

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048456.D
 Acq On : 06 May 2022 14:58
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200066

Quant Time: May 06 23:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	436872	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	239080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	734030	185.493	ug/L	0.00
7) Chloroethane-d5	1.906	69	436337	159.017	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	1311072	203.111	ug/L	0.00
21) 2-Butanone-d5	4.633	46	1347283	401.871	ug/L	0.01
24) Chloroform-d	5.063	84	1285111	180.495	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	828461	192.376	ug/L	0.00
32) Benzene-d6	5.729	84	2563685	186.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	840670	184.456	ug/L	0.00
41) Toluene-d8	7.899	98	2333416	188.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	431992	214.293	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	942236	400.479	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	1307353	169.062	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	896154	171.384	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	733962	218.705	ug/L	100
3) Chloromethane	1.520	50	804047	208.394	ug/L	99
5) Vinyl chloride	1.604	62	810627	211.733	ug/L	99
6) Bromomethane	1.855	94	370698	198.993	ug/L	97
8) Chloroethane	1.925	64	391342	184.133	ug/L	98
9) Trichlorofluoromethane	2.128	101	1062082	213.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	600906	186.219	ug/L	98
12) 1,1-Dichloroethene	2.575	96	579709	202.488	ug/L	98
13) Acetone	2.642	43	830481	380.945	ug/L	99
14) Carbon disulfide	2.790	76	1809330	246.610	ug/L	100
15) Methyl Acetate	2.951	43	936366	213.449	ug/L	99
16) Methylene chloride	3.044	84	702795	193.281	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	624027	208.675	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	2174113	221.037	ug/L	100
19) 1,1-Dichloroethane	3.867	63	1271752	204.490	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	720381	204.582	ug/L	97
22) 2-Butanone	4.713	43	1414426	438.918	ug/L	99
23) Bromochloromethane	4.977	128	359404	184.991	ug/L	98
25) Chloroform	5.089	83	1245079	197.647	ug/L	99
27) 1,2-Dichloroethane	5.793	62	1012874	214.733	ug/L	99
29) Cyclohexane	5.388	56	1190993	266.872	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	1116007	218.302	ug/L	99
31) Carbon tetrachloride	5.523	117	968653	222.161	ug/L	100
33) Benzene	5.774	78	2767588	210.500	ug/L	100
34) Trichloroethene	6.543	95	692777	214.554	ug/L	97
35) Methylcyclohexane	6.764	83	1168793	249.706	ug/L	99
37) 1,2-Dichloropropane	6.793	63	766081	205.149	ug/L	99
38) Bromodichloromethane	7.105	83	966392	205.993	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1225219	231.658	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2685418	478.731	ug/L	99
42) Toluene	7.970	91	2950285	215.196	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1201513	234.501	ug/L	99

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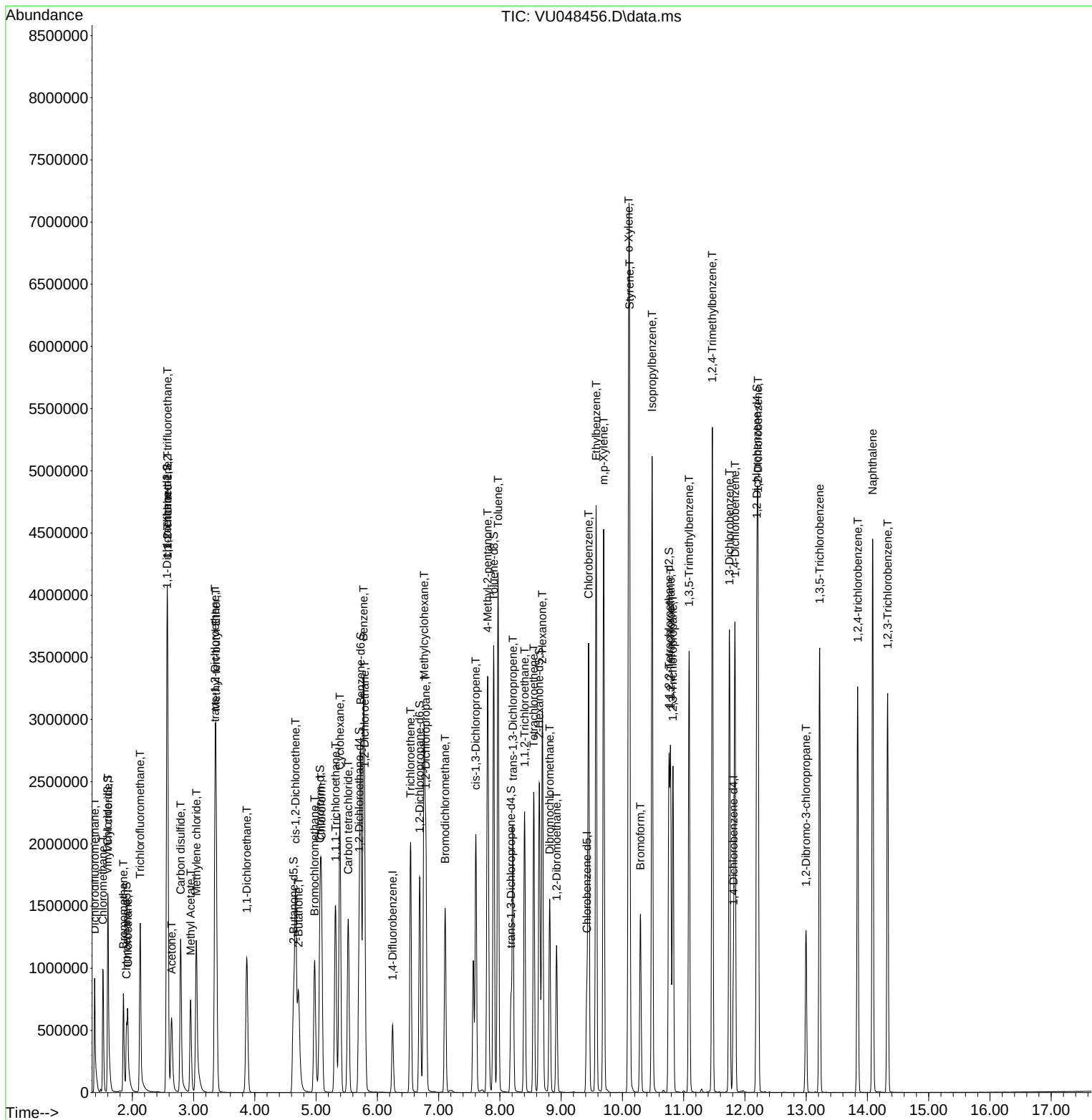
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200066

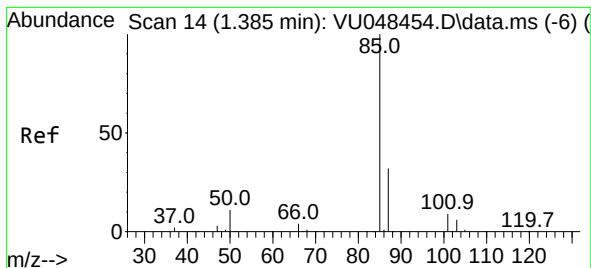
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	714200	189.159	ug/L	98
46) Tetrachloroethene	8.552	164	520094	192.891	ug/L	97
48) 2-Hexanone	8.694	43	2159312	463.317	ug/L	99
49) Dibromochloromethane	8.813	129	818605	197.414	ug/L	99
50) 1,2-Dibromoethane	8.925	107	786217	202.009	ug/L	100
51) Chlorobenzene	9.449	112	1903438	196.980	ug/L	99
52) Ethylbenzene	9.571	91	3305315	232.161	ug/L	100
53) m,p-Xylene	9.694	106	1296975	233.565	ug/L	98
54) o-Xylene	10.102	106	1290554	231.040	ug/L	97
55) Styrene	10.118	104	2206768	235.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	1345383	181.870	ug/L	99
59) Bromoform	10.295	173	642543	190.539	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	1093109	195.349	ug/L	99
61) Isopropylbenzene	10.484	105	3323741	244.034	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	1910101	264.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2889107	262.638	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	1485059	201.996	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	1474805	195.624	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	1480691	190.592	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	343869	226.602	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	1069441	197.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	958696	222.453	ug/L	99
71) Naphthalene	14.086	128	3424878	269.700	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	957289	216.532	ug/L	99

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

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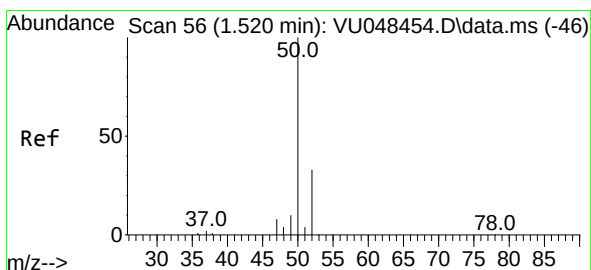
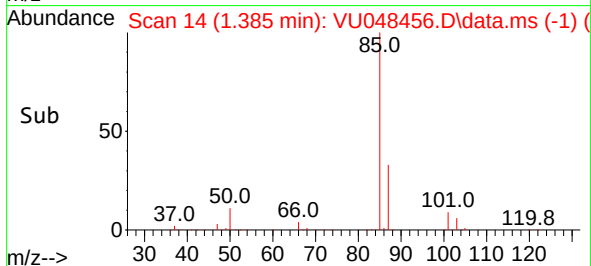
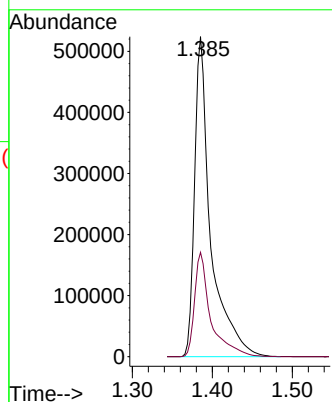
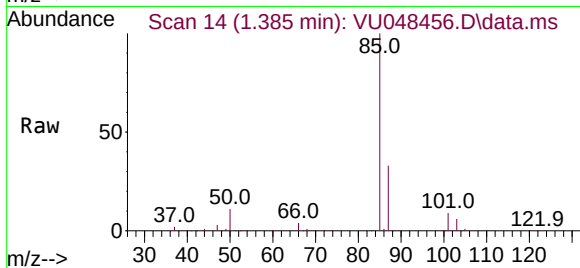




#2
Dichlorodifluoromethane
Concen: 218.705 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

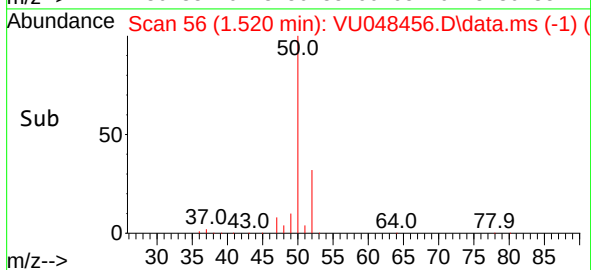
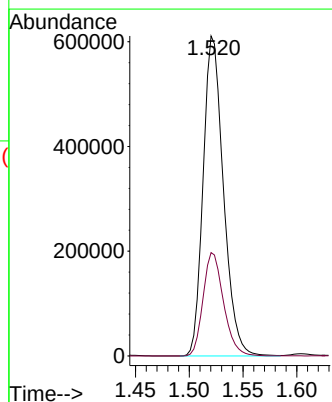
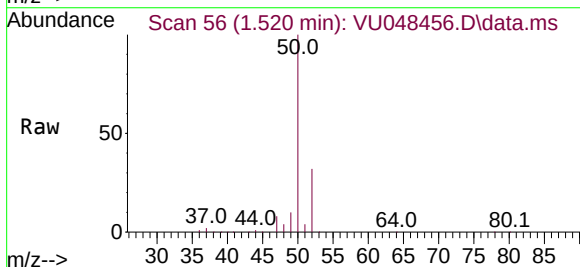
Instrument :
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ClientSampleId :
VSTD200066

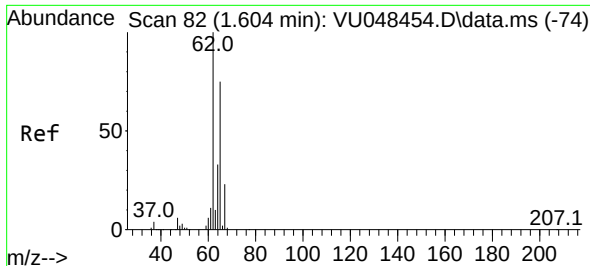
Tgt Ion: 85 Resp: 733962
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.4



#3
Chloromethane
Concen: 208.394 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 50 Resp: 804047
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8

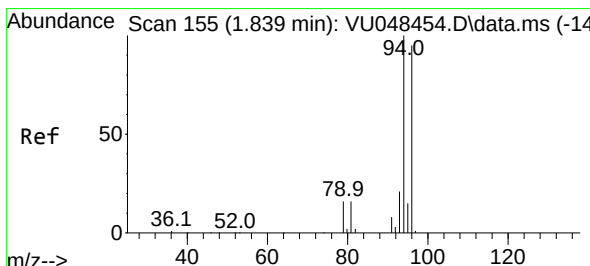
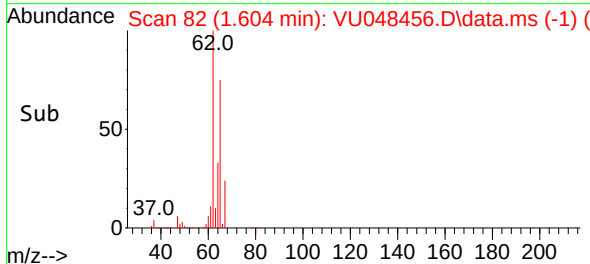
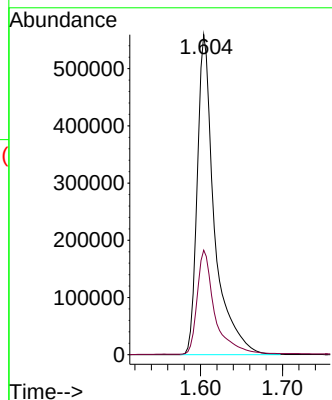
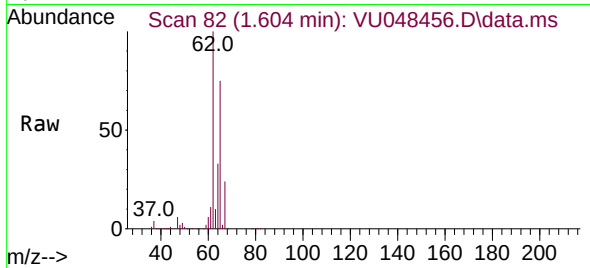




#5
 Vinyl chloride
 Concen: 211.733 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

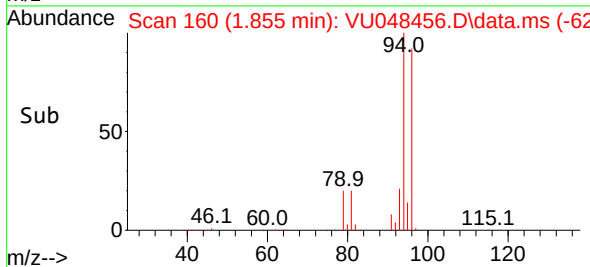
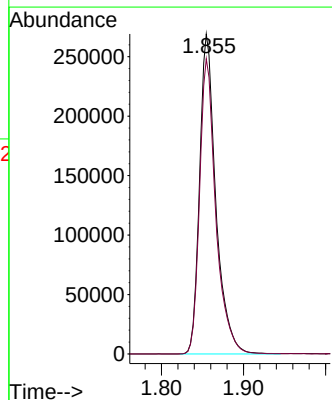
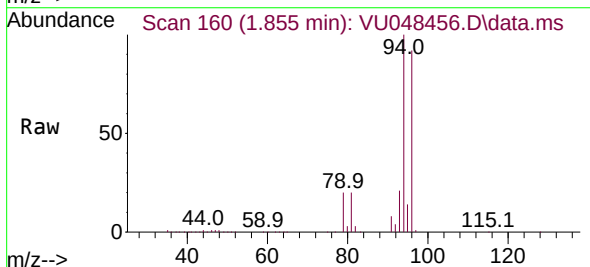
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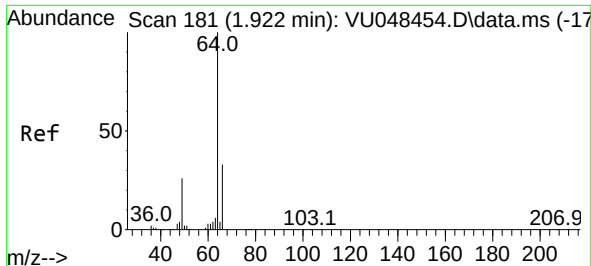
Tgt Ion: 62 Resp: 810627
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 198.993 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.016 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

Tgt Ion: 94 Resp: 370698
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.5 123.5

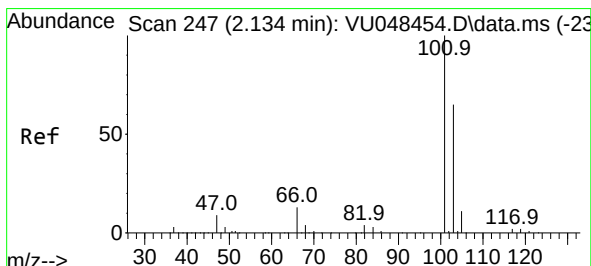
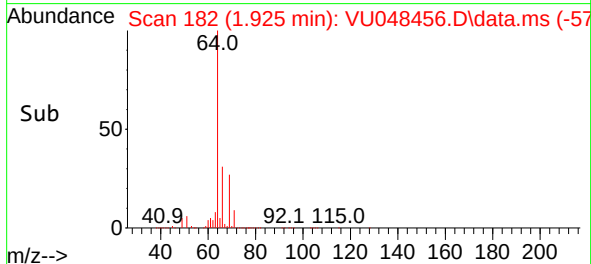
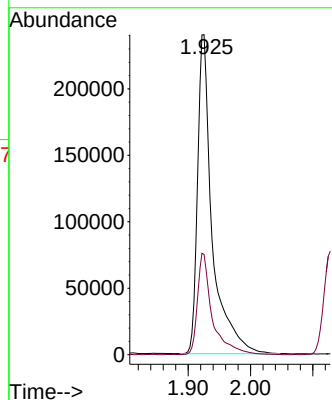
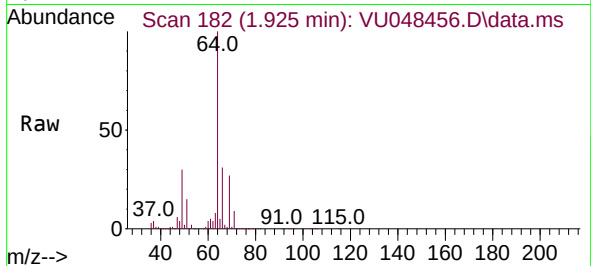




#8
Chloroethane
Concen: 184.133 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

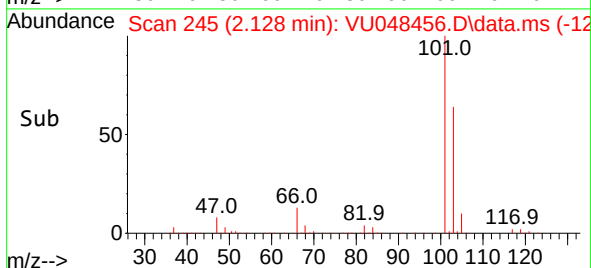
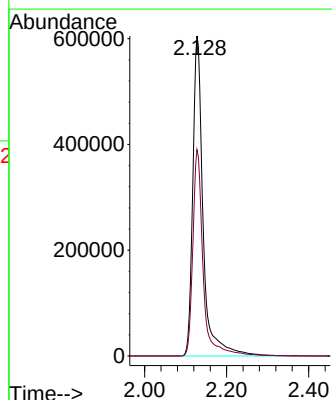
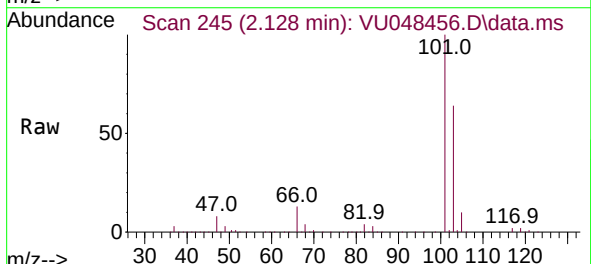
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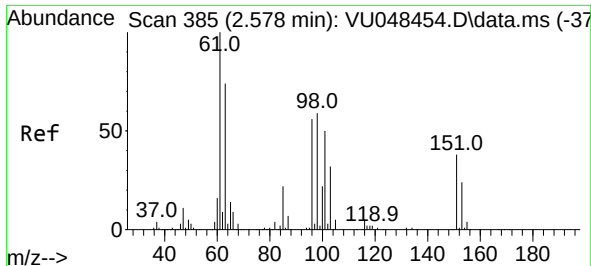
Tgt Ion: 64 Resp: 391342
Ion Ratio Lower Upper
64 100
66 31.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 213.773 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.006 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:101 Resp: 1062082
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0

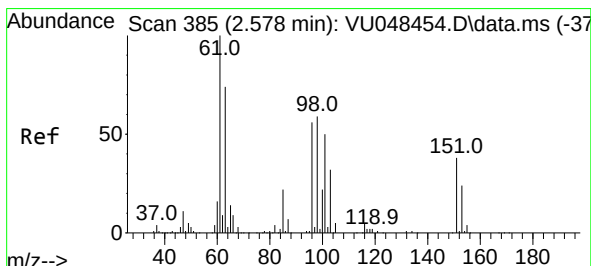
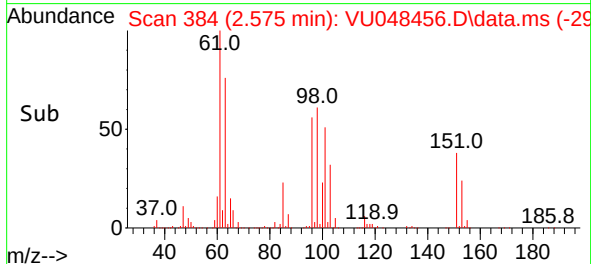
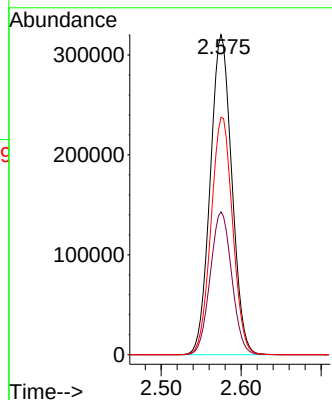
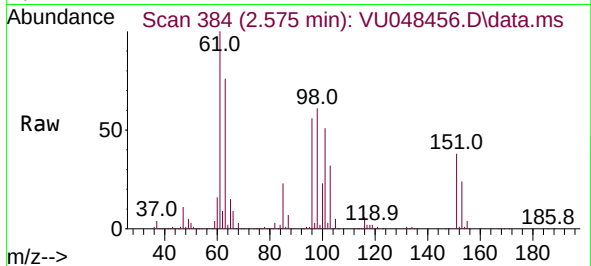




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 186.219 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

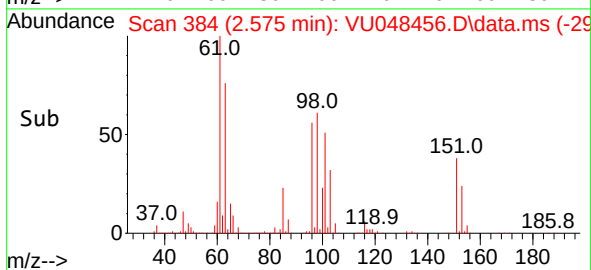
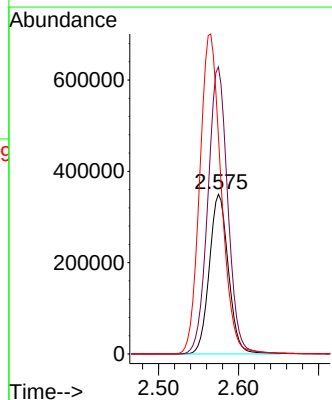
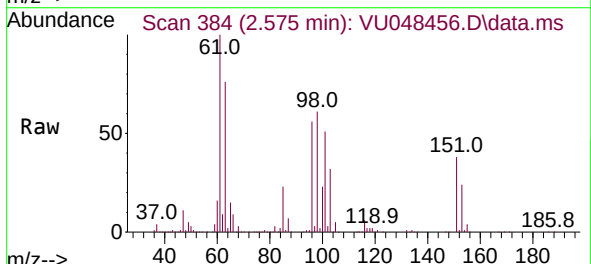
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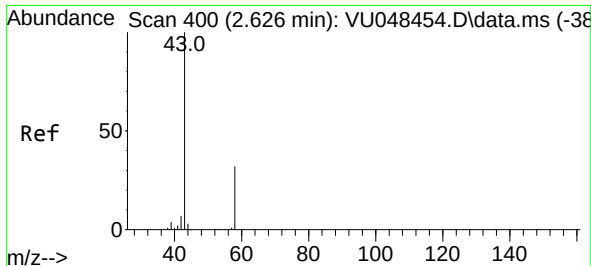
Tgt Ion:101 Resp: 600906
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.8 52.2
 151 74.2 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 202.488 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

Tgt Ion: 96 Resp: 579709
 Ion Ratio Lower Upper
 96 100
 61 179.7 124.5 231.3
 63 136.0 92.5 171.9





#13

Acetone

Concen: 380.945 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.016 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

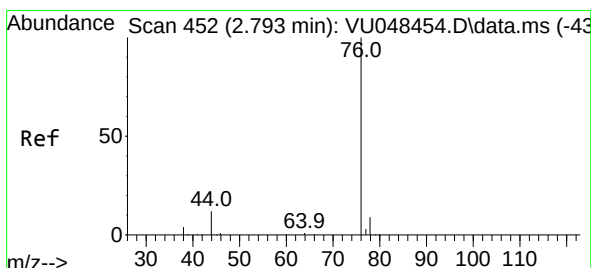
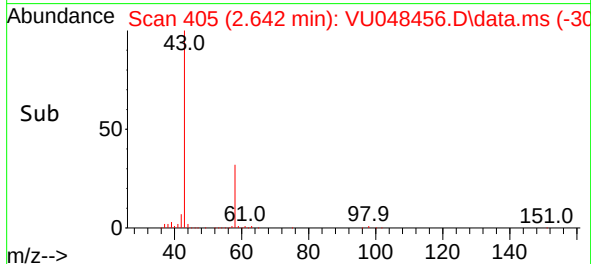
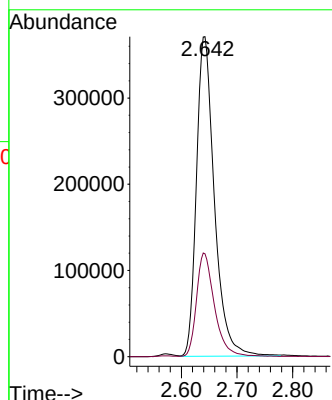
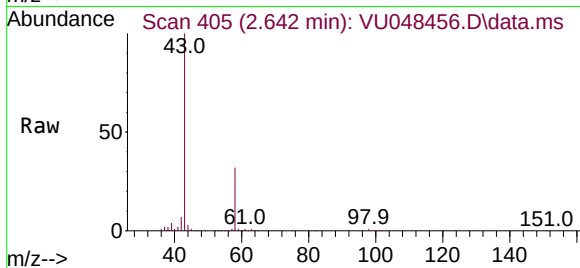
VSTD200066

Tgt Ion: 43 Resp: 830481

Ion Ratio Lower Upper

43 100

58 32.3 0.0 66.2



#14

Carbon disulfide

Concen: 246.610 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU048456.D

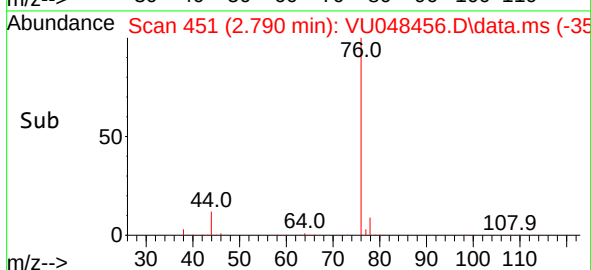
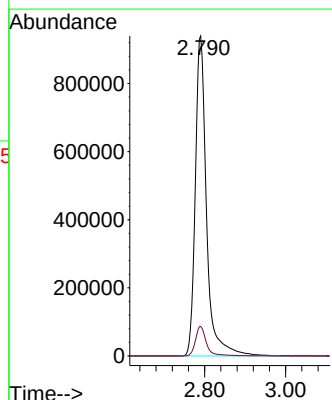
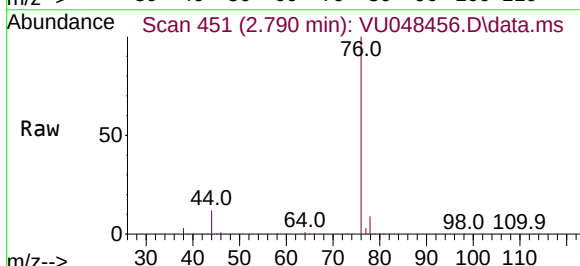
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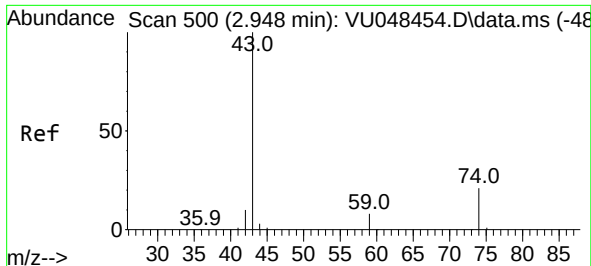
Tgt Ion: 76 Resp: 1809330

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

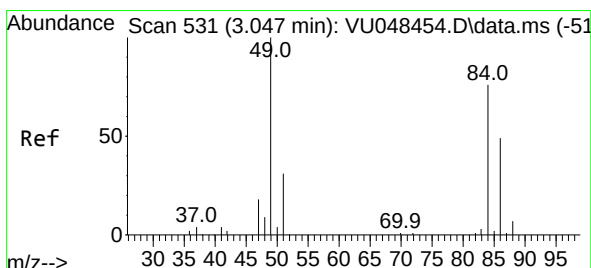
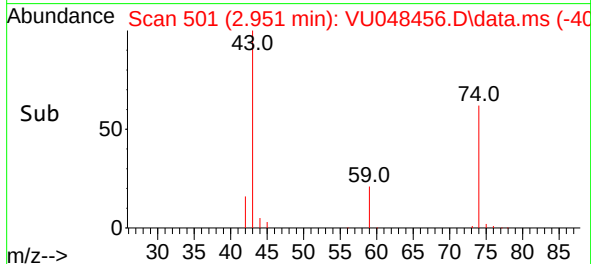
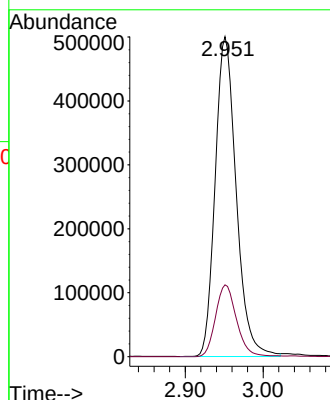
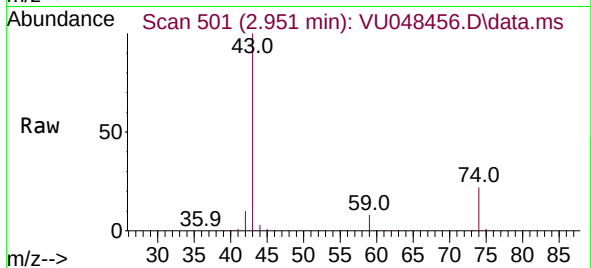




#15
Methyl Acetate
Concen: 213.449 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

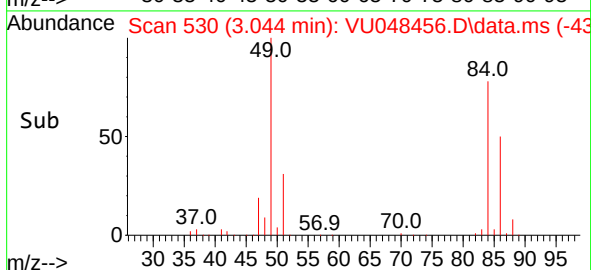
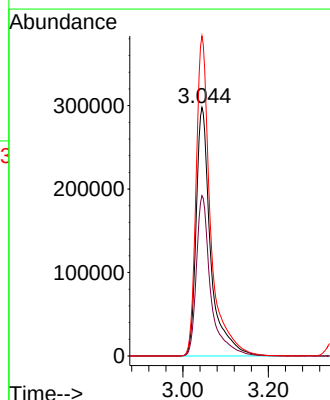
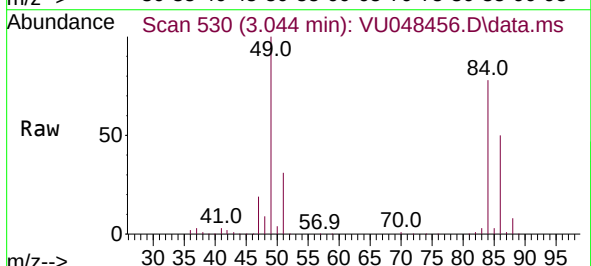
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

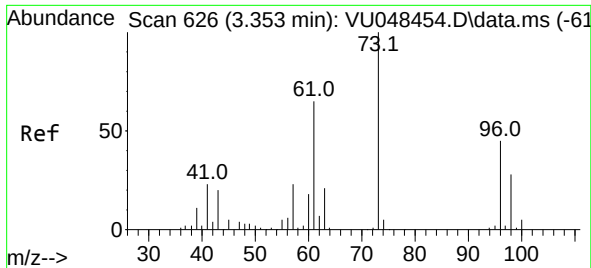
Tgt Ion: 43 Resp: 936366
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4



#16
Methylene chloride
Concen: 193.281 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 84 Resp: 702795
Ion Ratio Lower Upper
84 100
86 64.5 44.8 83.2
49 128.8 92.0 170.8

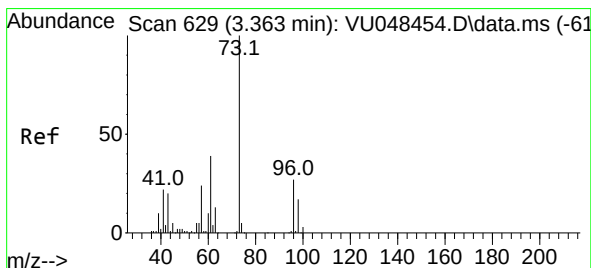
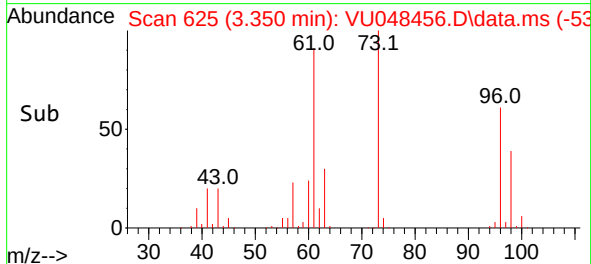
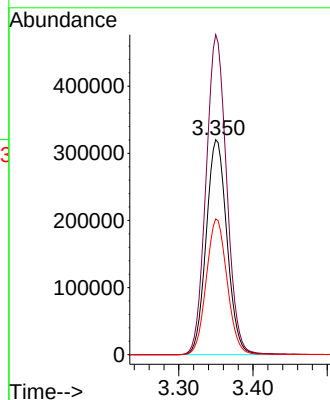
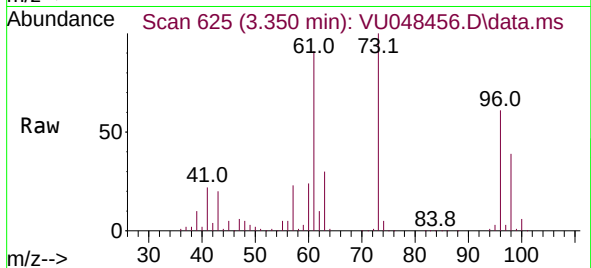




#17
trans-1,2-Dichloroethene
Concen: 208.675 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

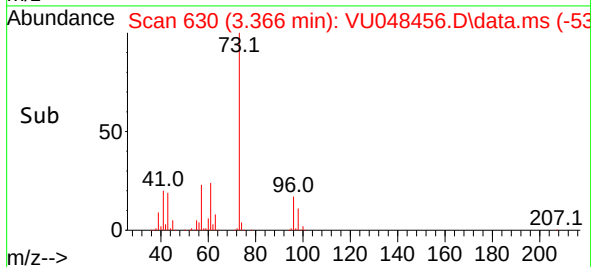
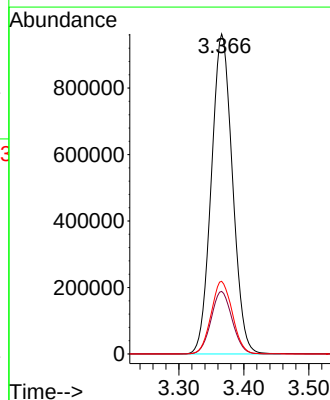
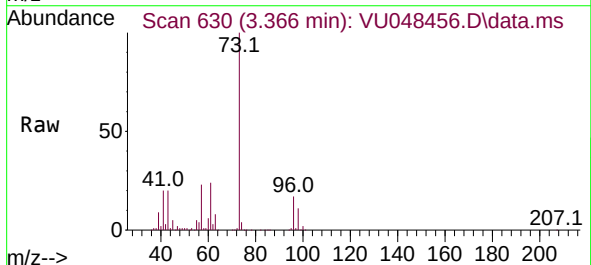
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

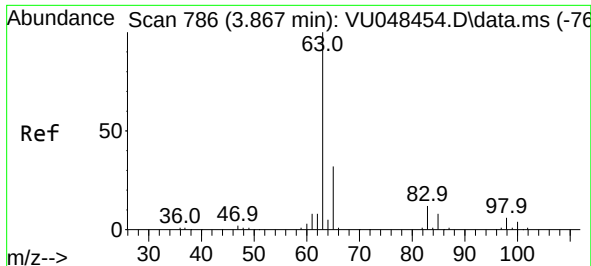
Tgt Ion: 96 Resp: 624027
Ion Ratio Lower Upper
96 100
61 148.8 101.2 187.8
98 63.1 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 221.037 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 73 Resp: 2174113
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.8 18.1 27.1

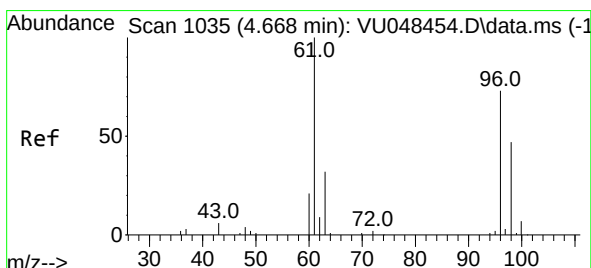
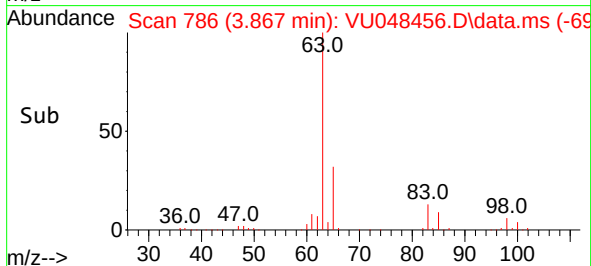
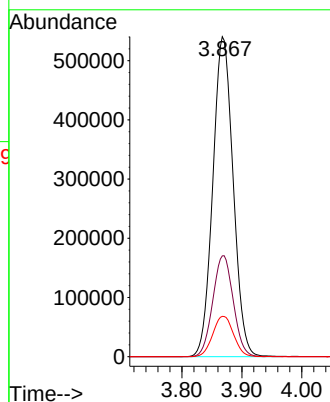
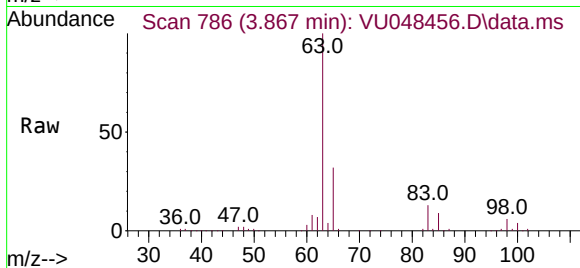




#19
1,1-Dichloroethane
Concen: 204.490 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

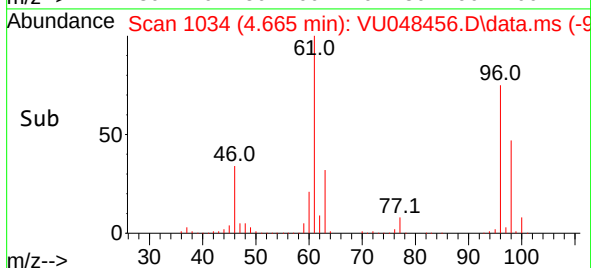
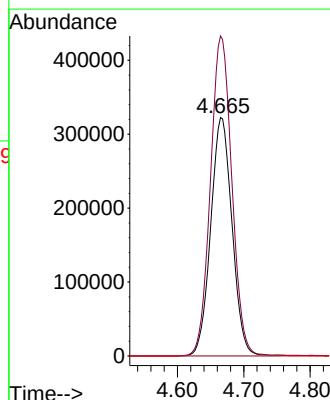
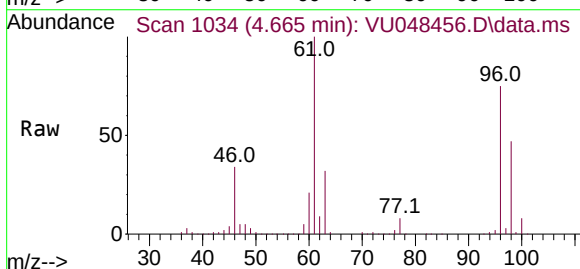
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

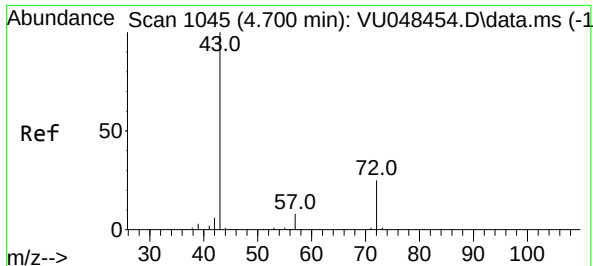
Tgt Ion: 63 Resp: 1271752
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.6 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 204.582 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 96 Resp: 720381
Ion Ratio Lower Upper
96 100
61 134.2 96.2 178.8
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 438.918 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

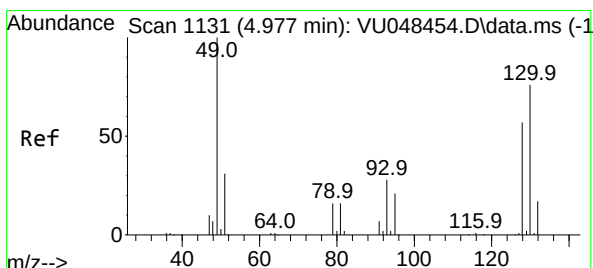
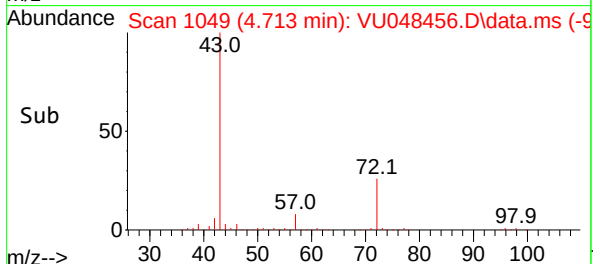
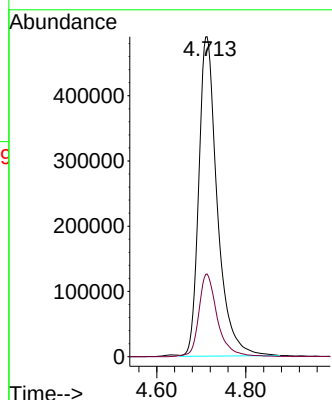
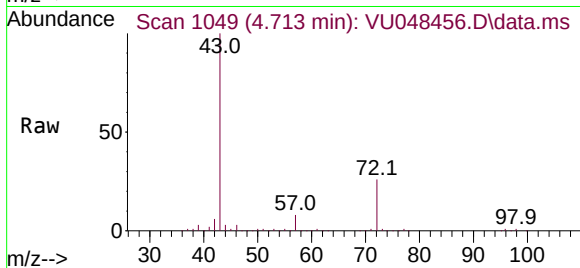
VSTD200066

Tgt Ion: 43 Resp: 1414426

Ion Ratio Lower Upper

43 100

72 26.0 13.3 39.9



#23

Bromochloromethane

Concen: 184.991 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Tgt Ion:128 Resp: 359404

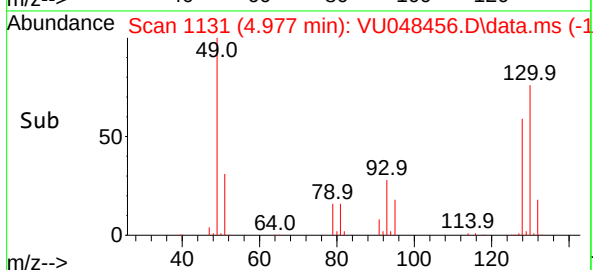
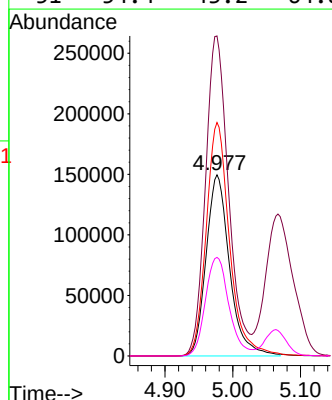
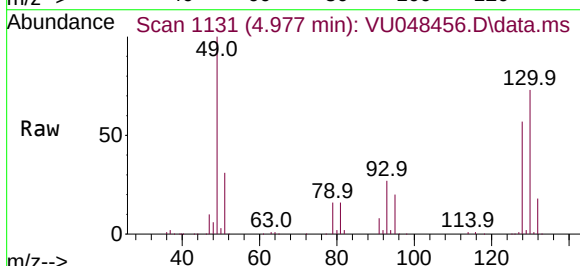
Ion Ratio Lower Upper

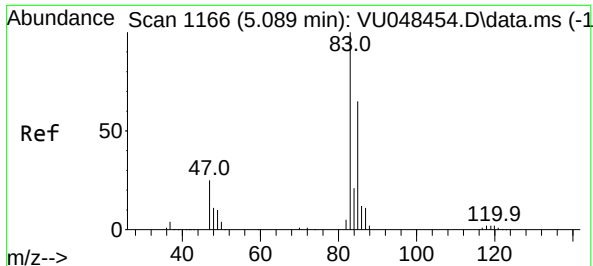
128 100

49 176.7 123.1 228.7

130 128.9 93.6 173.8

51 54.4 43.2 64.8





#25

Chloroform

Concen: 197.647 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

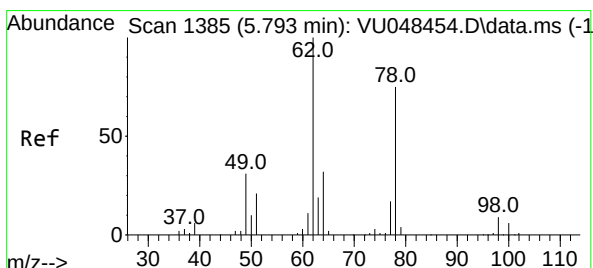
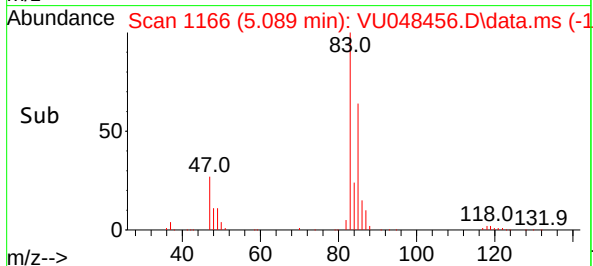
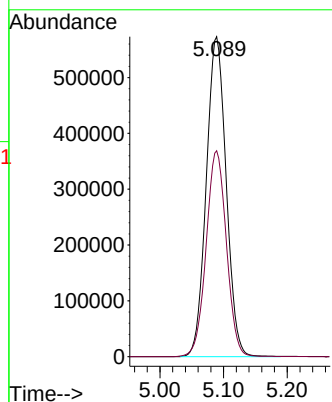
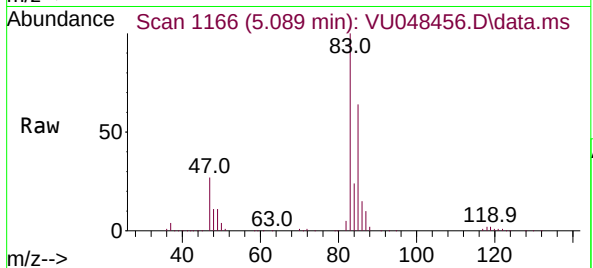
VSTD200066

Tgt Ion: 83 Resp: 1245079

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 214.733 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048456.D

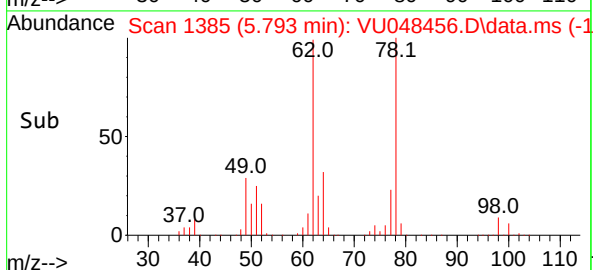
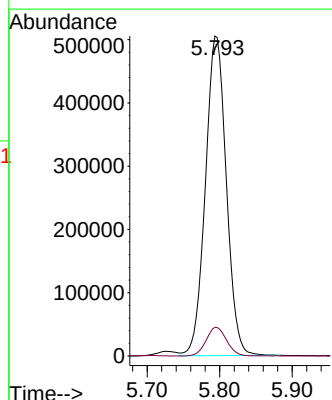
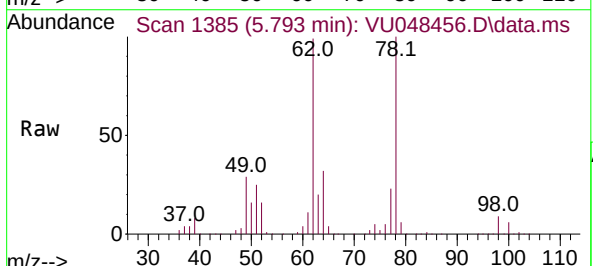
Acq: 06 May 2022 14:58

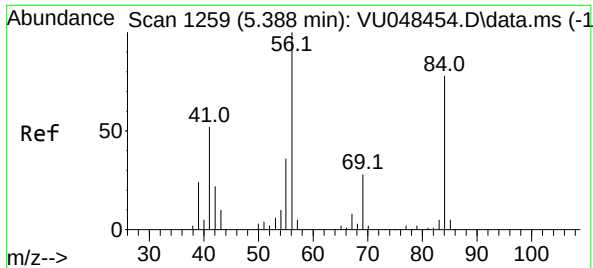
Tgt Ion: 62 Resp: 1012874

Ion Ratio Lower Upper

62 100

98 9.0 6.8 10.2



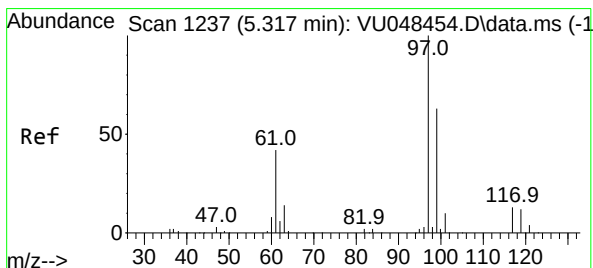
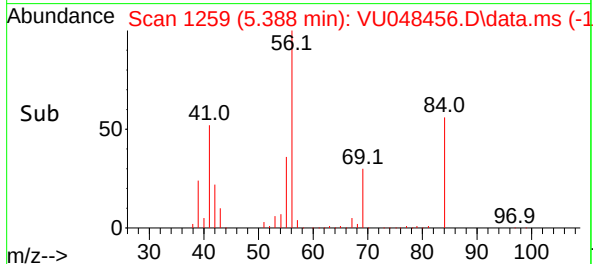
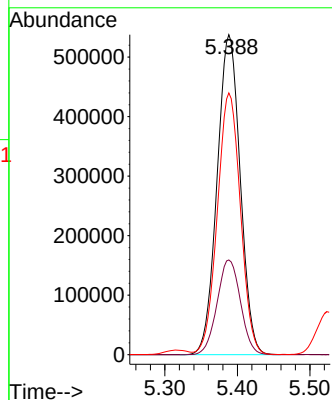
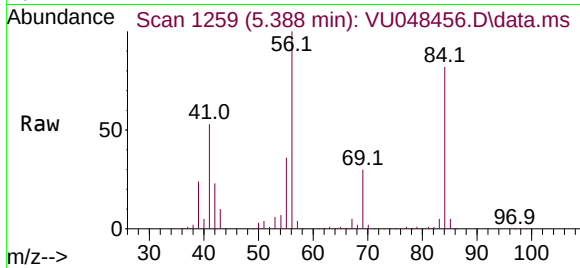


#29
Cyclohexane
Concen: 266.872 ug/L
RT: 5.388 min Scan# 1190993
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

Tgt Ion: 56 Resp: 1190993

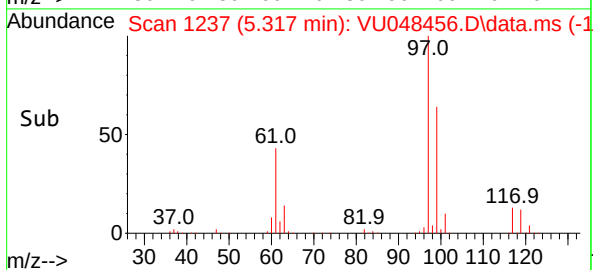
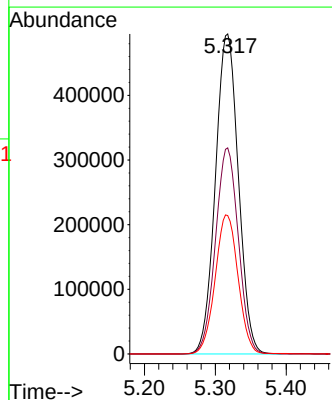
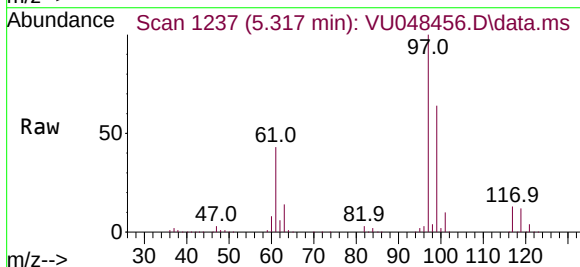
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.4	35.0
84	81.8	65.5	98.3

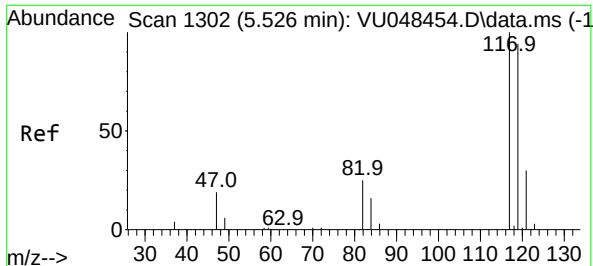


#30
1,1,1-Trichloroethane
Concen: 218.302 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 97 Resp: 1116007

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.5	75.7
61	43.3	35.0	52.4

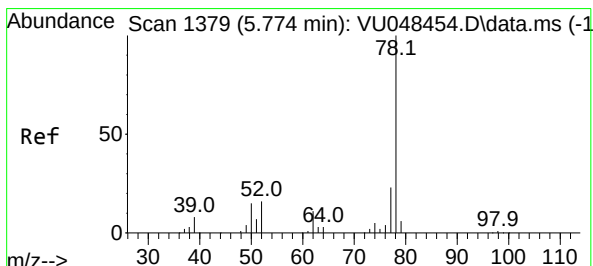
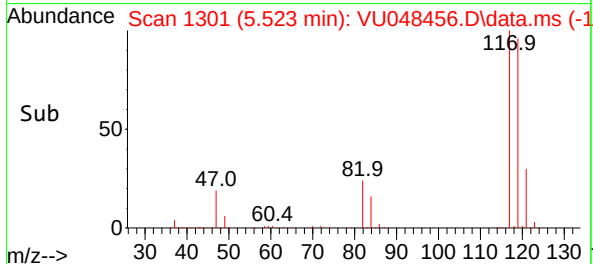
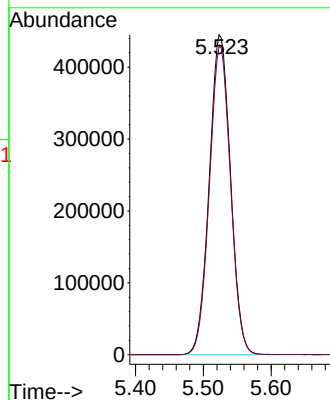
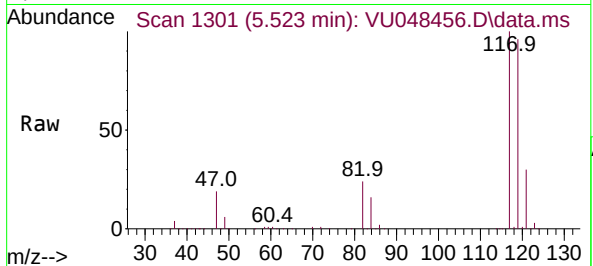




#31
Carbon tetrachloride
Concen: 222.161 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

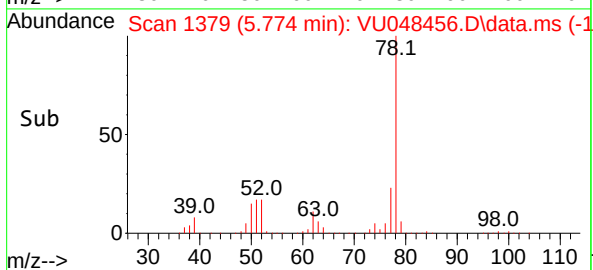
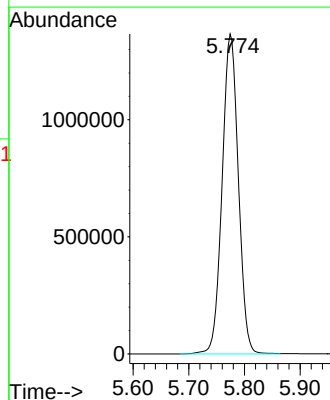
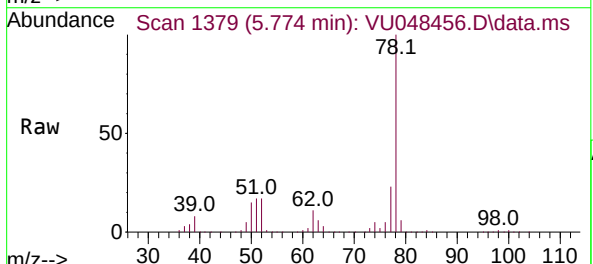
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

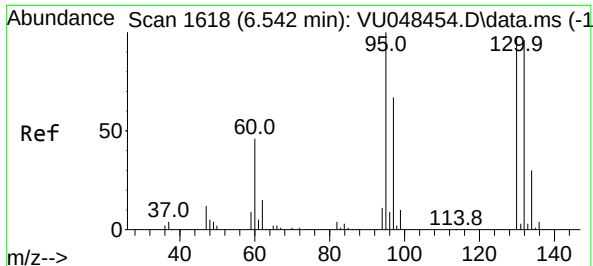
Tgt Ion:117 Resp: 968653
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7



#33
Benzene
Concen: 210.500 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 78 Resp: 2767588

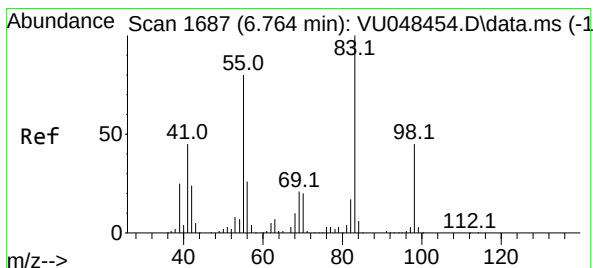
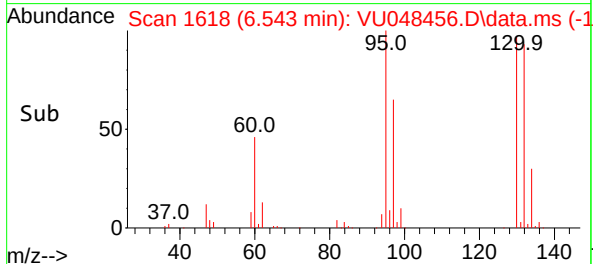
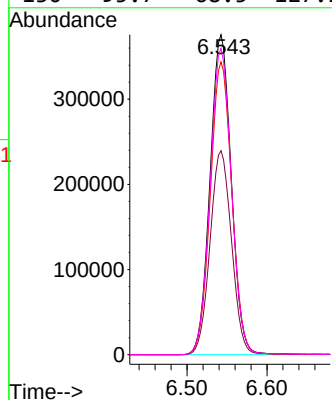
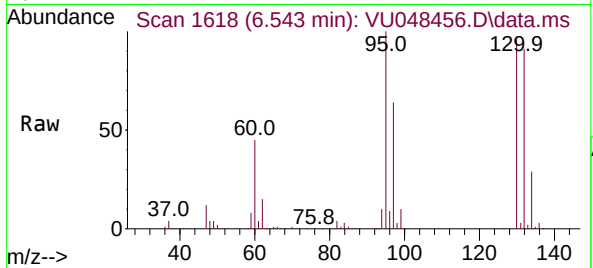




#34
Trichloroethene
Concen: 214.554 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

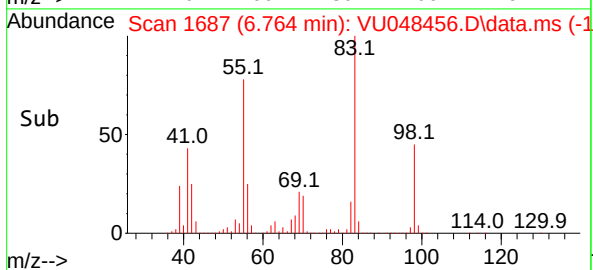
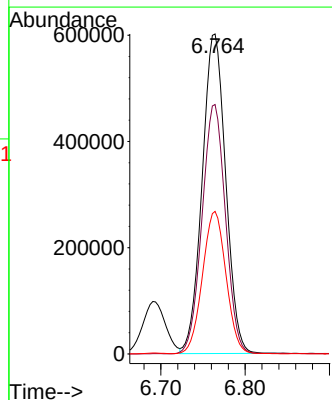
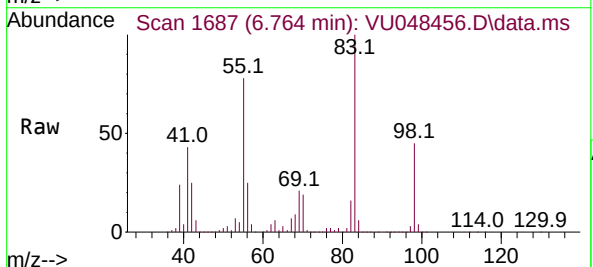
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

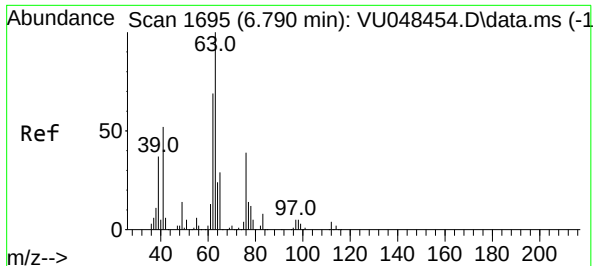
Tgt Ion: 95 Resp: 692777
Ion Ratio Lower Upper
95 100
97 63.8 46.6 86.6
132 91.5 67.3 124.9
130 95.7 68.5 127.1



#35
Methylcyclohexane
Concen: 249.706 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 83 Resp: 1168793
Ion Ratio Lower Upper
83 100
55 77.7 63.4 95.2
98 44.8 35.9 53.9





#37

1,2-Dichloropropane

Concen: 205.149 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

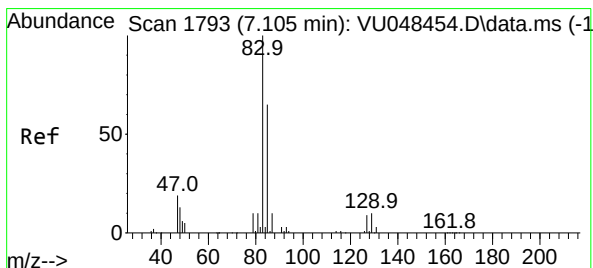
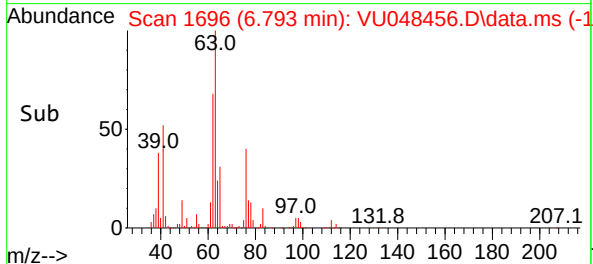
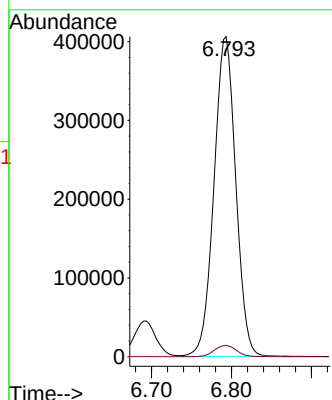
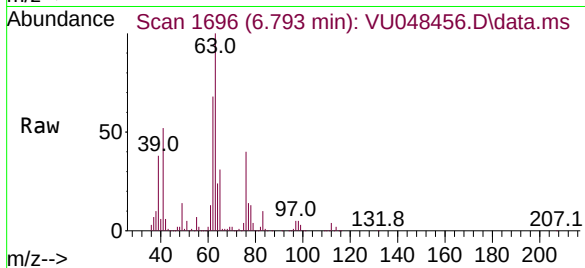
VSTD200066

Tgt Ion: 63 Resp: 766081

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 205.993 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

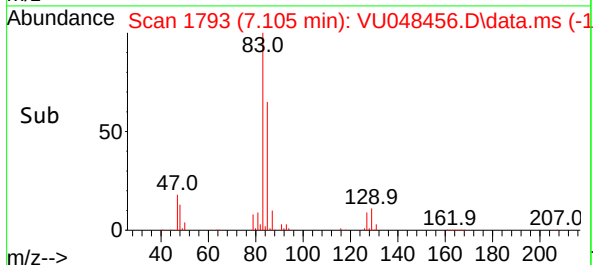
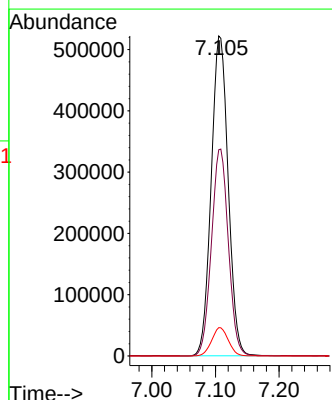
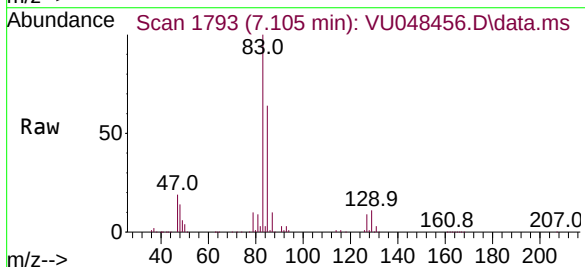
Tgt Ion: 83 Resp: 966392

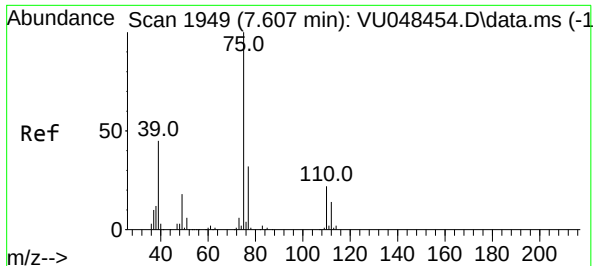
Ion Ratio Lower Upper

83 100

85 64.4 45.5 84.5

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 231.658 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

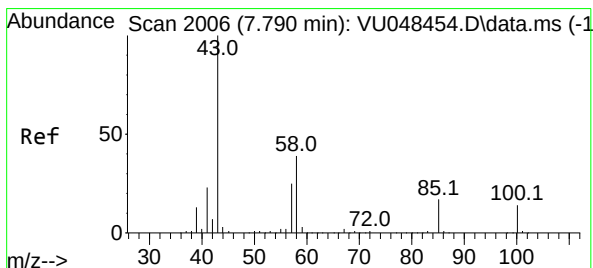
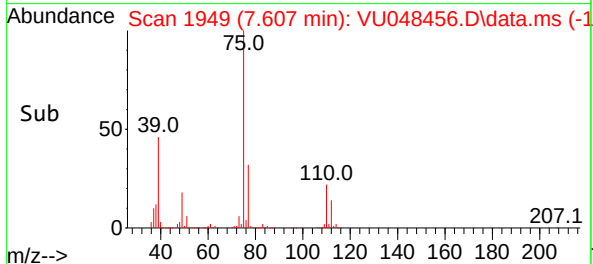
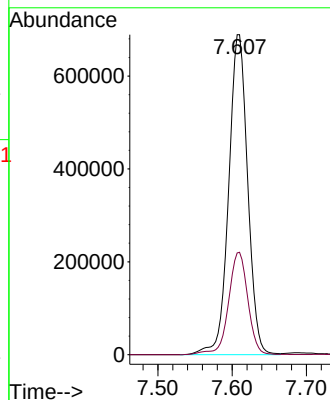
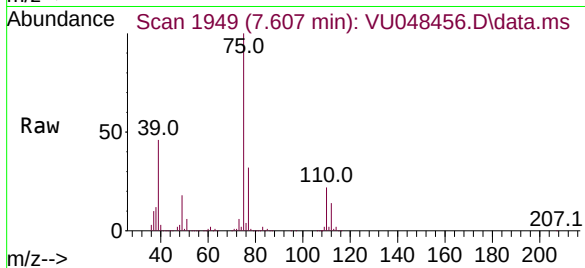
VSTD200066

Tgt Ion: 75 Resp: 1225219

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 478.731 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.010 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

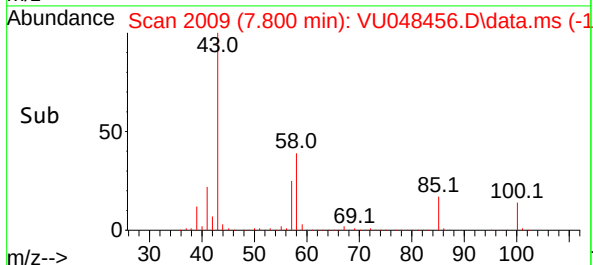
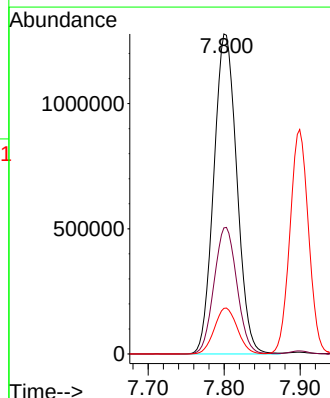
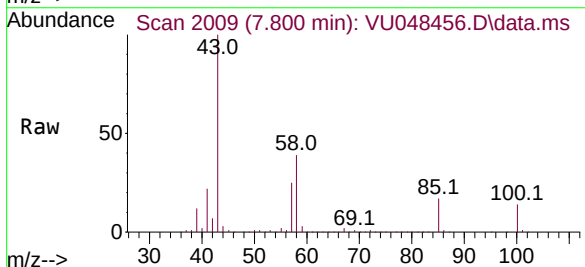
Tgt Ion: 43 Resp: 2685418

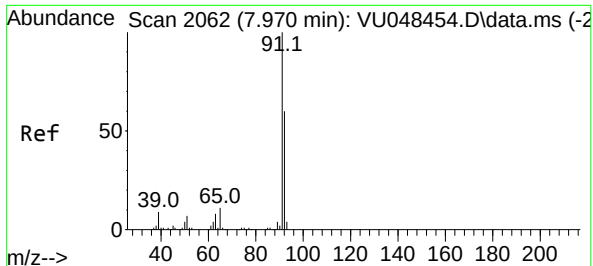
Ion Ratio Lower Upper

43 100

58 39.4 31.0 46.4

100 14.3 11.2 16.8





#42

Toluene

Concen: 215.196 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048456.D

Acq: 06 May 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

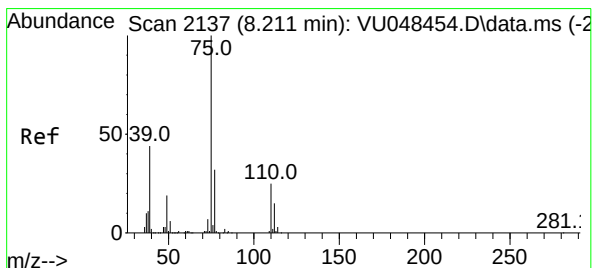
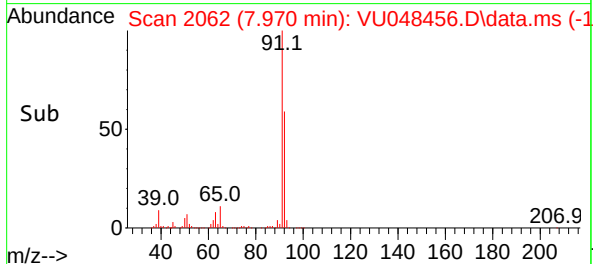
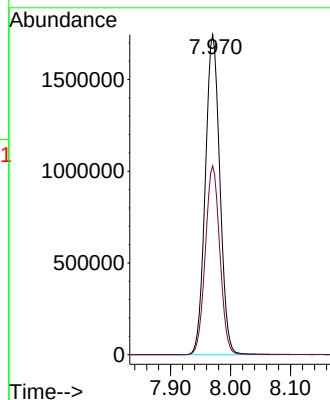
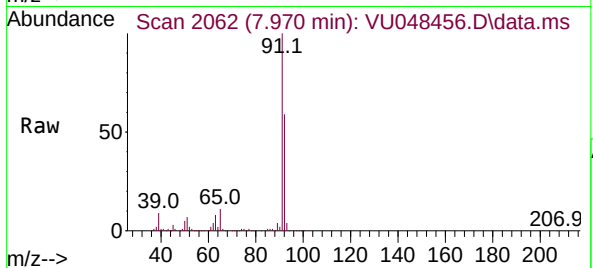
VSTD200066

Tgt Ion: 91 Resp: 2950285

Ion Ratio Lower Upper

91 100

92 59.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 234.501 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048456.D

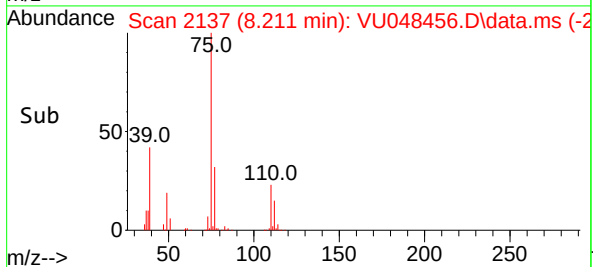
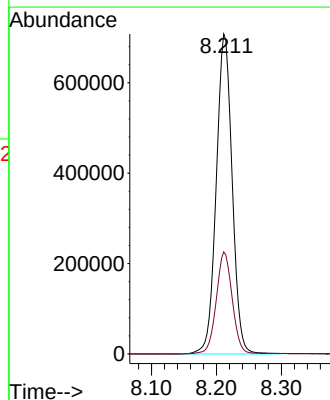
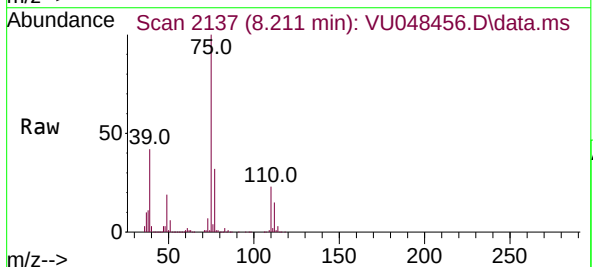
Acq: 06 May 2022 14:58

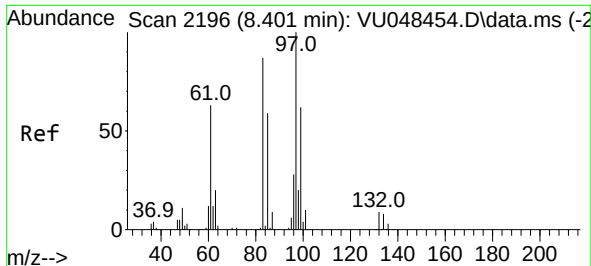
Tgt Ion: 75 Resp: 1201513

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0

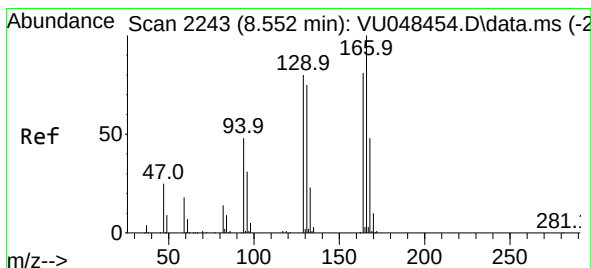
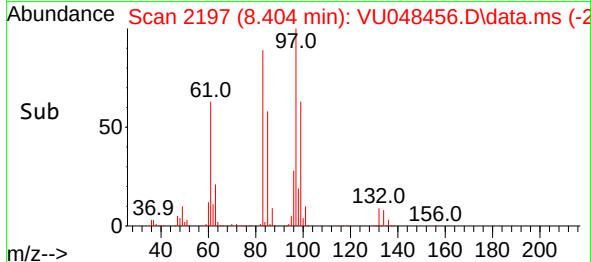
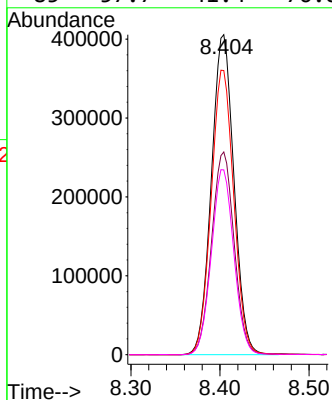
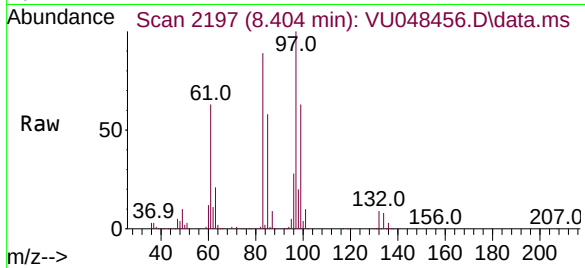




#45
1,1,2-Trichloroethane
Concen: 189.159 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

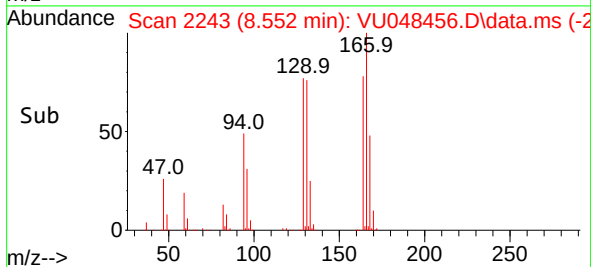
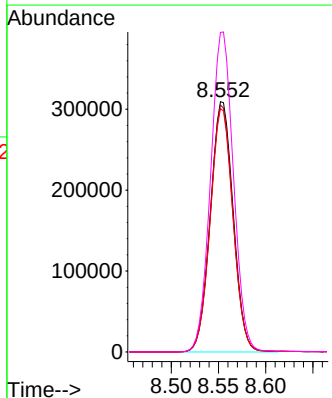
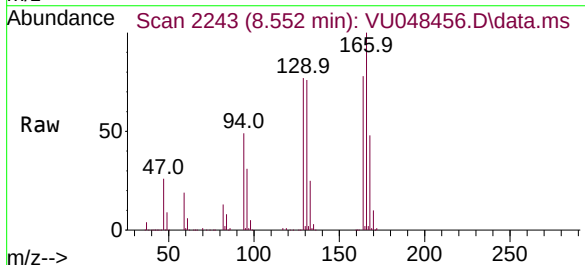
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

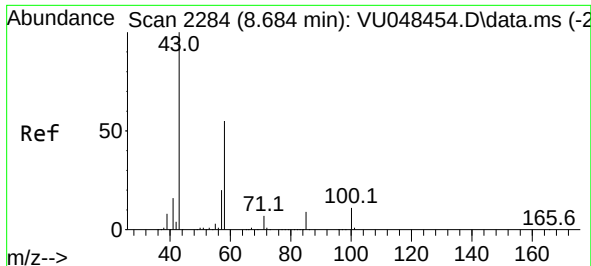
Tgt Ion:	97	Resp:	714200
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.5	80.9
83	88.8	60.5	112.5
85	57.7	41.4	76.8



#46
Tetrachloroethene
Concen: 192.891 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:	164	Resp:	520094
Ion	Ratio	Lower	Upper
164	100		
129	98.7	69.2	128.6
131	97.2	65.2	121.0
166	127.7	86.6	160.8



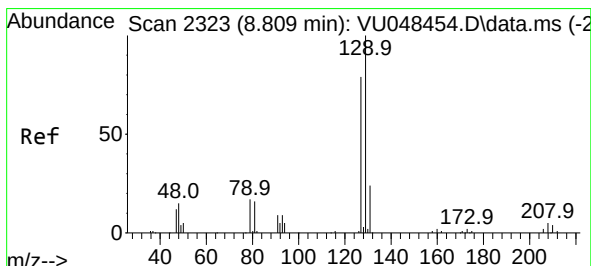
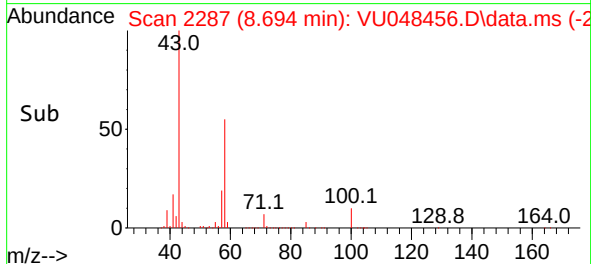
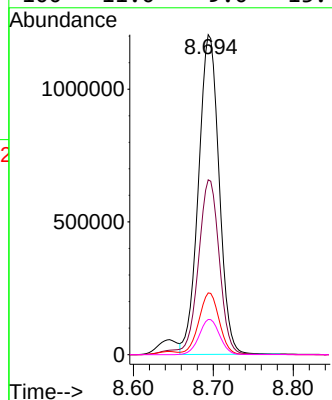
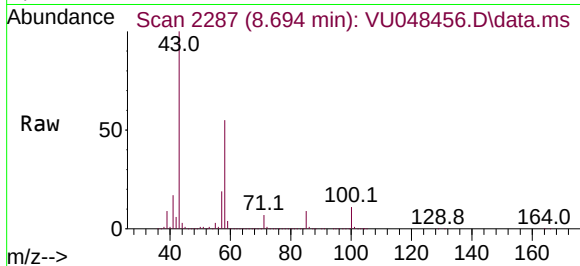


#48
2-Hexanone
Concen: 463.317 ug/L
RT: 8.694 min Scan# 2159312
Delta R.T. 0.010 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

Tgt Ion: 43 Resp: 2159312

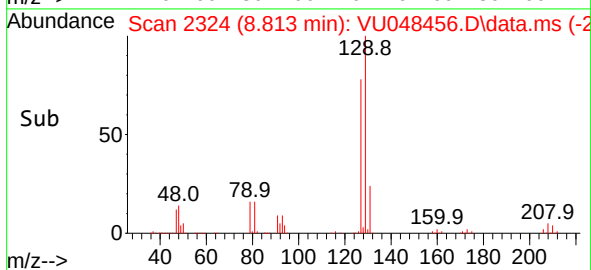
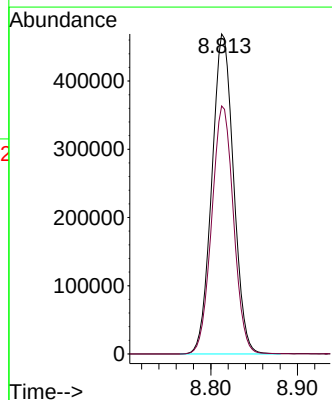
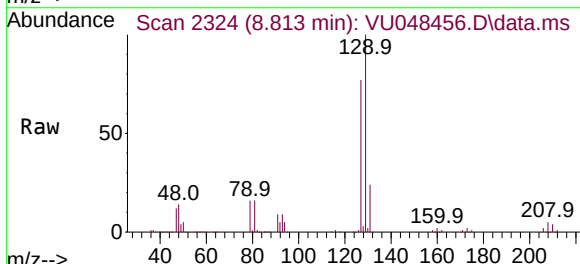
Ion	Ratio	Lower	Upper
43	100		
58	56.5	44.3	66.5
57	19.3	15.7	23.5
100	11.0	9.0	13.4

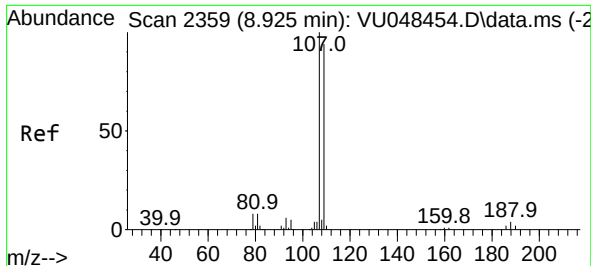


#49
Dibromochloromethane
Concen: 197.414 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 129 Resp: 818605

Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.2	102.4

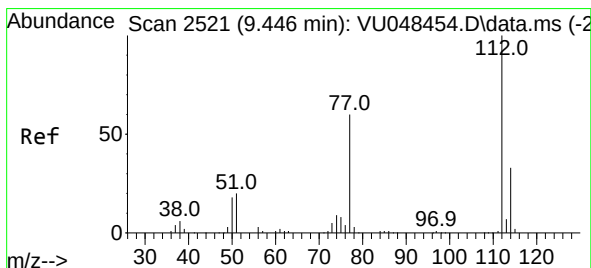
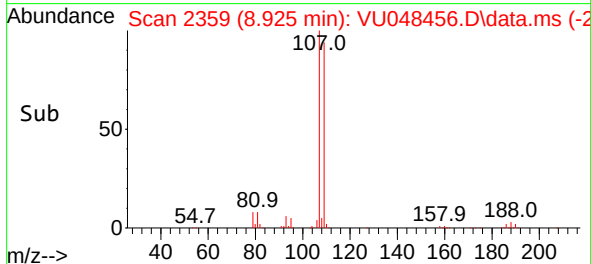
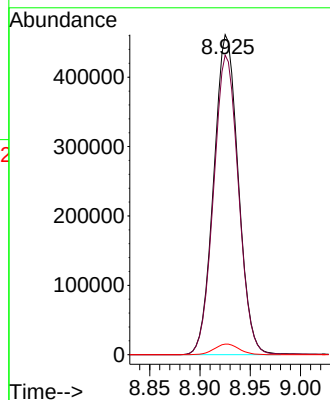
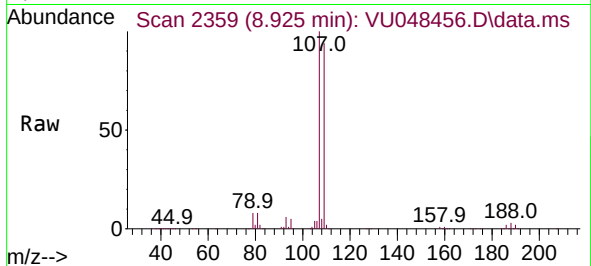




#50
1,2-Dibromoethane
Concen: 202.009 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

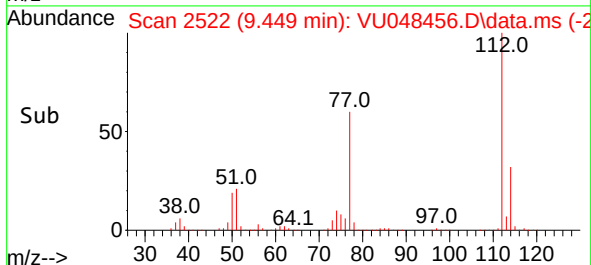
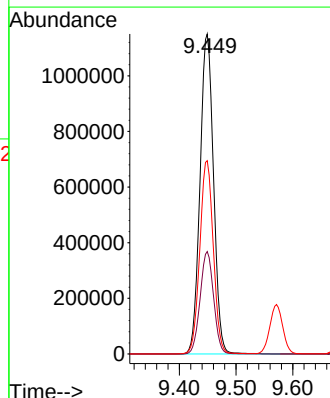
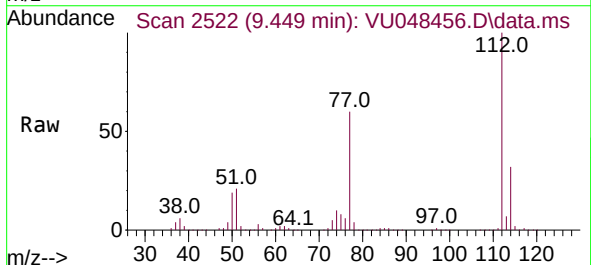
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

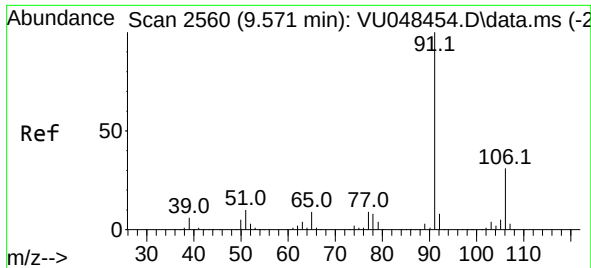
Tgt Ion:107 Resp: 786217
Ion Ratio Lower Upper
107 100
109 93.6 65.7 122.1
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 196.980 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:112 Resp: 1903438
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.6
77 60.4 48.4 72.6

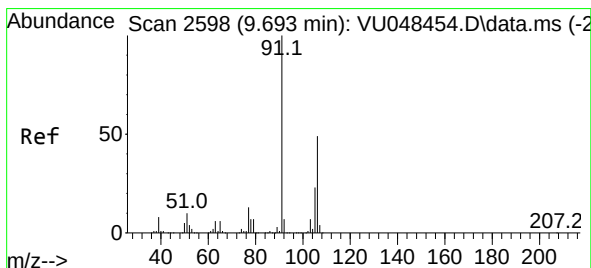
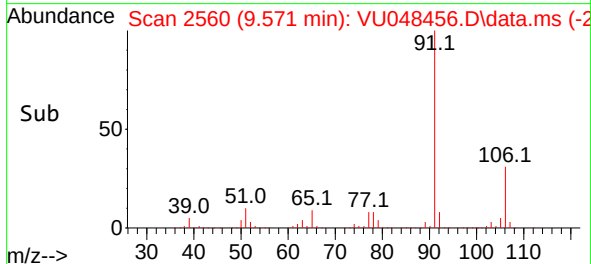
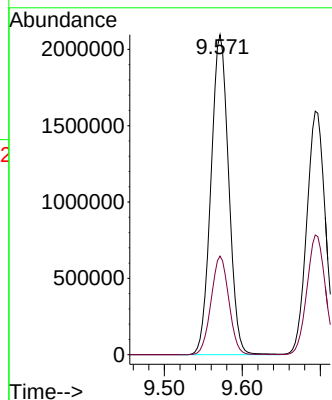
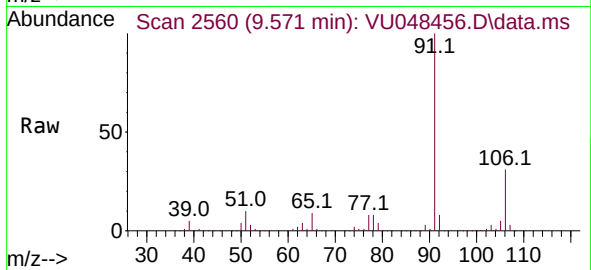




#52
Ethylbenzene
Concen: 232.161 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

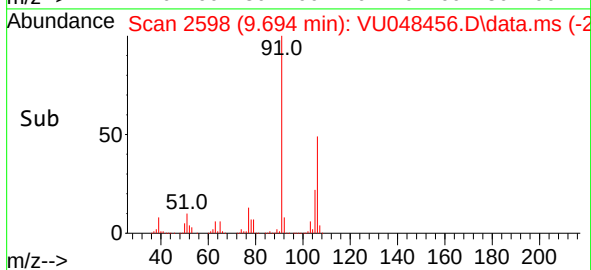
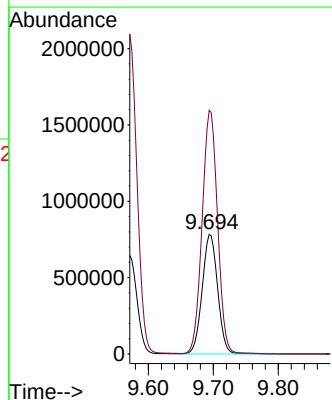
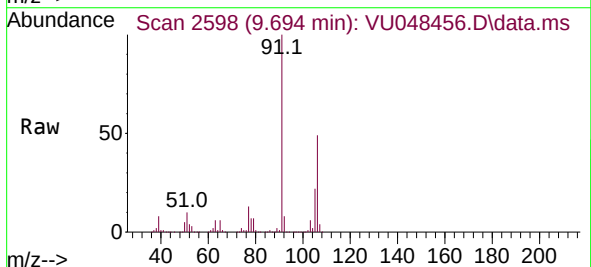
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

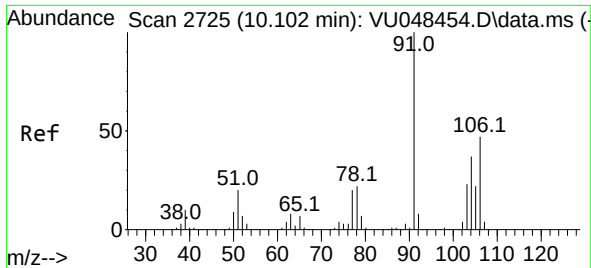
Tgt Ion: 91 Resp: 3305315
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 233.565 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 106 Resp: 1296975
Ion Ratio Lower Upper
106 100
91 203.5 144.1 267.7

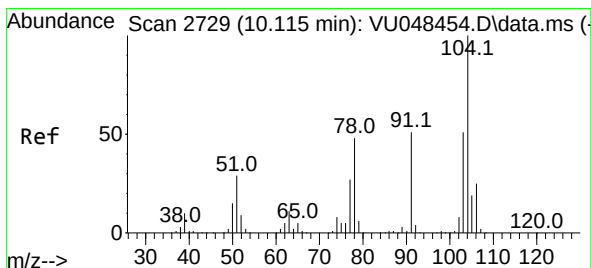
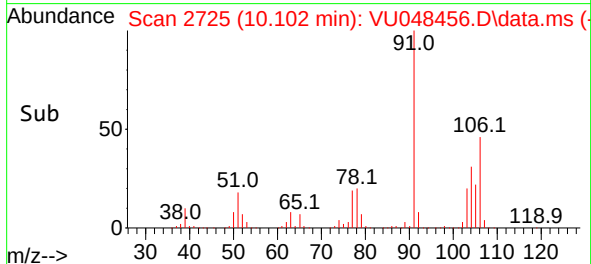
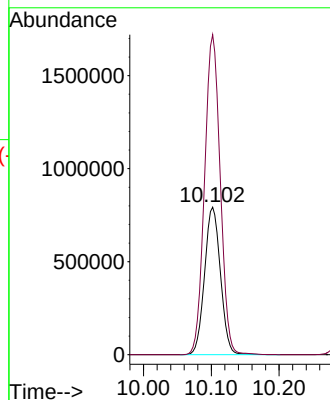
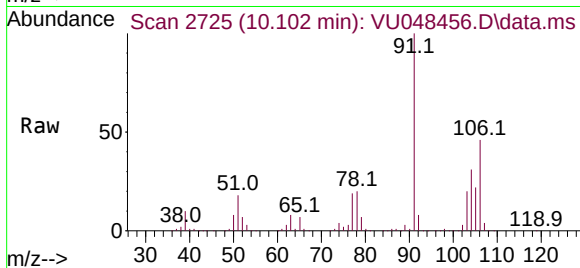




#54
o-Xylene
Concen: 231.040 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

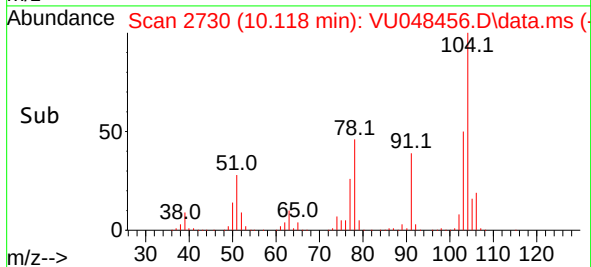
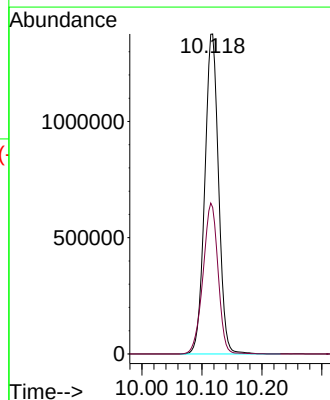
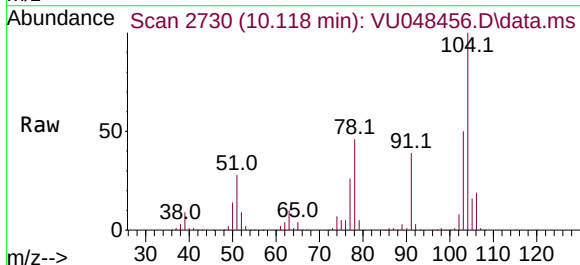
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

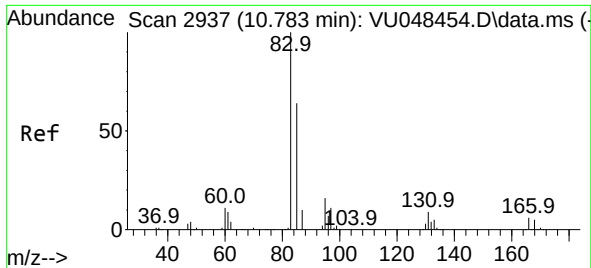
Tgt Ion:106 Resp: 1290554
Ion Ratio Lower Upper
106 100
91 216.9 148.8 276.4



#55
Styrene
Concen: 235.446 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:104 Resp: 2206768
Ion Ratio Lower Upper
104 100
78 45.8 33.4 62.0

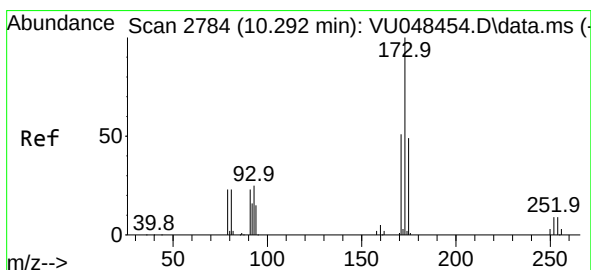
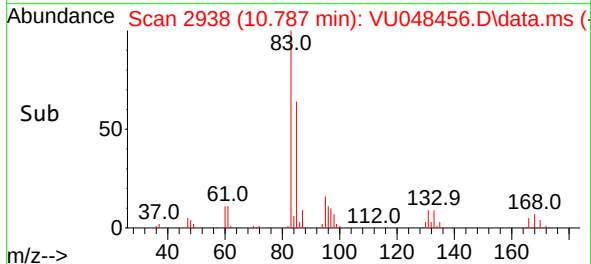
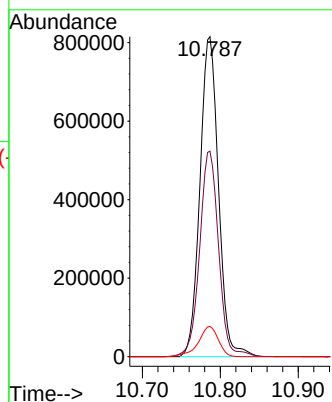
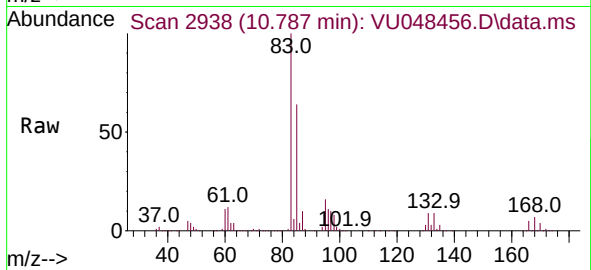




#57
1,1,2,2-Tetrachloroethane
Concen: 181.870 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

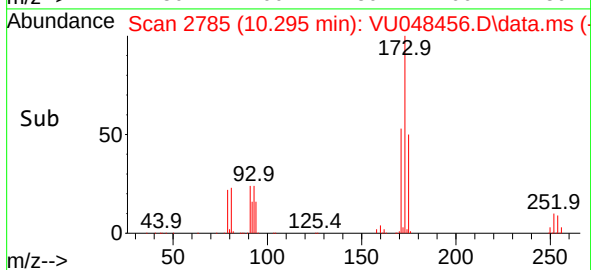
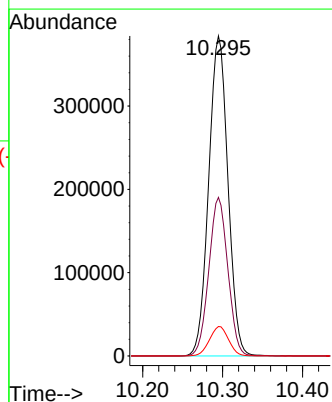
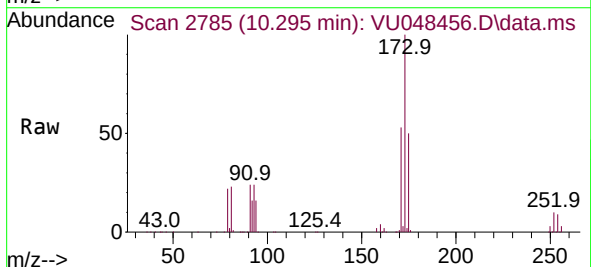
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

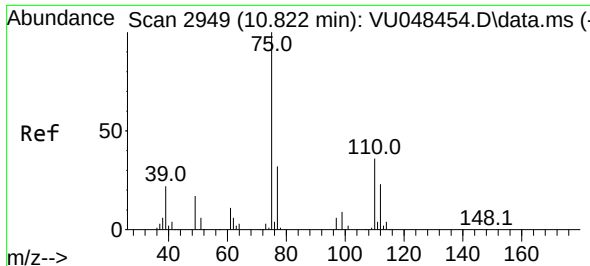
Tgt Ion: 83 Resp: 1345383
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4
131 9.4 7.4 11.0



#59
Bromoform
Concen: 190.539 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:173 Resp: 642543
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
254 9.1 7.3 10.9

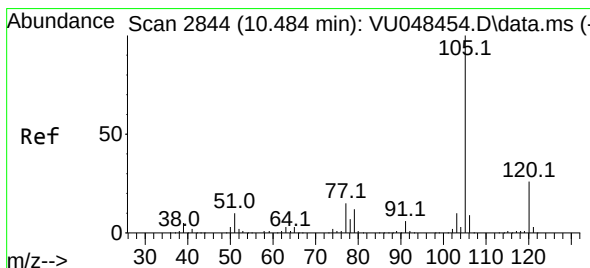
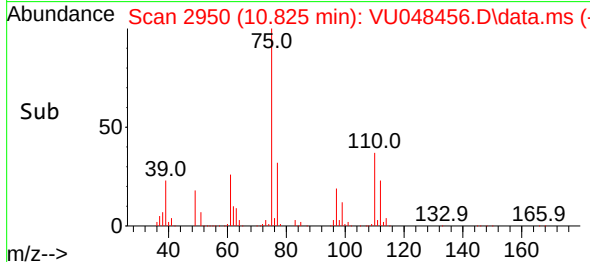
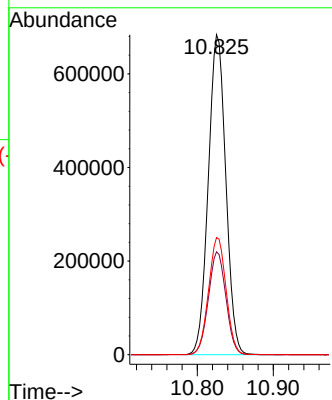
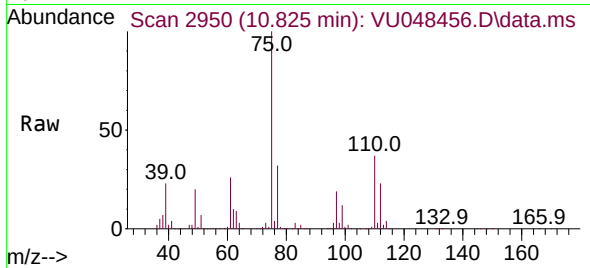




#60
1,2,3-Trichloropropane
Concen: 195.349 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

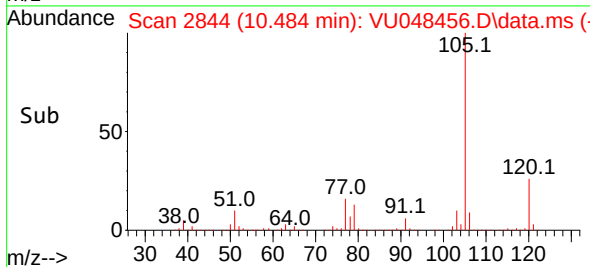
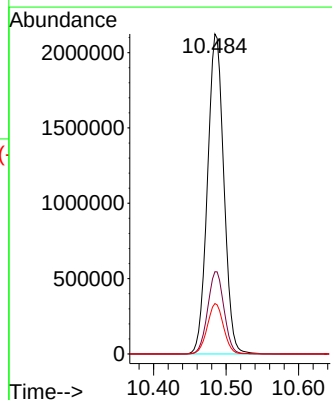
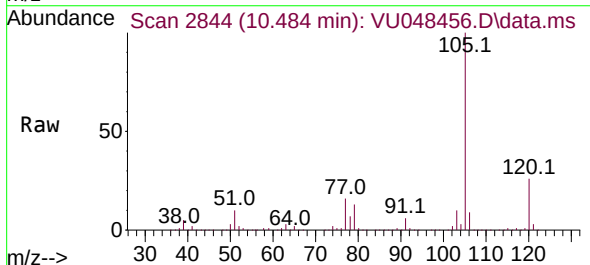
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

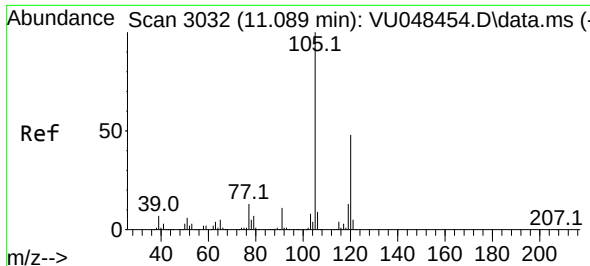
Tgt Ion: 75 Resp: 1093109
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 36.7 28.9 43.3



#61
Isopropylbenzene
Concen: 244.034 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 105 Resp: 3323741
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.7 12.5 18.7

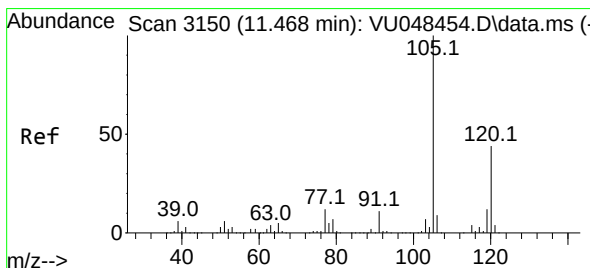
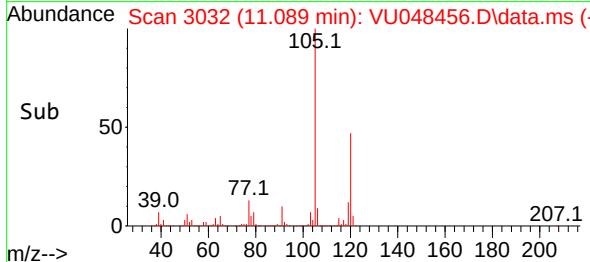
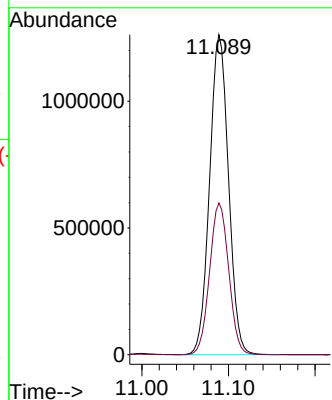
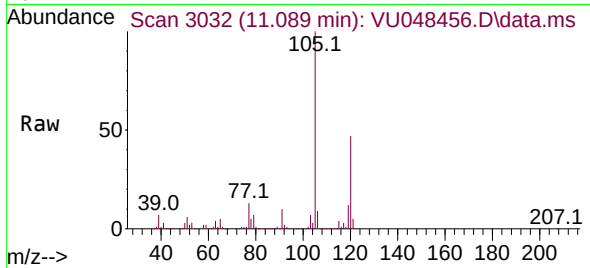




#62
 1,3,5-Trimethylbenzene
 Concen: 264.117 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

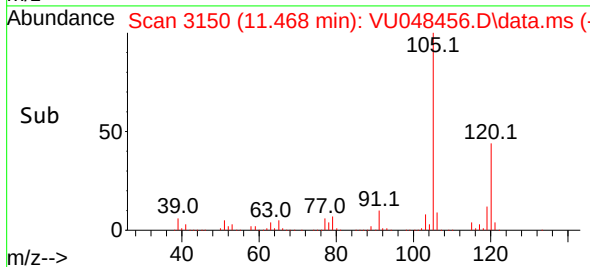
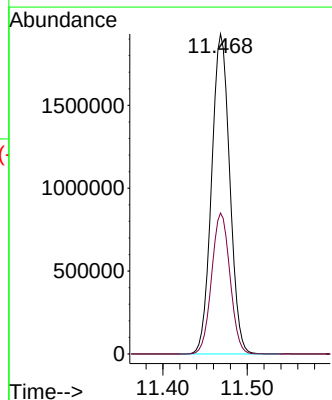
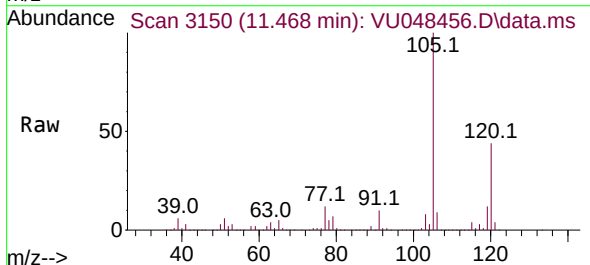
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200066

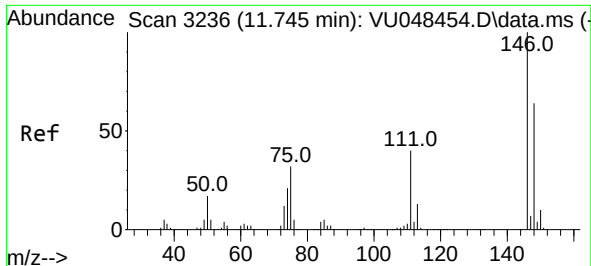
Tgt Ion:105 Resp: 1910101
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 262.638 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

Tgt Ion:105 Resp: 2889107
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.4 53.2

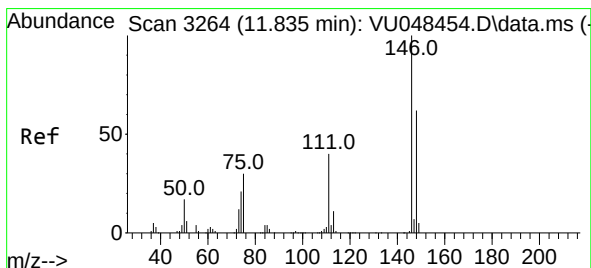
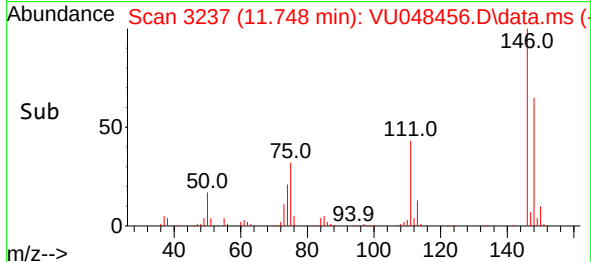
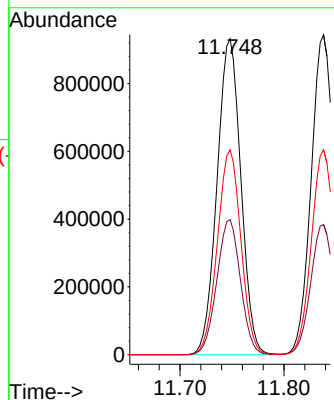
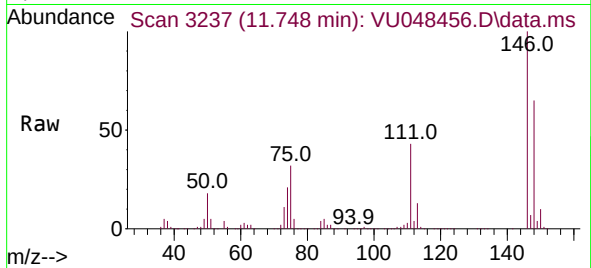




#64
1,3-Dichlorobenzene
Concen: 201.996 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

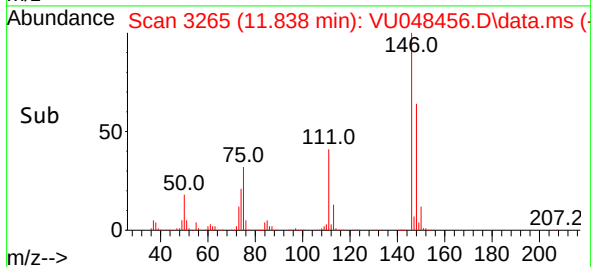
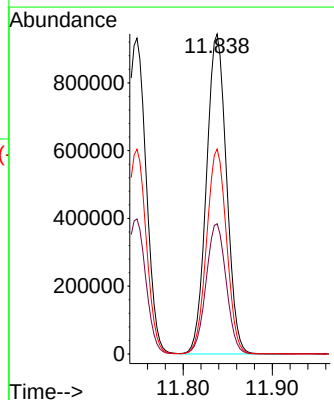
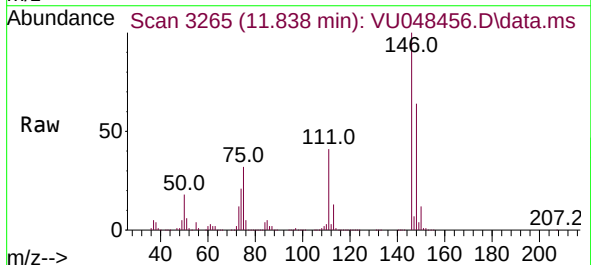
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

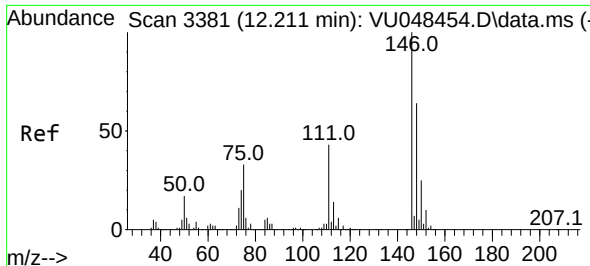
Tgt Ion:146 Resp: 1485059
Ion Ratio Lower Upper
146 100
111 42.8 28.3 52.7
148 64.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 195.624 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:146 Resp: 1474805
Ion Ratio Lower Upper
146 100
111 40.7 28.4 52.8
148 64.0 43.4 80.6

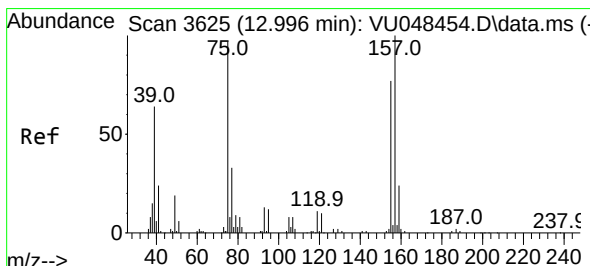
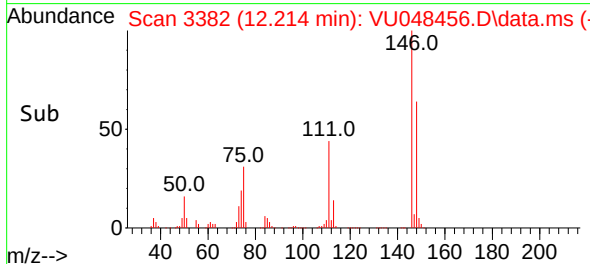
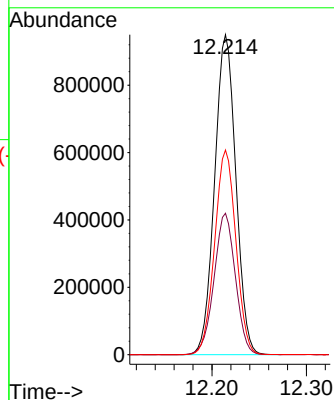
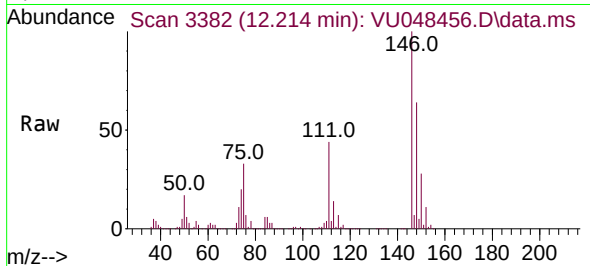




#67
1,2-Dichlorobenzene
Concen: 190.592 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

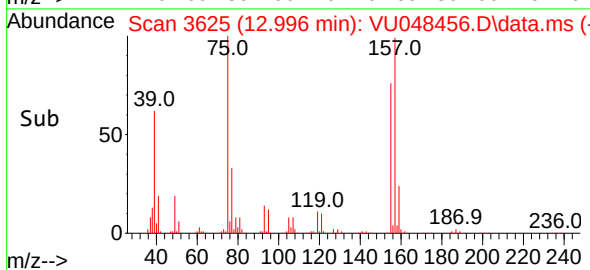
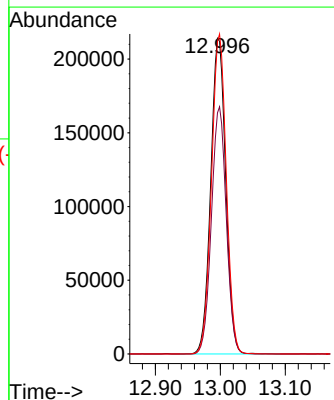
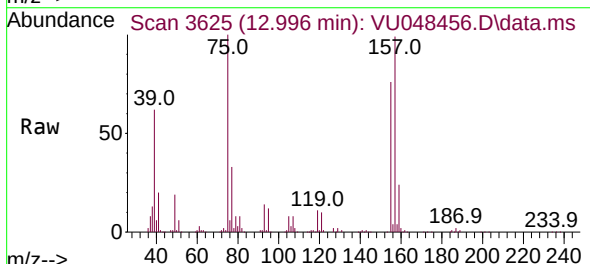
Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

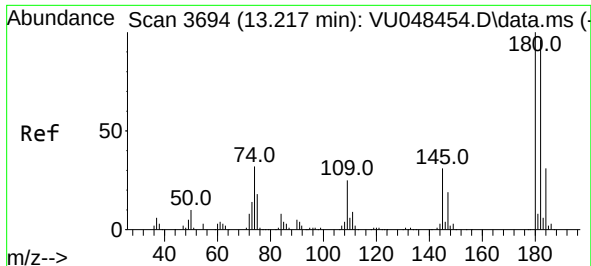
Tgt Ion:146 Resp: 1480691
Ion Ratio Lower Upper
146 100
111 44.2 34.9 52.3
148 64.0 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 226.602 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion: 75 Resp: 343869
Ion Ratio Lower Upper
75 100
155 76.4 63.4 95.0
157 99.0 82.2 123.2

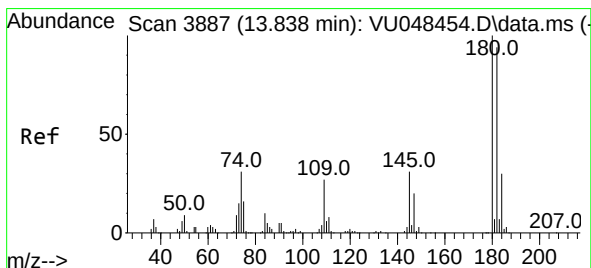
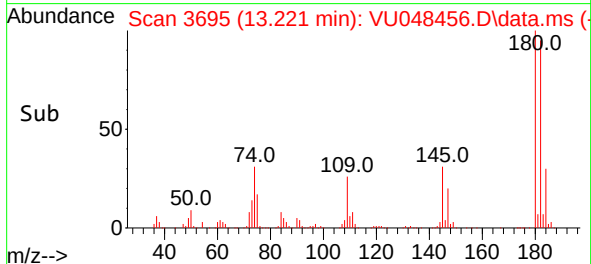
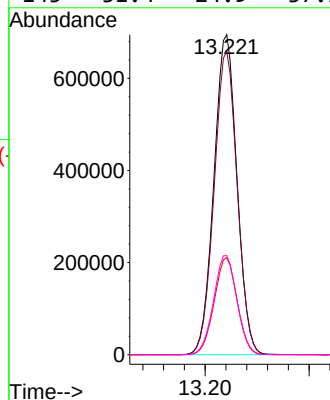
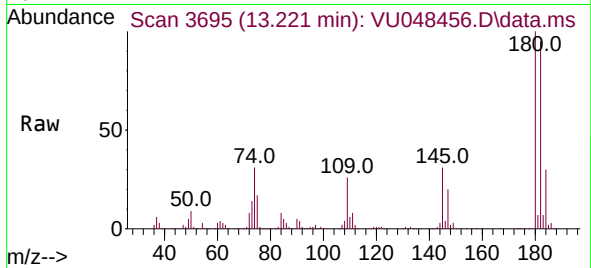




#69
 1,3,5-Trichlorobenzene
 Concen: 197.337 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

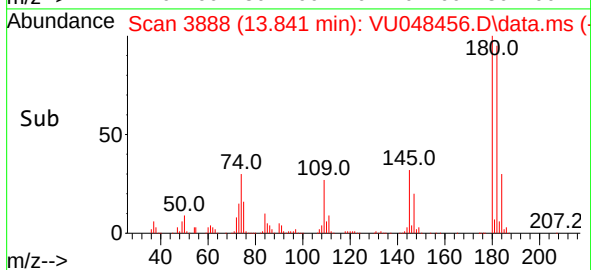
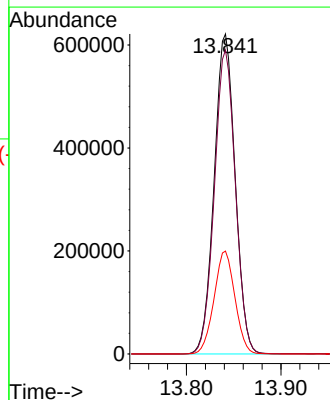
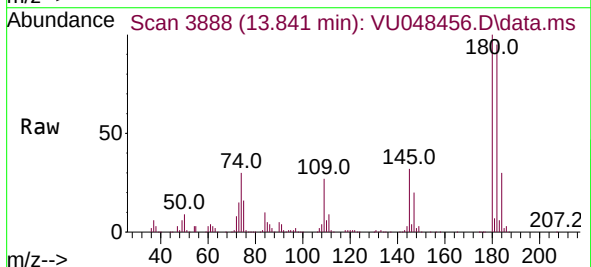
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200066

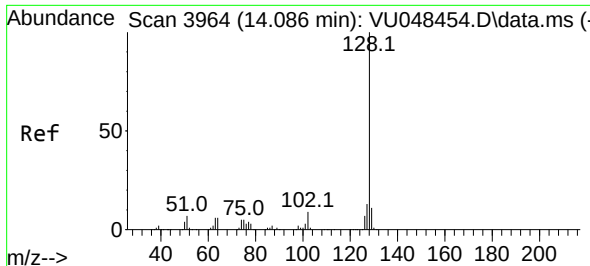
Tgt Ion:180 Resp: 1069441
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.7 113.5
 184 30.3 23.8 35.8
 145 31.4 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 222.453 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048456.D
 Acq: 06 May 2022 14:58

Tgt Ion:180 Resp: 958696
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.1 115.7
 145 31.9 24.9 37.3

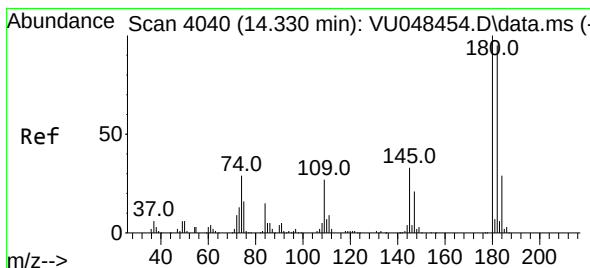
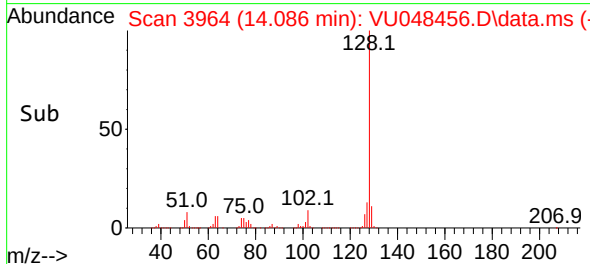
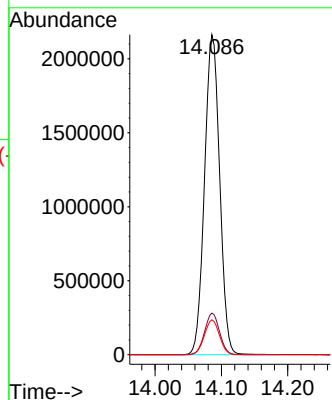
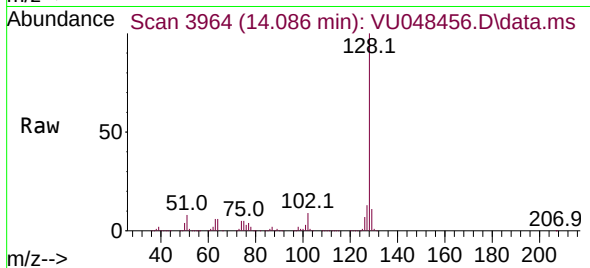




#71
Naphthalene
Concen: 269.700 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD200066

Tgt Ion:128 Resp: 3424878
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 216.532 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048456.D
Acq: 06 May 2022 14:58

Tgt Ion:180 Resp: 957289
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
145 33.5 26.4 39.6

