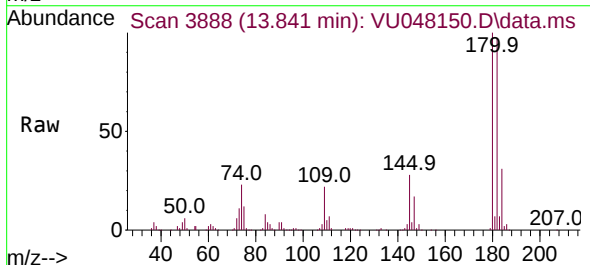
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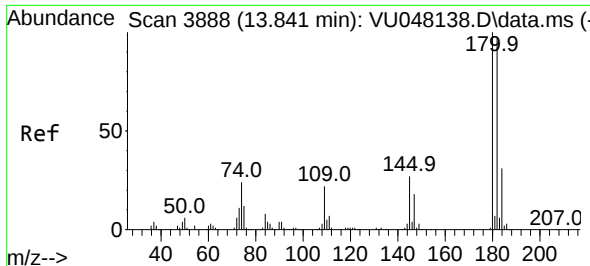
Tgt Ion:146 Resp: 392784
Ion Ratio Lower Upper
146 100
111 39.5 31.7 47.5
148 63.9 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 62.190 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.620 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

Tgt Ion:180 Resp: 280855
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.6
184 30.9 24.5 36.7
145 27.6 21.0 31.6

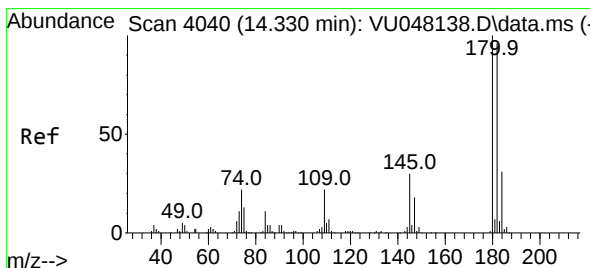
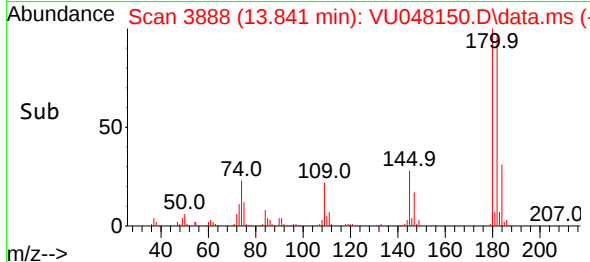
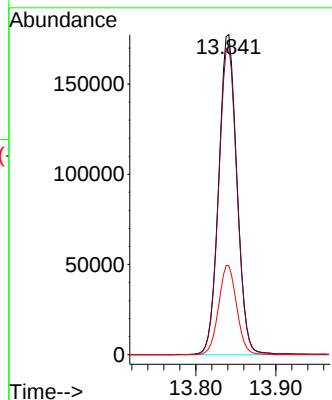
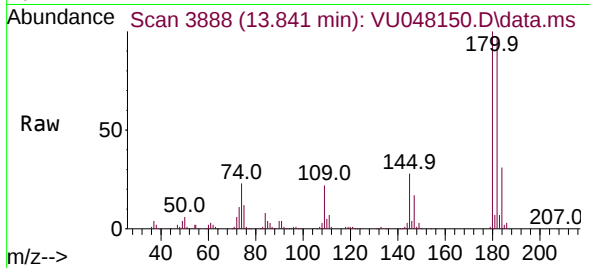




#70
1,2,4-trichlorobenzene
Concen: 71.001 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

Instrument :
MSVOA_U
ClientSampleId :
C0J06

Tgt Ion:180 Resp: 280855
Ion Ratio Lower Upper
180 100
182 97.0 76.2 114.2
145 27.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 40.432 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048150.D
Acq: 20 Apr 2022 18:04

Tgt Ion:180 Resp: 160330
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
145 29.1 22.8 34.2

