

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048237.D
 Acq On : 22 Apr 2022 20:07
 Operator : SY/MD
 Sample : N2486-08 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

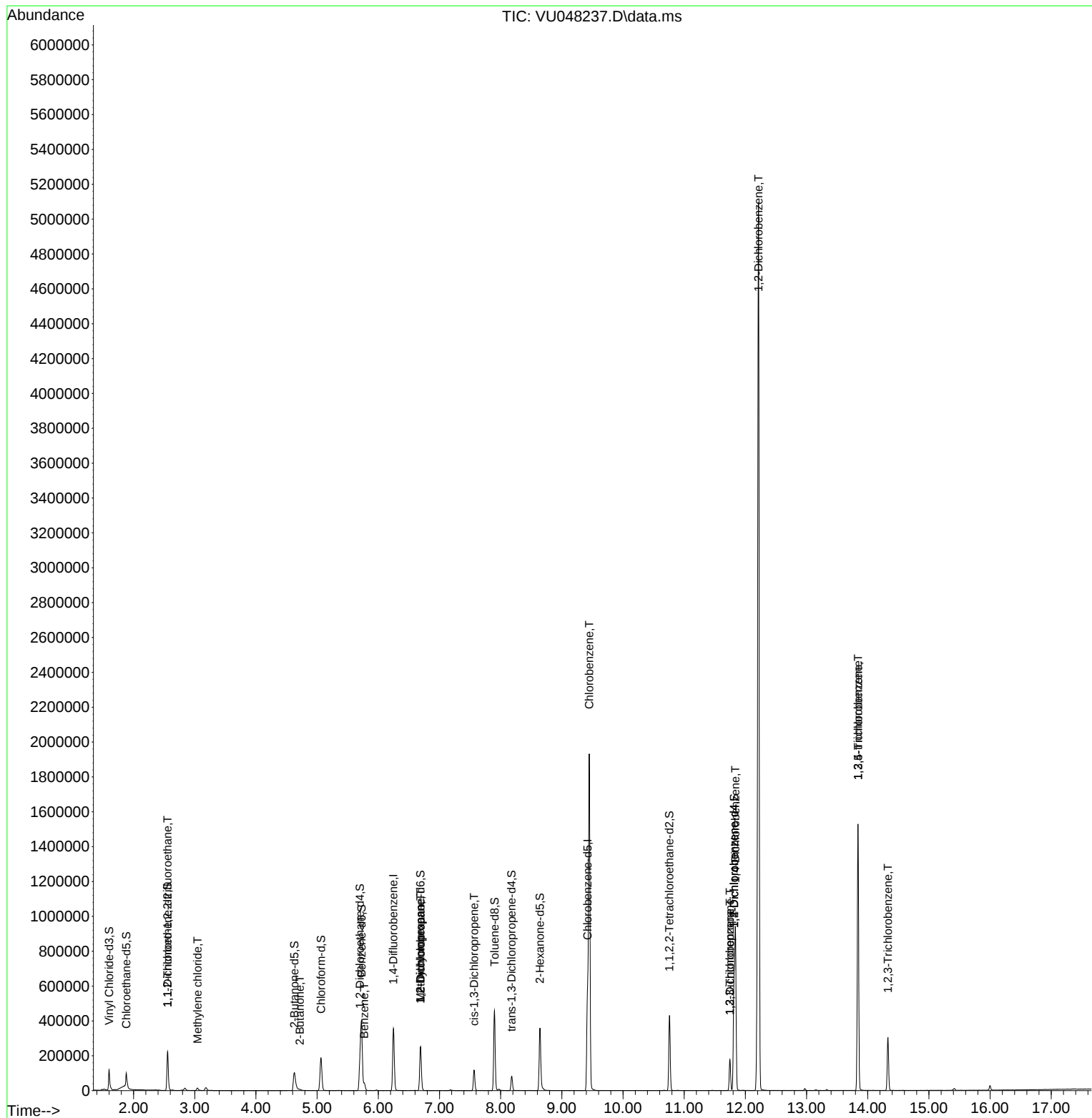
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	301648	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	321866	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	169967	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105055	48.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.060%
7) Chloroethane-d5	1.880	69	52903	30.672	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.340%#
11) 1,1-Dichloroethene-d2	2.556	63	131339	32.817	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.640%
21) 2-Butanone-d5	4.626	46	173210	92.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.250%
24) Chloroform-d	5.063	84	178646	44.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
26) 1,2-Dichloroethane-d4	5.700	65	112764	45.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
32) Benzene-d6	5.726	84	374928	46.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	6.690	67	126402	50.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	7.899	98	310286	39.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.640%#
43) trans-1,3-Dichloroprop...	8.179	79	47509	37.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.400%
47) 2-Hexanone-d5	8.642	63	124743	85.671	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.670%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217289	50.904	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.816	152	139860	46.252	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	1168	0.525	ug/L #	18
16) Methylene chloride	3.044	84	8402	3.539	ug/L	93
22) 2-Butanone	4.716	43	8060	3.581	ug/L	96
33) Benzene	5.771	78	39655	4.256	ug/L	100
35) Methylcyclohexane	6.690	83	27918	7.513	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	12298	5.193	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2679	0.729	ug/L #	52
51) Chlorobenzene	9.449	112	1095487	157.830	ug/L	97
60) 1,2,3-Trichloropropane	11.748	75	20955	6.540	ug/L #	49
64) 1,3-Dichlorobenzene	11.748	146	77699	15.218	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	377791	71.437	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	2090226	409.148	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	493213	118.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	493213	135.797	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	100679	27.652	ug/L	97

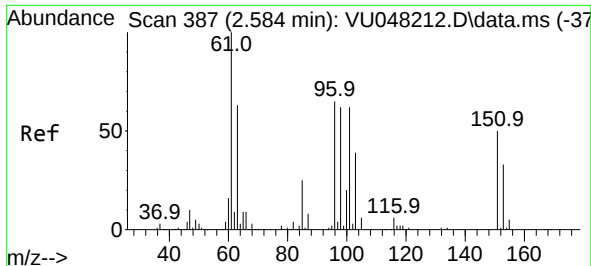
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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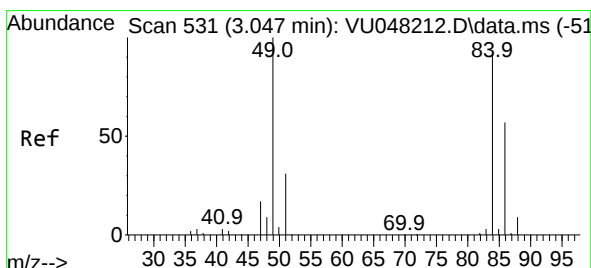
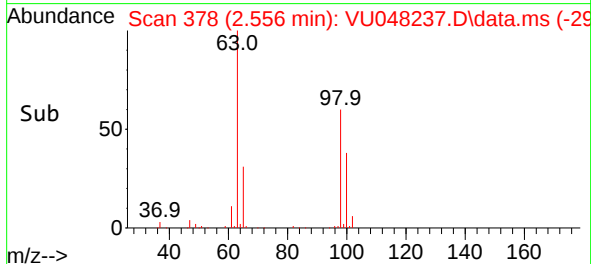
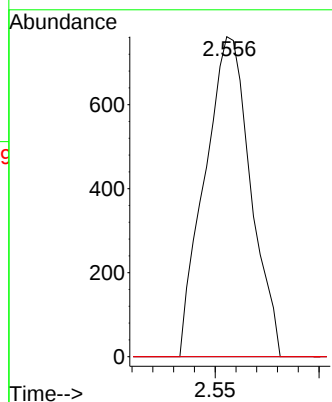
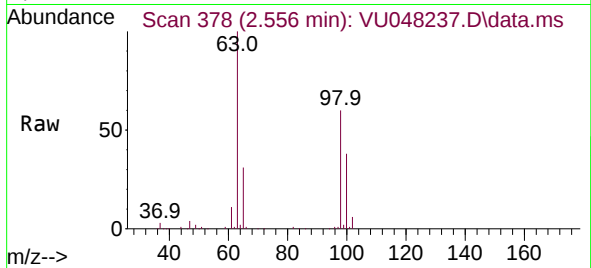




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.525 ug/L
RT: 2.556 min Scan# 31
Delta R.T. -0.029 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07

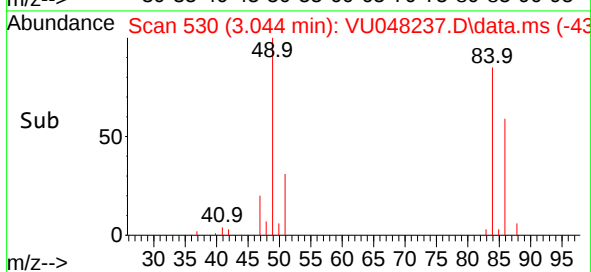
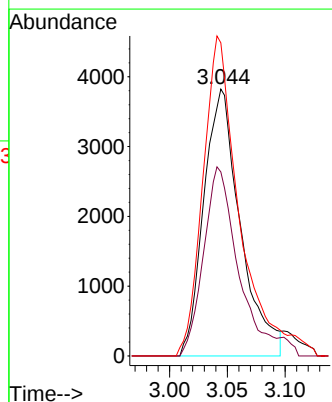
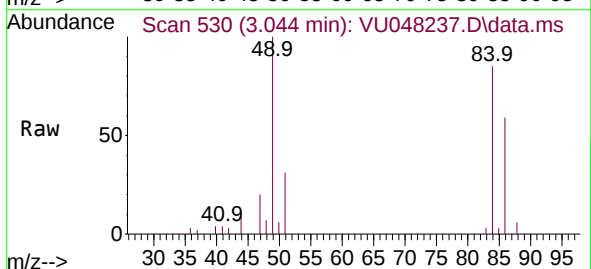
Instrument :
MSVOA_U
ClientSampleId :

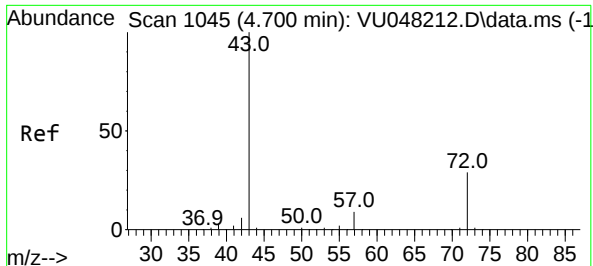
Tgt Ion:101 Resp: 1168
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#16
Methylene chloride
Concen: 3.539 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07

Tgt Ion: 84 Resp: 8402
Ion Ratio Lower Upper
84 100
86 68.9 46.0 85.4
49 117.3 75.3 139.8





#22

2-Butanone

Concen: 3.581 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048237.D

Acq: 22 Apr 2022 20:07

Instrument :

MSVOA_U

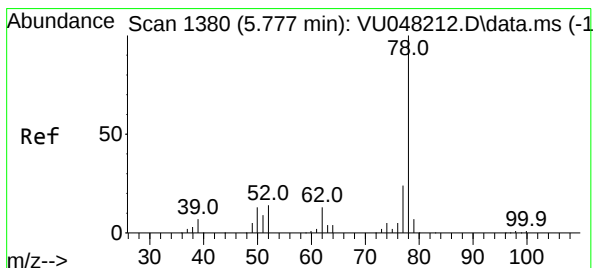
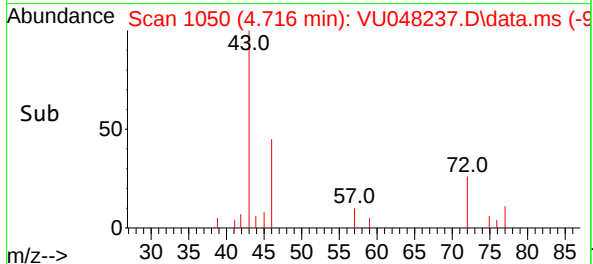
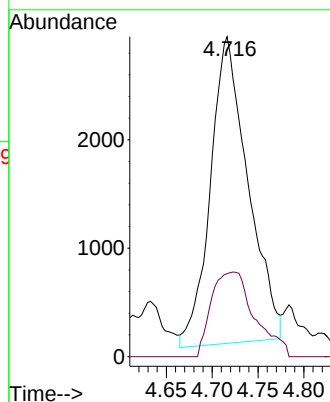
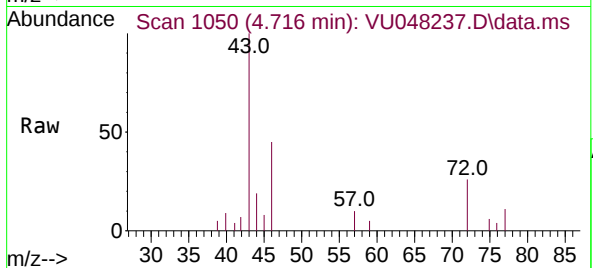
ClientSampleId :

Tgt Ion: 43 Resp: 8060

Ion Ratio Lower Upper

43 100

72 29.9 16.0 47.9



#33

Benzene

Concen: 4.256 ug/L

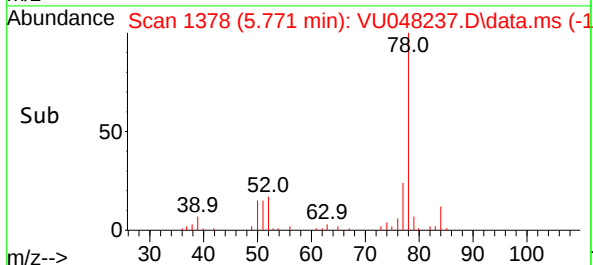
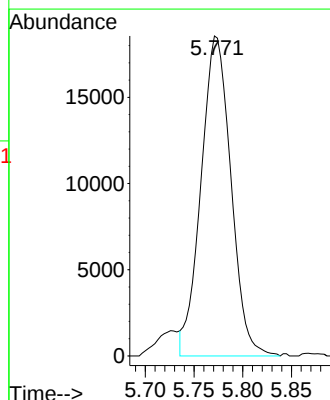
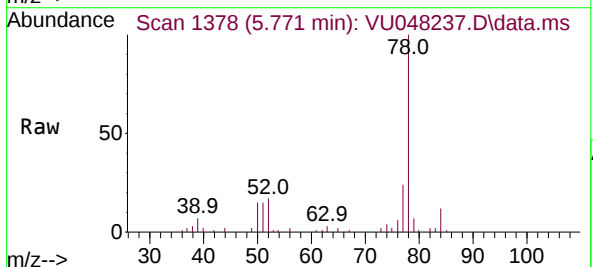
RT: 5.771 min Scan# 1378

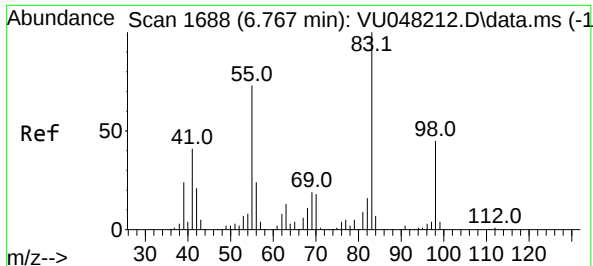
Delta R.T. -0.006 min

Lab File: VU048237.D

Acq: 22 Apr 2022 20:07

Tgt Ion: 78 Resp: 39655





#35

Methylcyclohexane

Concen: 7.513 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU048237.D

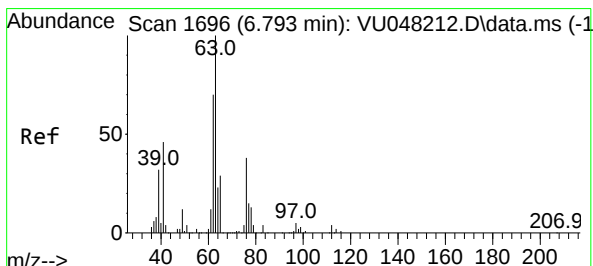
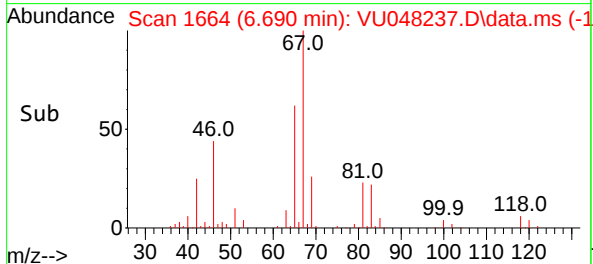
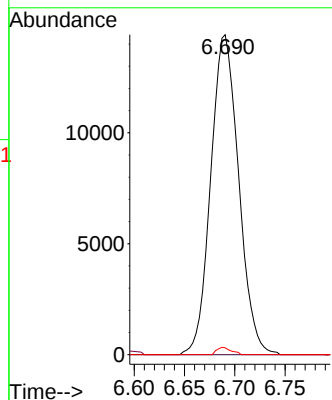
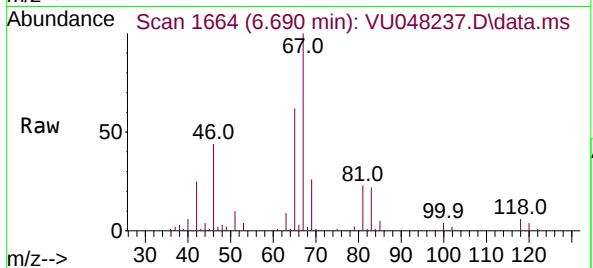
Acq: 22 Apr 2022 20:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 27918
Ion Ratio	Lower Upper
83 100	
55 0.0	56.8 85.2#
98 1.2	38.1 57.1#



#37

1,2-Dichloropropane

Concen: 5.193 ug/L

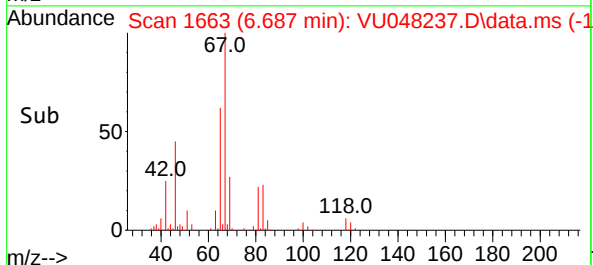
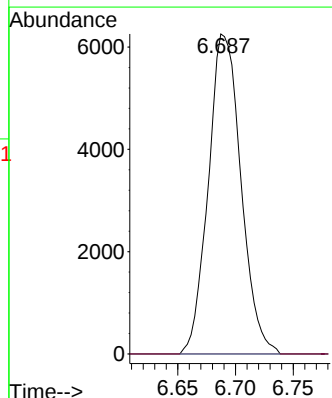
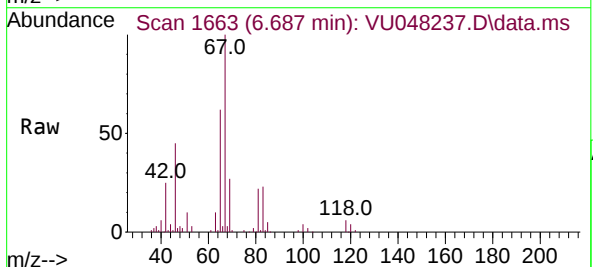
RT: 6.687 min Scan# 1663

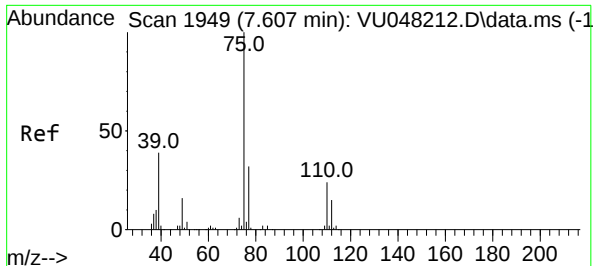
Delta R.T. -0.106 min

Lab File: VU048237.D

Acq: 22 Apr 2022 20:07

Tgt Ion: 63	Resp: 12298
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

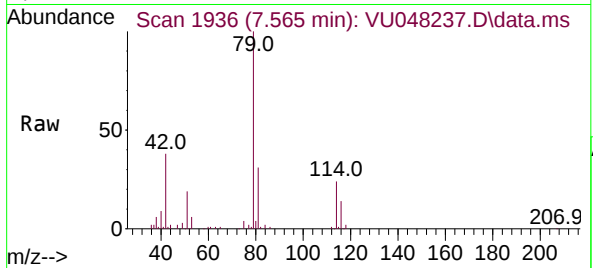
Lab File: VU048237.D

Acq: 22 Apr 2022 20:07

Instrument :

MSVOA_U

ClientSampleId :

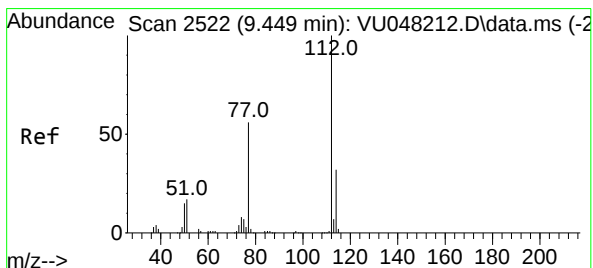
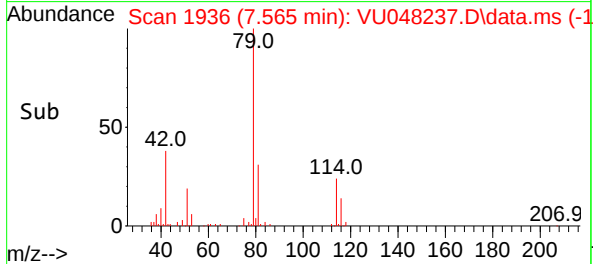
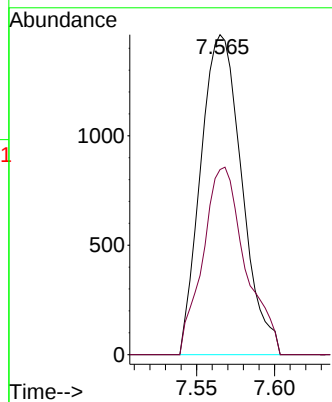


Tgt Ion: 75 Resp: 2679

Ion Ratio Lower Upper

75 100

77 57.9 21.8 40.6#



#51

Chlorobenzene

Concen: 157.830 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048237.D

Acq: 22 Apr 2022 20:07

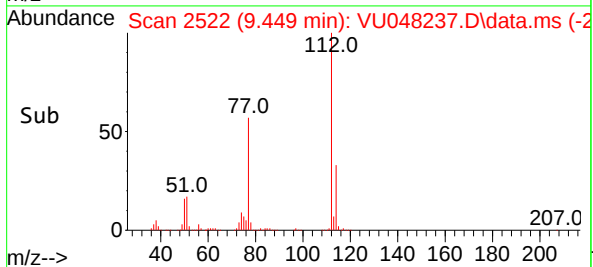
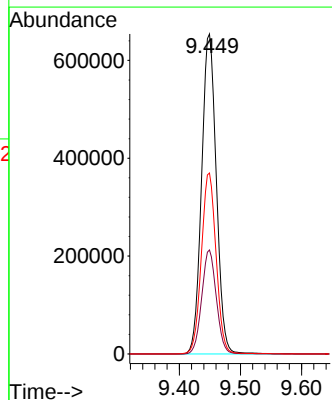
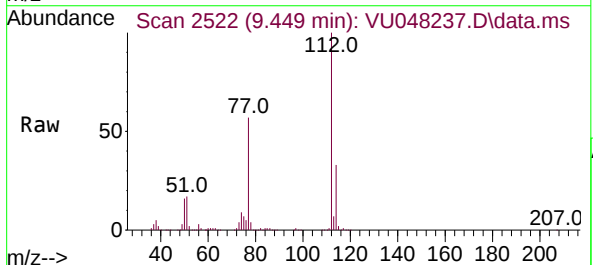
Tgt Ion:112 Resp: 1095487

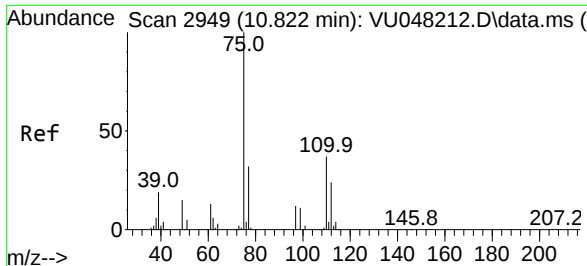
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 56.6 43.4 65.0

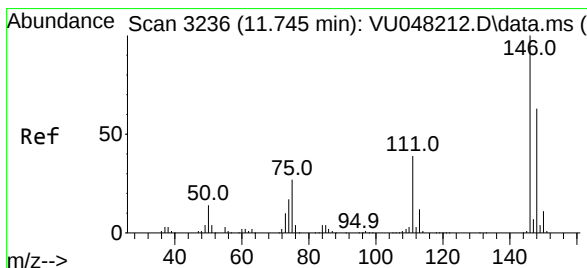
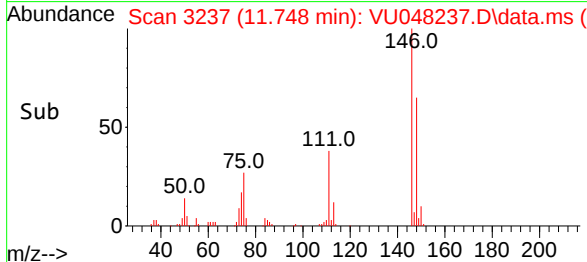
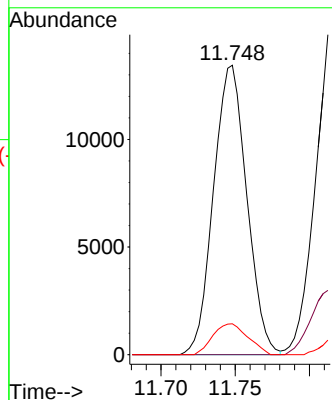
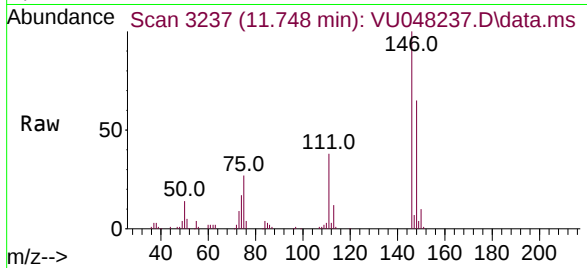




#60
1,2,3-Trichloropropane
Concen: 6.540 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.926 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07

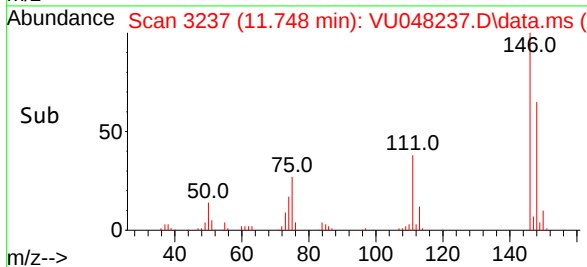
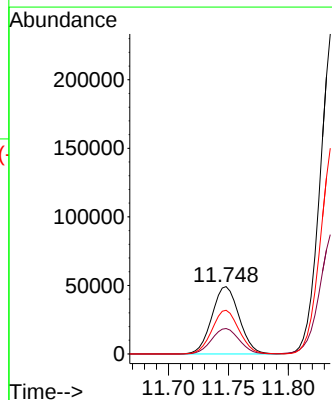
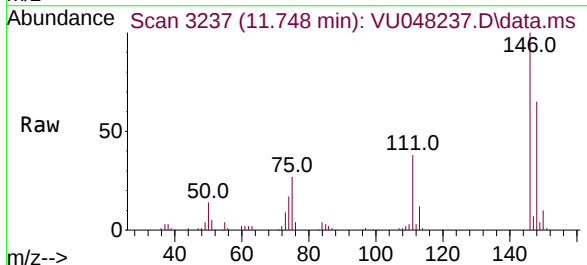
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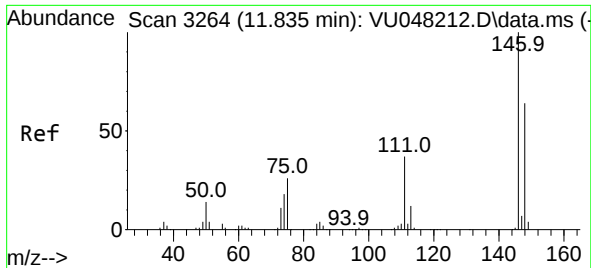
Tgt Ion: 75 Resp: 20955
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 11.3 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 15.218 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07

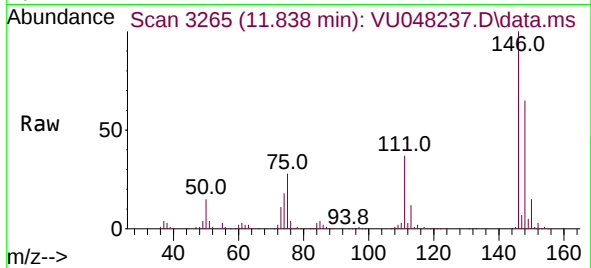
Tgt Ion:146 Resp: 77699
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 65.0 44.4 82.5



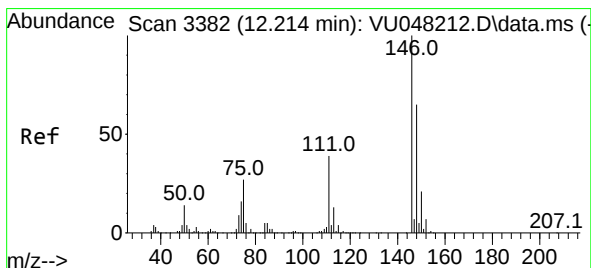
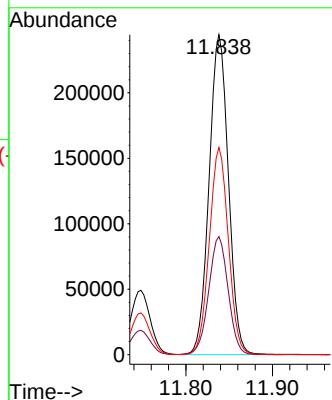
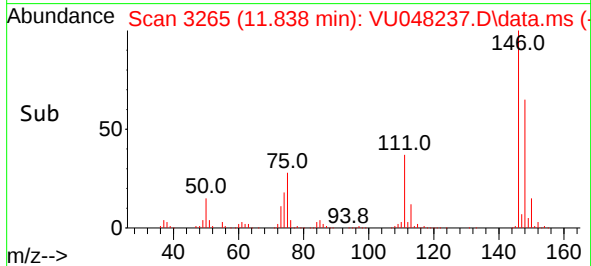


#65
1,4-Dichlorobenzene
Concen: 71.437 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07

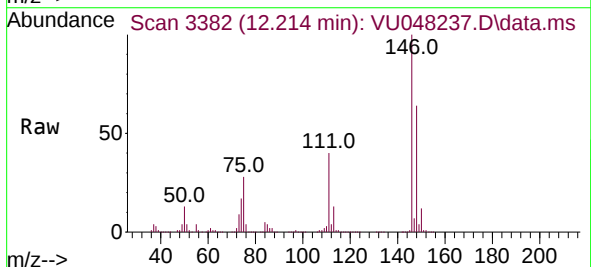
Instrument :
MSVOA_U
ClientSampleId :



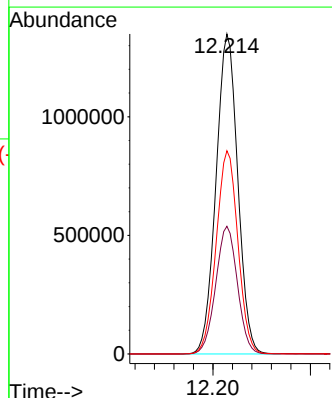
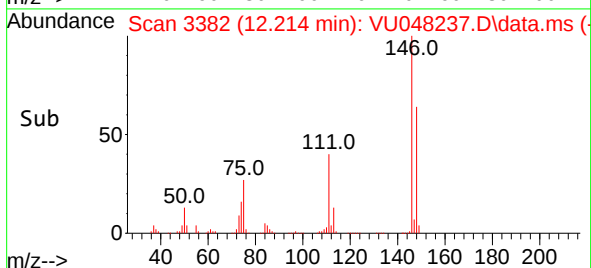
Tgt Ion:146 Resp: 377791
Ion Ratio Lower Upper
146 100
111 36.9 25.3 47.1
148 64.8 44.5 82.7

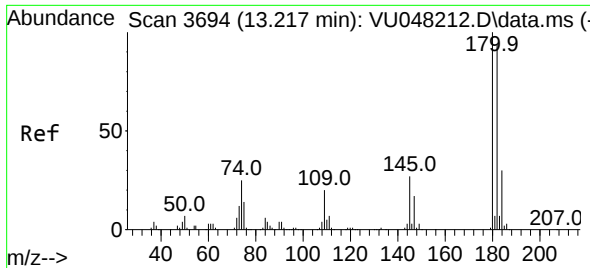


#67
1,2-Dichlorobenzene
Concen: 409.148 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048237.D
Acq: 22 Apr 2022 20:07



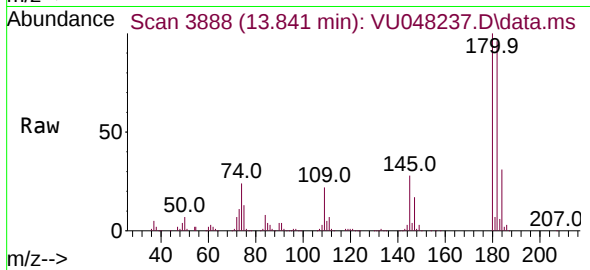
Tgt Ion:146 Resp: 2090226
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 63.5 51.4 77.2



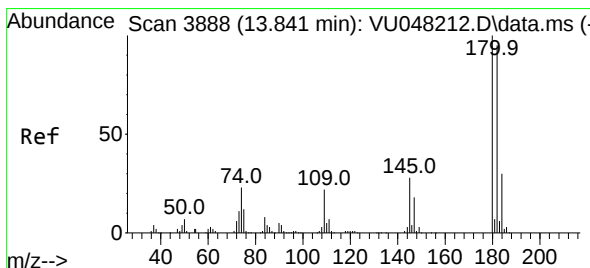
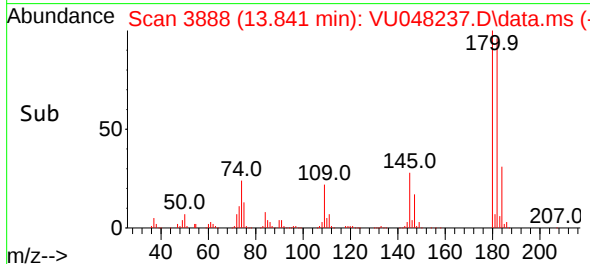
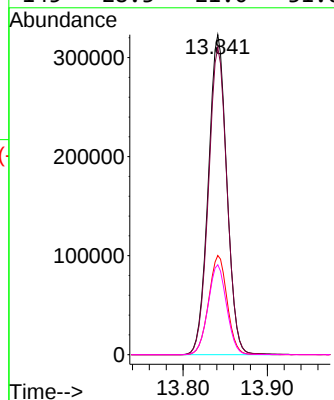


#69
 1,3,5-Trichlorobenzene
 Concen: 118.944 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU048237.D
 Acq: 22 Apr 2022 20:07

Instrument :
 MSVOA_U
 ClientSampleId :

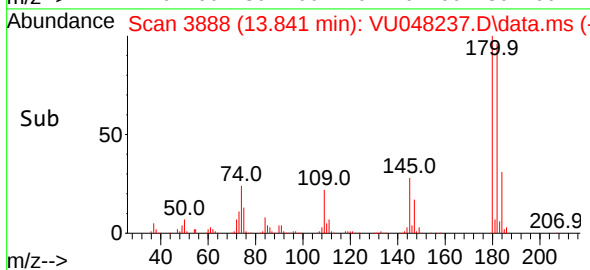
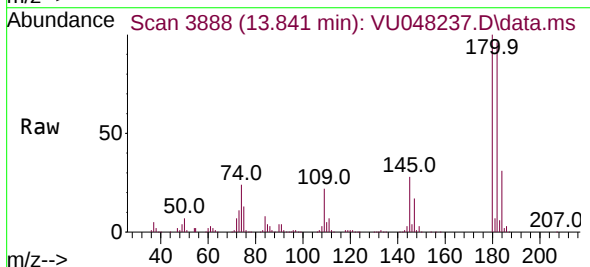
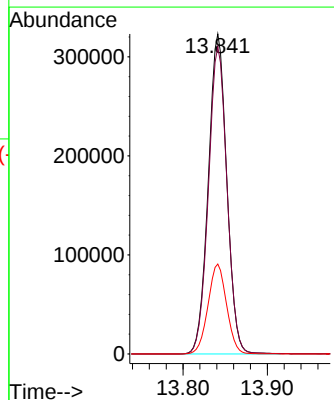


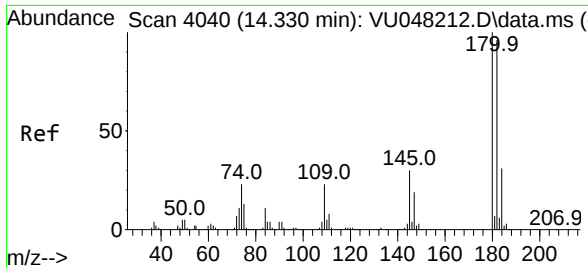
Tgt Ion:180 Resp: 493213
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.0 115.6
 184 31.1 24.5 36.7
 145 28.3 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 135.797 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048237.D
 Acq: 22 Apr 2022 20:07

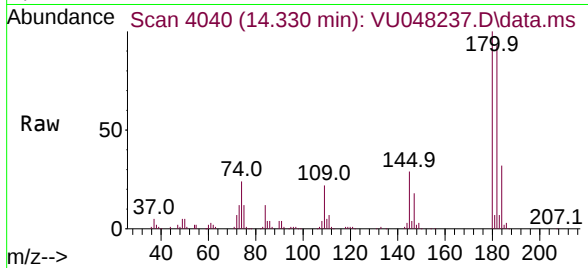
Tgt Ion:180 Resp: 493213
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.2 114.2
 145 28.3 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 27.652 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048237.D
 Acq: 22 Apr 2022 20:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 100679

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.4	116.0
145	28.9	22.8	34.2

