

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048263.D
 Acq On : 25 Apr 2022 11:34
 Operator : SY/MD
 Sample : VSTD20060
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200060

Quant Time: Apr 26 02:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	421909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	446257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	288074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	743302	232.043	ug/L	0.00
7) Chloroethane-d5	1.890	69	407074	162.151	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1235917	212.321	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1322089	476.140	ug/L	0.00
24) Chloroform-d	5.063	84	1327237	224.681	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	788430	219.484	ug/L	0.00
32) Benzene-d6	5.729	84	2778540	235.825	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	911933	246.632	ug/L	0.00
41) Toluene-d8	7.899	98	2663334	235.164	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	456571	250.855	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	1153098	528.933	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	1648391	255.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	1285808	237.410	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	591816	149.589	ug/L	100
3) Chloromethane	1.520	50	629020	162.927	ug/L	99
5) Vinyl chloride	1.604	62	678696	171.411	ug/L	98
6) Bromomethane	1.842	94	299982	147.214	ug/L	100
8) Chloroethane	1.909	64	301906	122.309	ug/L	97
9) Trichlorofluoromethane	2.125	101	883537	159.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	610762	187.002	ug/L	99
12) 1,1-Dichloroethene	2.571	96	541525	179.545	ug/L	83
13) Acetone	2.633	43	903893	359.627	ug/L	100
14) Carbon disulfide	2.787	76	1263734	138.232	ug/L	99
15) Methyl Acetate	2.948	43	770734	185.023	ug/L	99
16) Methylene chloride	3.044	84	646166	182.135	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	552299	170.415	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	1927515	203.095	ug/L	99
19) 1,1-Dichloroethane	3.867	63	1118408	193.588	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	683025	187.684	ug/L	97
22) 2-Butanone	4.706	43	1276584	380.679	ug/L	100
23) Bromochloromethane	4.977	128	362747	182.590	ug/L	99
25) Chloroform	5.089	83	1150941	186.450	ug/L	100
27) 1,2-Dichloroethane	5.793	62	820907	173.992	ug/L	99
29) Cyclohexane	5.388	56	899944	190.217	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	951225	179.324	ug/L	99
31) Carbon tetrachloride	5.523	117	823268	174.258	ug/L	100
33) Benzene	5.774	78	2502123	183.424	ug/L	100
34) Trichloroethene	6.542	95	641542	182.340	ug/L	99
35) Methylcyclohexane	6.764	83	1008372	189.241	ug/L	98
37) 1,2-Dichloropropane	6.793	63	708744	199.367	ug/L	100
38) Bromodichloromethane	7.108	83	929622	194.818	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	1136266	210.147	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	2322244	408.970	ug/L	99
42) Toluene	7.970	91	2834283	190.588	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1119186	207.759	ug/L	100

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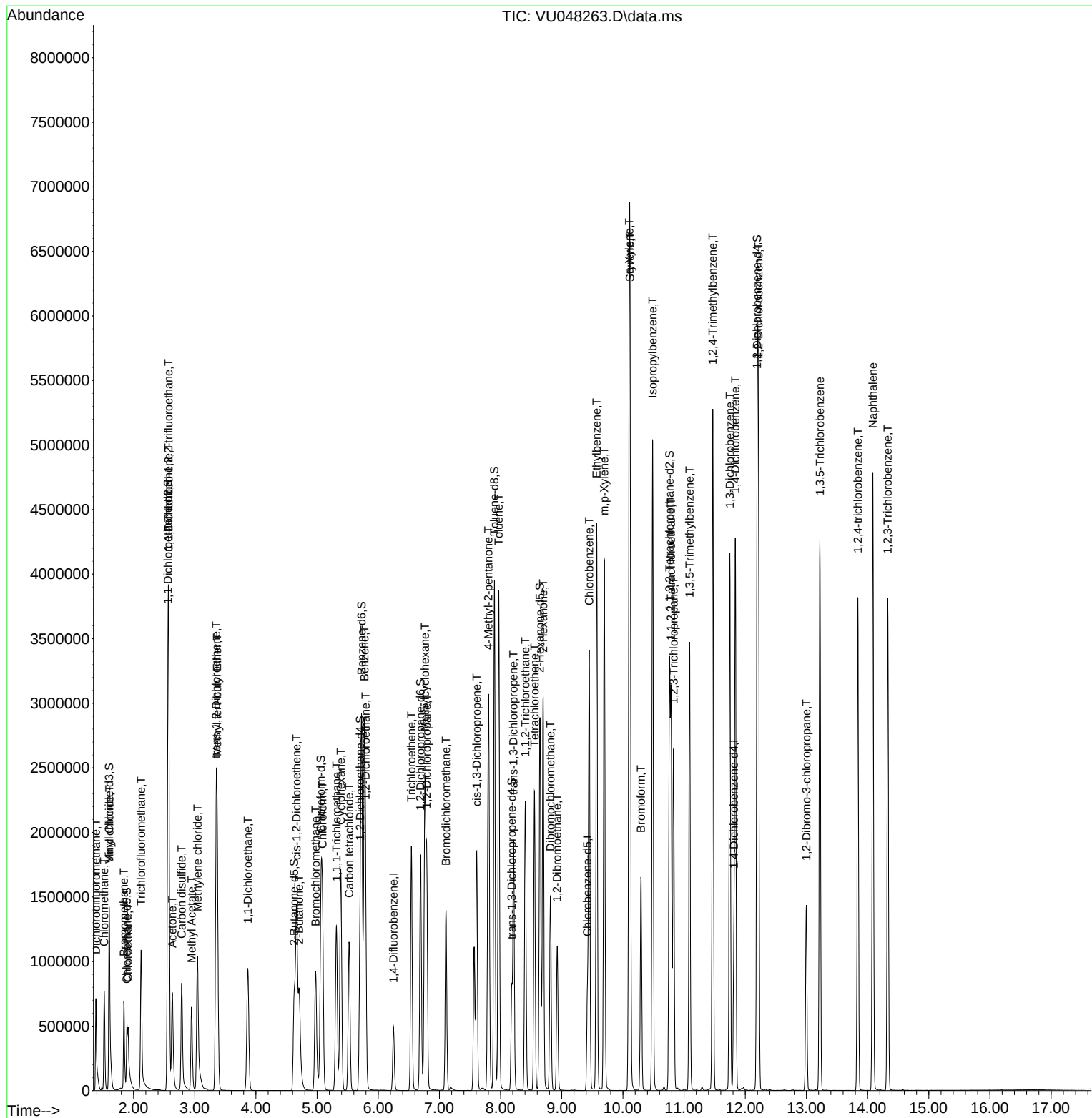
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	759320	201.543	ug/L	99
46) Tetrachloroethene	8.555	164	557128	177.050	ug/L	99
48) 2-Hexanone	8.697	43	1981943	409.123	ug/L	99
49) Dibromochloromethane	8.816	129	852403	197.794	ug/L	100
50) 1,2-Dibromoethane	8.925	107	775791	188.172	ug/L	98
51) Chlorobenzene	9.449	112	1951466	191.131	ug/L	99
52) Ethylbenzene	9.571	91	3176033	201.899	ug/L	100
53) m,p-Xylene	9.697	106	1249543	201.723	ug/L	99
54) o-Xylene	10.102	106	1283708	209.263	ug/L	100
55) Styrene	10.118	104	2264327	215.297	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	1515754	211.216	ug/L	100
59) Bromoform	10.295	173	779429	196.667	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	1138186	190.604	ug/L	99
61) Isopropylbenzene	10.488	105	3344481	200.624	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1882596	207.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	2900679	209.048	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	1778386	192.154	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	1777672	187.366	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1823932	196.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	343285	186.584	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	1422958	192.649	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	1250526	197.400	ug/L	99
71) Naphthalene	14.085	128	3837735	203.367	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	1229635	192.430	ug/L	99

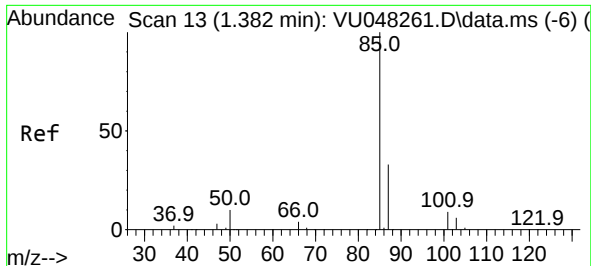
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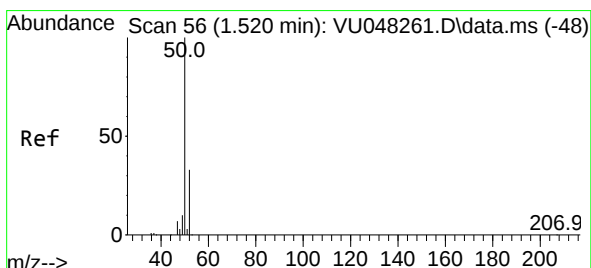
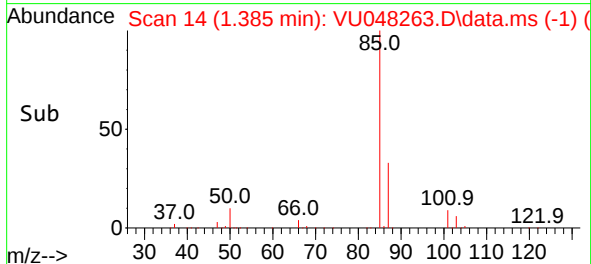
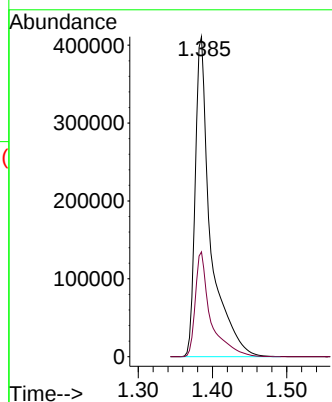
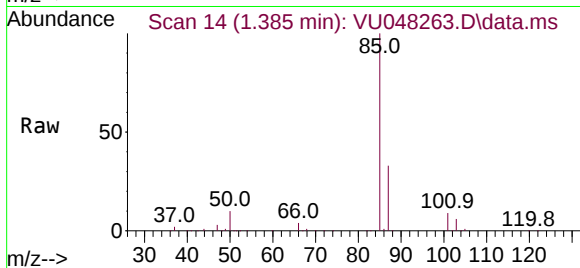




#2
Dichlorodifluoromethane
Concen: 149.589 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

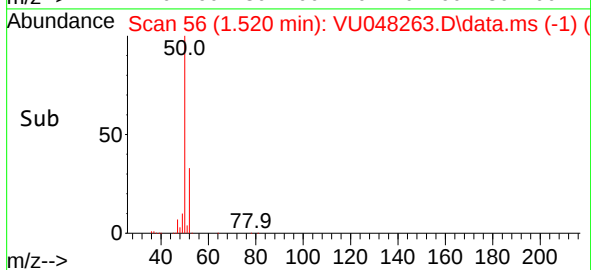
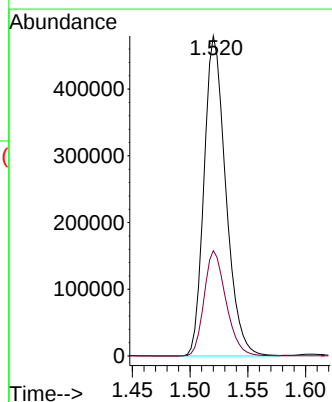
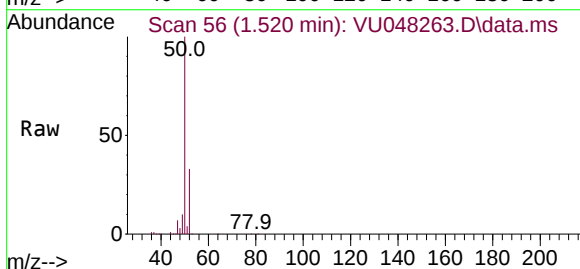
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

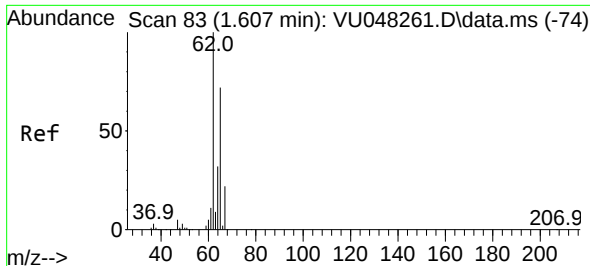
Tgt Ion: 85 Resp: 591816
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 162.927 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 50 Resp: 629020
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

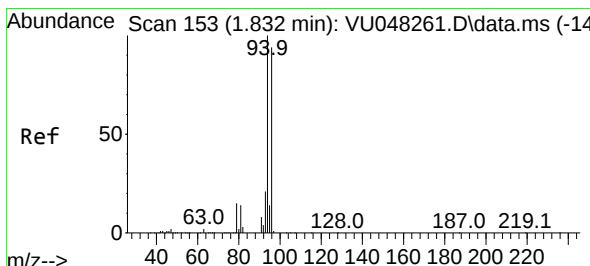
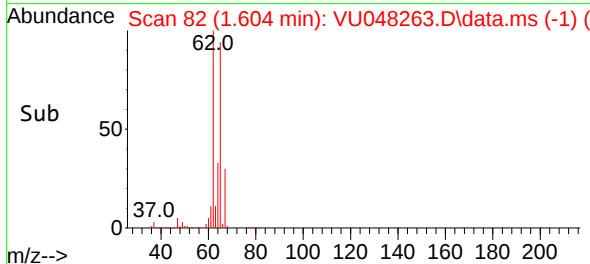
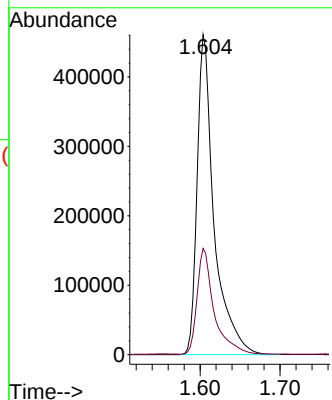
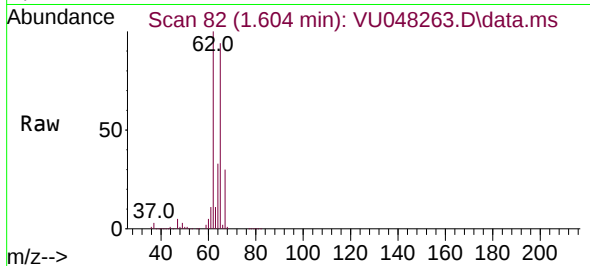




#5
 Vinyl chloride
 Concen: 171.411 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

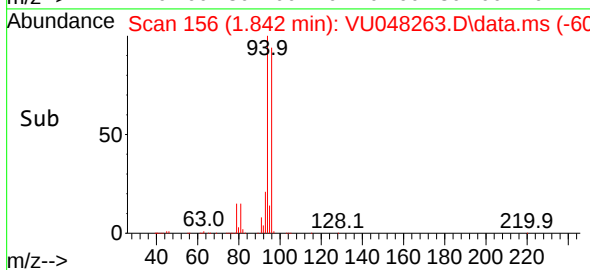
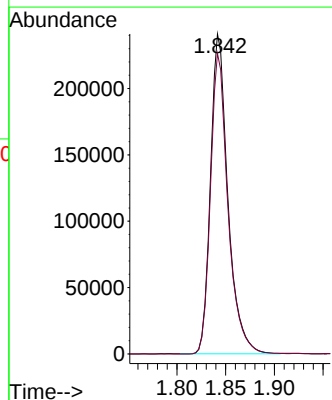
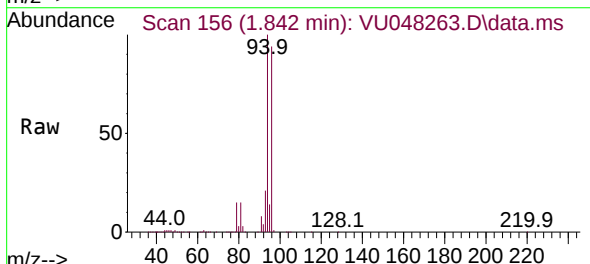
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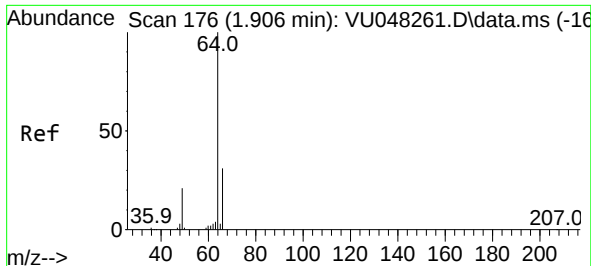
Tgt Ion: 62 Resp: 678696
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.7



#6
 Bromomethane
 Concen: 147.214 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

Tgt Ion: 94 Resp: 299982
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.8 122.2

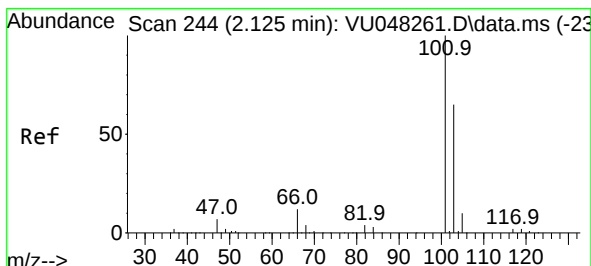
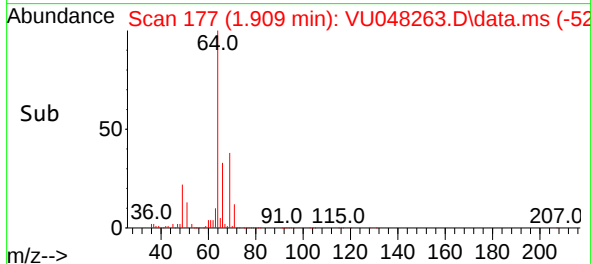
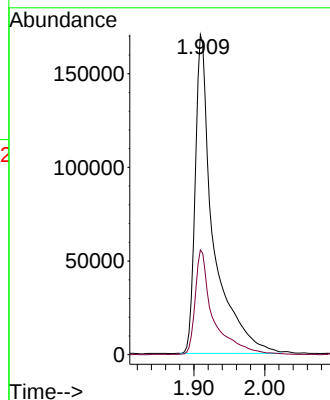
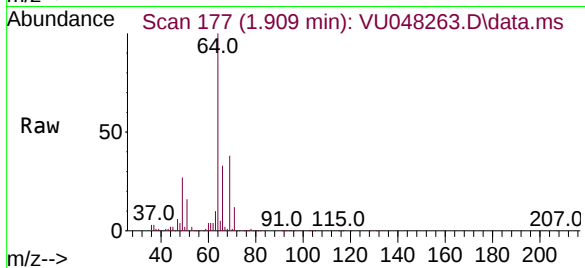




#8
Chloroethane
Concen: 122.309 ug/L
RT: 1.909 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

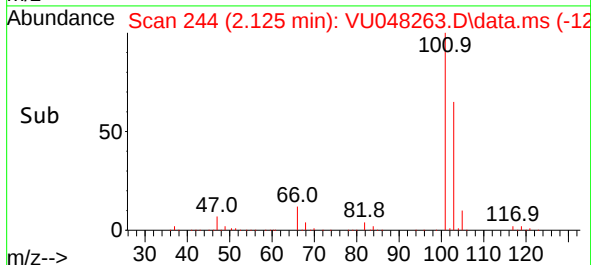
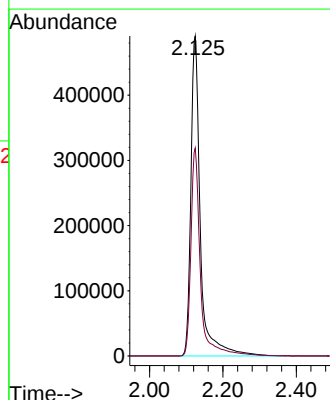
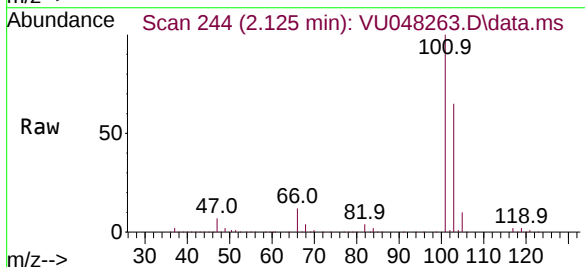
Instrument :
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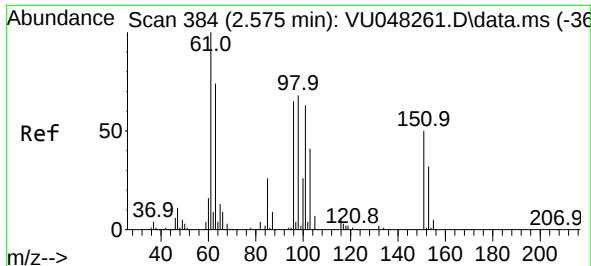
Tgt Ion: 64 Resp: 301906
Ion Ratio Lower Upper
64 100
66 32.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 159.648 ug/L
RT: 2.125 min Scan# 244
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:101 Resp: 883537
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

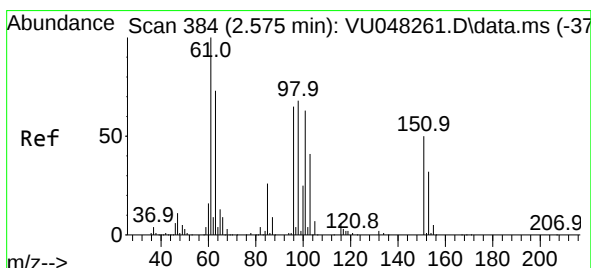
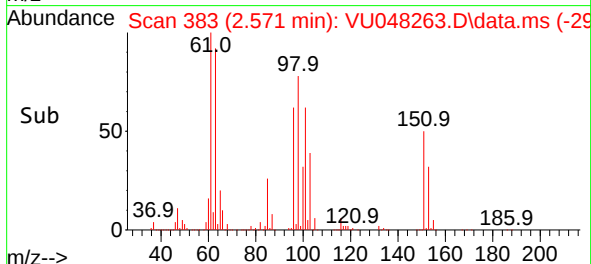
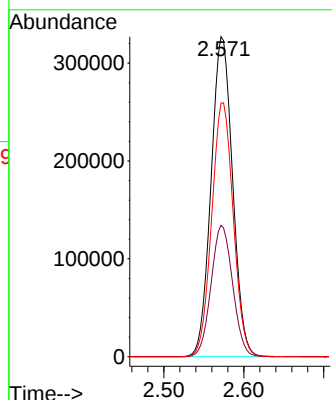
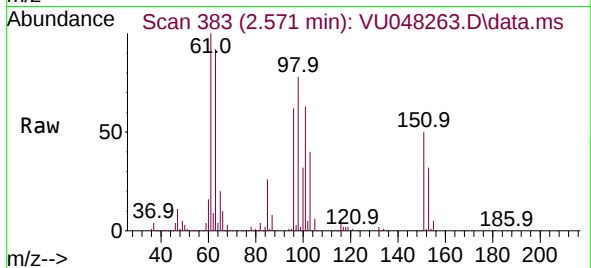




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 187.002 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

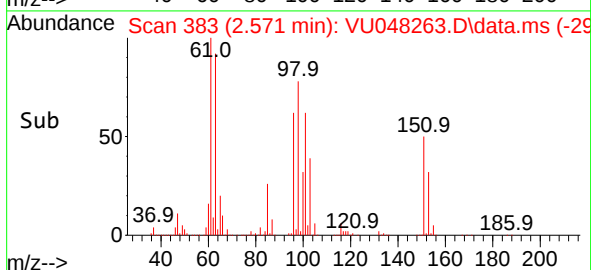
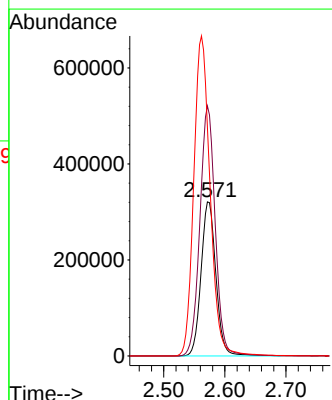
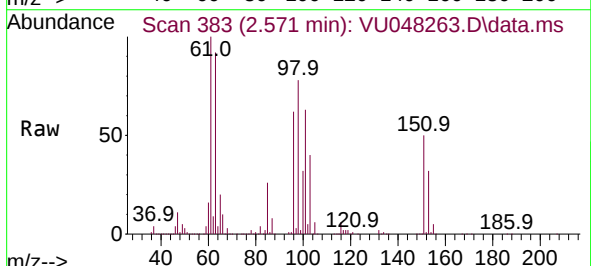
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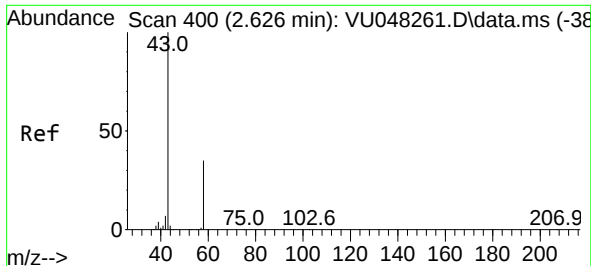
Tgt Ion:101 Resp: 610762
Ion Ratio Lower Upper
101 100
85 41.1 32.6 48.8
151 79.5 64.1 96.1



#12
1,1-Dichloroethene
Concen: 179.545 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 96 Resp: 541525
Ion Ratio Lower Upper
96 100
61 162.3 107.9 200.3
63 148.6 80.3 149.1





#13

Acetone

Concen: 359.627 ug/L

RT: 2.633 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU048263.D

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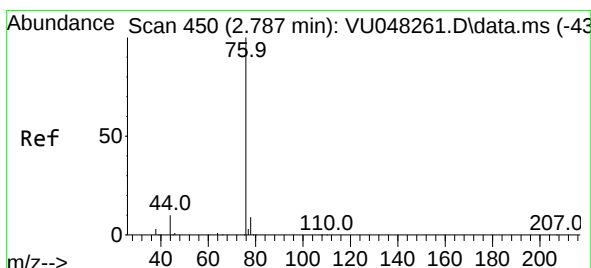
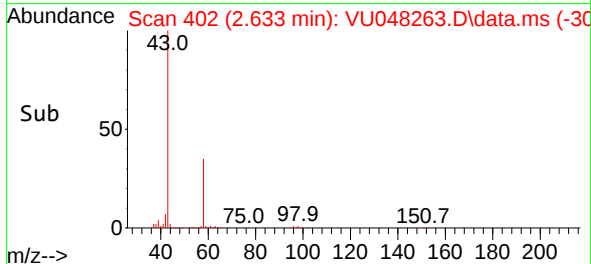
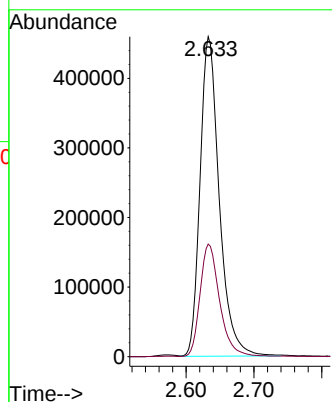
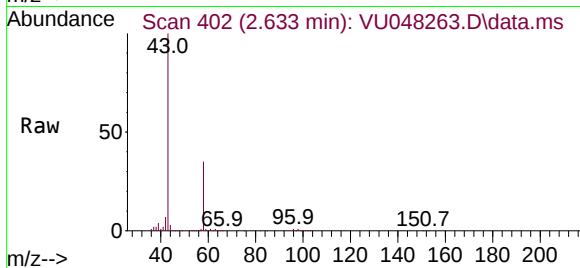
VSTD200060

Tgt Ion: 43 Resp: 903893

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.2



#14

Carbon disulfide

Concen: 138.232 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU048263.D

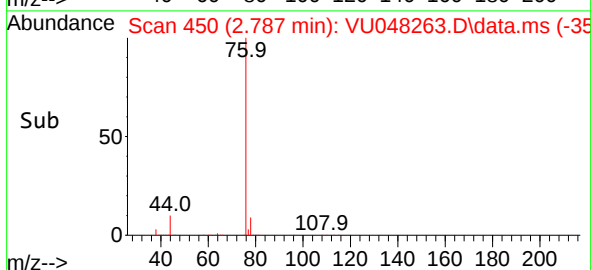
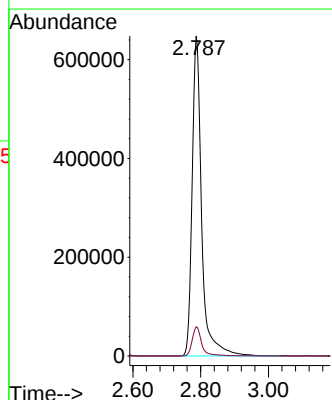
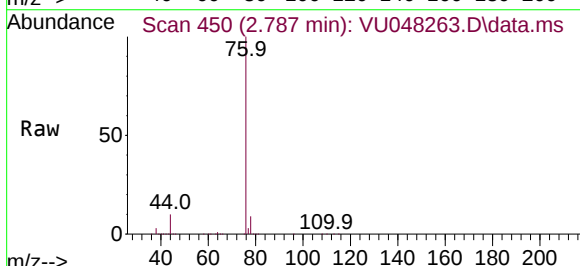
Acq: 25 Apr 2022 11:34

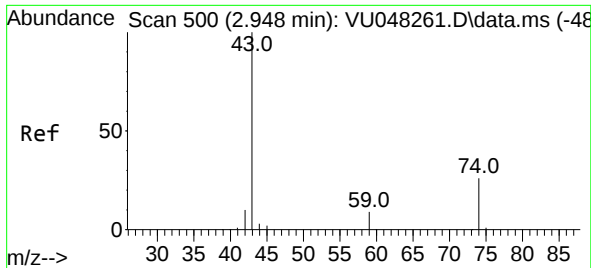
Tgt Ion: 76 Resp: 1263734

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

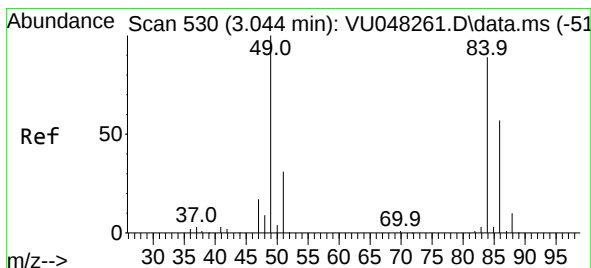
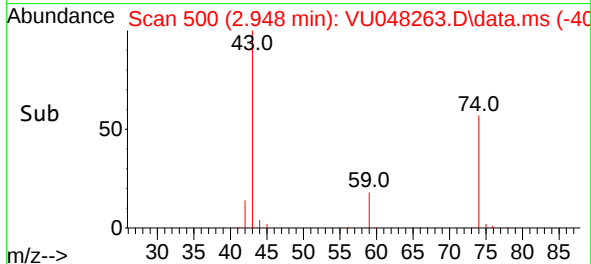
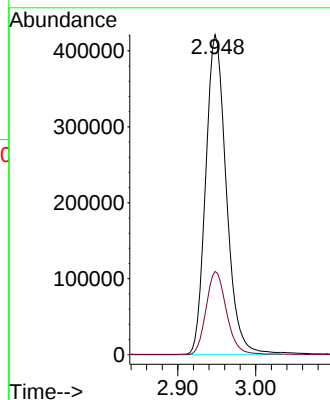
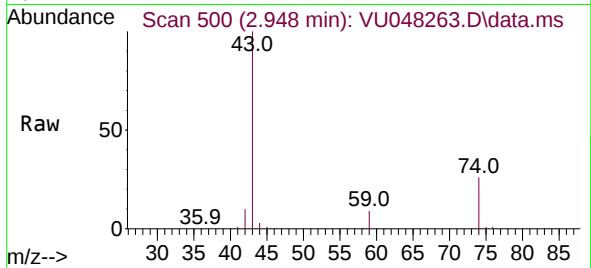




#15
Methyl Acetate
Concen: 185.023 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

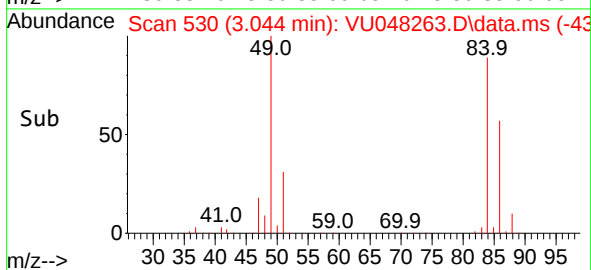
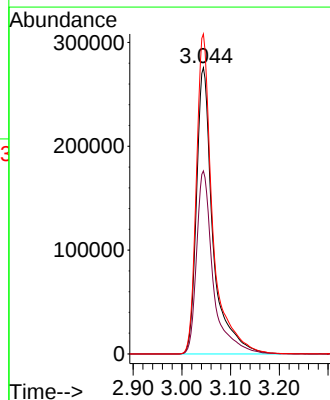
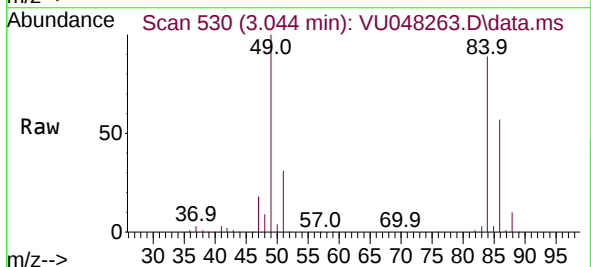
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

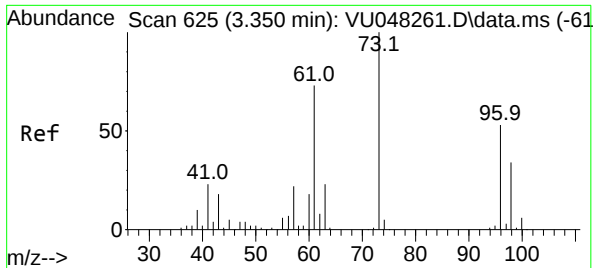
Tgt Ion: 43 Resp: 770734
Ion Ratio Lower Upper
43 100
74 26.0 21.0 31.6



#16
Methylene chloride
Concen: 182.135 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 84 Resp: 646166
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 111.8 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 170.415 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD200060

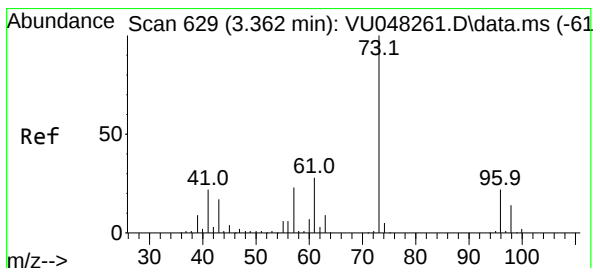
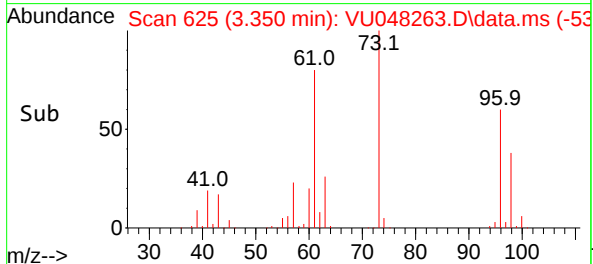
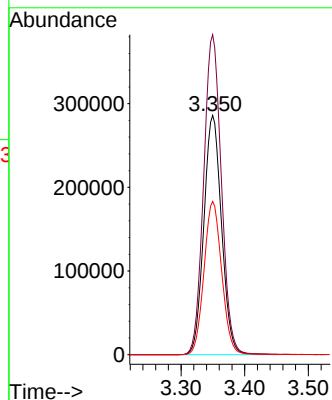
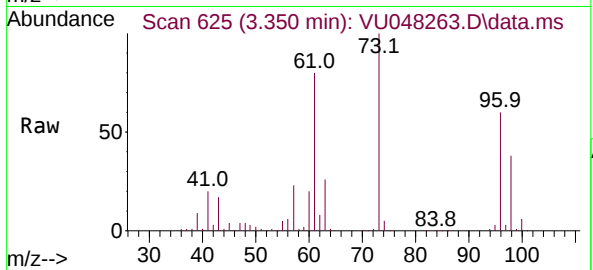
Tgt Ion: 96 Resp: 552299

Ion Ratio Lower Upper

96 100

61 133.7 95.2 176.8

98 64.0 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 203.095 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

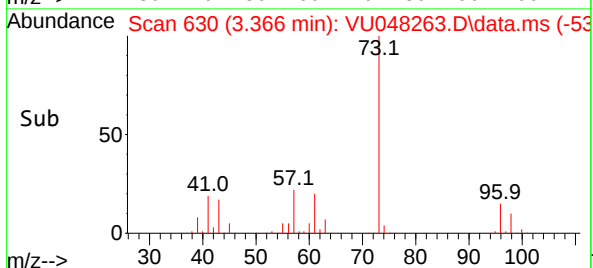
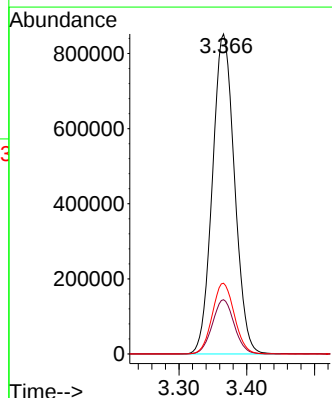
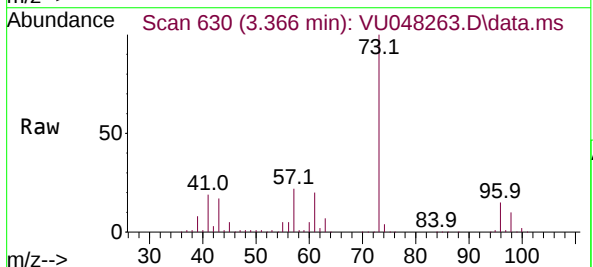
Tgt Ion: 73 Resp: 1927515

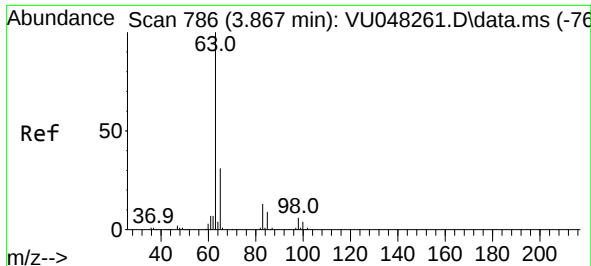
Ion Ratio Lower Upper

73 100

43 16.7 13.8 20.6

57 22.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 193.588 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

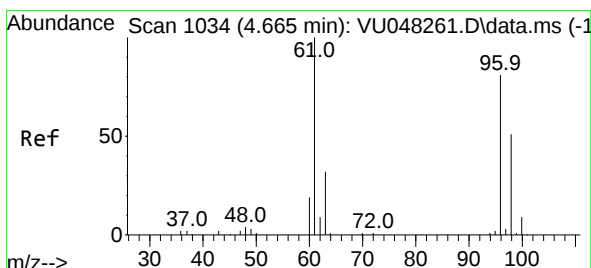
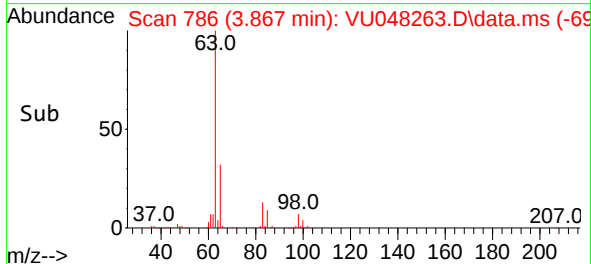
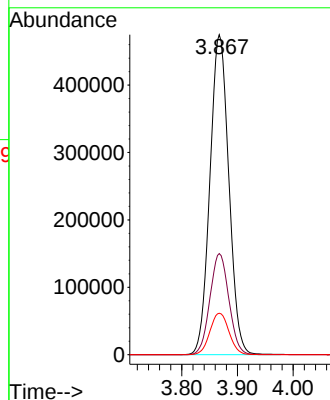
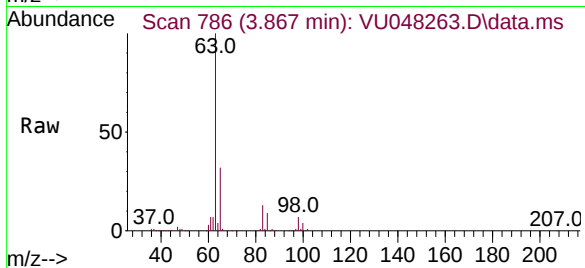
MSVOA_U

ClientSampleId :

VSTD200060

Tgt Ion: 63 Resp: 1118408

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	40.8
83	13.0	8.8	16.4



#20

cis-1,2-Dichloroethene

Concen: 187.684 ug/L

RT: 4.665 min Scan# 1034

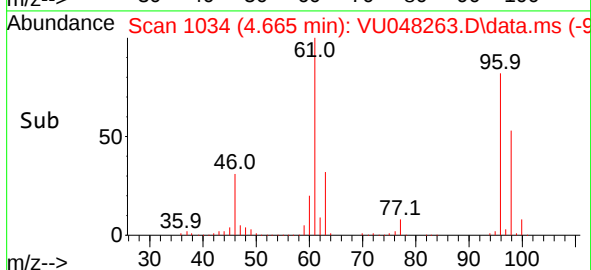
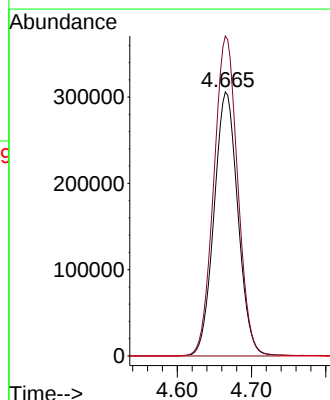
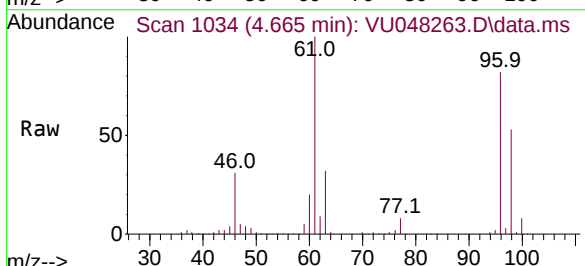
Delta R.T. 0.000 min

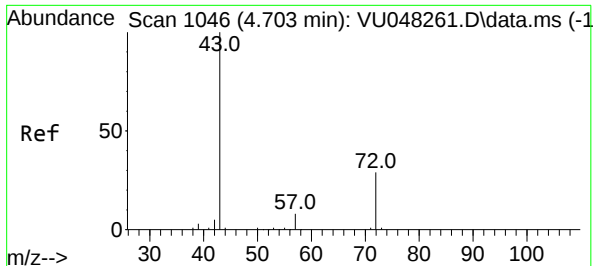
Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Tgt Ion: 96 Resp: 683025

Ion	Ratio	Lower	Upper
96	100		
61	121.2	87.0	161.6
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 380.679 ug/L

RT: 4.706 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

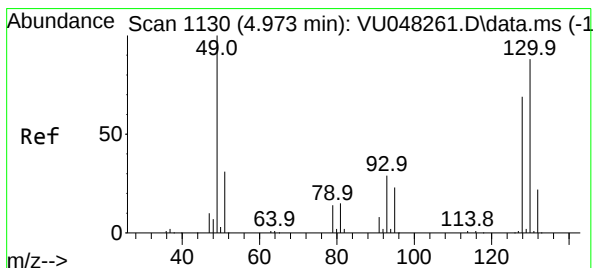
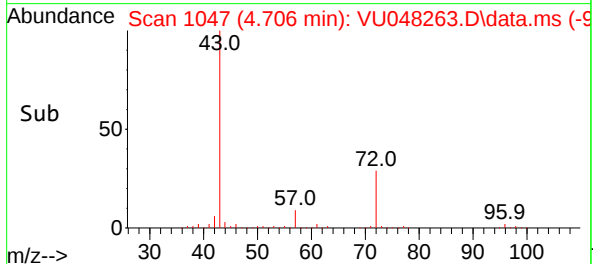
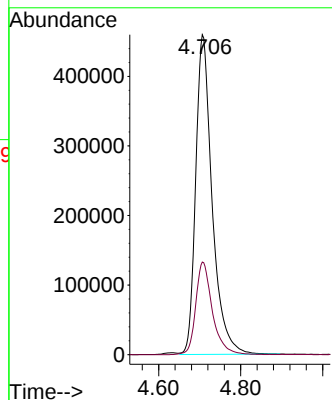
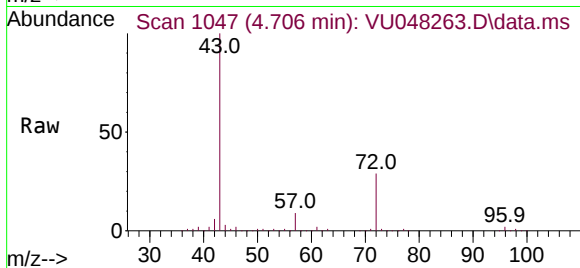
VSTD200060

Tgt Ion: 43 Resp: 1276584

Ion Ratio Lower Upper

43 100

72 29.5 14.6 43.8



#23

Bromochloromethane

Concen: 182.590 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Tgt Ion:128 Resp: 362747

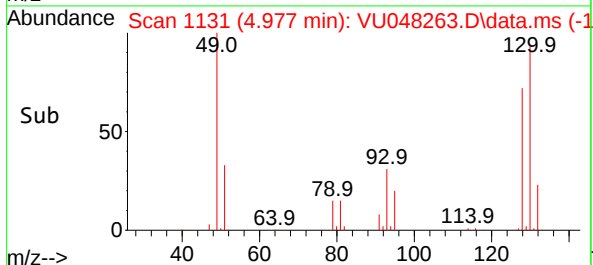
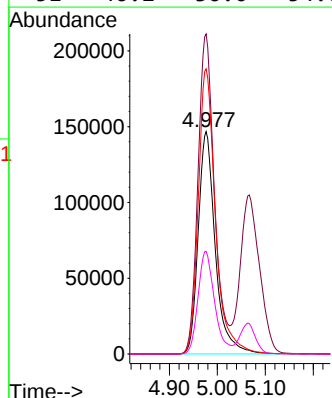
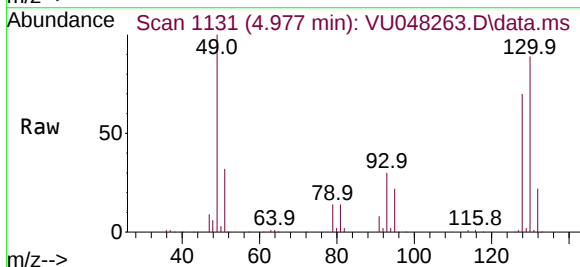
Ion Ratio Lower Upper

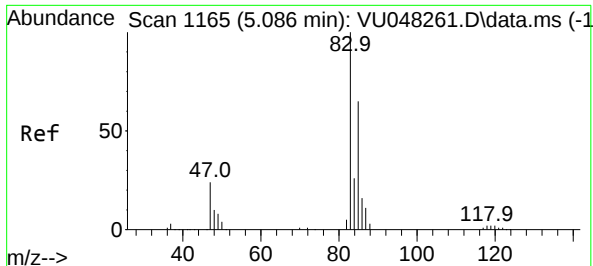
128 100

49 143.9 101.3 188.1

130 128.2 89.0 165.2

51 46.2 36.0 54.0





#25

Chloroform

Concen: 186.450 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

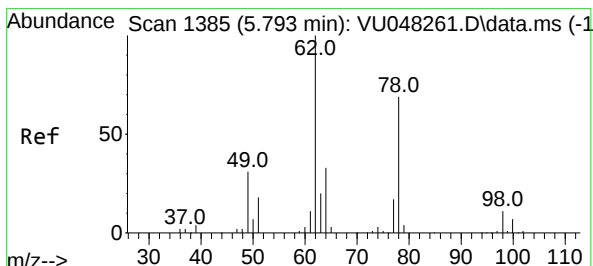
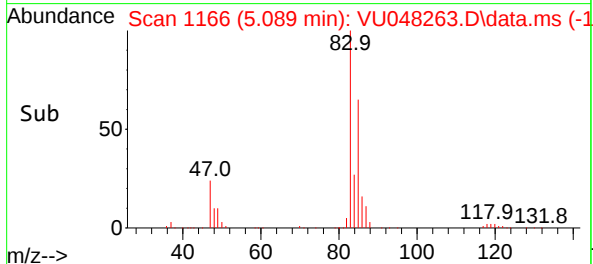
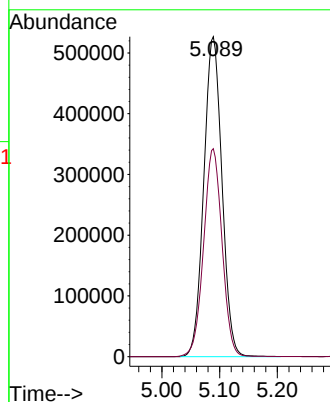
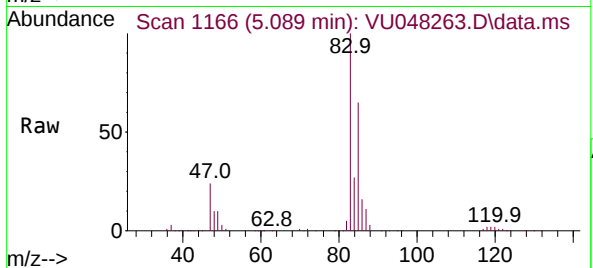
VSTD200060

Tgt Ion: 83 Resp: 1150941

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 173.992 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048263.D

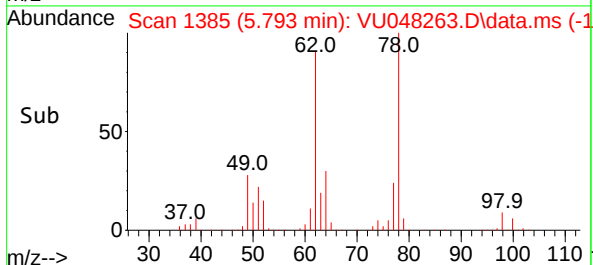
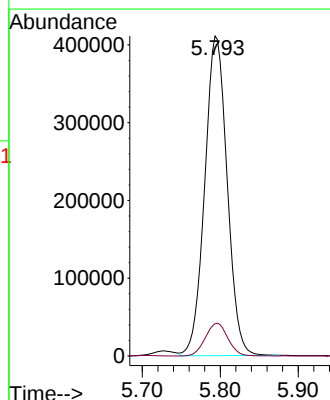
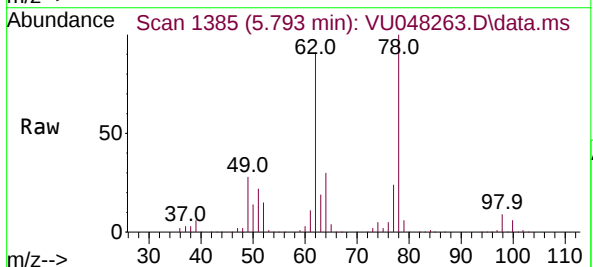
Acq: 25 Apr 2022 11:34

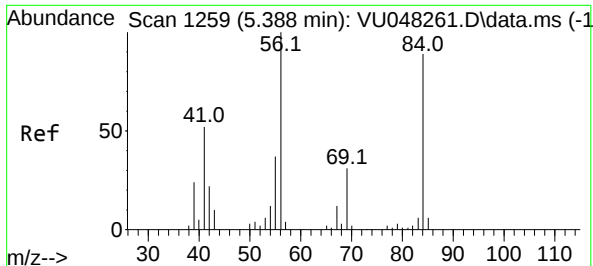
Tgt Ion: 62 Resp: 820907

Ion Ratio Lower Upper

62 100

98 10.1 8.5 12.7





#29

Cyclohexane

Concen: 190.217 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD200060

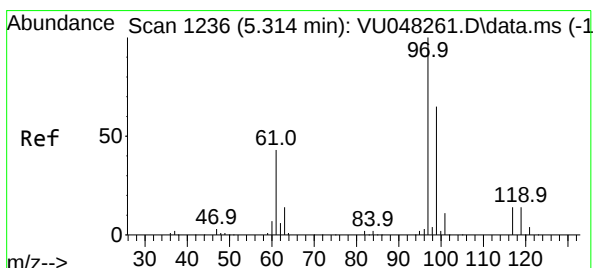
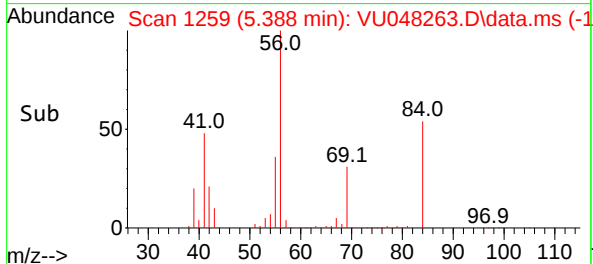
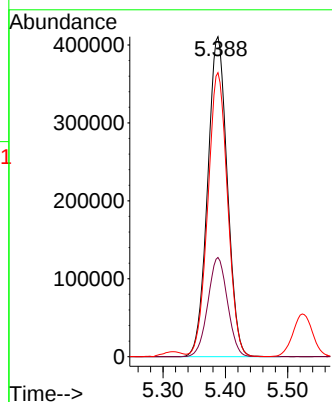
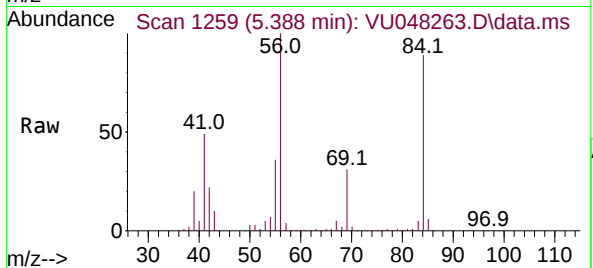
Tgt Ion: 56 Resp: 899944

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 89.2 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 179.324 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

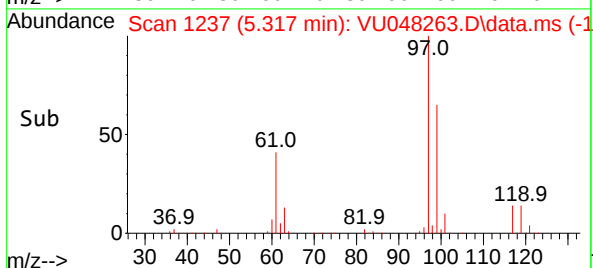
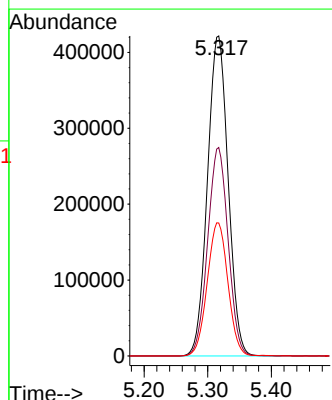
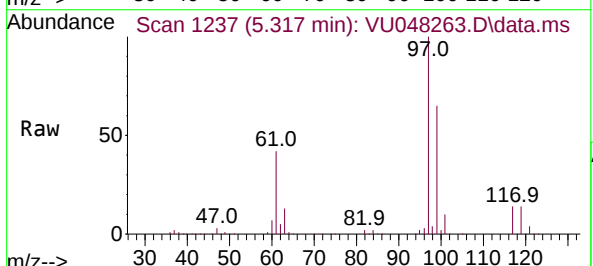
Tgt Ion: 97 Resp: 951225

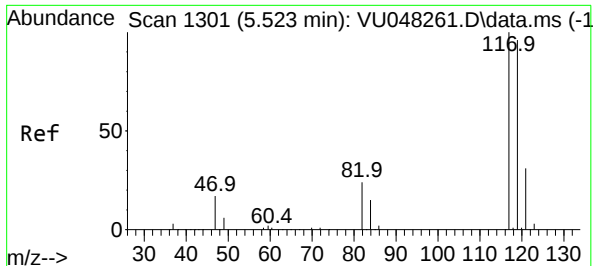
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 41.7 33.9 50.9

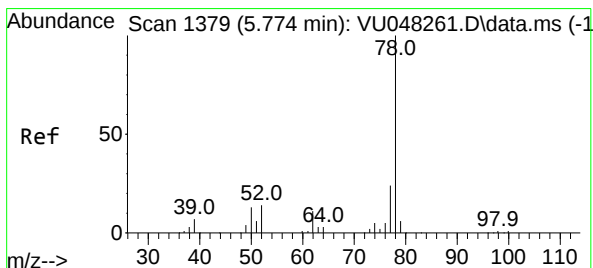
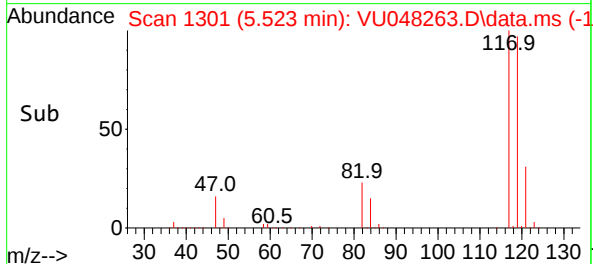
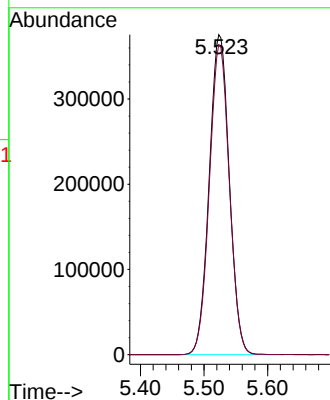
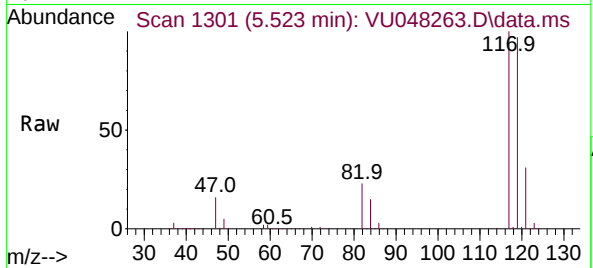




#31
Carbon tetrachloride
Concen: 174.258 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

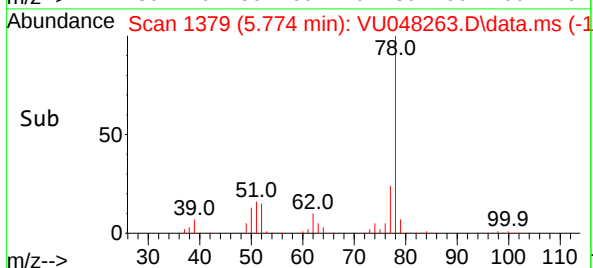
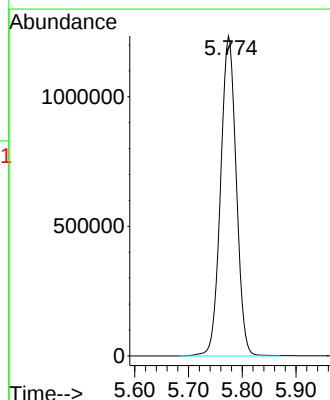
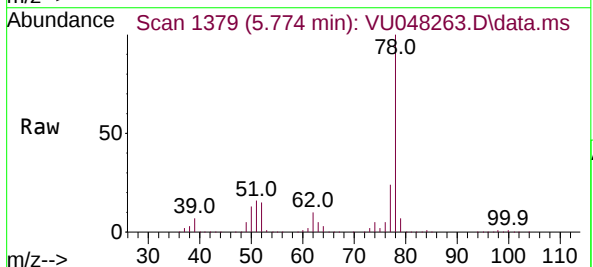
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

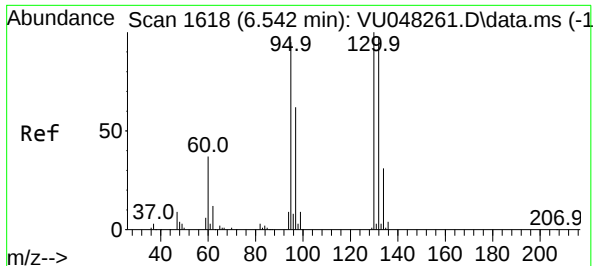
Tgt Ion:117 Resp: 823268
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 183.424 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 78 Resp: 2502123

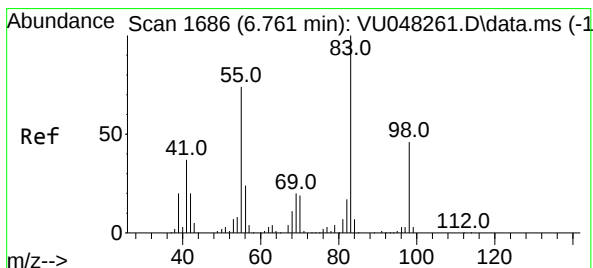
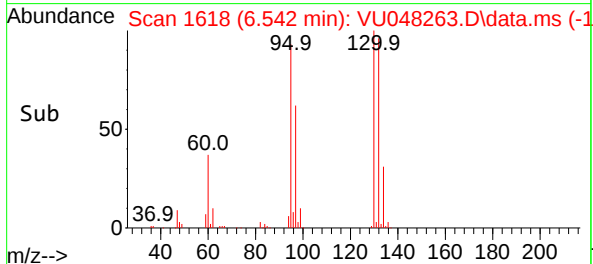
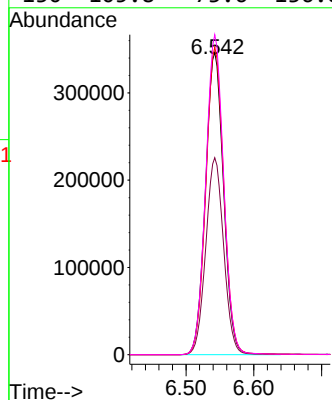
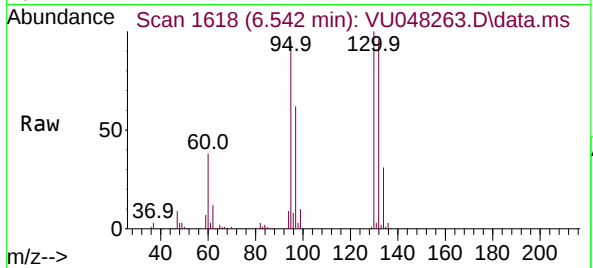




#34
Trichloroethene
Concen: 182.340 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

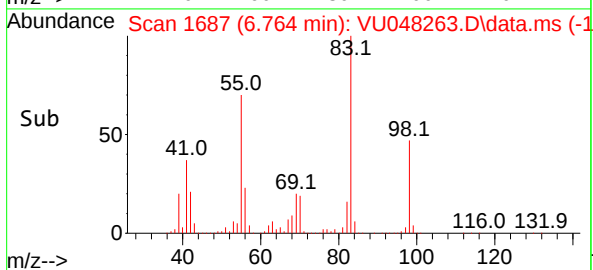
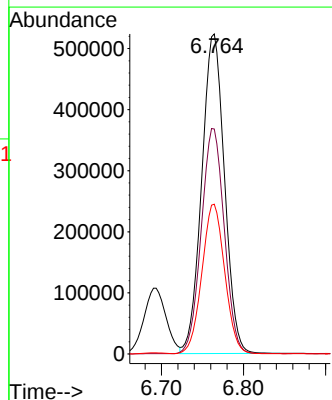
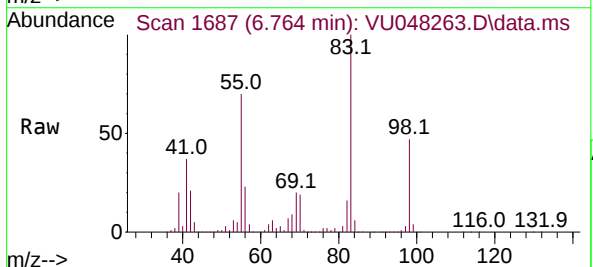
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

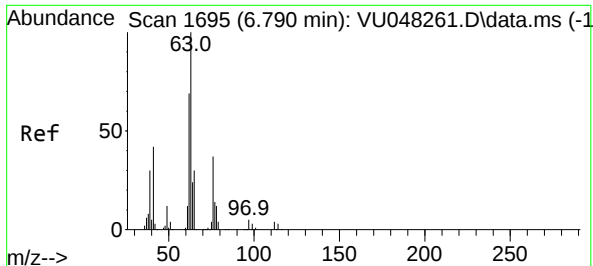
Tgt Ion: 95 Resp: 641542
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 101.7 71.6 133.0
130 105.8 73.6 136.8



#35
Methylcyclohexane
Concen: 189.241 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 83 Resp: 1008372
Ion Ratio Lower Upper
83 100
55 71.0 59.4 89.2
98 46.8 37.3 55.9





#37

1,2-Dichloropropane

Concen: 199.367 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

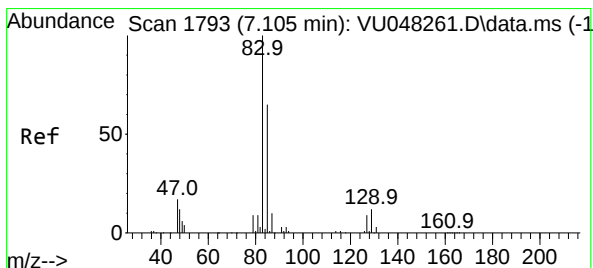
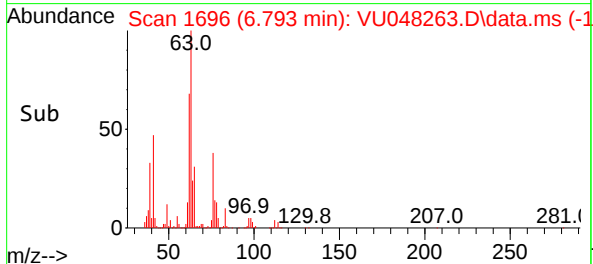
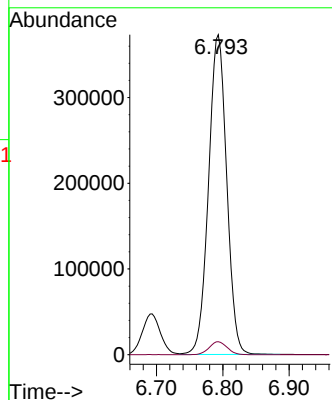
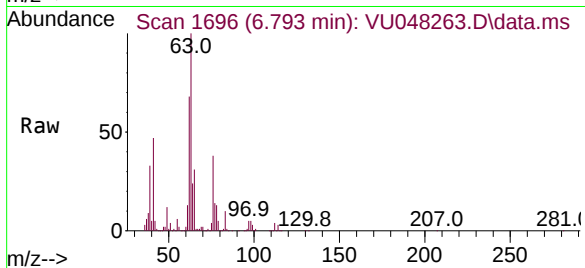
VSTD200060

Tgt Ion: 63 Resp: 708744

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 194.818 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

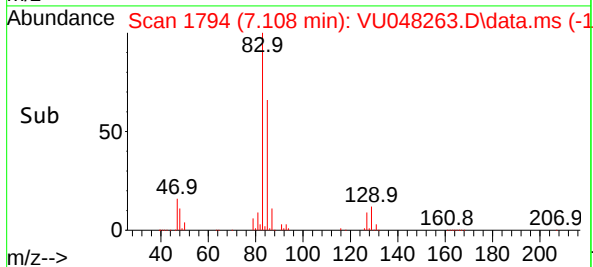
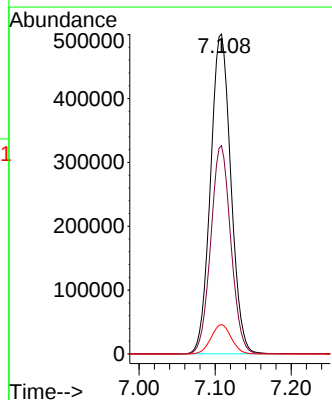
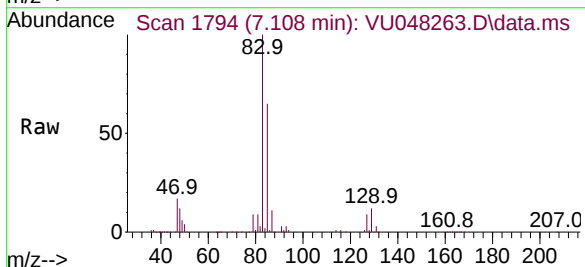
Tgt Ion: 83 Resp: 929622

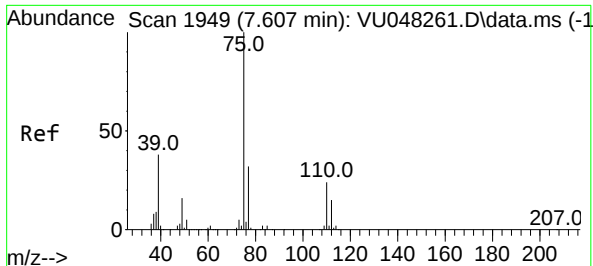
Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 210.147 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

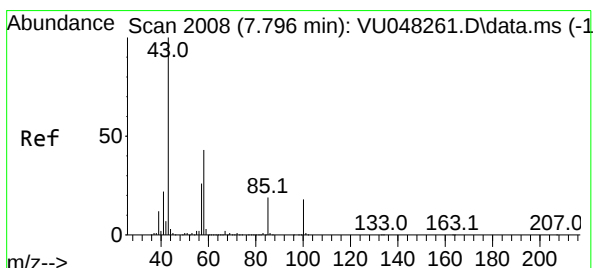
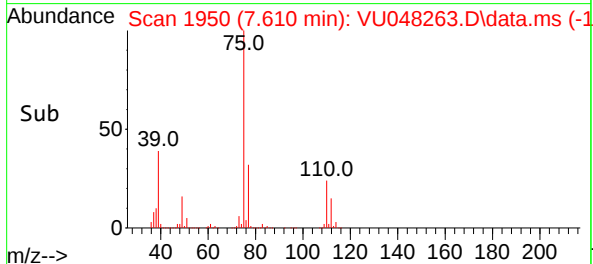
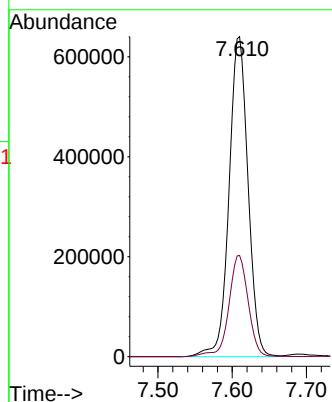
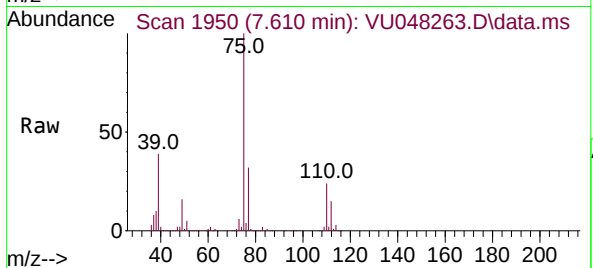
VSTD200060

Tgt Ion: 75 Resp: 1136266

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 408.970 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. 0.006 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

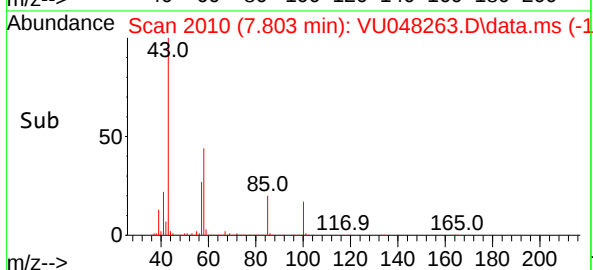
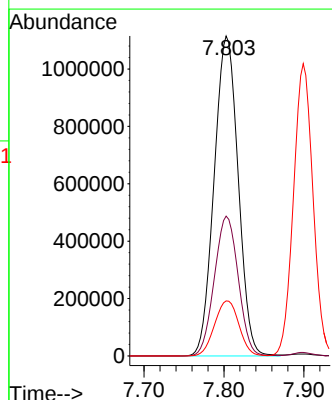
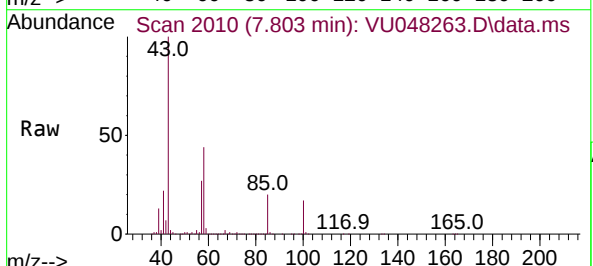
Tgt Ion: 43 Resp: 2322244

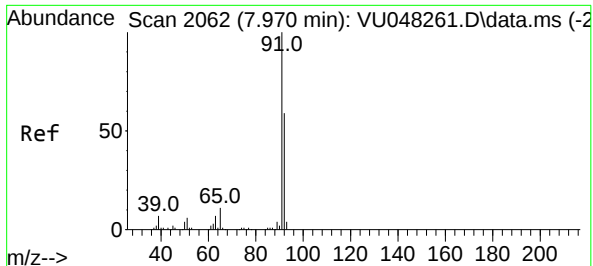
Ion Ratio Lower Upper

43 100

58 43.5 34.4 51.6

100 17.5 13.6 20.4





#42

Toluene

Concen: 190.588 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

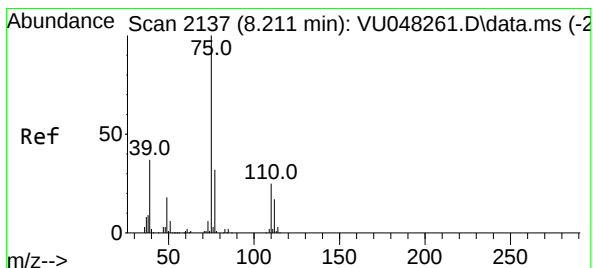
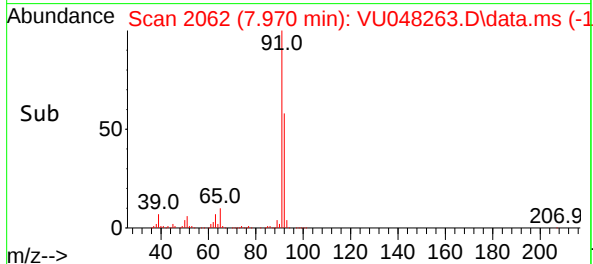
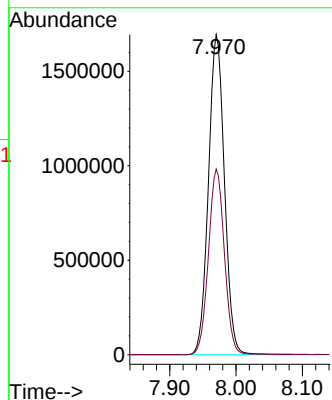
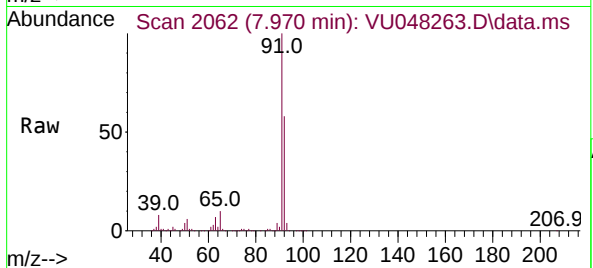
VSTD200060

Tgt Ion: 91 Resp: 2834283

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 207.759 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048263.D

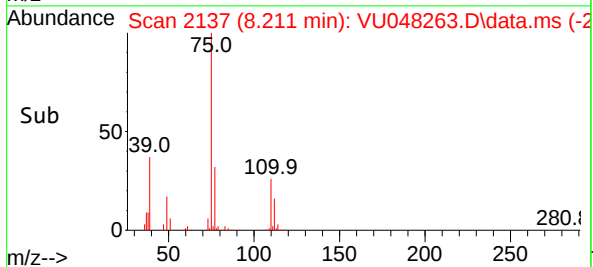
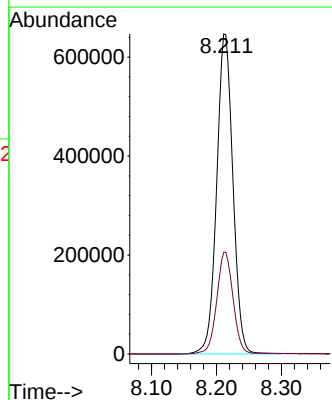
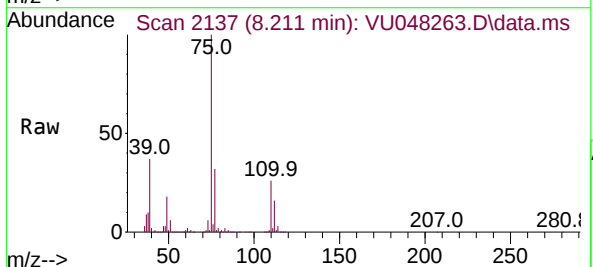
Acq: 25 Apr 2022 11:34

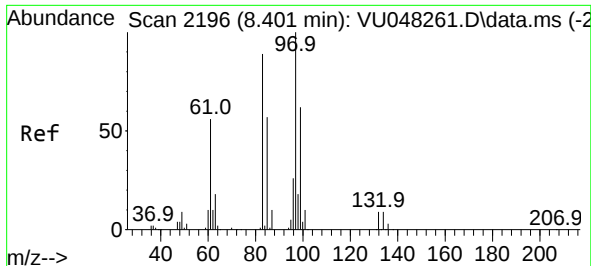
Tgt Ion: 75 Resp: 1119186

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1

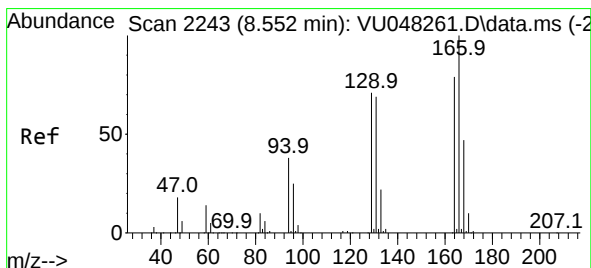
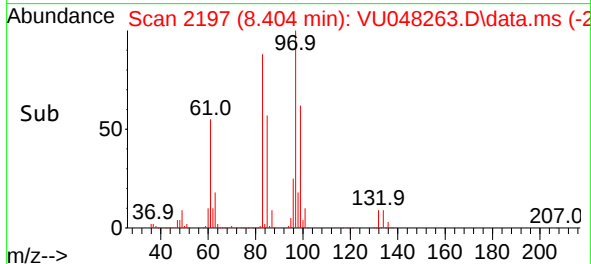
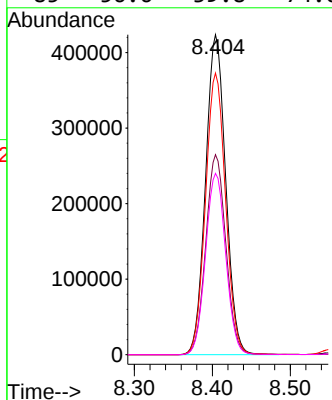
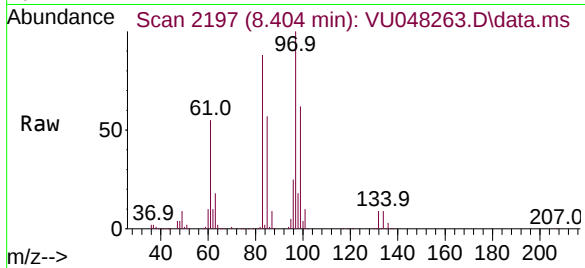




#45
1,1,2-Trichloroethane
Concen: 201.543 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

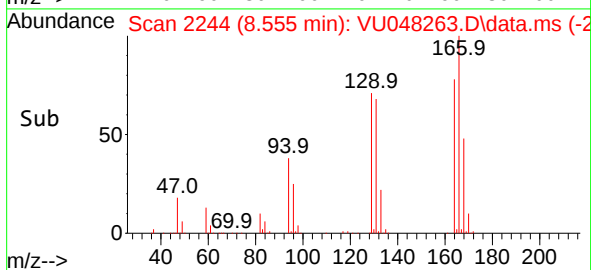
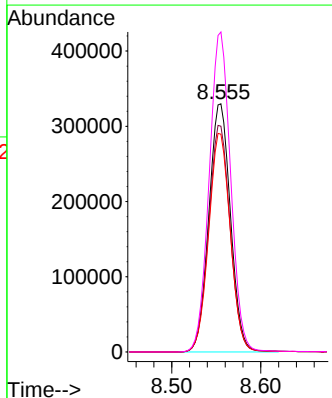
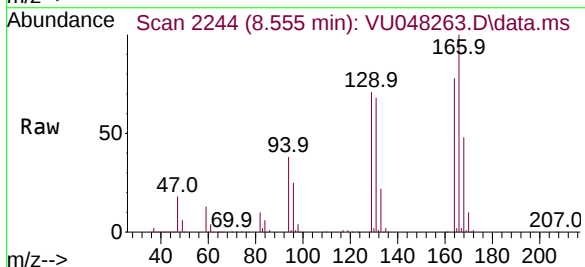
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

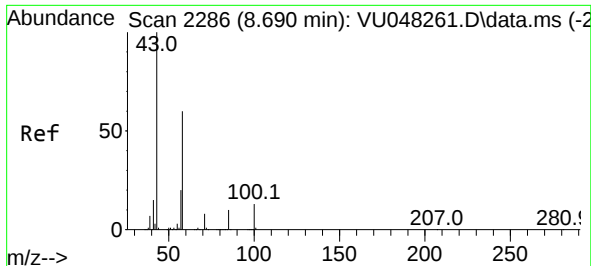
Tgt Ion:	97	Resp:	759320
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	88.0	62.6	116.2
85	56.6	39.8	74.0



#46
Tetrachloroethene
Concen: 177.050 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:	164	Resp:	557128
Ion	Ratio	Lower	Upper
164	100		
129	90.9	63.3	117.7
131	87.8	61.2	113.6
166	128.9	88.9	165.1



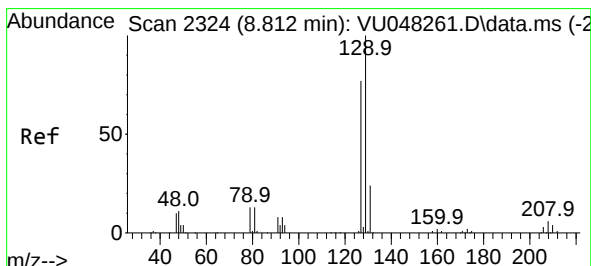
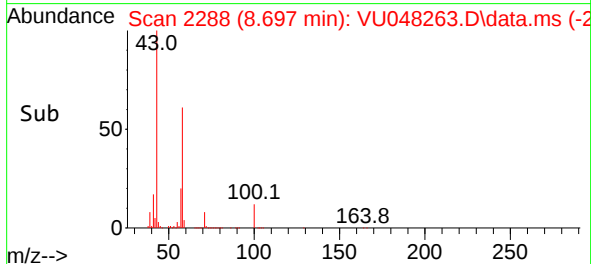
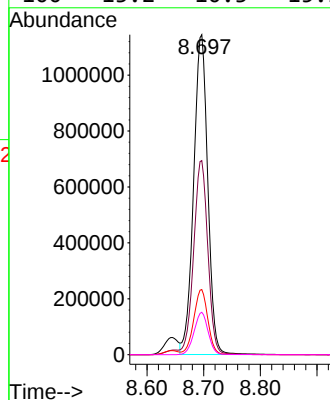
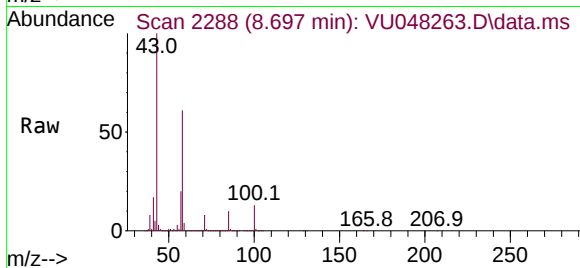


#48
2-Hexanone
Concen: 409.123 ug/L
RT: 8.697 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

Tgt Ion: 43 Resp: 1981943

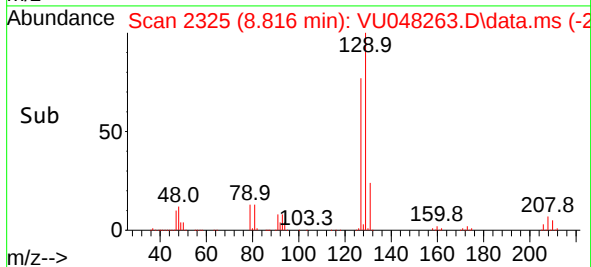
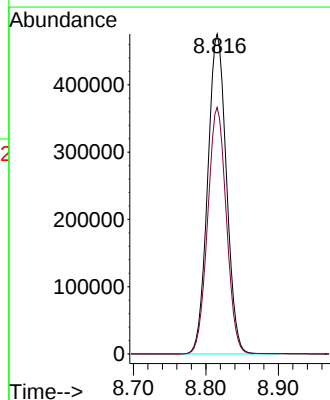
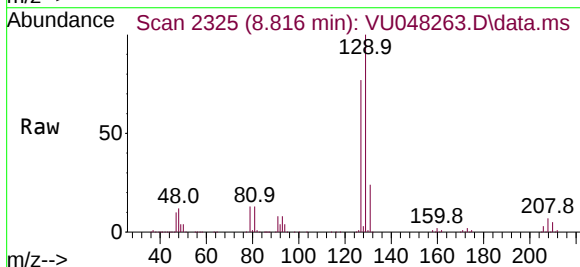
Ion	Ratio	Lower	Upper
43	100		
58	61.1	48.1	72.1
57	20.3	16.2	24.4
100	13.2	10.3	15.5

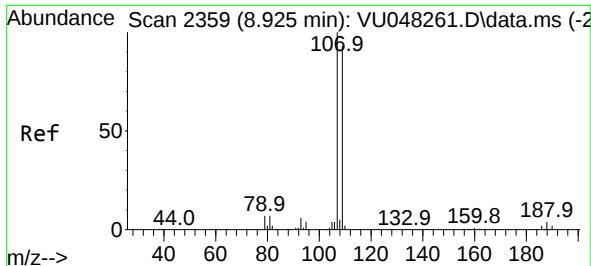


#49
Dibromochloromethane
Concen: 197.794 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 129 Resp: 852403

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.8	99.8

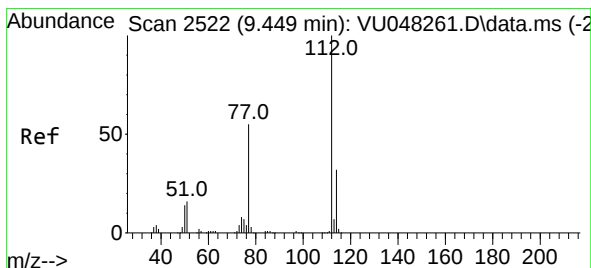
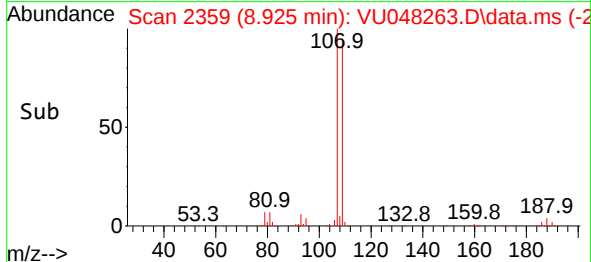
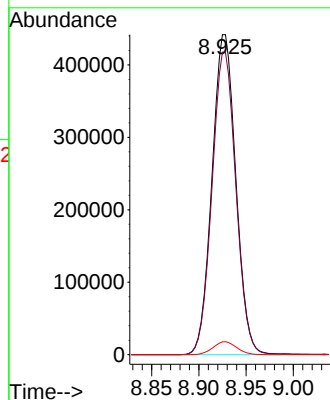
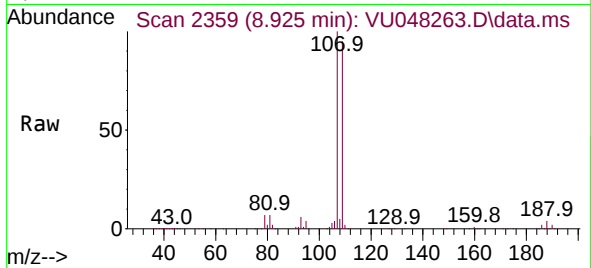




#50
1,2-Dibromoethane
Concen: 188.172 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

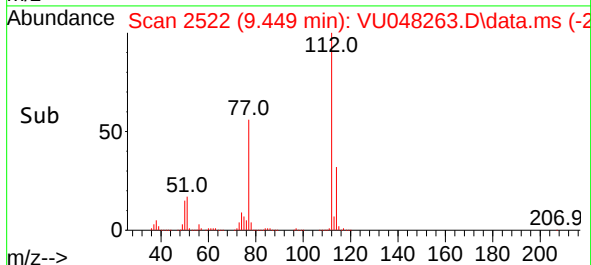
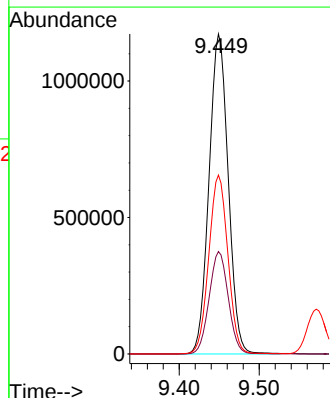
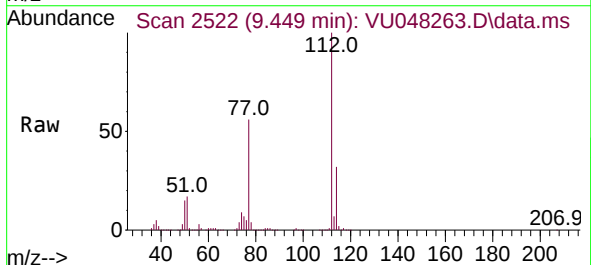
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

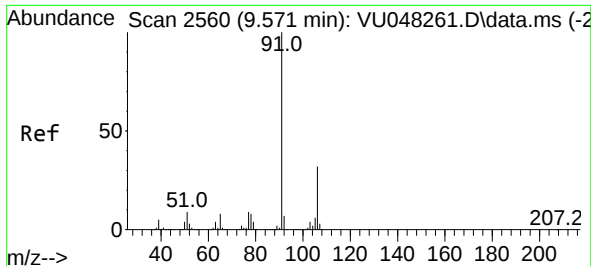
Tgt Ion:107 Resp: 775791
Ion Ratio Lower Upper
107 100
109 94.6 65.0 120.8
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 191.131 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:112 Resp: 1951466
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 55.9 44.3 66.5

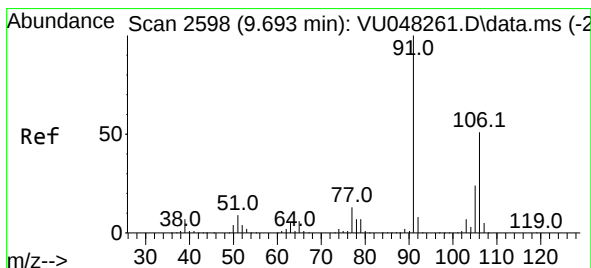
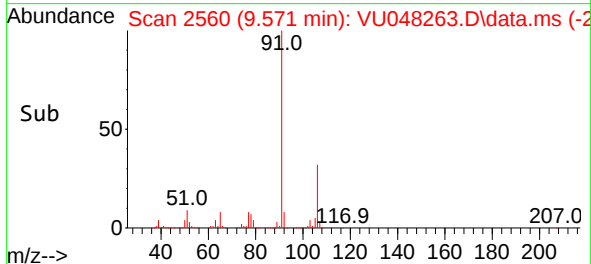
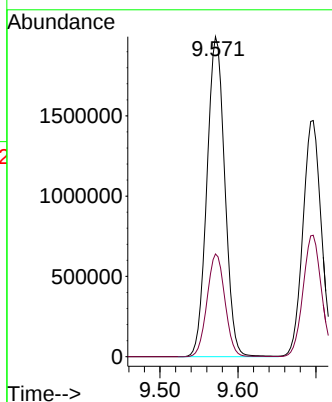
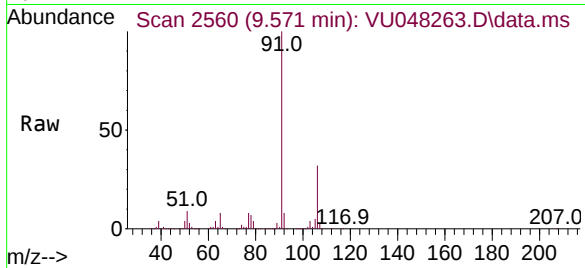




#52
Ethylbenzene
Concen: 201.899 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

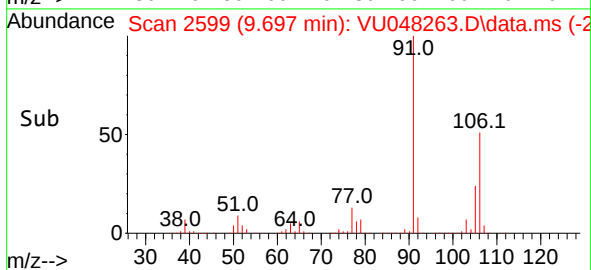
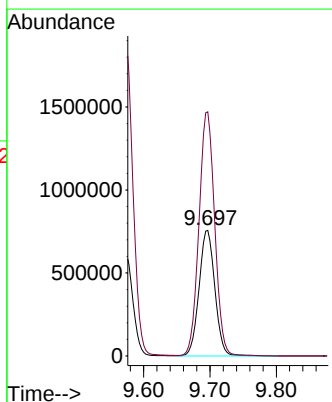
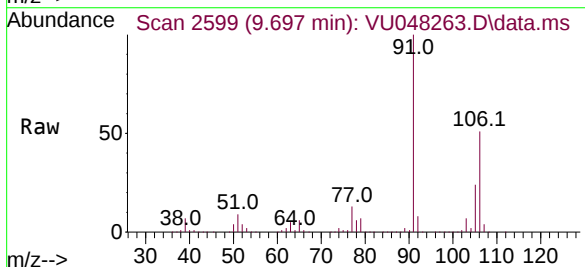
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

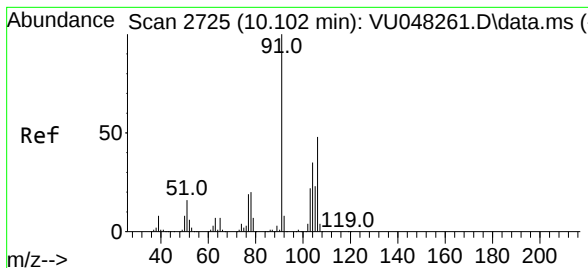
Tgt Ion: 91 Resp: 3176033
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.9



#53
m,p-Xylene
Concen: 201.723 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion: 106 Resp: 1249543
Ion Ratio Lower Upper
106 100
91 194.4 137.4 255.2

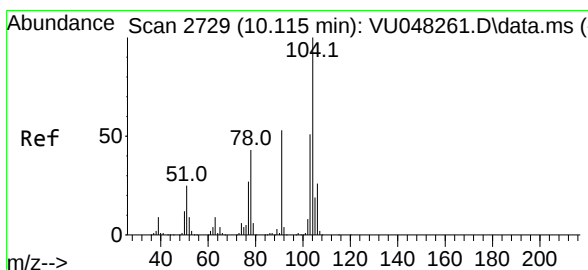
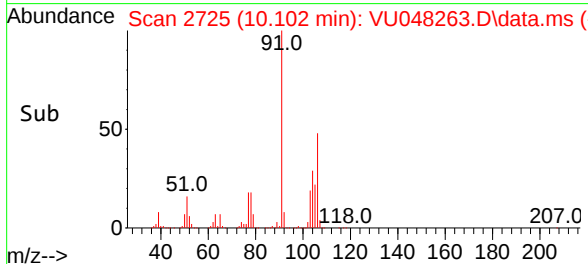
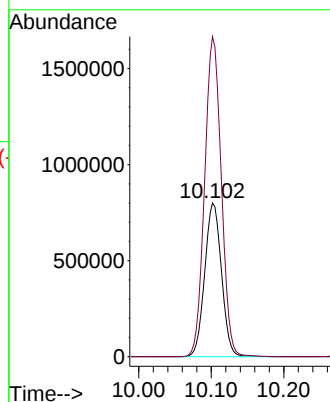
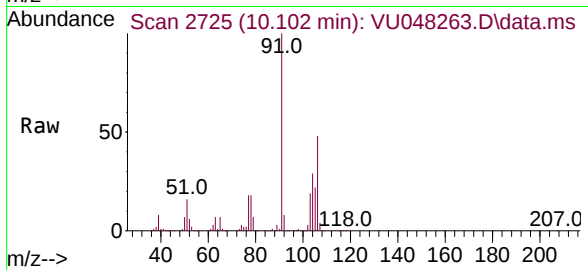




#54
o-Xylene
Concen: 209.263 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

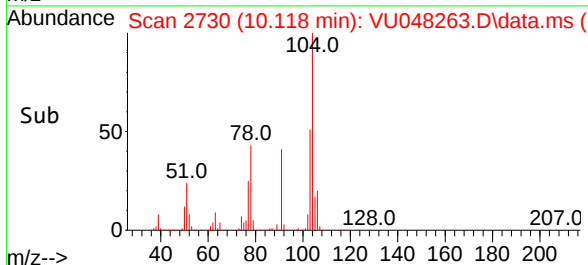
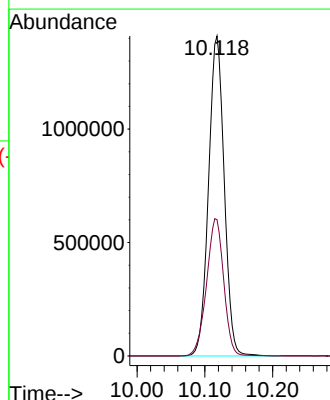
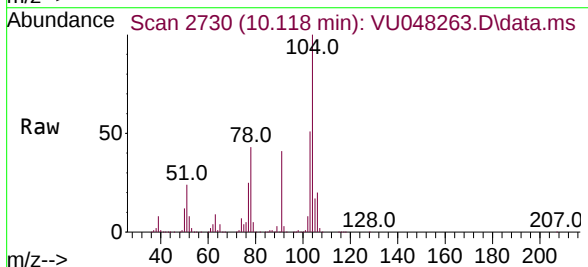
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

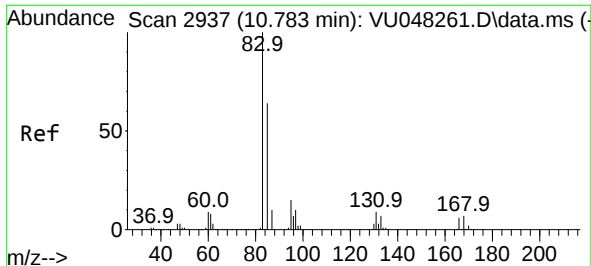
Tgt Ion:106 Resp: 1283708
Ion Ratio Lower Upper
106 100
91 208.1 145.3 269.8



#55
Styrene
Concen: 215.297 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:104 Resp: 2264327
Ion Ratio Lower Upper
104 100
78 42.6 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 211.216 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD200060

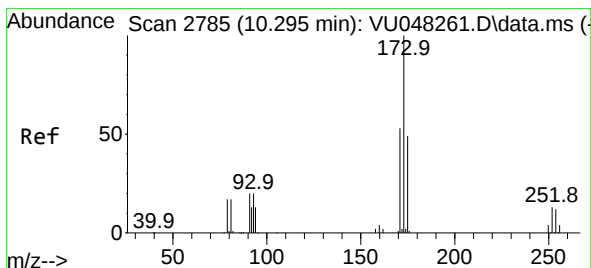
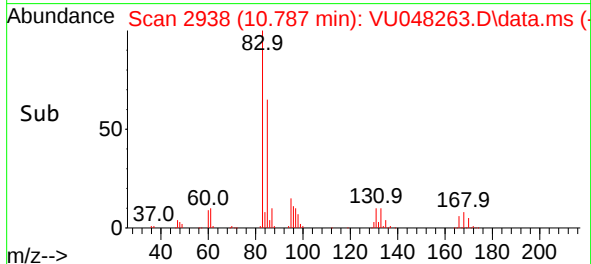
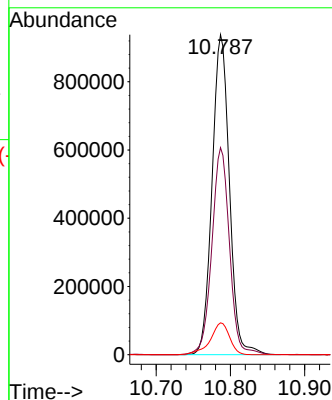
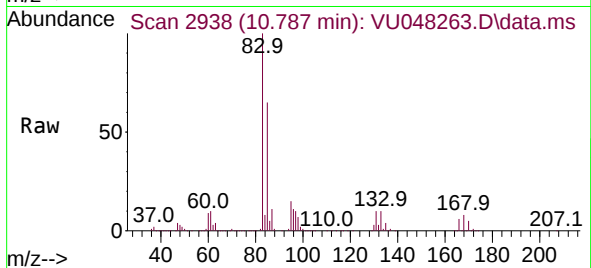
Tgt Ion: 83 Resp: 1515754

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

131 9.9 7.8 11.6



#59

Bromoform

Concen: 196.667 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

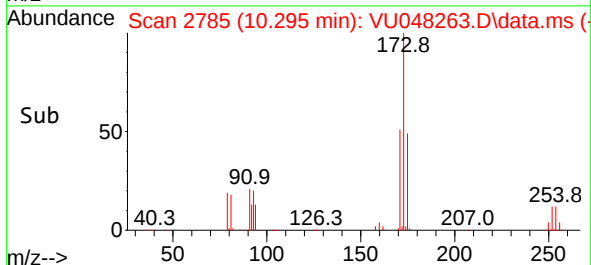
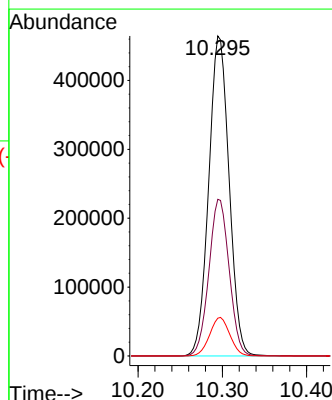
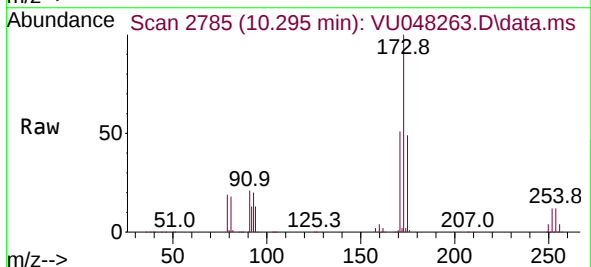
Tgt Ion:173 Resp: 779429

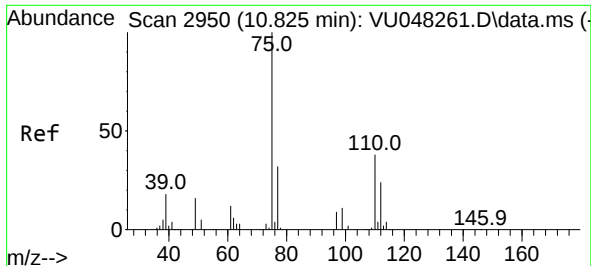
Ion Ratio Lower Upper

173 100

175 48.8 38.9 58.3

254 11.9 9.5 14.3

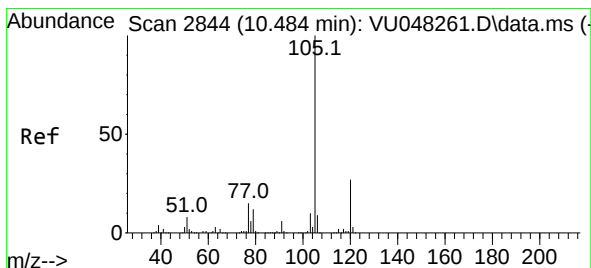
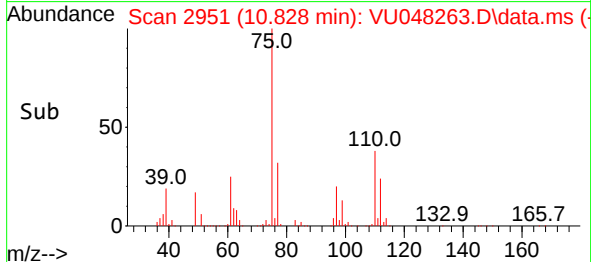
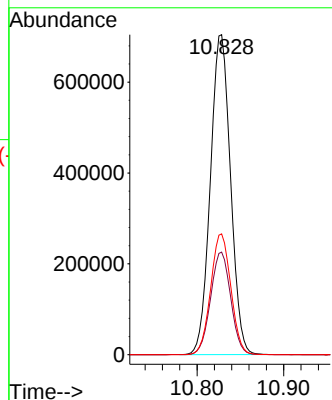
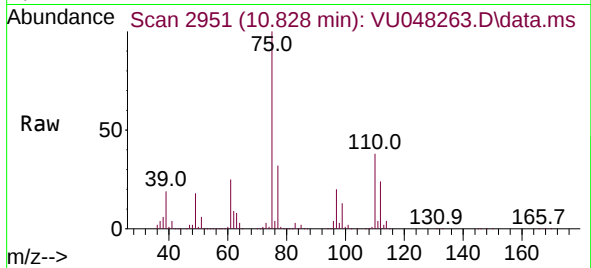




#60
1,2,3-Trichloropropane
Concen: 190.604 ug/L
RT: 10.828 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

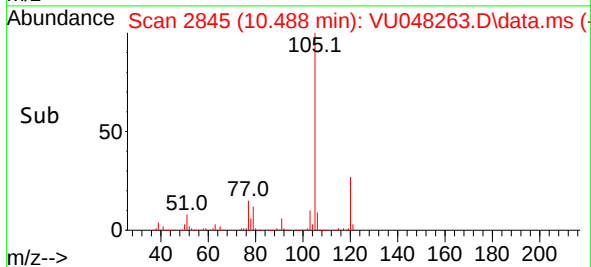
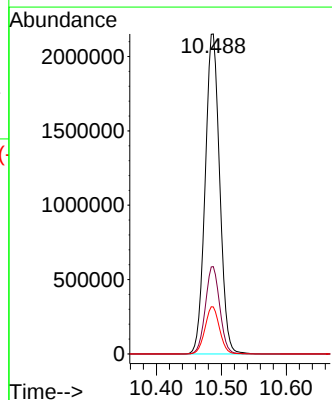
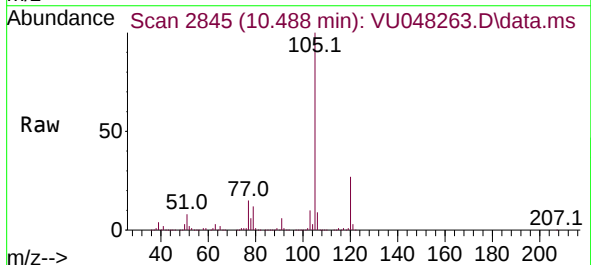
Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

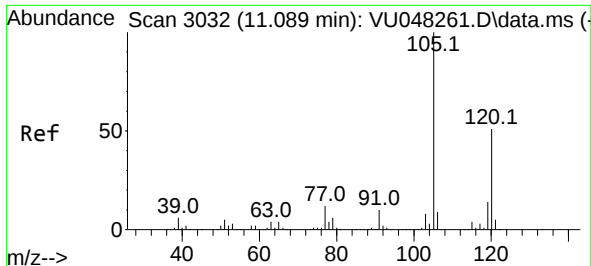
Tgt Ion: 75 Resp: 1138186
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.8 29.9 44.9



#61
Isopropylbenzene
Concen: 200.624 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:105 Resp: 3344481
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 14.8 11.7 17.5

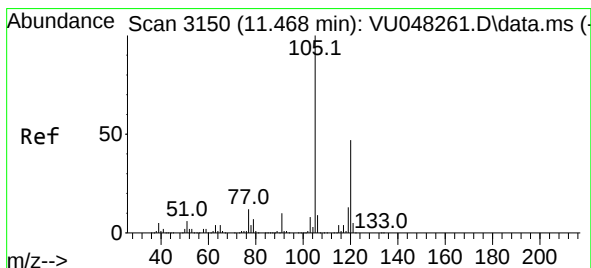
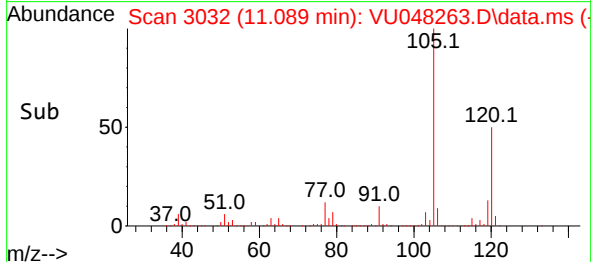
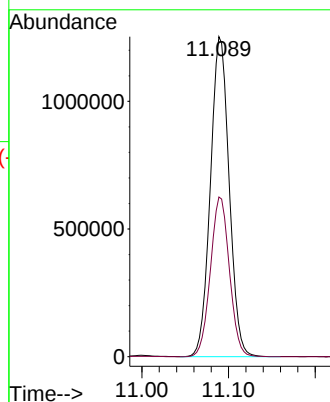
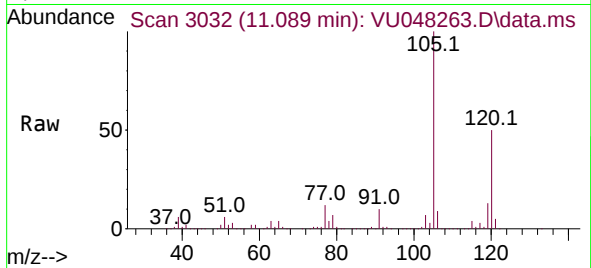




#62
 1,3,5-Trimethylbenzene
 Concen: 207.665 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

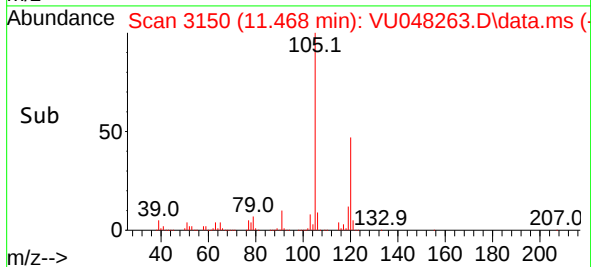
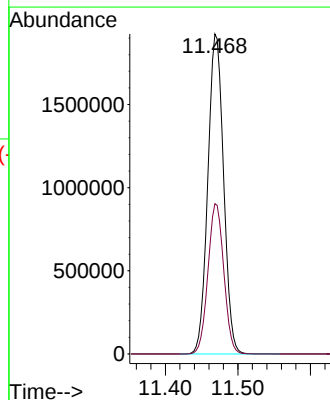
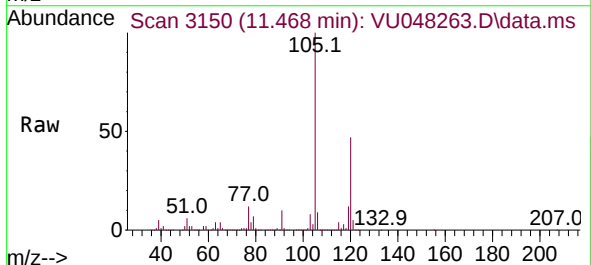
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200060

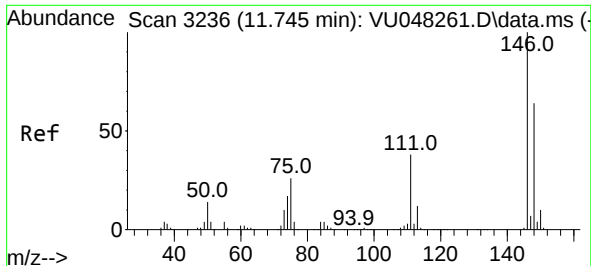
Tgt Ion:105 Resp: 1882596
 Ion Ratio Lower Upper
 105 100
 120 50.5 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 209.048 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

Tgt Ion:105 Resp: 2900679
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.0 57.0

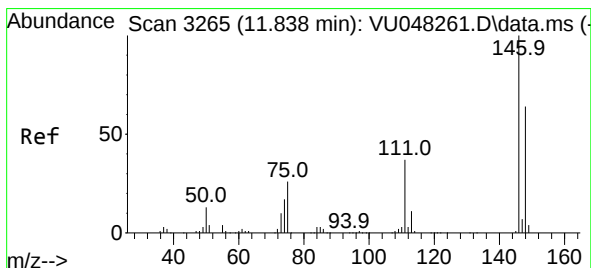
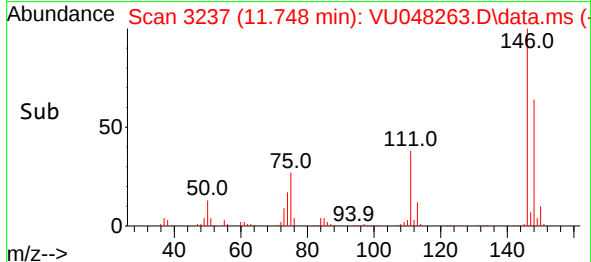
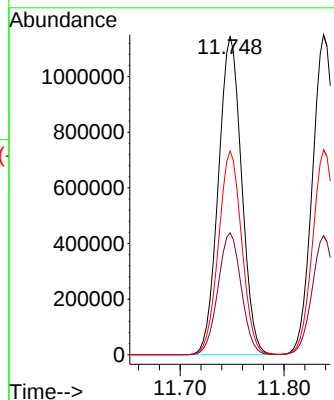
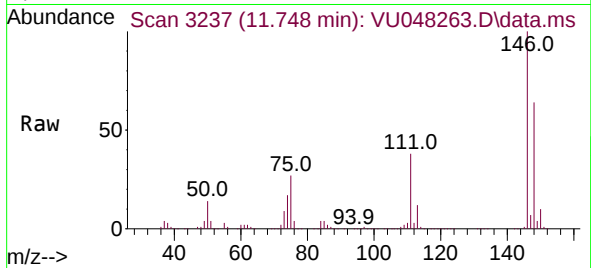




#64
 1,3-Dichlorobenzene
 Concen: 192.154 ug/L
 RT: 11.748 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

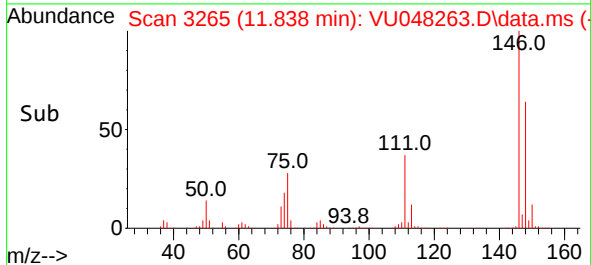
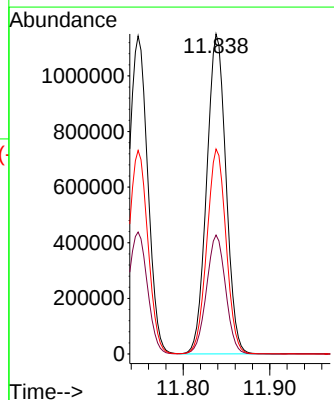
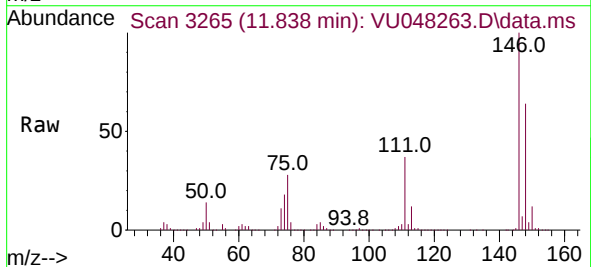
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200060

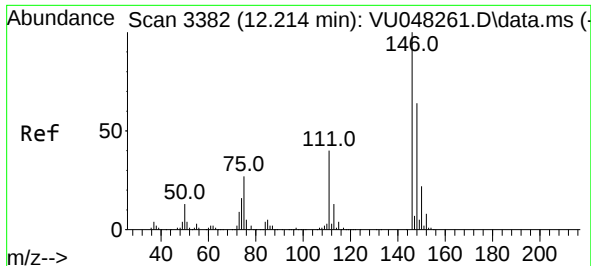
Tgt Ion:146 Resp: 1778386
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.7 49.7
 148 64.0 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 187.366 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

Tgt Ion:146 Resp: 1777672
 Ion Ratio Lower Upper
 146 100
 111 37.1 25.9 48.1
 148 64.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 196.539 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD200060

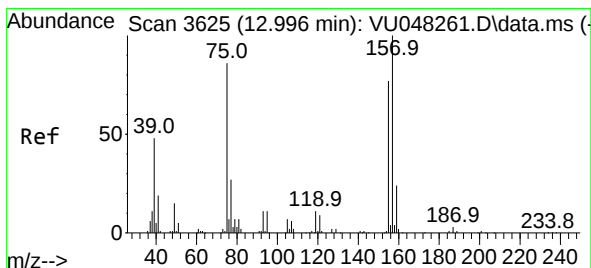
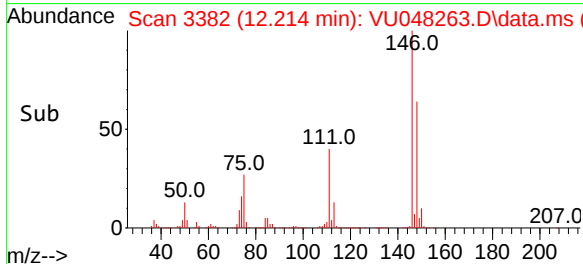
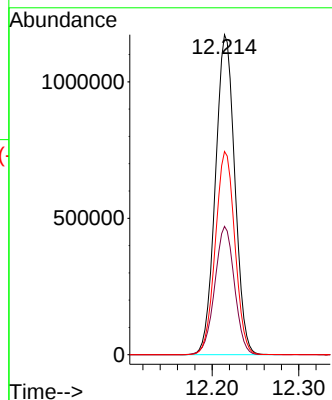
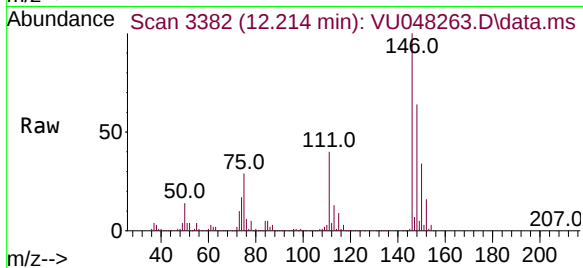
Tgt Ion:146 Resp: 1823932

Ion Ratio Lower Upper

146 100

111 40.1 31.7 47.5

148 63.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 186.584 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048263.D

Acq: 25 Apr 2022 11:34

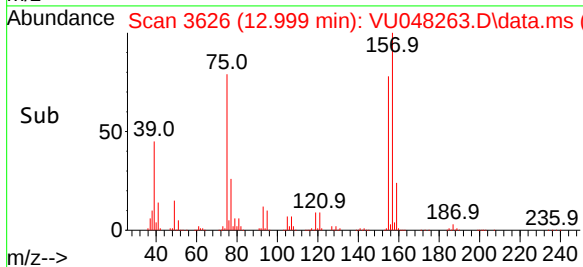
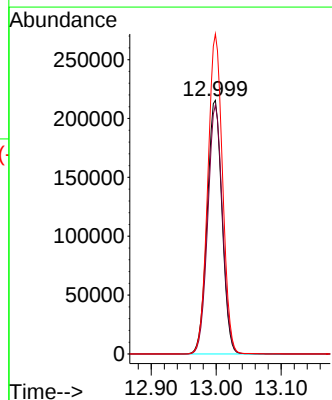
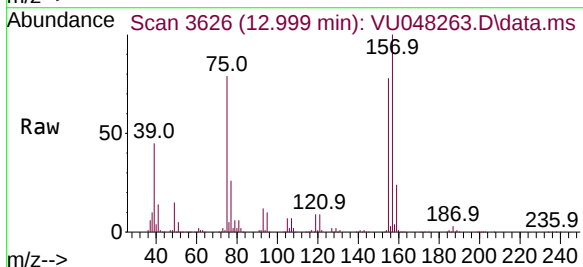
Tgt Ion: 75 Resp: 343285

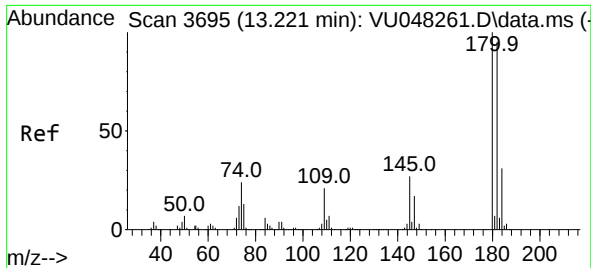
Ion Ratio Lower Upper

75 100

155 98.2 71.8 107.6

157 126.2 93.4 140.2

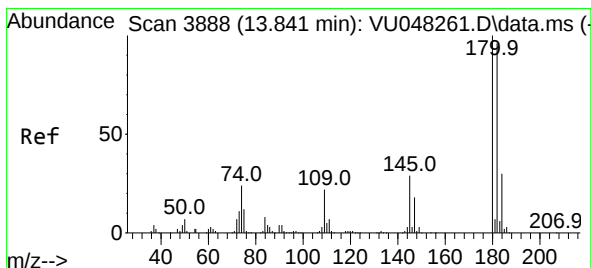
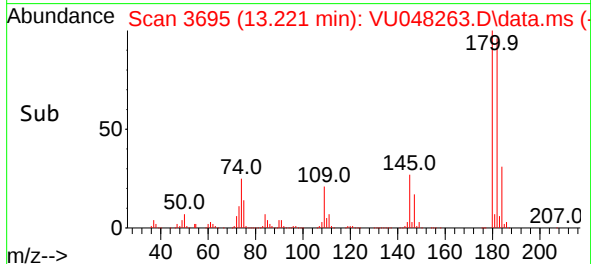
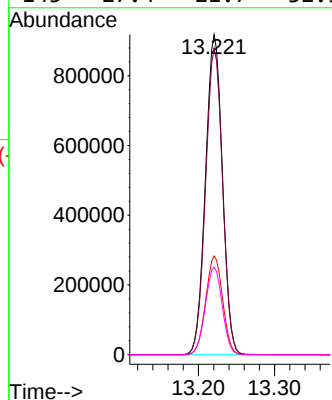
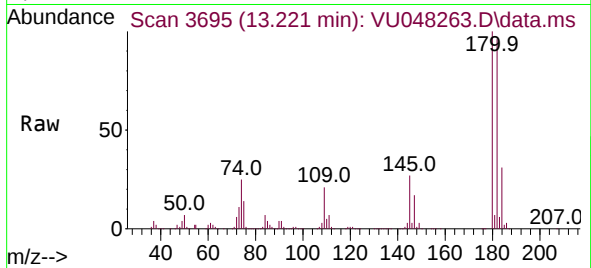




#69
 1,3,5-Trichlorobenzene
 Concen: 192.649 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

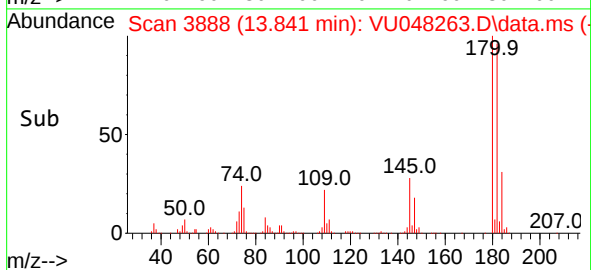
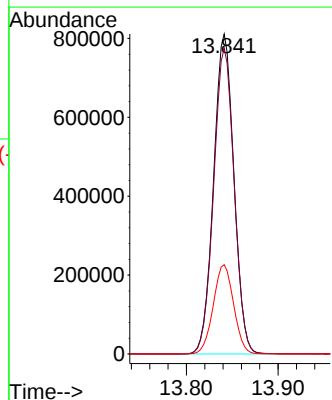
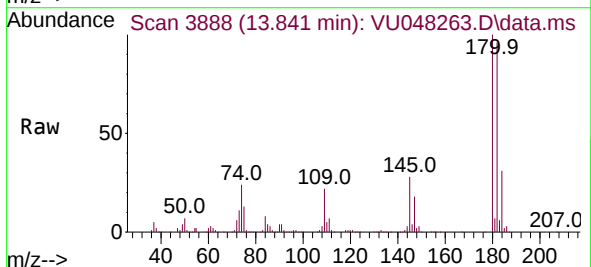
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200060

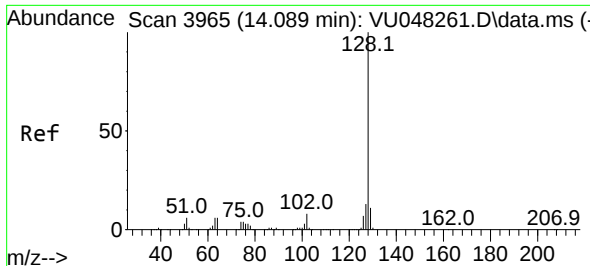
Tgt Ion:180 Resp: 1422958
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.0 115.4
 184 30.8 24.6 37.0
 145 27.4 21.7 32.5



#70
 1,2,4-trichlorobenzene
 Concen: 197.400 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048263.D
 Acq: 25 Apr 2022 11:34

Tgt Ion:180 Resp: 1250526
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.3 114.5
 145 28.0 22.6 33.8

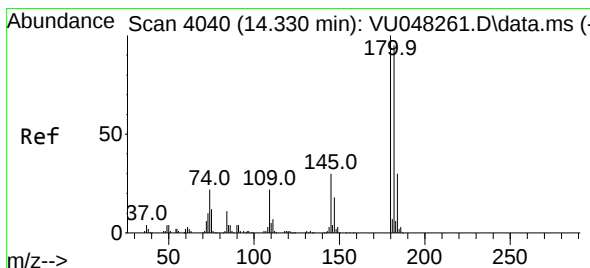
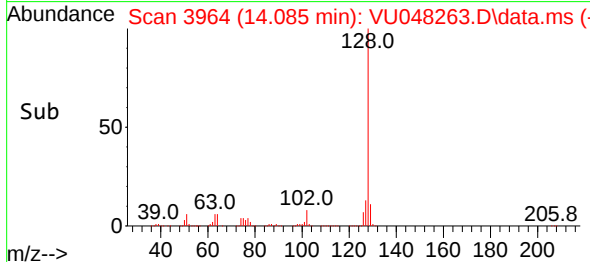
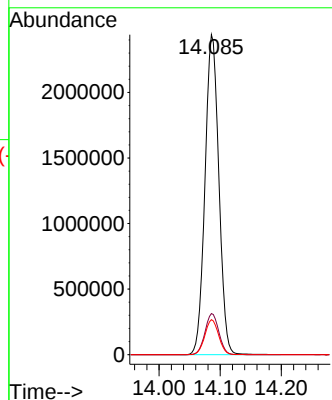
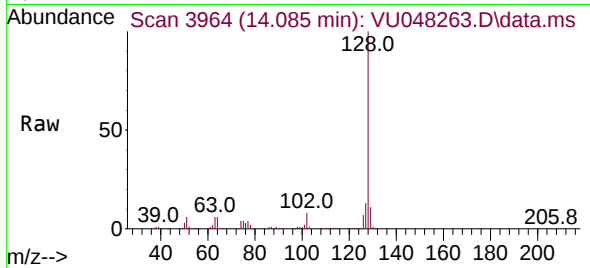




#71
Naphthalene
Concen: 203.367 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD200060

Tgt Ion:128 Resp: 3837735
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 192.430 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048263.D
Acq: 25 Apr 2022 11:34

Tgt Ion:180 Resp: 1229635
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 29.8 23.5 35.3

