

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048119.D
 Acq On : 18 Apr 2022 14:30
 Operator : SY/MD
 Sample : N2419-04DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47DL

Quant Time: Apr 19 03:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

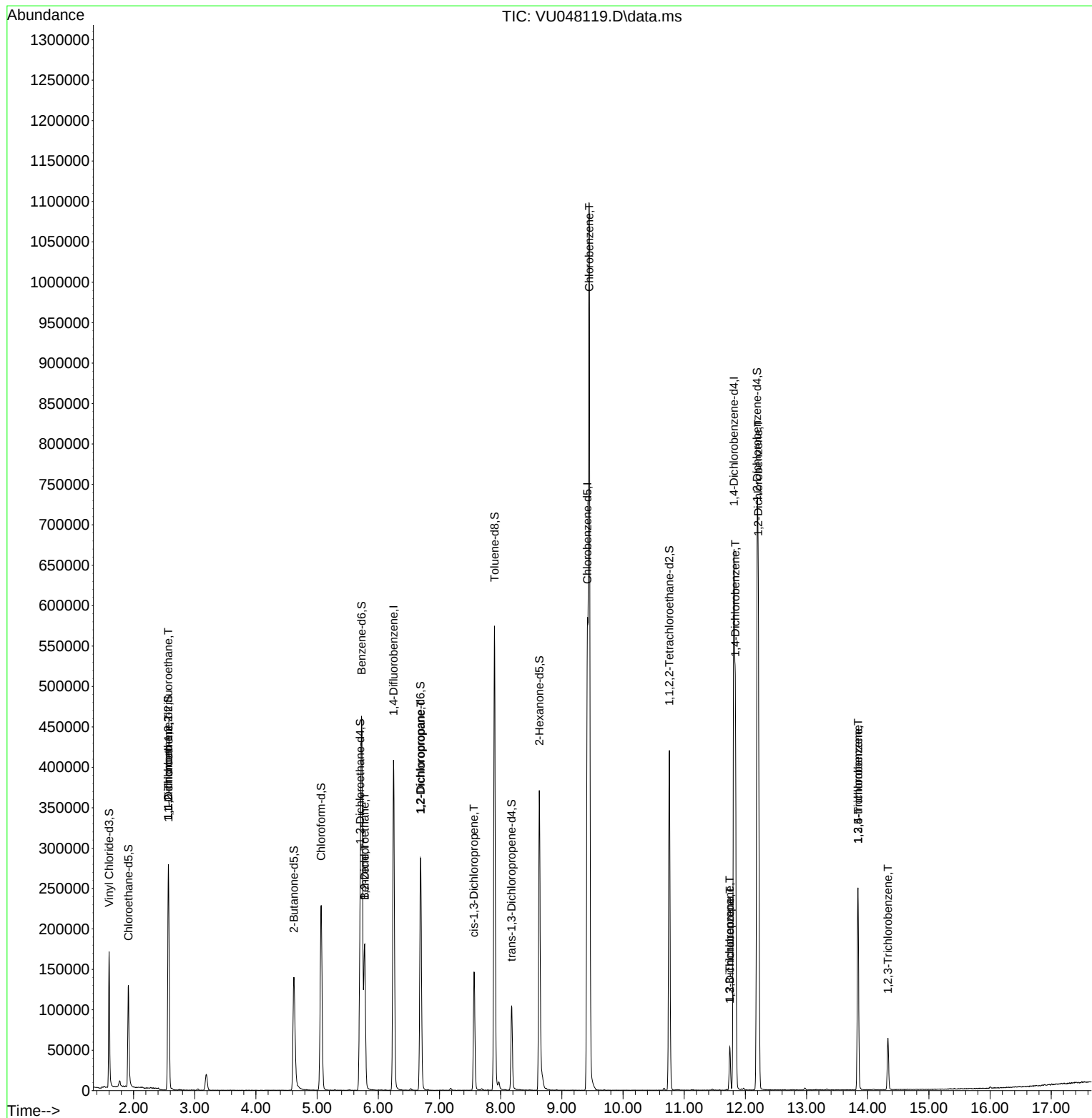
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344678	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	127126	50.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.720%
7) Chloroethane-d5	1.916	69	104030	52.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.560%
11) 1,1-Dichloroethene-d2	2.568	63	162178	35.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	4.620	46	188850	88.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.030%
24) Chloroform-d	5.067	84	218323	47.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
26) 1,2-Dichloroethane-d4	5.703	65	135330	48.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
32) Benzene-d6	5.729	84	446199	54.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.380%
36) 1,2-Dichloropropane-d6	6.690	67	144381	57.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.240%
41) Toluene-d8	7.899	98	389021	48.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	8.179	79	58948	46.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.880%
47) 2-Hexanone-d5	8.633	63	125781	85.747	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206669	48.059	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	170315	52.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.100%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1599	0.629	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1291	0.546	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	1400	0.383	ug/L #	75
33) Benzene	5.777	78	176080	18.760	ug/L	100
37) 1,2-Dichloropropane	6.694	63	14801	6.203	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	3196	0.863	ug/L #	55
51) Chlorobenzene	9.446	112	612779	87.634	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	6267	1.825	ug/L #	49
64) 1,3-Dichlorobenzene	11.748	146	23117	4.224	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	195192	34.434	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211333	38.593	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	84213	18.947	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	84213	21.632	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	21936	5.621	ug/L	98

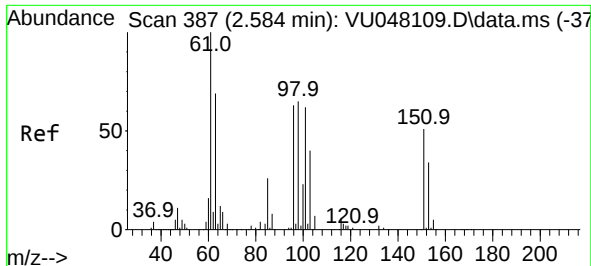
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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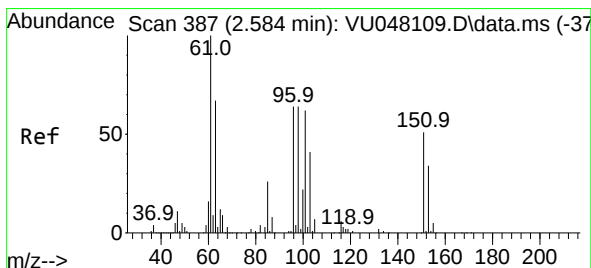
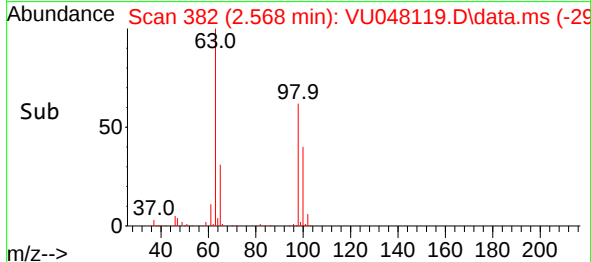
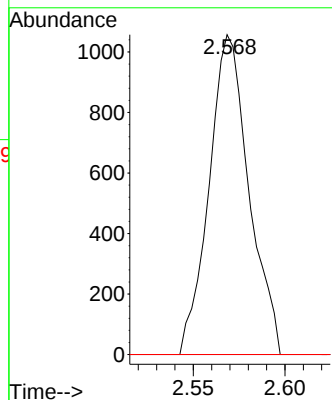
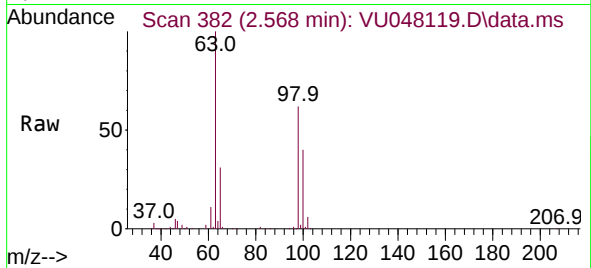




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.629 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU048119.D
 Acq: 18 Apr 2022 14:30

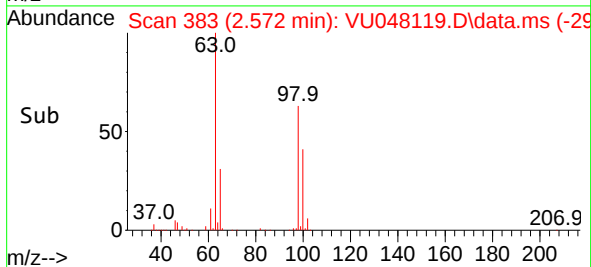
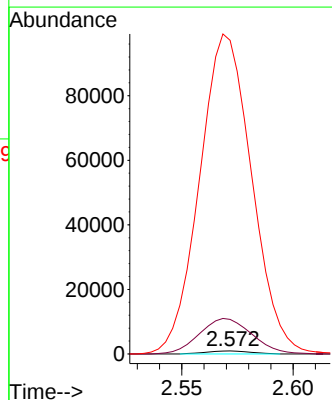
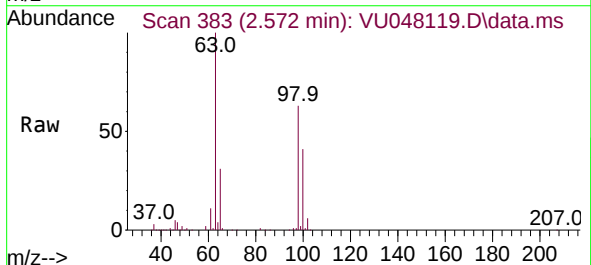
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47DL

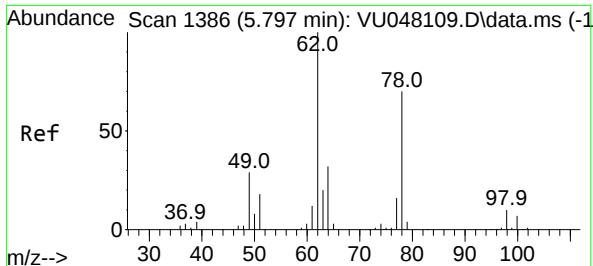
Tgt Ion:101 Resp: 1599
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.546 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048119.D
 Acq: 18 Apr 2022 14:30

Tgt Ion: 96 Resp: 1291
 Ion Ratio Lower Upper
 96 100
 61 1141.5 113.1 210.1#
 63 10358.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.383 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048119.D

Acq: 18 Apr 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

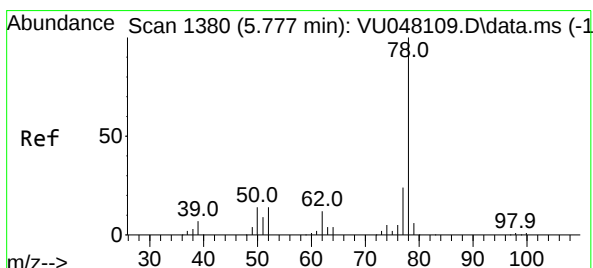
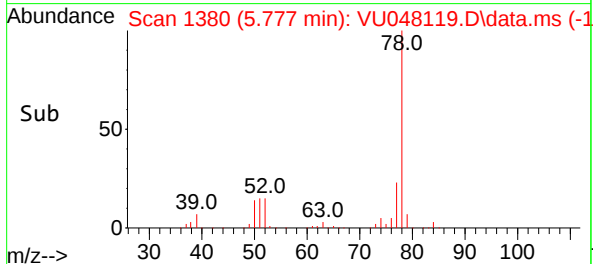
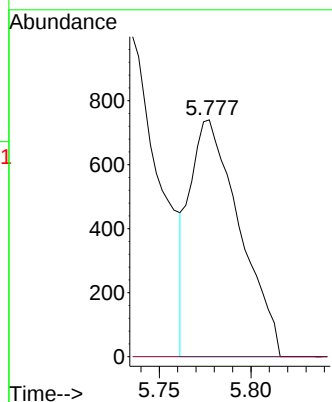
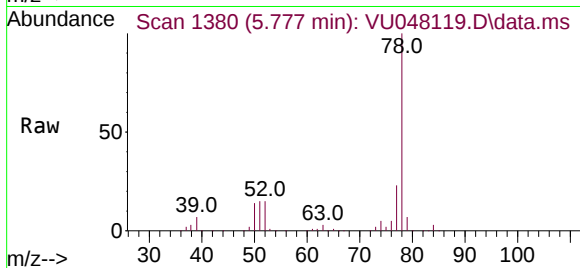
C0J47DL

Tgt Ion: 62 Resp: 1400

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 18.760 ug/L

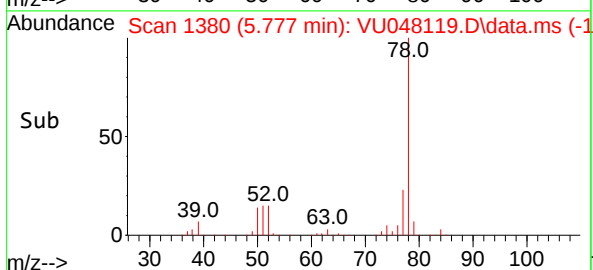
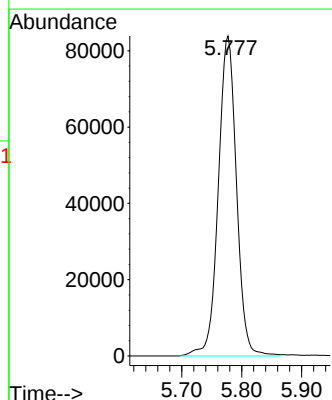
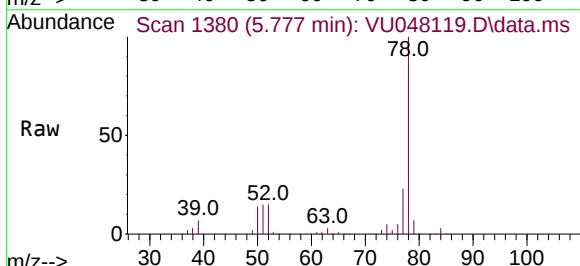
RT: 5.777 min Scan# 1380

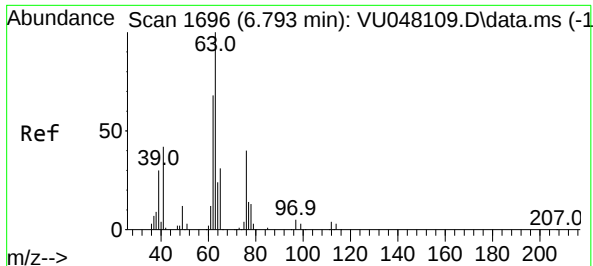
Delta R.T. 0.000 min

Lab File: VU048119.D

Acq: 18 Apr 2022 14:30

Tgt Ion: 78 Resp: 176080





#37

1,2-Dichloropropane

Concen: 6.203 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048119.D

Acq: 18 Apr 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

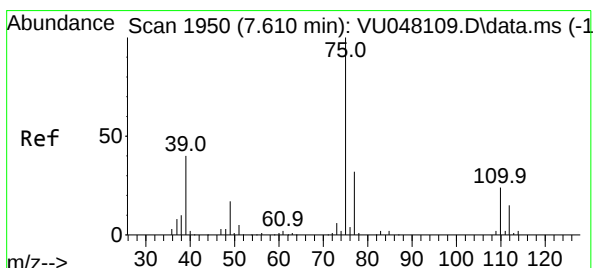
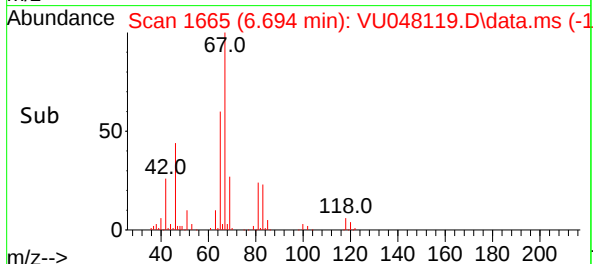
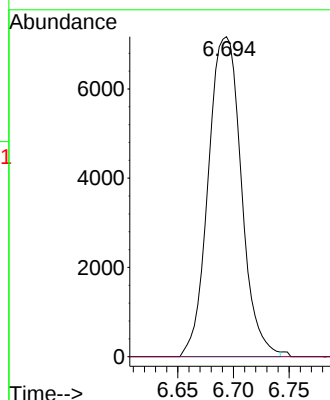
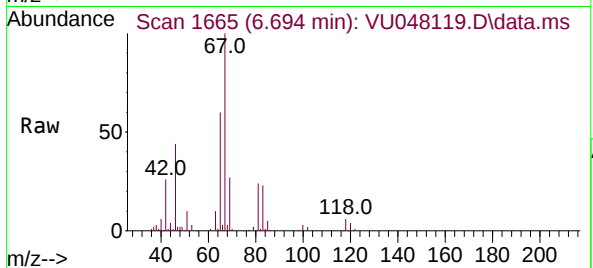
C0J47DL

Tgt Ion: 63 Resp: 14801

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.863 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU048119.D

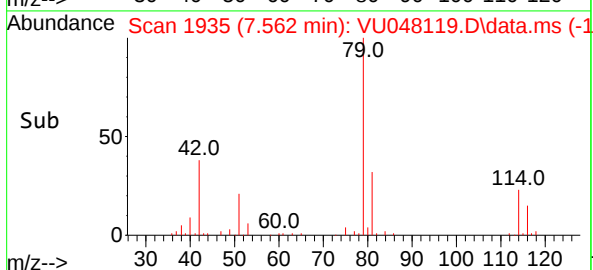
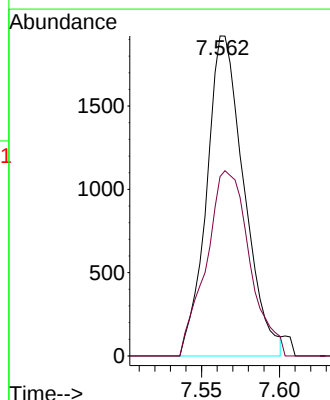
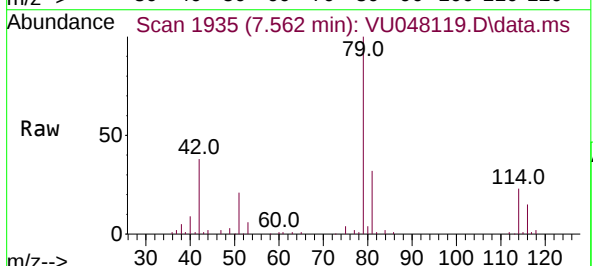
Acq: 18 Apr 2022 14:30

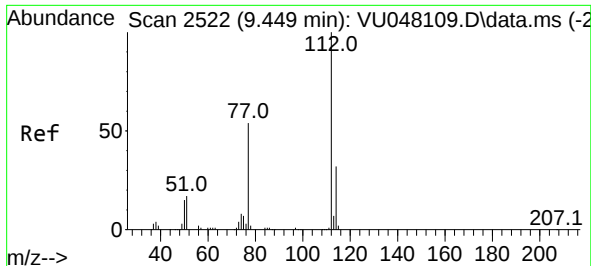
Tgt Ion: 75 Resp: 3196

Ion Ratio Lower Upper

75 100

77 56.1 21.8 40.6#

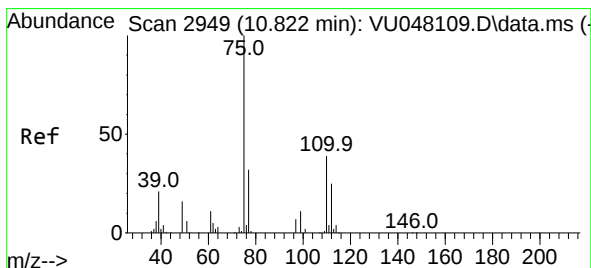
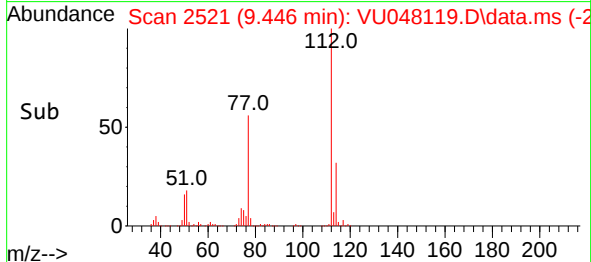
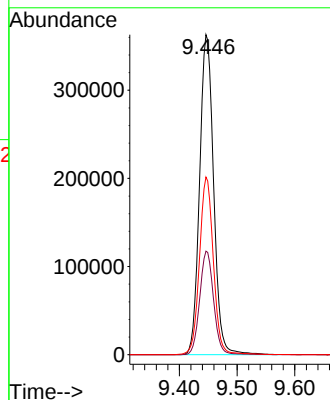
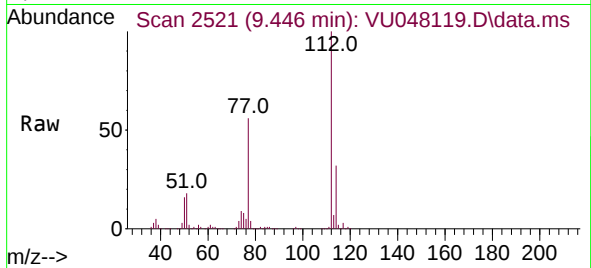




#51
Chlorobenzene
Concen: 87.634 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

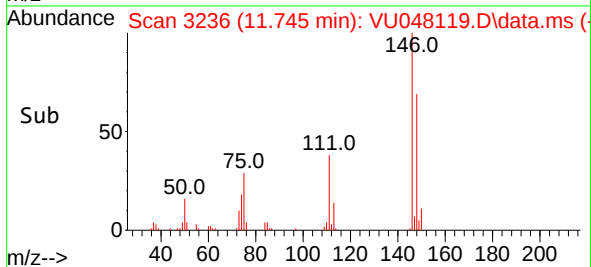
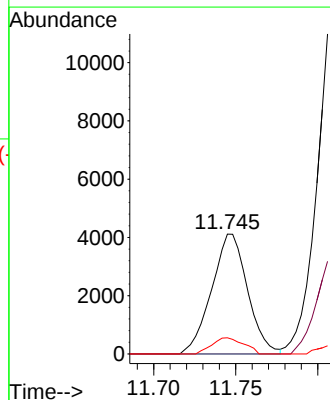
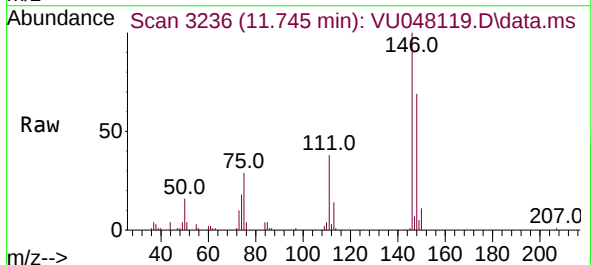
Instrument :
MSVOA_U
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C0J47DL

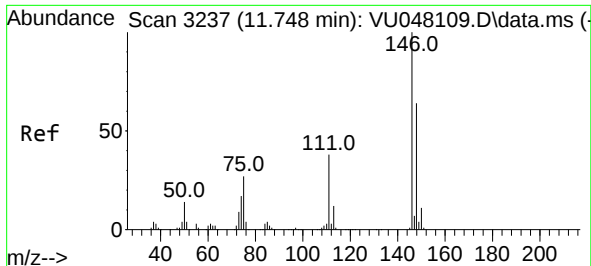
Tgt Ion:112 Resp: 612779
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 55.5 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.825 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Tgt Ion: 75 Resp: 6267
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 11.9 31.4 47.2#

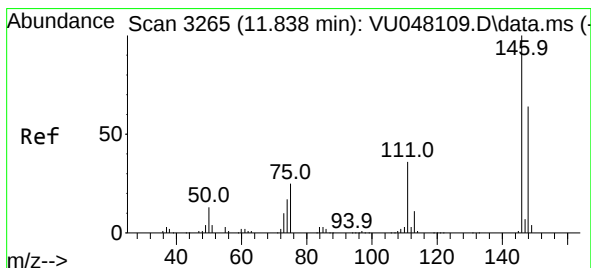
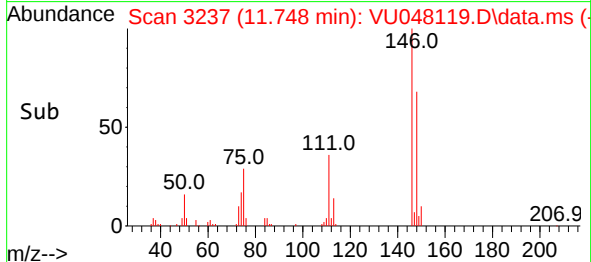
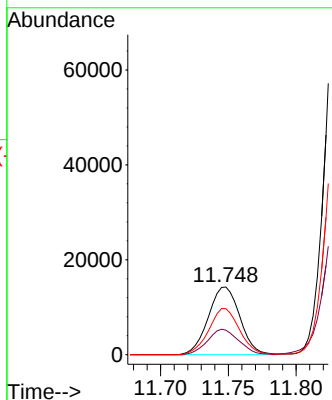
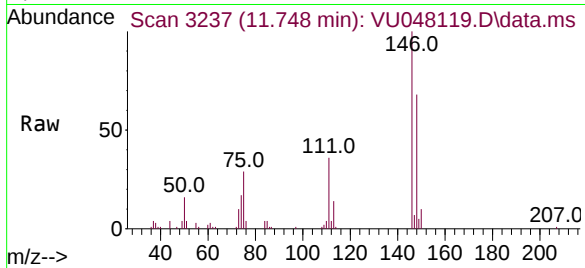




#64
 1,3-Dichlorobenzene
 Concen: 4.224 ug/L
 RT: 11.748 min Scan# 3237
 Delta R.T. 0.000 min
 Lab File: VU048119.D
 Acq: 18 Apr 2022 14:30

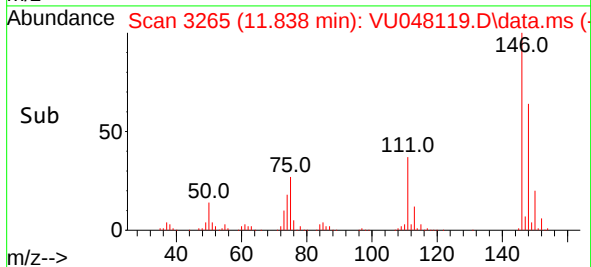
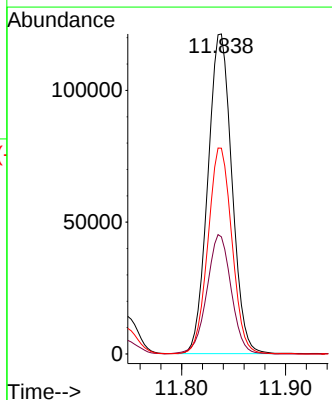
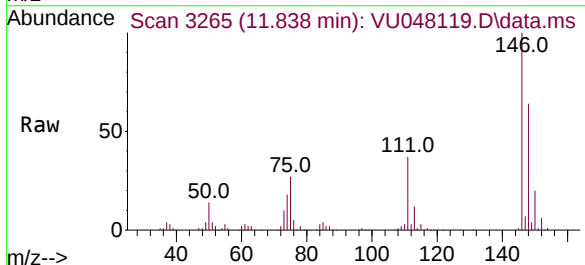
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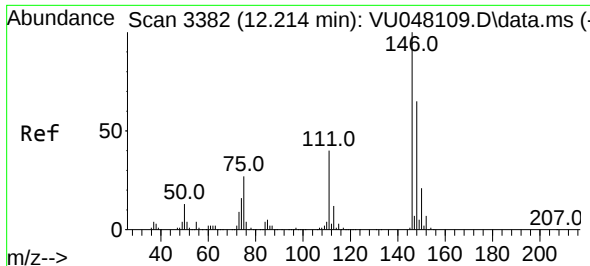
Tgt Ion:146	Resp:	23117
Ion Ratio	Lower	Upper
146	100	
111	36.2	26.7 49.7
148	68.1	44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 34.434 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU048119.D
 Acq: 18 Apr 2022 14:30

Tgt Ion:146	Resp:	195192
Ion Ratio	Lower	Upper
146	100	
111	36.6	25.3 47.1
148	64.3	44.5 82.7

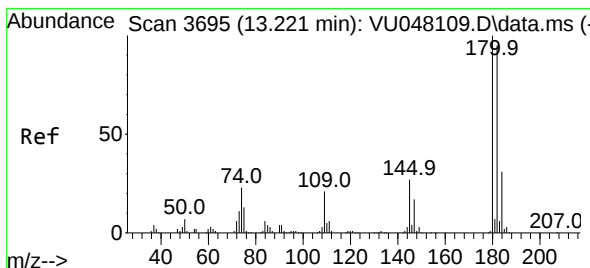
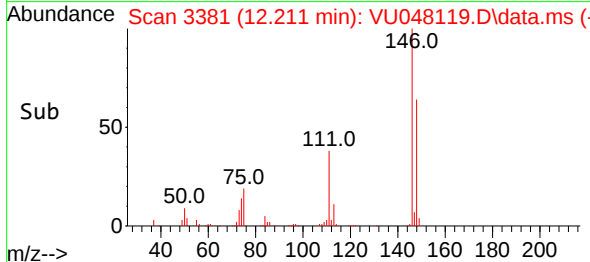
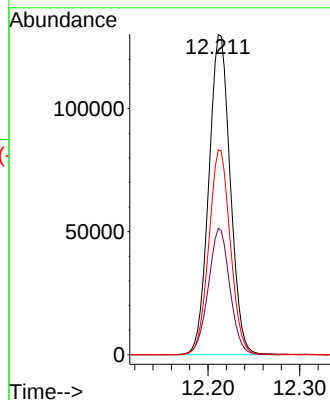
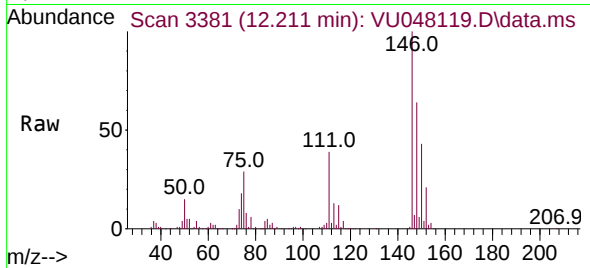




#67
1,2-Dichlorobenzene
Concen: 38.593 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

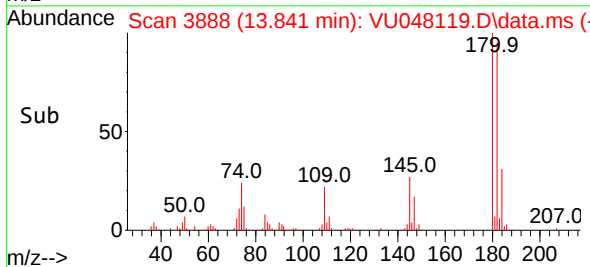
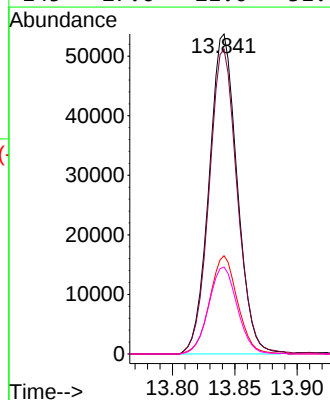
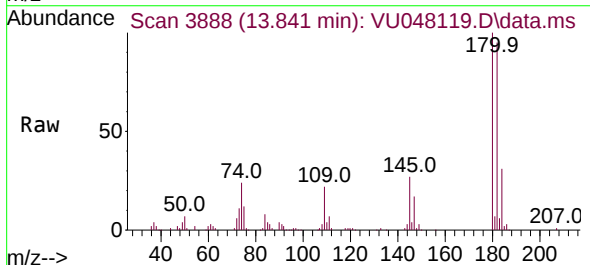
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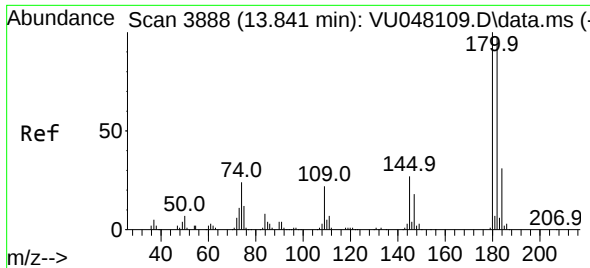
Tgt Ion:146 Resp: 211333
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 64.1 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 18.947 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Tgt Ion:180 Resp: 84213
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
184 30.6 24.5 36.7
145 27.6 21.0 31.6

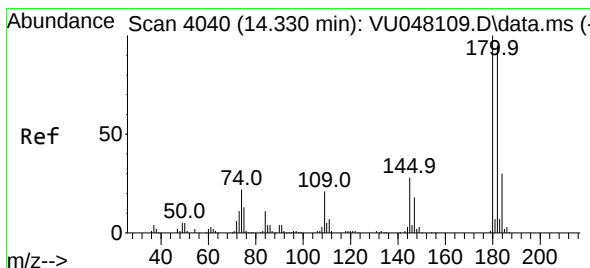
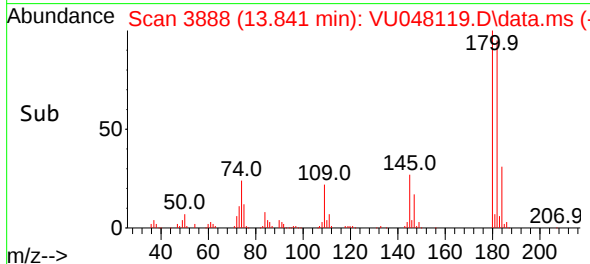
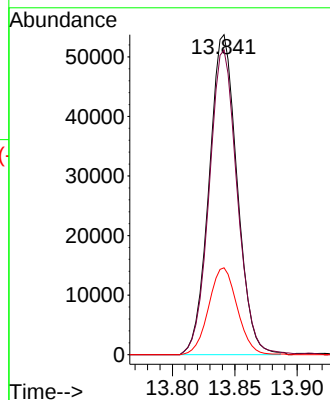
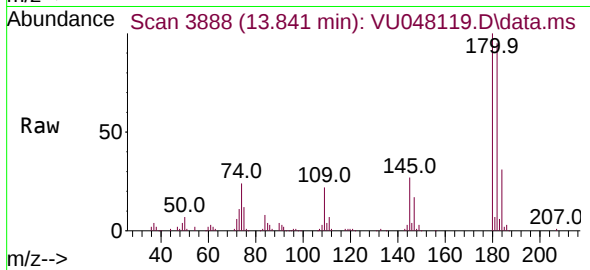




#70
1,2,4-trichlorobenzene
Concen: 21.632 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0J47DL

Tgt Ion:180 Resp: 84213
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 27.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 5.621 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Tgt Ion:180 Resp: 21936
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.0
145 29.4 22.8 34.2

