

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050422.D
 Acq On : 24 Aug 2022 12:13
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100010

Quant Time: Aug 25 04:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 04:23:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	360837	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	407854	123.999	ug/L	0.00
7) Chloroethane-d5	1.906	69	318408	130.232	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	586490	106.094	ug/L	0.00
21) 2-Butanone-d5	4.626	46	610557	230.160	ug/L	0.00
24) Chloroform-d	5.063	84	667489	117.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	409564	108.310	ug/L	0.00
32) Benzene-d6	5.726	84	1373957	119.506	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	440059	115.117	ug/L	0.00
41) Toluene-d8	7.899	98	1248565	123.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	195494	121.559	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	392871	236.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	683066	124.679	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	435652	119.779	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	263423	65.138	ug/L	99
3) Chloromethane	1.517	50	317115	70.838	ug/L	100
5) Vinyl chloride	1.600	62	300706	73.337	ug/L	99
6) Bromomethane	1.851	94	117425	63.609	ug/L	95
8) Chloroethane	1.928	64	191172	82.089	ug/L	98
9) Trichlorofluoromethane	2.134	101	383517	75.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	235235	86.553	ug/L	99
12) 1,1-Dichloroethene	2.578	96	214130	85.095	ug/L	98
13) Acetone	2.633	43	374870	161.641	ug/L	99
14) Carbon disulfide	2.790	76	530162	64.984	ug/L	100
15) Methyl Acetate	2.948	43	331150	85.290	ug/L	100
16) Methylene chloride	3.044	84	287304	89.373	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	230308	83.856	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	787629	85.127	ug/L	99
19) 1,1-Dichloroethane	3.867	63	481745	84.370	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	288184	92.213	ug/L	100
22) 2-Butanone	4.706	43	549222	174.000	ug/L	100
23) Bromochloromethane	4.973	128	147711	93.848	ug/L	98
25) Chloroform	5.089	83	517751	89.370	ug/L	99
27) 1,2-Dichloroethane	5.793	62	390377	80.627	ug/L	99
29) Cyclohexane	5.388	56	359963	69.638	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	391650	78.467	ug/L	100
31) Carbon tetrachloride	5.523	117	321338	78.695	ug/L	100
33) Benzene	5.774	78	1109577	84.650	ug/L	100
34) Trichloroethene	6.542	95	256539	81.531	ug/L	99
35) Methylcyclohexane	6.764	83	392834	81.508	ug/L	98
37) 1,2-Dichloropropane	6.790	63	311709	85.886	ug/L	99
38) Bromodichloromethane	7.105	83	394707	87.006	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	455672	93.713	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	954315	166.541	ug/L	99
42) Toluene	7.970	91	1170115	89.472	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	426755	92.787	ug/L	99

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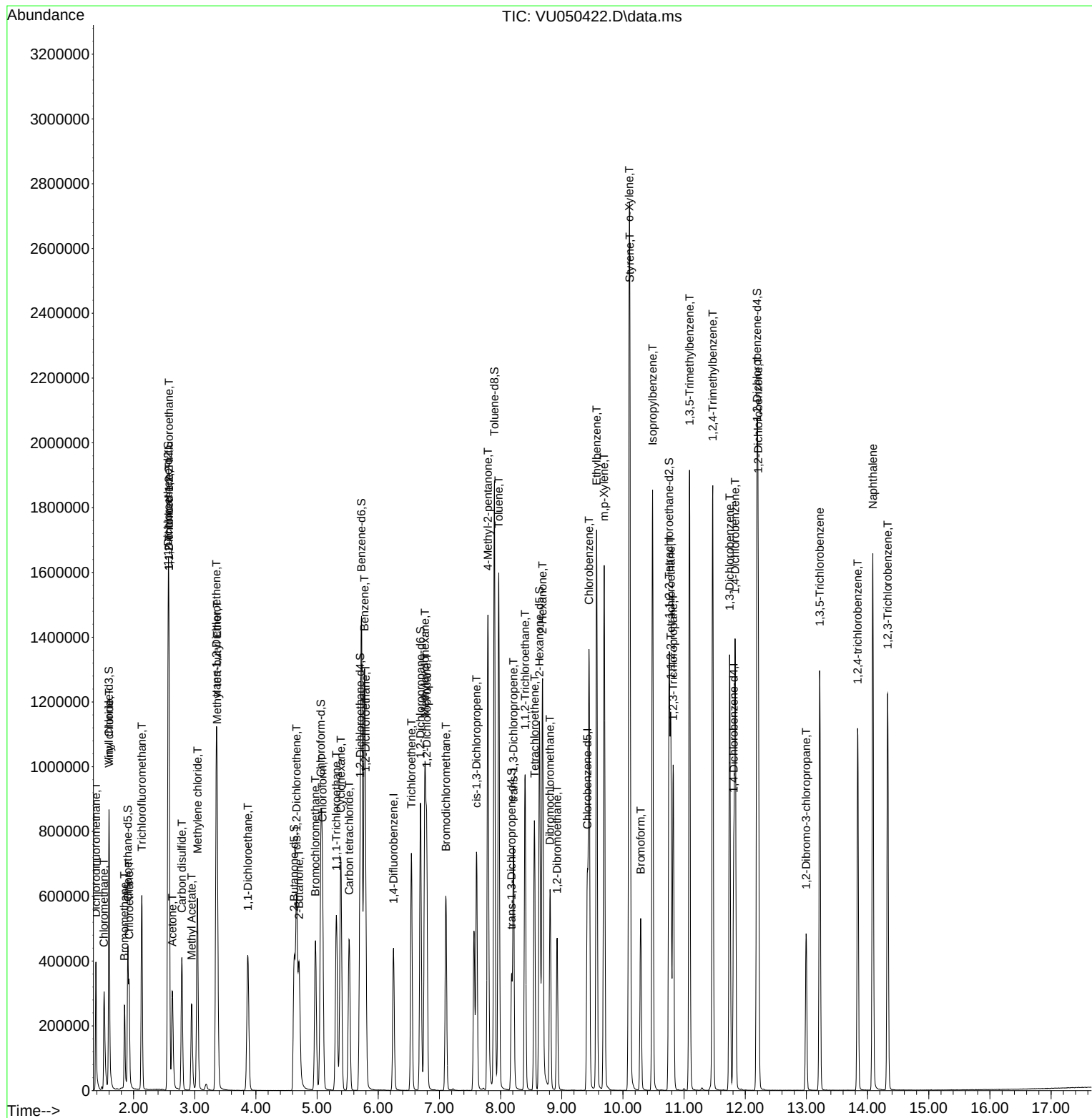
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	307266	94.372	ug/L	98
46) Tetrachloroethene	8.555	164	186312	84.804	ug/L	99
48) 2-Hexanone	8.687	43	783680	168.778	ug/L	98
49) Dibromochloromethane	8.809	129	318536	97.180	ug/L	97
50) 1,2-Dibromoethane	8.925	107	309731	95.619	ug/L	100
51) Chlorobenzene	9.446	112	726813	91.112	ug/L	99
52) Ethylbenzene	9.571	91	1220218	89.707	ug/L	99
53) m,p-Xylene	9.693	106	465569	93.138	ug/L	100
54) o-Xylene	10.102	106	472037	94.136	ug/L	98
55) Styrene	10.115	104	830208	99.409	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	566440	97.371	ug/L	99
59) Bromoform	10.291	173	240672	96.636	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	429568	88.596	ug/L	100
61) Isopropylbenzene	10.484	105	1197550	90.042	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1017919	91.768	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	1009012	91.755	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	548728	92.999	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	545616	92.052	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	575325	93.441	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	124572	89.584	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	391368	95.642	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	339870	92.048	ug/L	98
71) Naphthalene	14.086	128	1282494	98.412	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	374227	96.748	ug/L	99

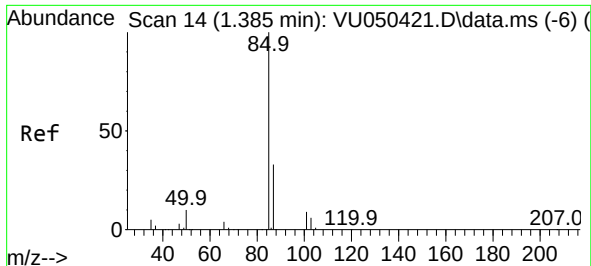
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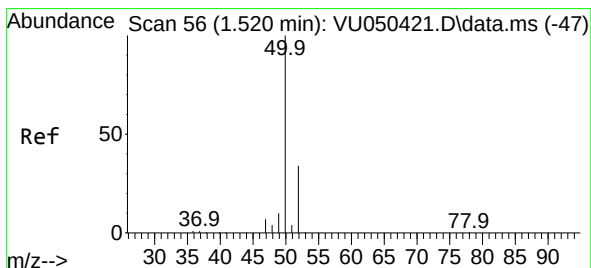
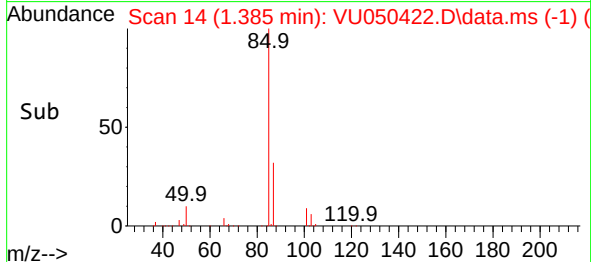
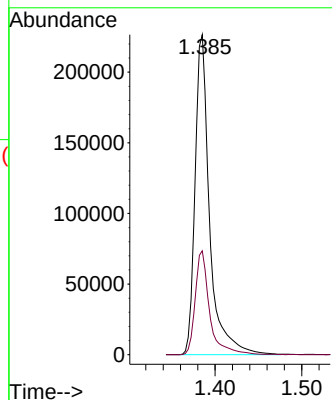
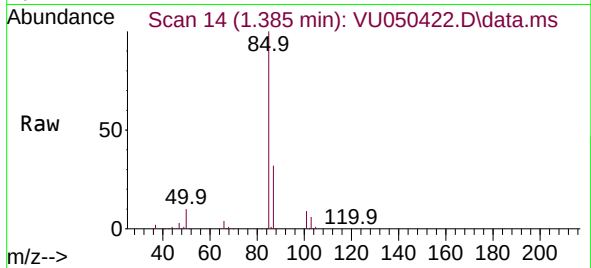




#2
Dichlorodifluoromethane
Concen: 65.138 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

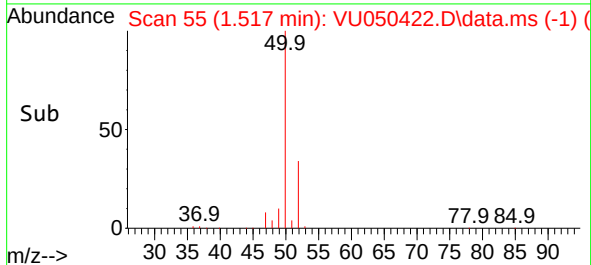
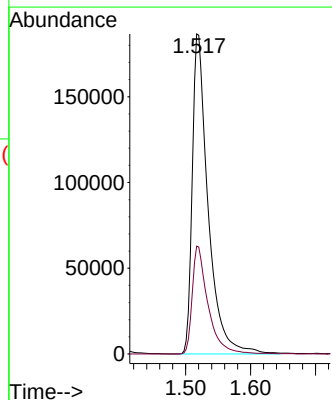
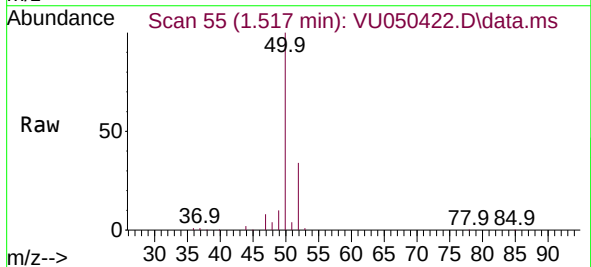
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

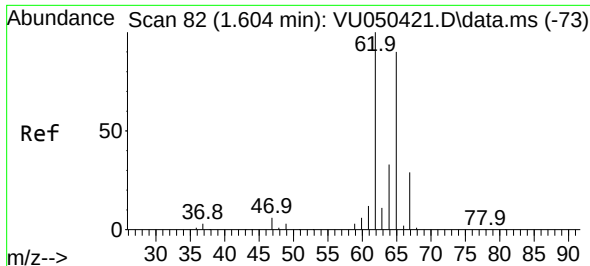
Tgt Ion: 85 Resp: 263423
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 70.838 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 50 Resp: 317115
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.6

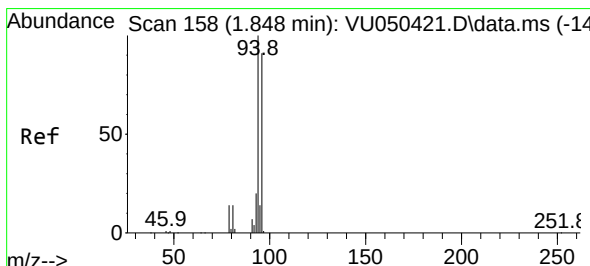
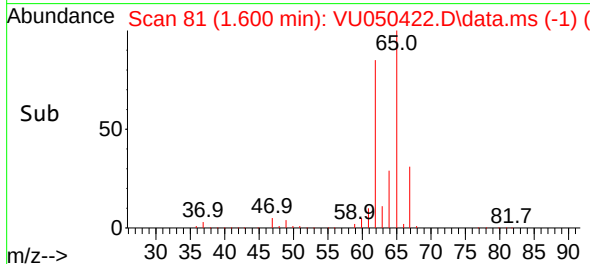
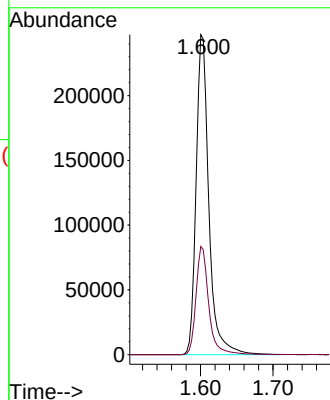
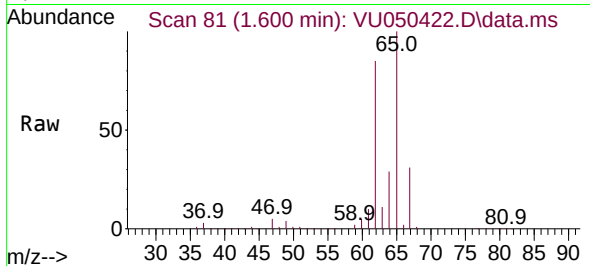




#5
 Vinyl chloride
 Concen: 73.337 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

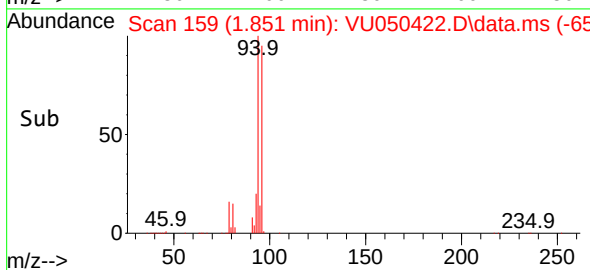
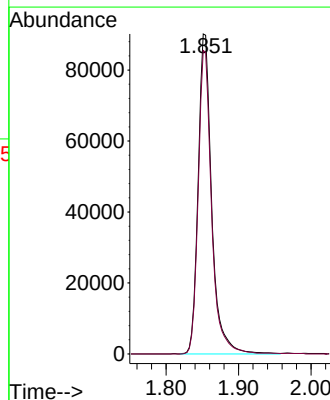
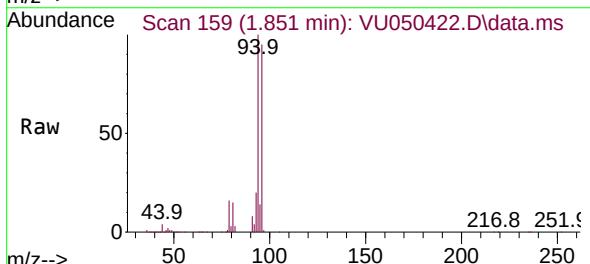
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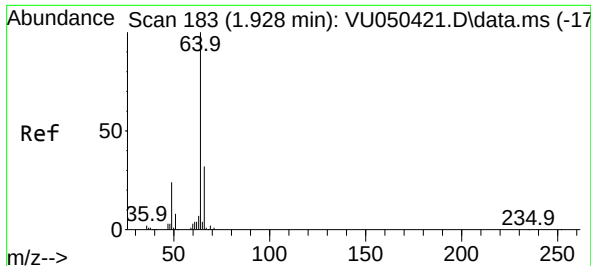
Tgt Ion: 62 Resp: 300706
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 63.609 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

Tgt Ion: 94 Resp: 117425
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.3 117.5

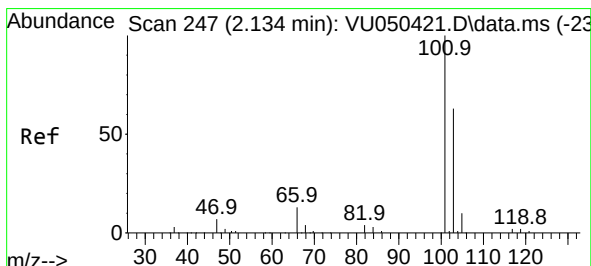
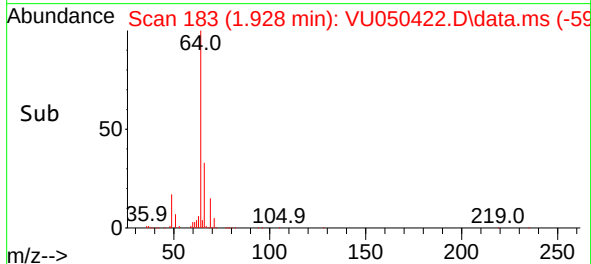
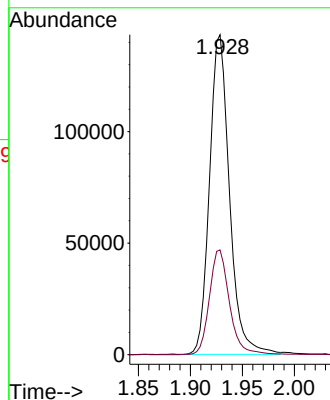
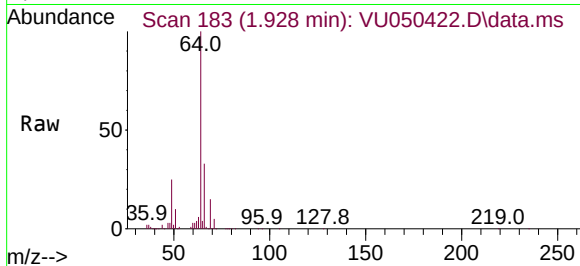




#8
Chloroethane
Concen: 82.089 ug/L
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

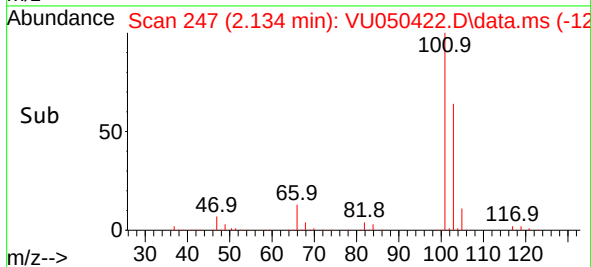
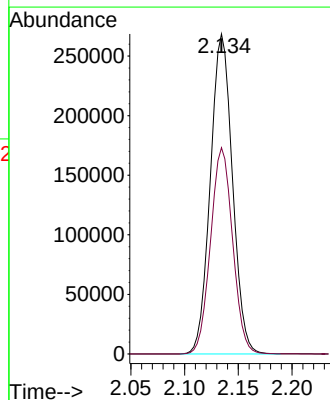
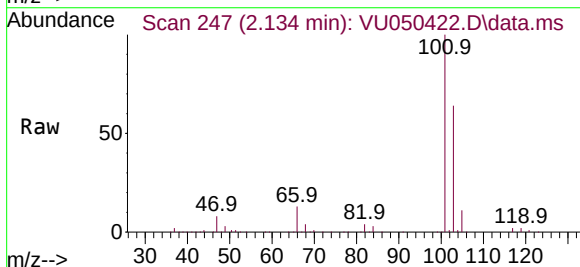
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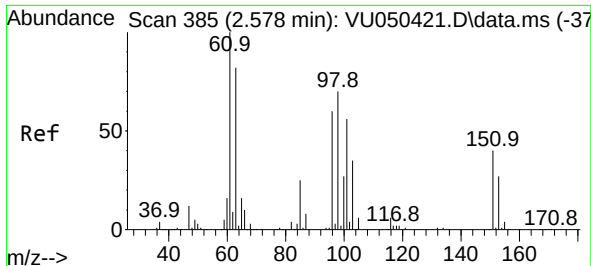
Tgt Ion: 64 Resp: 191172
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 75.481 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 101 Resp: 383517
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7

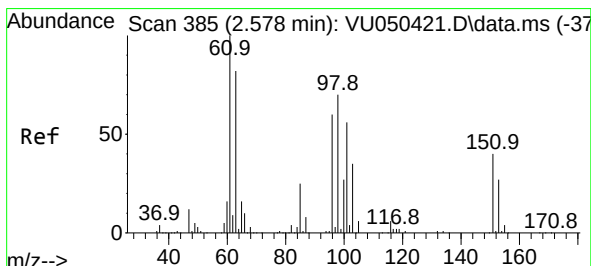
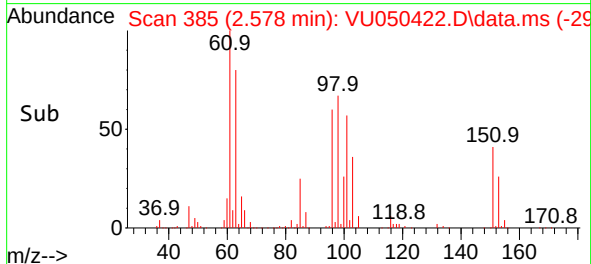
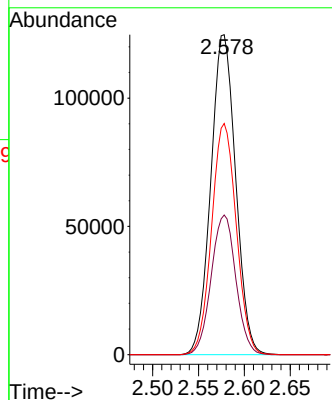
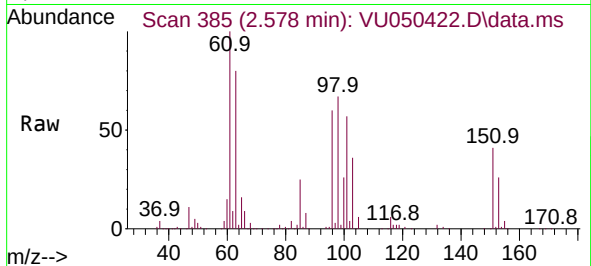




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 86.553 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

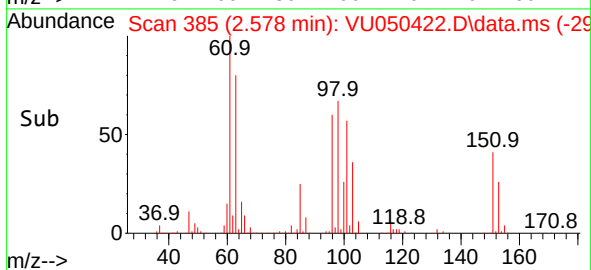
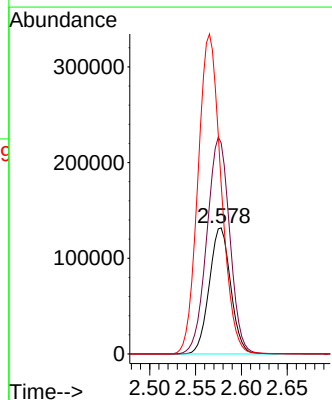
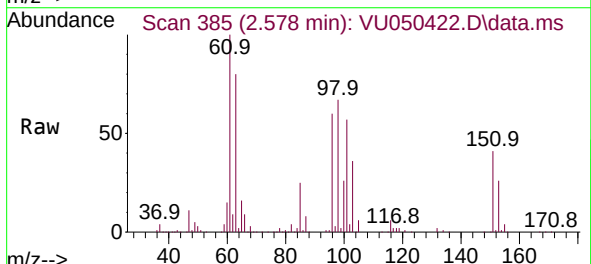
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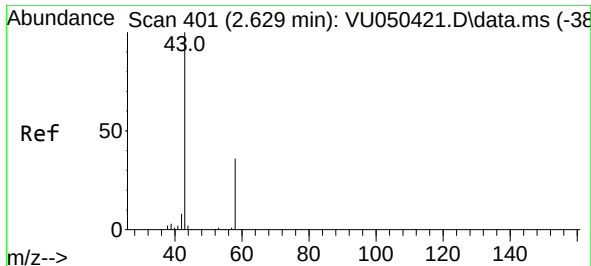
Tgt Ion:101 Resp: 235235
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.3 52.9
 151 71.8 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 85.095 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

Tgt Ion: 96 Resp: 214130
 Ion Ratio Lower Upper
 96 100
 61 167.3 116.8 216.8
 63 134.7 97.4 180.8





#13

Acetone

Concen: 161.641 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050422.D

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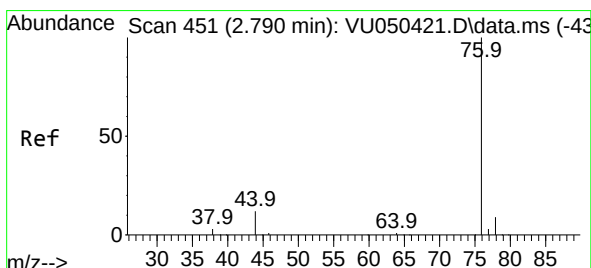
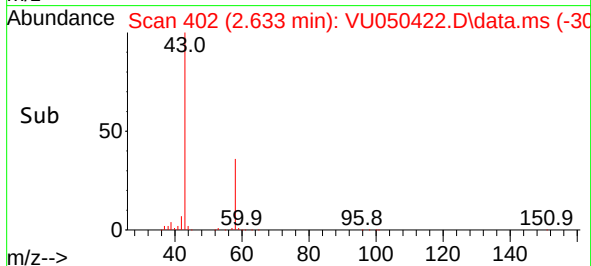
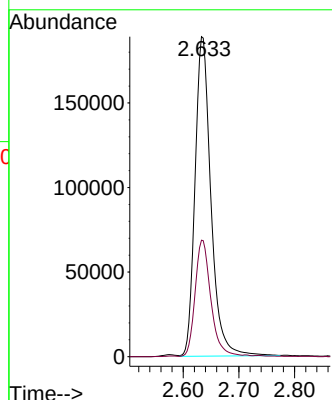
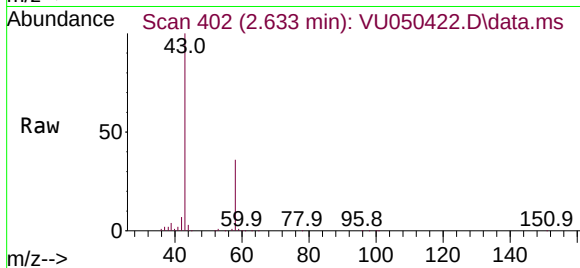
VSTD100010

Tgt Ion: 43 Resp: 374870

Ion Ratio Lower Upper

43 100

58 35.8 0.0 72.2



#14

Carbon disulfide

Concen: 64.984 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050422.D

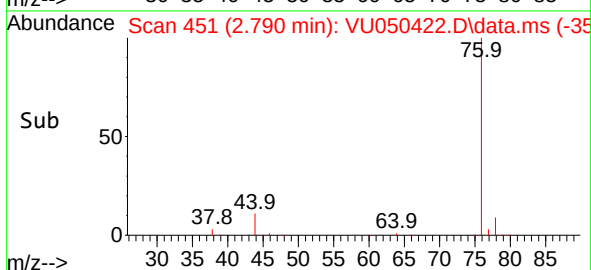
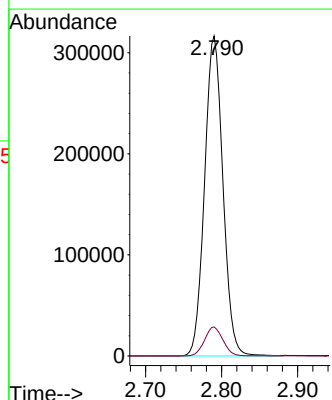
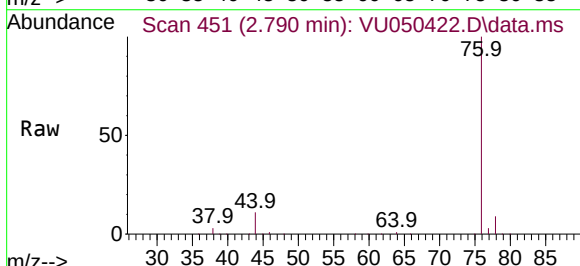
Acq: 24 Aug 2022 12:13

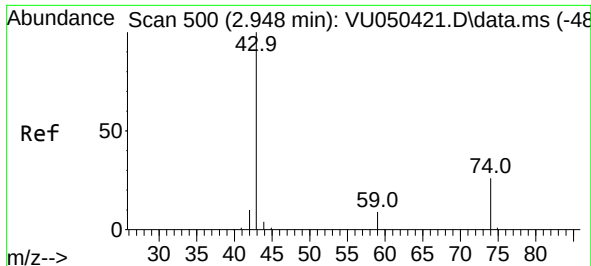
Tgt Ion: 76 Resp: 530162

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

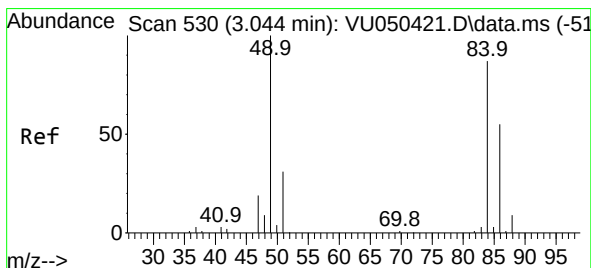
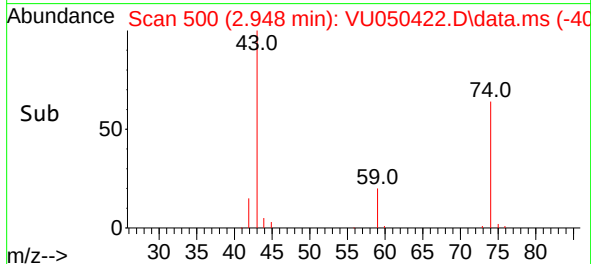
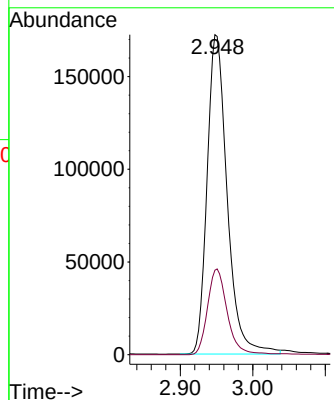
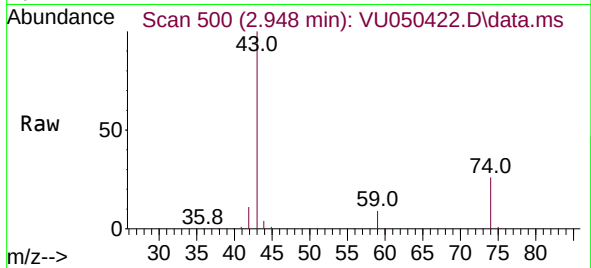




#15
Methyl Acetate
Concen: 85.290 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

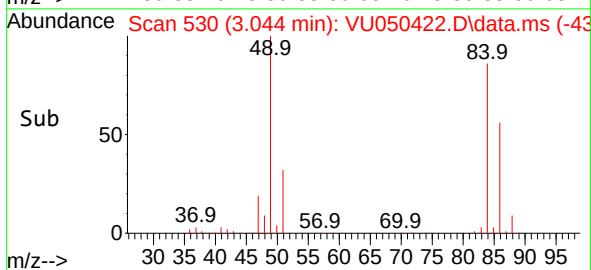
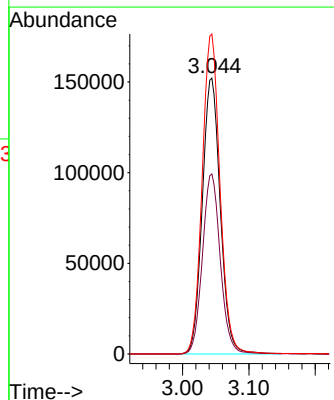
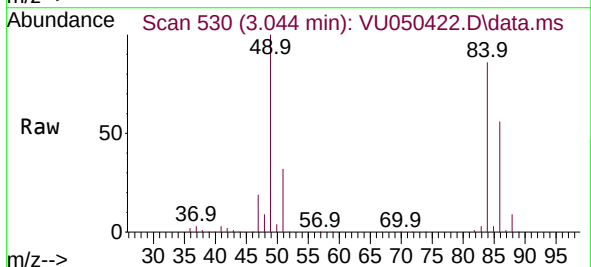
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

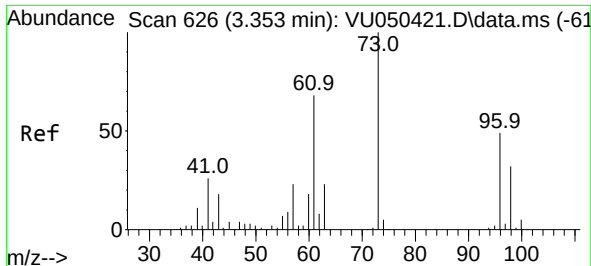
Tgt Ion: 43 Resp: 331150
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8



#16
Methylene chloride
Concen: 89.373 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 84 Resp: 287304
Ion Ratio Lower Upper
84 100
86 65.3 43.9 81.5
49 116.0 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 83.856 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD100010

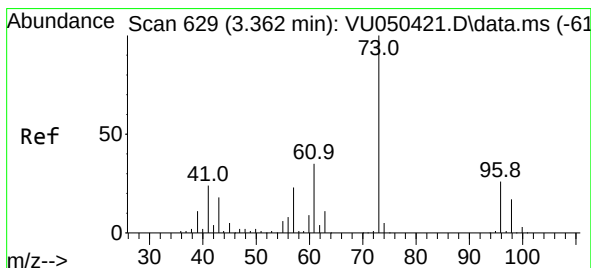
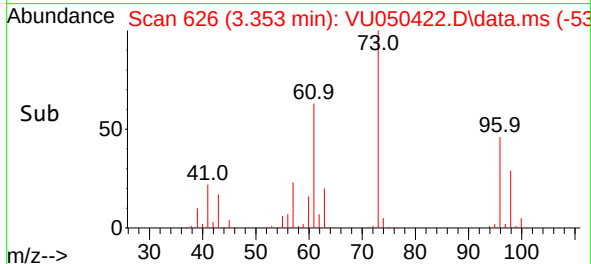
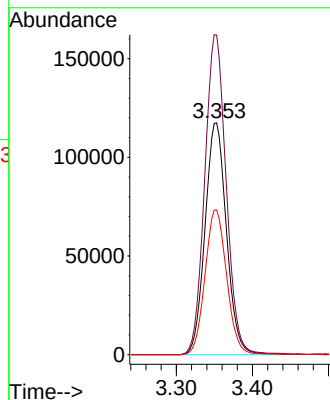
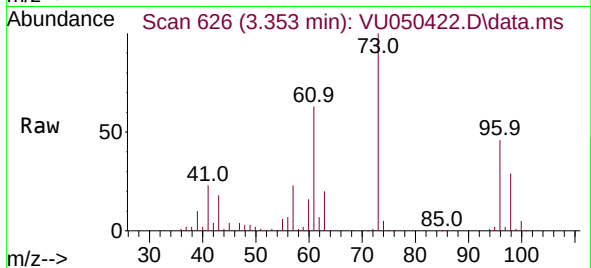
Tgt Ion: 96 Resp: 230308

Ion Ratio Lower Upper

96 100

61 137.8 98.5 182.9

98 62.4 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 85.127 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

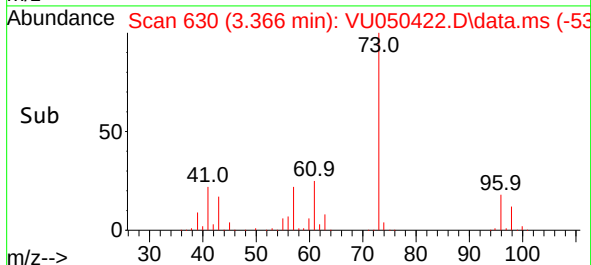
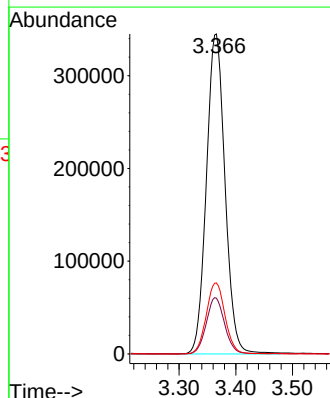
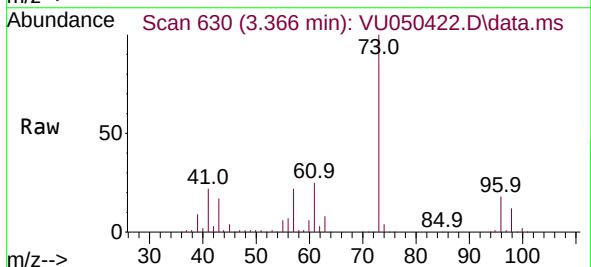
Tgt Ion: 73 Resp: 787629

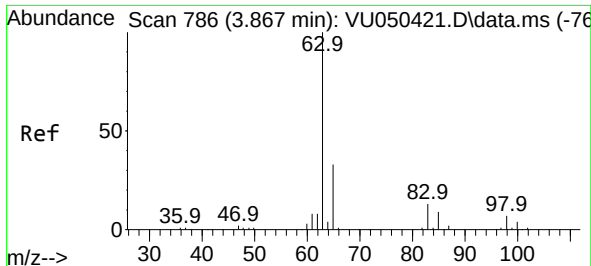
Ion Ratio Lower Upper

73 100

43 17.2 14.4 21.6

57 22.4 17.8 26.8





#19

1,1-Dichloroethane

Concen: 84.370 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD100010

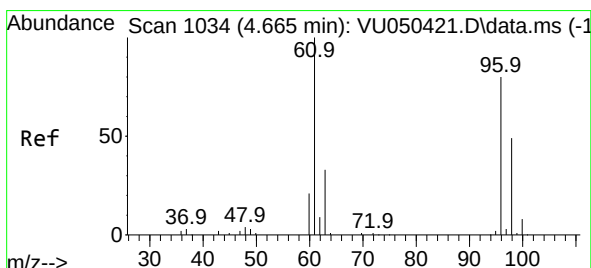
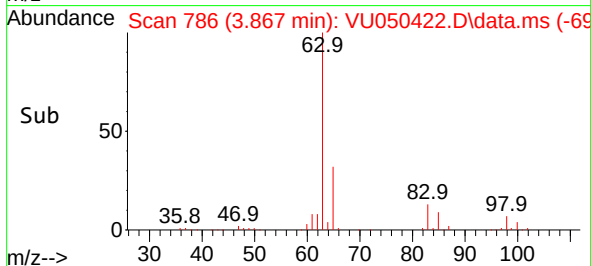
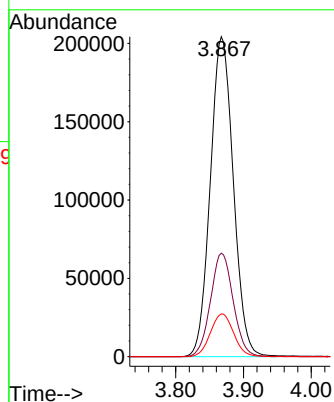
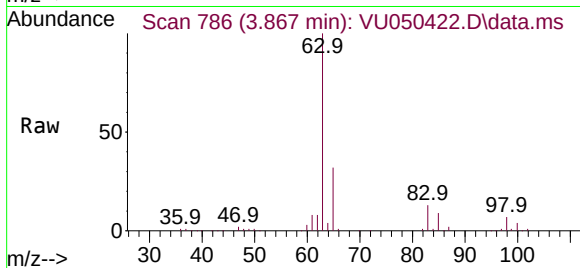
Tgt Ion: 63 Resp: 481745

Ion Ratio Lower Upper

63 100

65 32.3 23.3 43.3

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 92.213 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

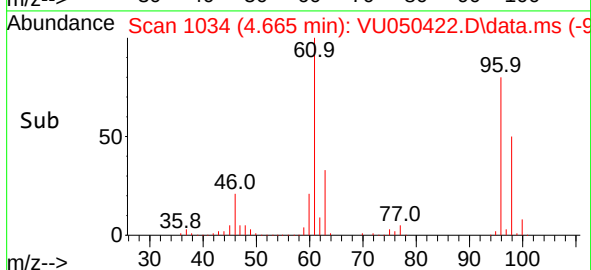
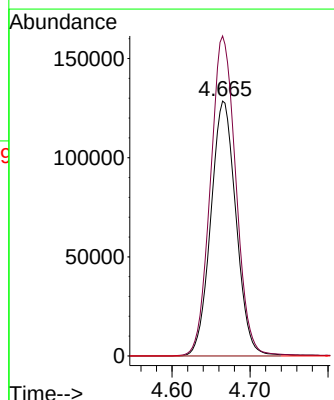
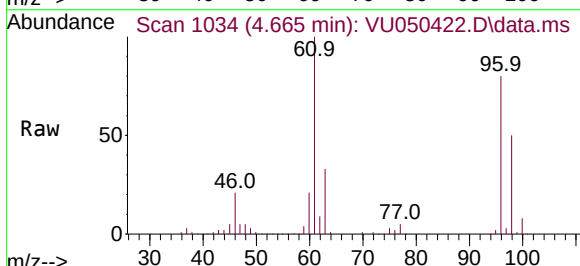
Tgt Ion: 96 Resp: 288184

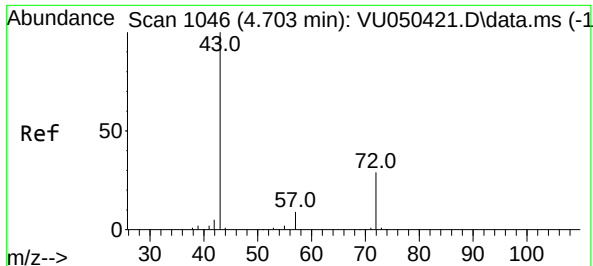
Ion Ratio Lower Upper

96 100

61 125.6 88.1 163.5

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 174.000 ug/L

RT: 4.706 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

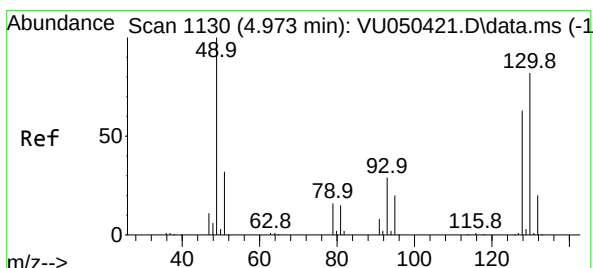
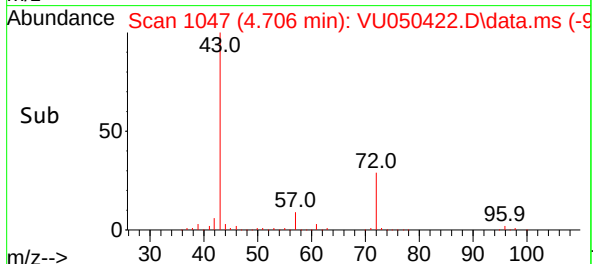
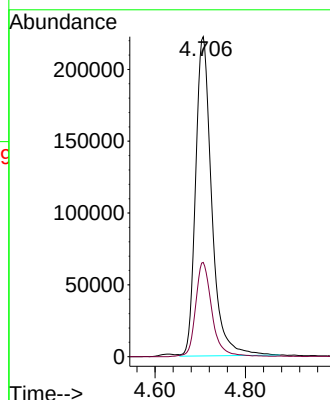
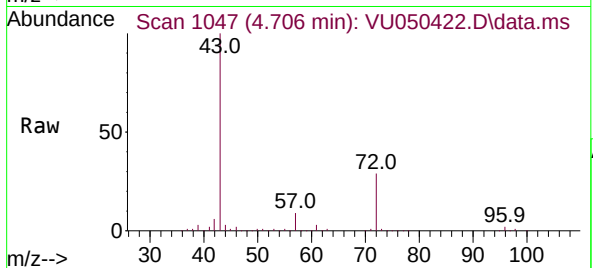
VSTD100010

Tgt Ion: 43 Resp: 549222

Ion Ratio Lower Upper

43 100

72 29.9 15.0 45.0



#23

Bromochloromethane

Concen: 93.848 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Tgt Ion:128 Resp: 147711

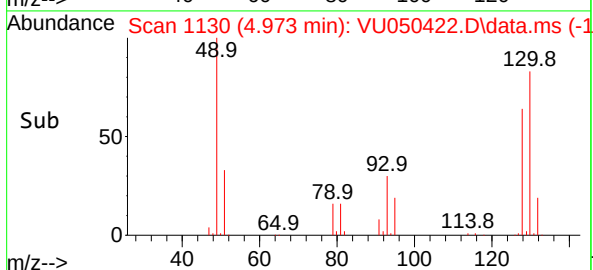
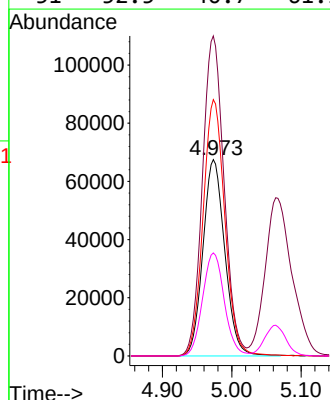
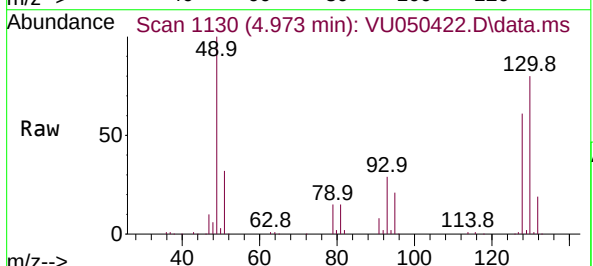
Ion Ratio Lower Upper

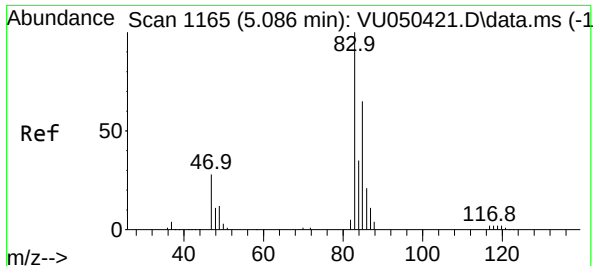
128 100

49 162.9 111.2 206.4

130 130.5 91.1 169.1

51 52.5 40.7 61.1





#25

Chloroform

Concen: 89.370 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

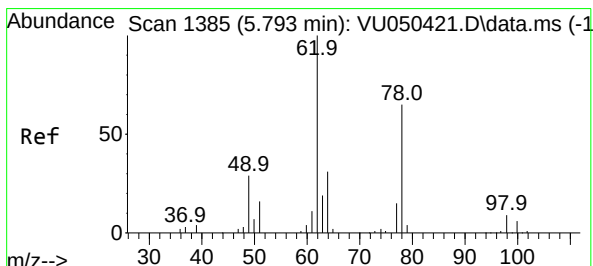
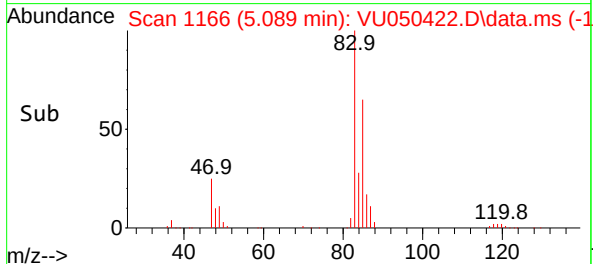
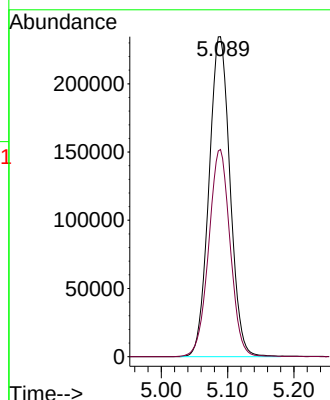
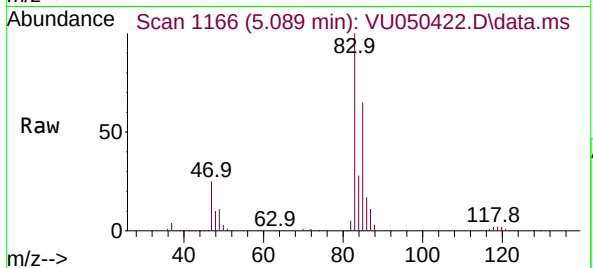
VSTD100010

Tgt Ion: 83 Resp: 517751

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 80.627 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050422.D

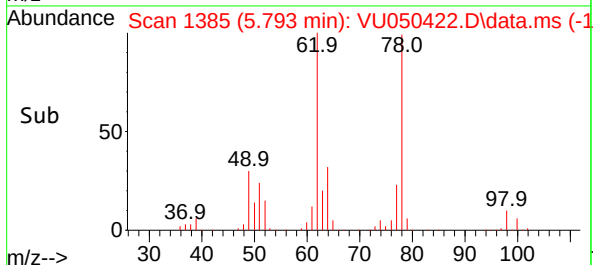
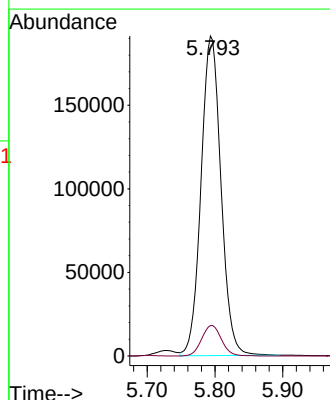
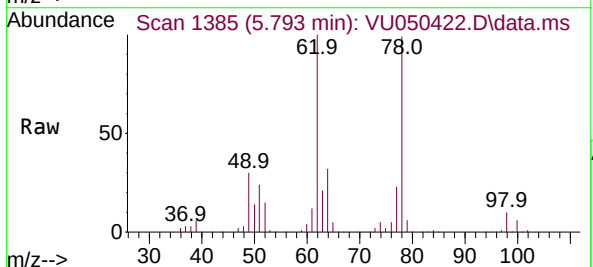
Acq: 24 Aug 2022 12:13

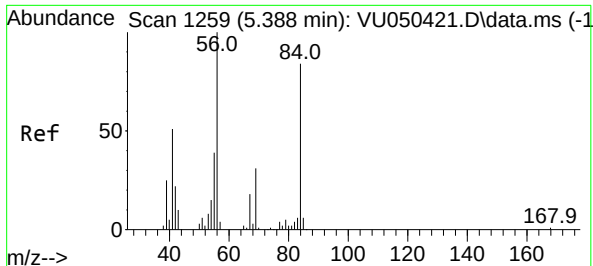
Tgt Ion: 62 Resp: 390377

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9





#29

Cyclohexane

Concen: 69.638 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD100010

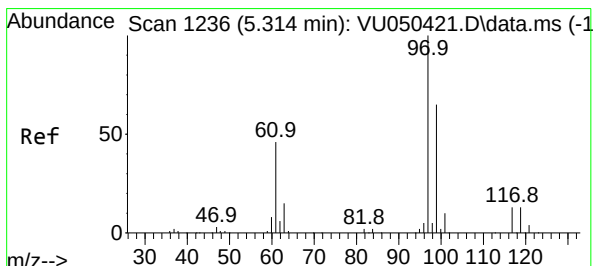
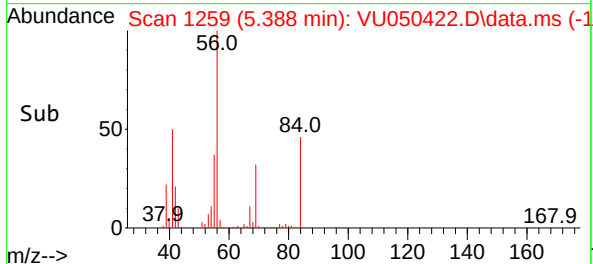
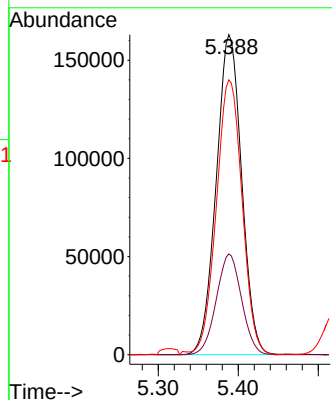
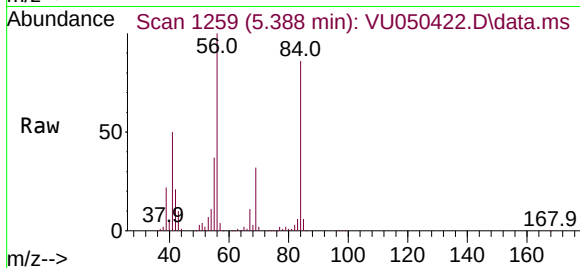
Tgt Ion: 56 Resp: 359963

Ion Ratio Lower Upper

56 100

69 31.2 24.6 36.8

84 86.9 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 78.467 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

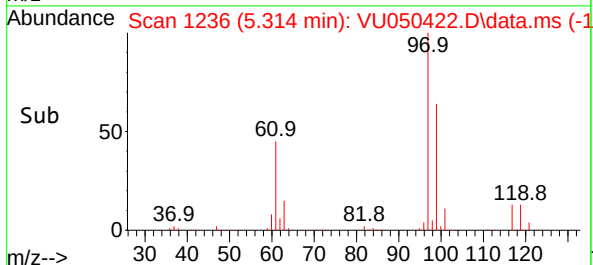
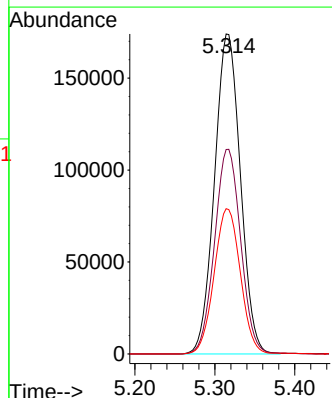
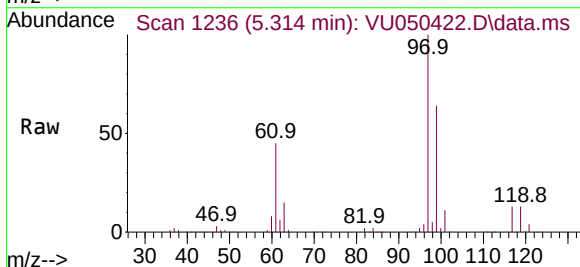
Tgt Ion: 97 Resp: 391650

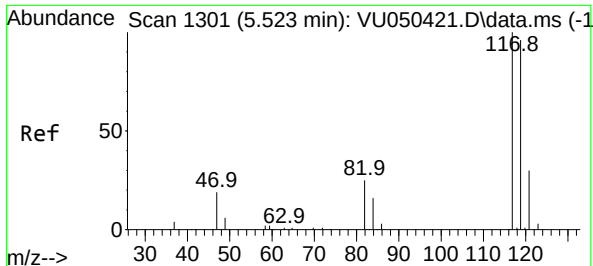
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 45.9 36.6 55.0

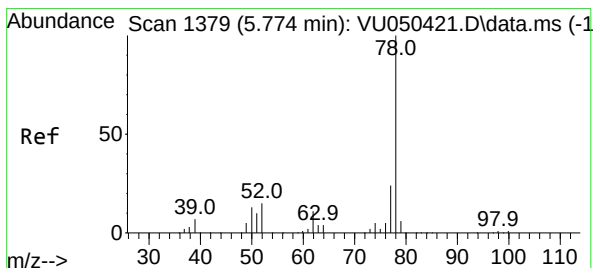
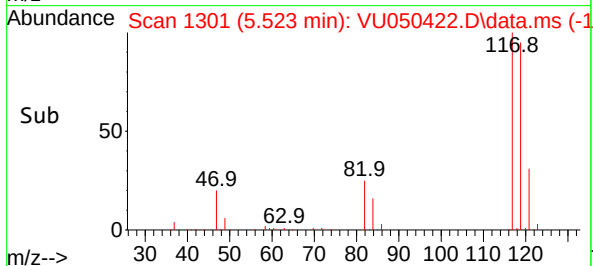
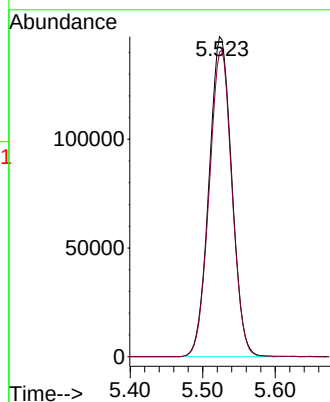
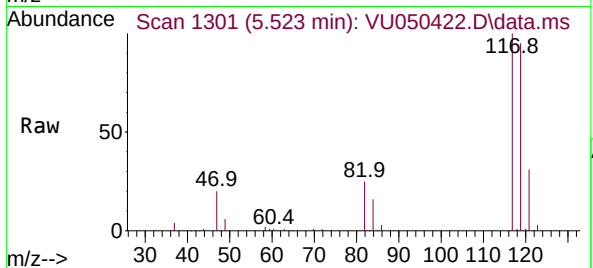




#31
Carbon tetrachloride
Concen: 78.695 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

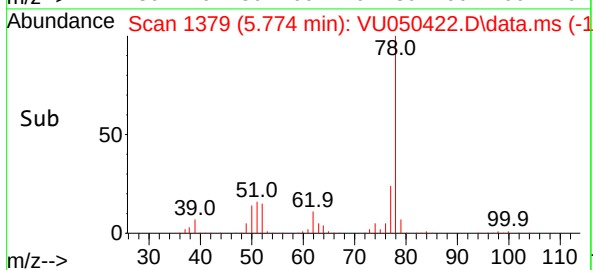
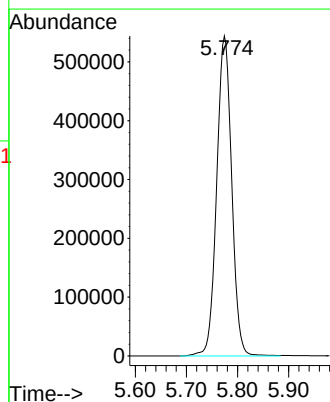
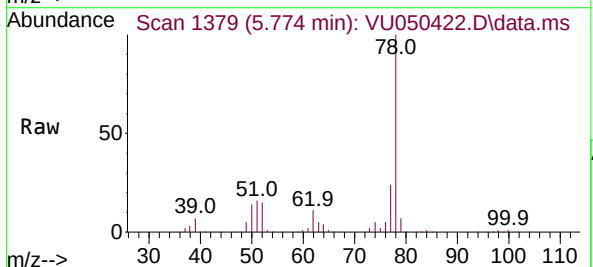
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

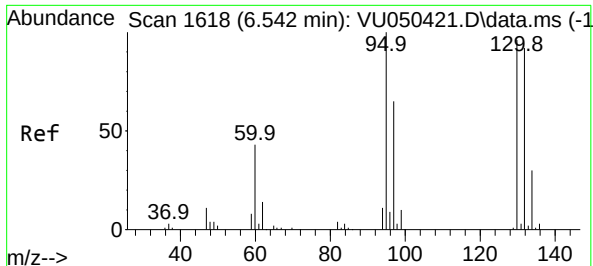
Tgt Ion:117 Resp: 321338
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 84.650 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 78 Resp: 1109577

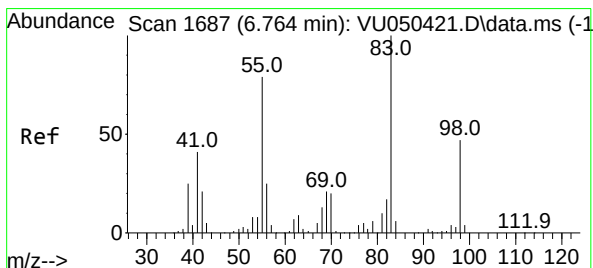
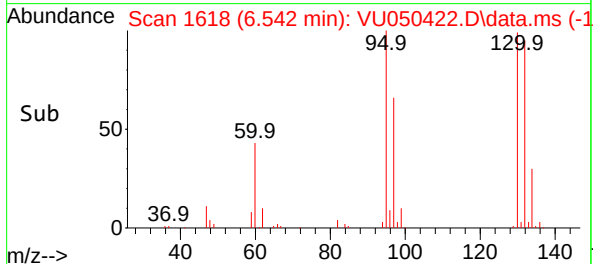
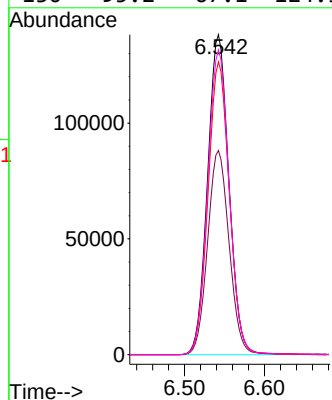
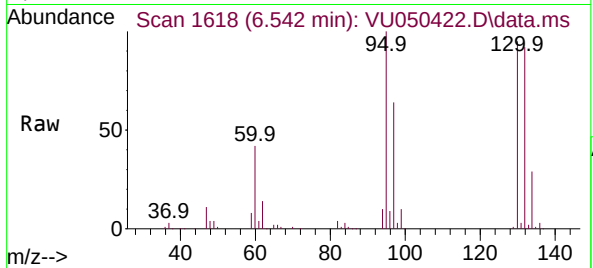




#34
Trichloroethene
Concen: 81.531 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

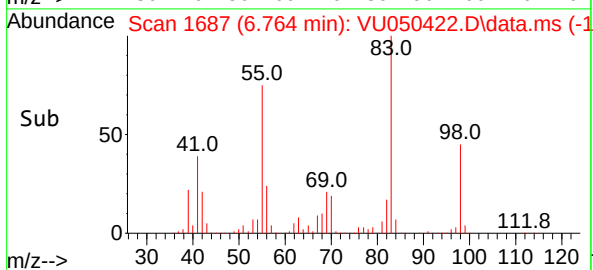
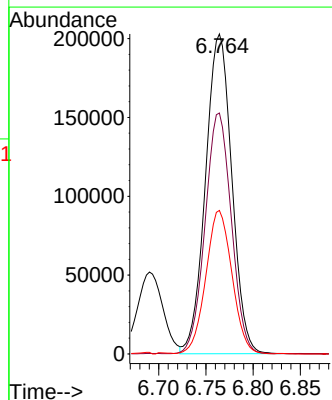
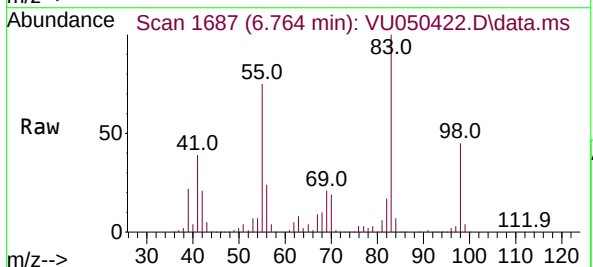
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

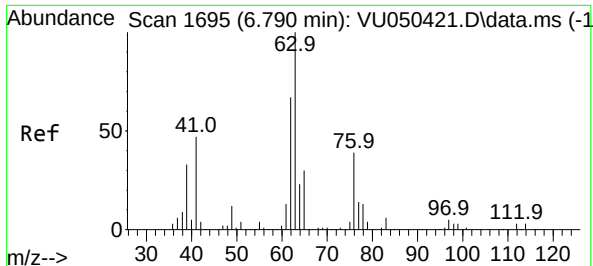
Tgt Ion: 95 Resp: 256539
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 91.5 64.4 119.6
130 95.2 67.1 124.5



#35
Methylcyclohexane
Concen: 81.508 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 83 Resp: 392834
Ion Ratio Lower Upper
83 100
55 74.9 61.9 92.9
98 44.7 35.8 53.8





#37

1,2-Dichloropropane

Concen: 85.886 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

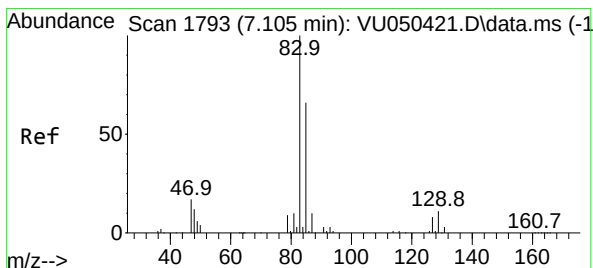
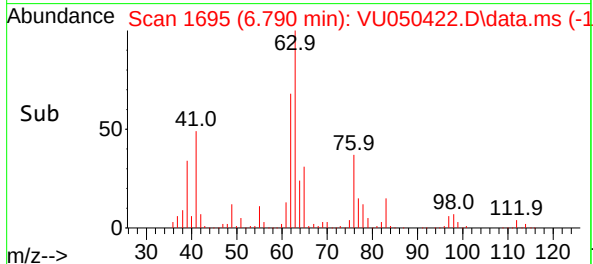
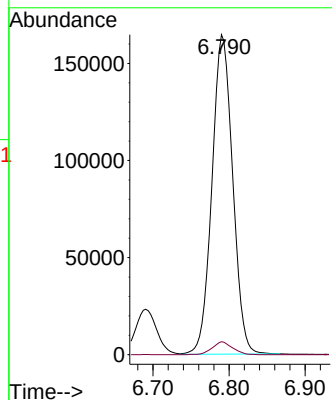
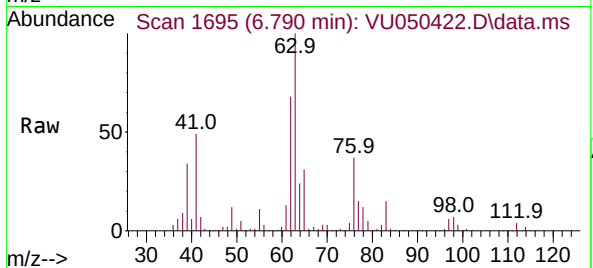
VSTD100010

Tgt Ion: 63 Resp: 311709

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 87.006 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

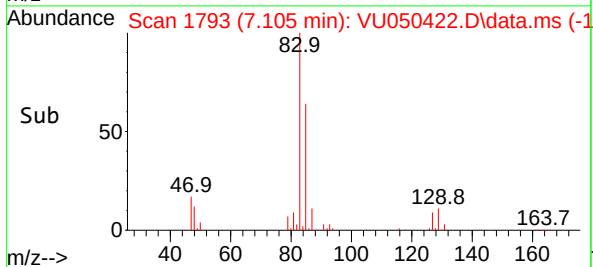
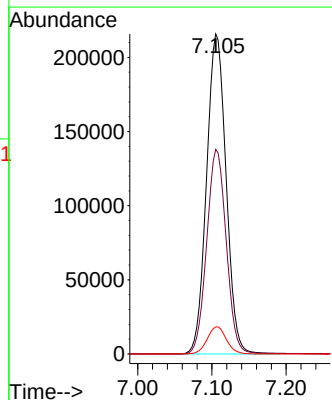
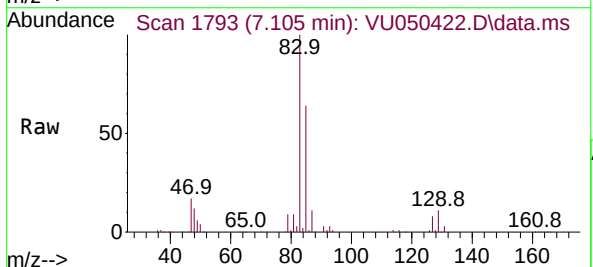
Tgt Ion: 83 Resp: 394707

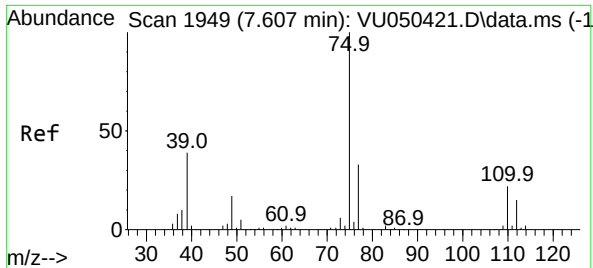
Ion Ratio Lower Upper

83 100

85 63.9 46.2 85.8

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 93.713 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

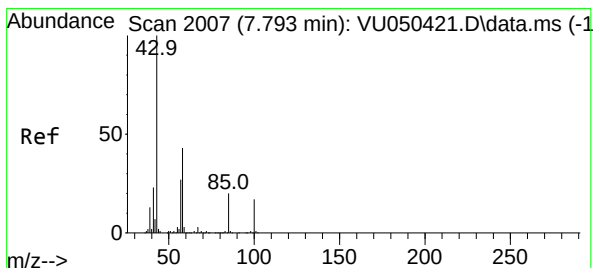
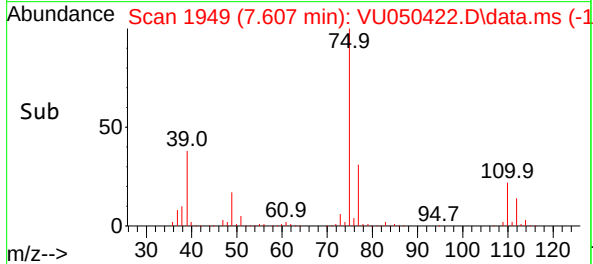
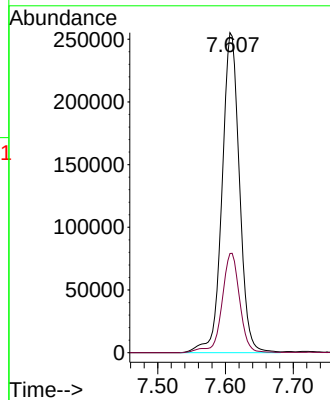
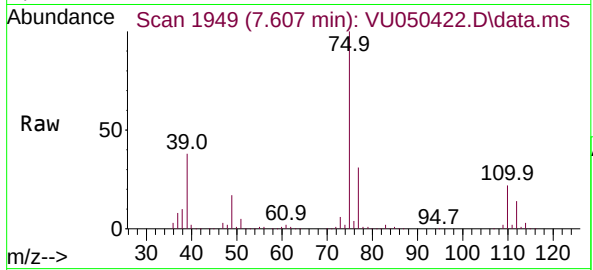
VSTD100010

Tgt Ion: 75 Resp: 455672

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 166.541 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

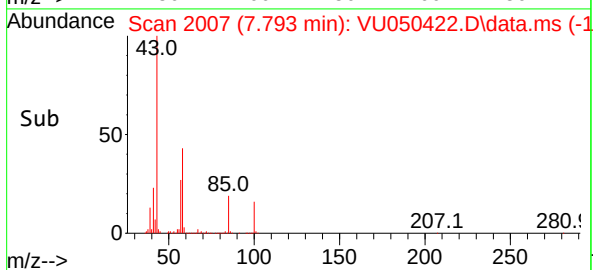
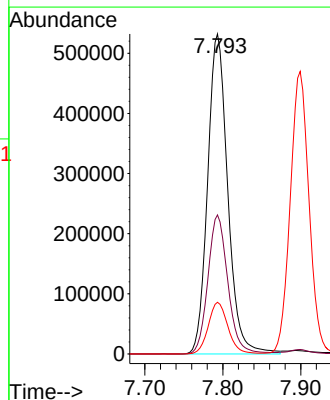
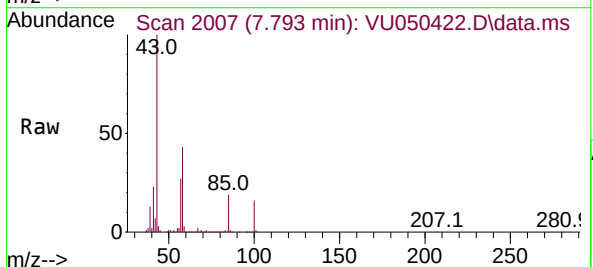
Tgt Ion: 43 Resp: 954315

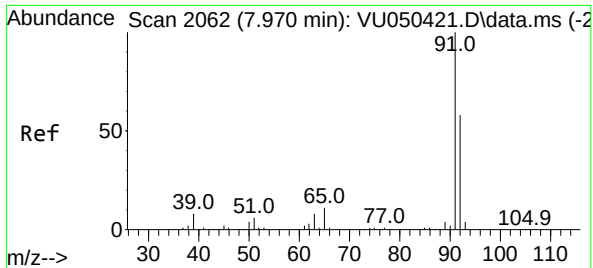
Ion Ratio Lower Upper

43 100

58 43.2 34.0 51.0

100 15.8 13.0 19.4





#42

Toluene

Concen: 89.472 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

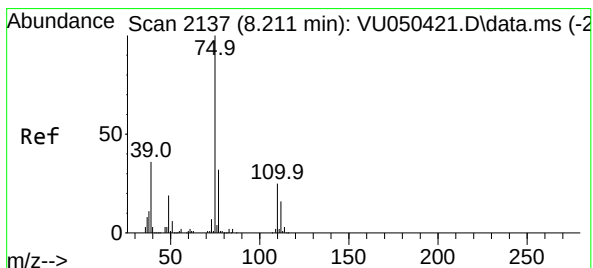
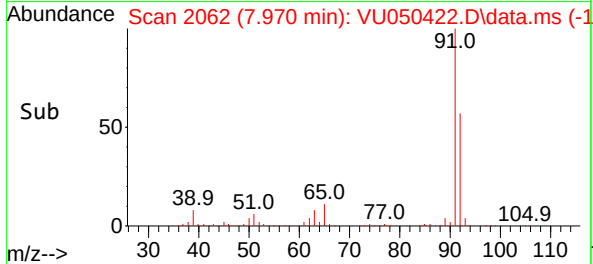
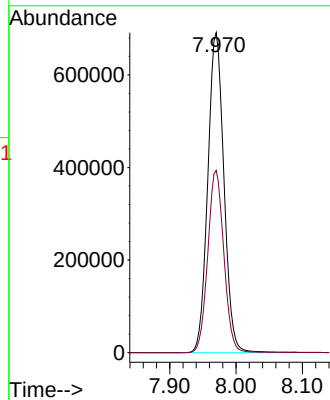
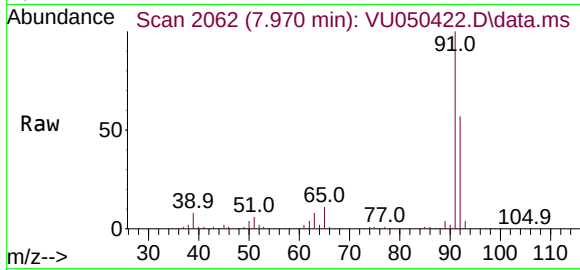
VSTD100010

Tgt Ion: 91 Resp: 1170115

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 92.787 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050422.D

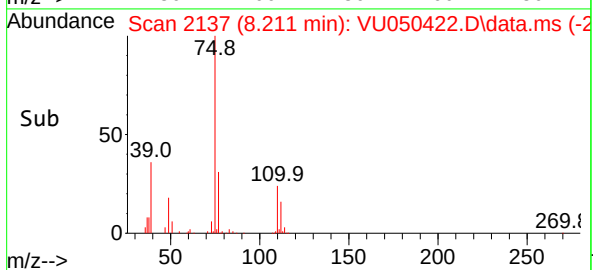
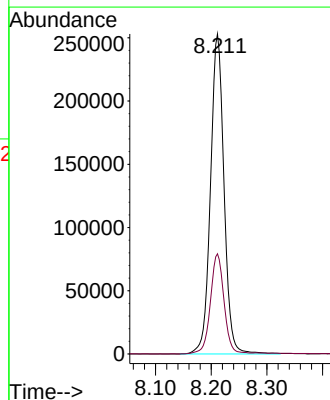
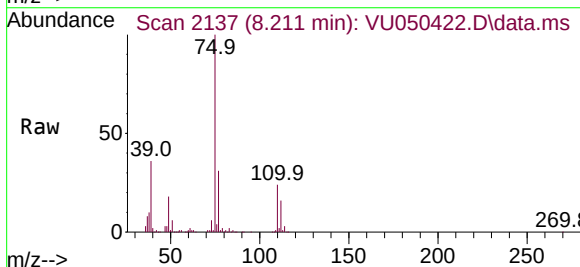
Acq: 24 Aug 2022 12:13

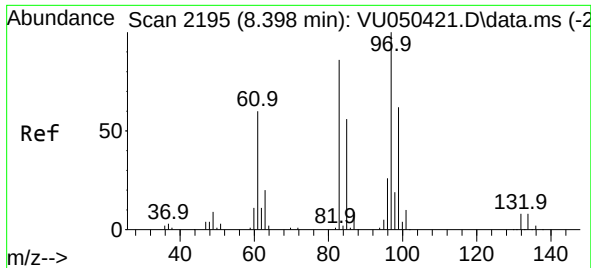
Tgt Ion: 75 Resp: 426755

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7



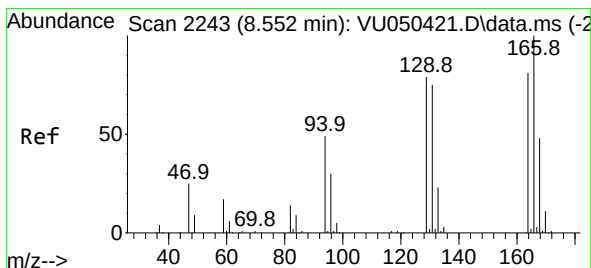
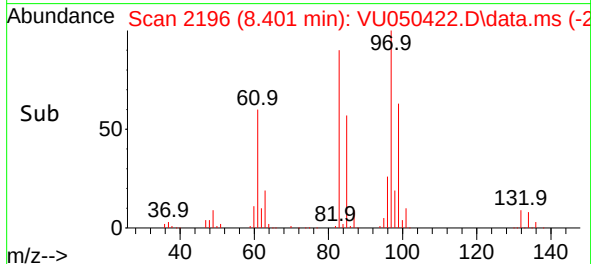
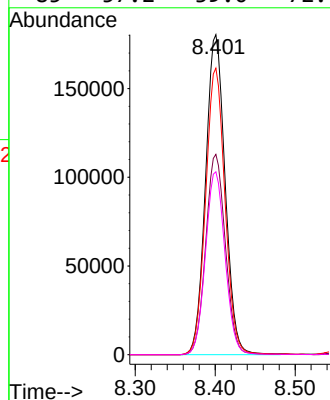
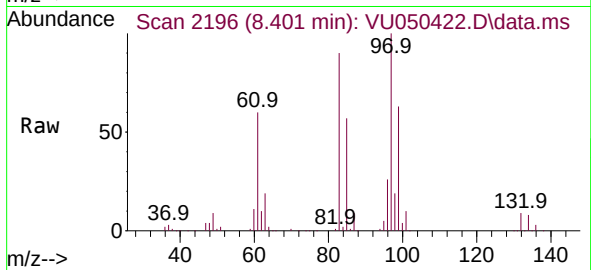


#45
1,1,2-Trichloroethane
Concen: 94.372 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

Tgt Ion: 97 Resp: 307266

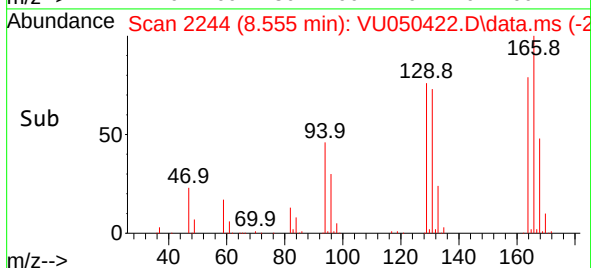
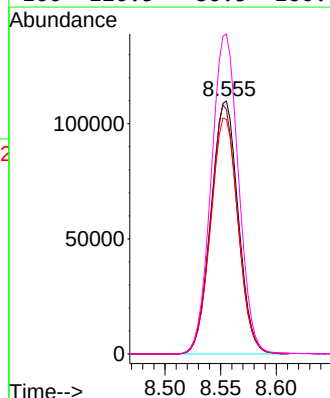
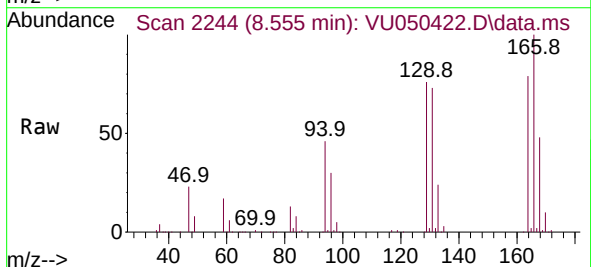
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	89.6	60.3	112.1
85	57.2	39.0	72.4

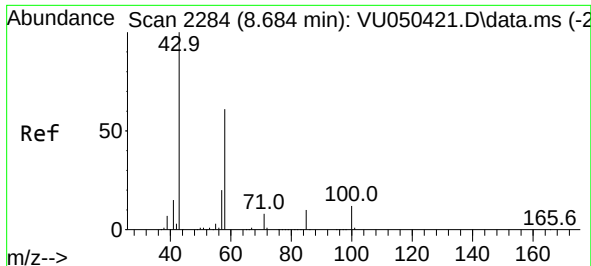


#46
Tetrachloroethene
Concen: 84.804 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 164 Resp: 186312

Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.0	126.4
131	92.7	65.4	121.4
166	126.5	86.5	160.7

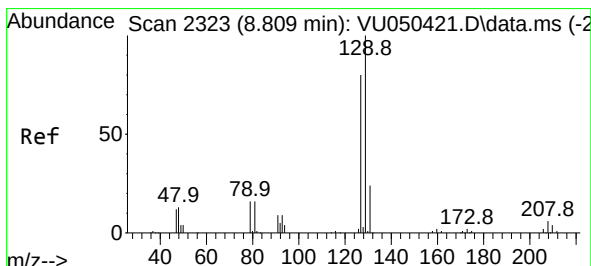
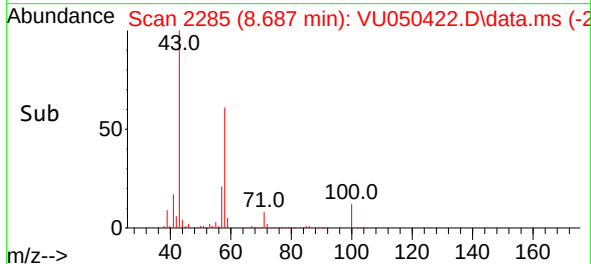
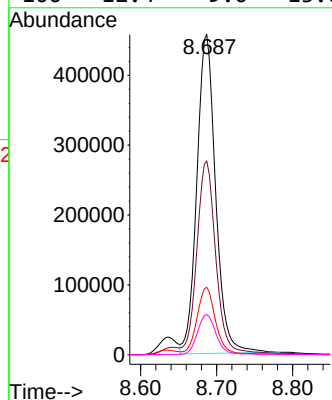
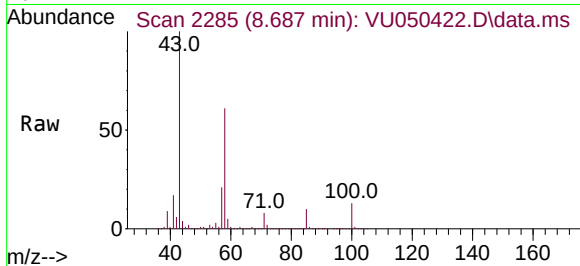




#48
2-Hexanone
Concen: 168.778 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

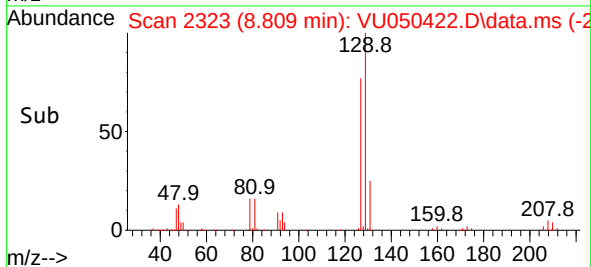
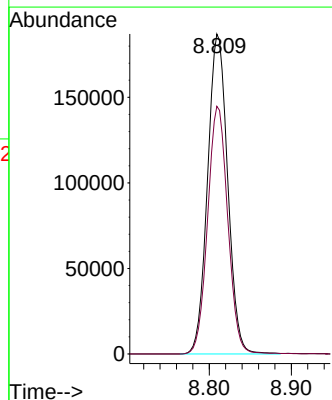
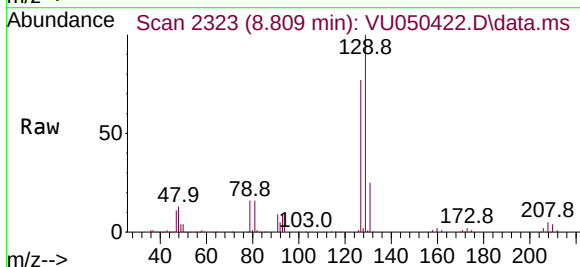
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

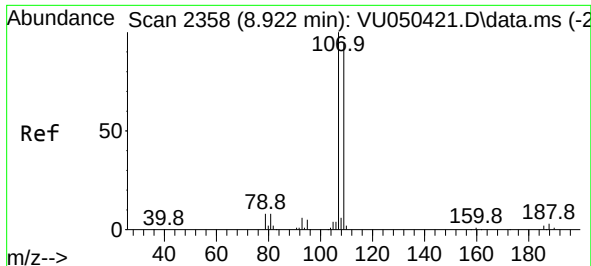
Tgt Ion: 43 Resp: 783680
Ion Ratio Lower Upper
43 100
58 60.8 47.9 71.9
57 21.0 15.4 23.0
100 12.4 9.0 13.6



#49
Dibromochloromethane
Concen: 97.180 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 129 Resp: 318536
Ion Ratio Lower Upper
129 100
127 77.4 55.9 103.7

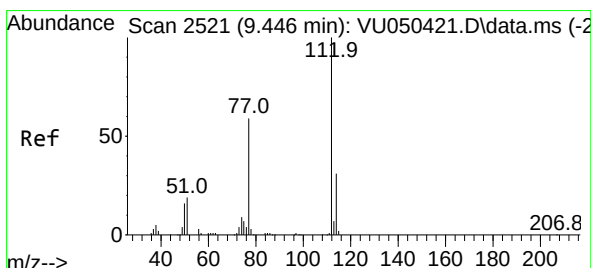
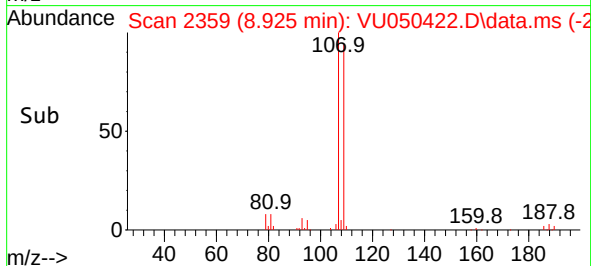
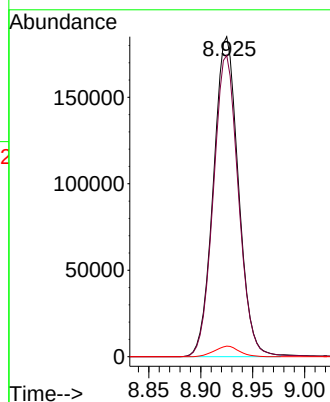
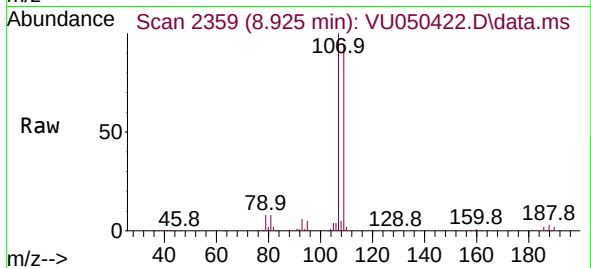




#50
1,2-Dibromoethane
Concen: 95.619 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

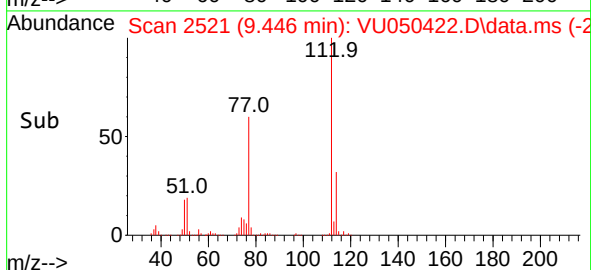
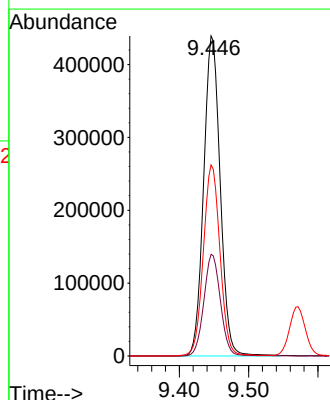
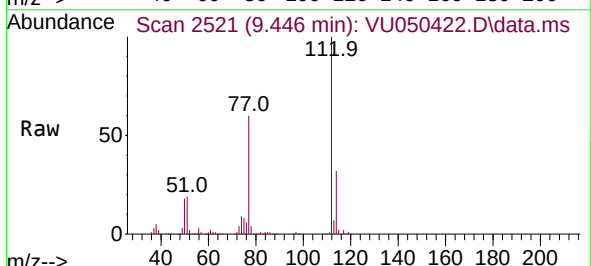
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

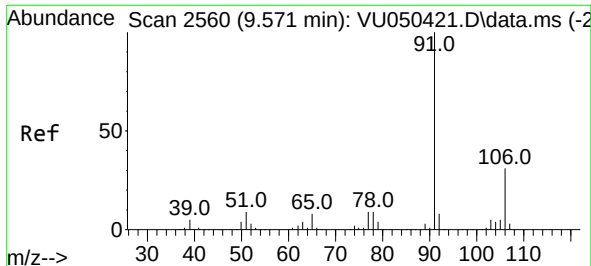
Tgt Ion:107 Resp: 309731
Ion Ratio Lower Upper
107 100
109 94.2 66.0 122.6
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 91.112 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion:112 Resp: 726813
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.6
77 59.7 47.6 71.4

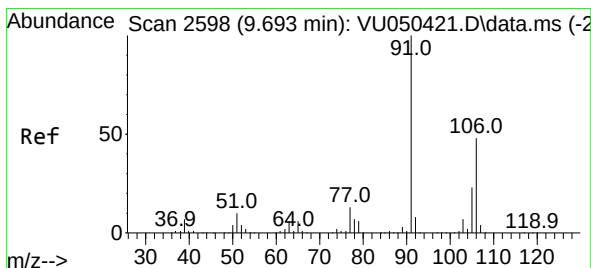
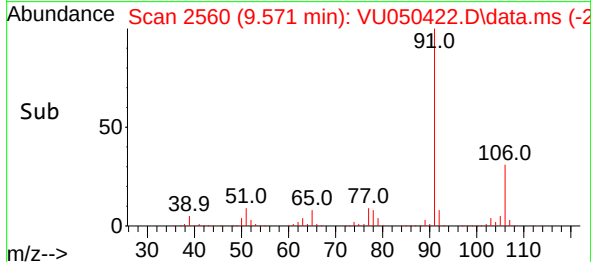
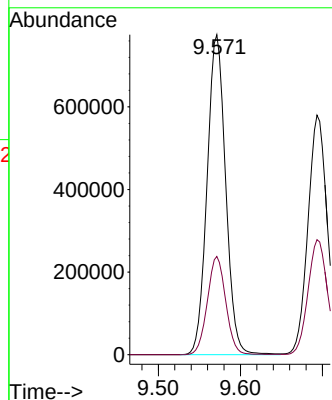
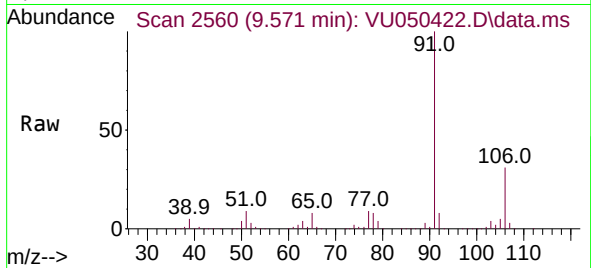




#52
Ethylbenzene
Concen: 89.707 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

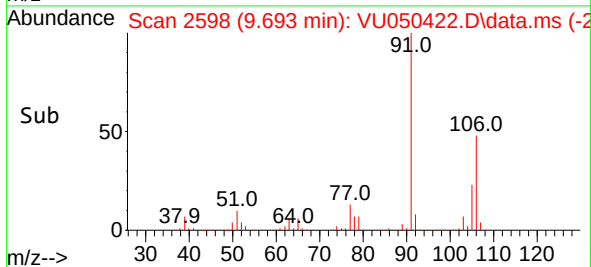
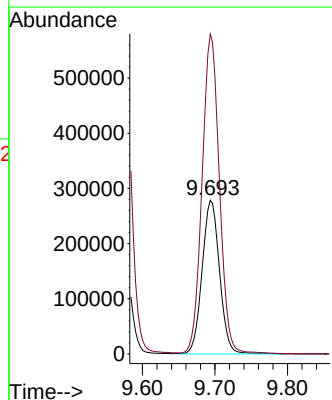
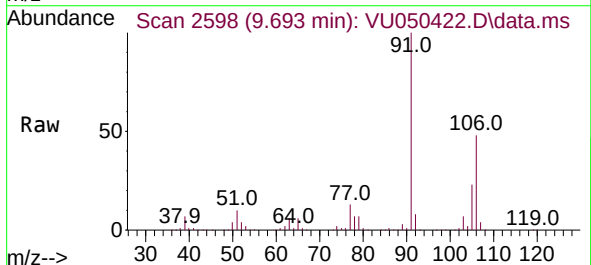
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

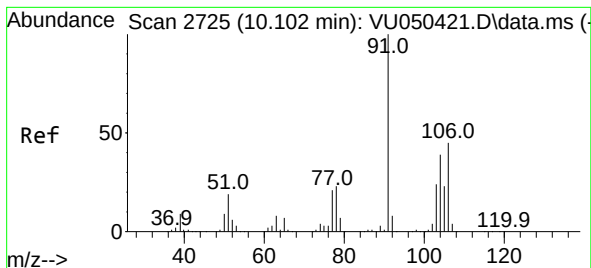
Tgt Ion: 91 Resp: 1220218
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#53
m,p-Xylene
Concen: 93.138 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 106 Resp: 465569
Ion Ratio Lower Upper
106 100
91 208.2 145.9 270.9





#54

o-Xylene

Concen: 94.136 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

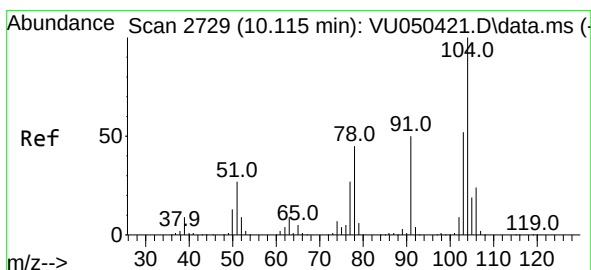
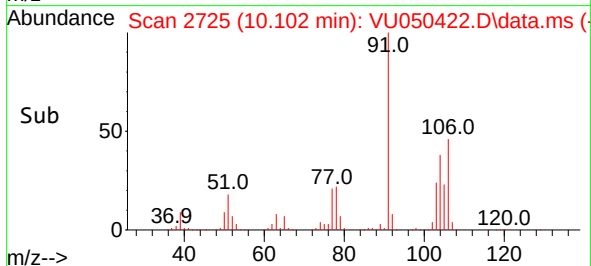
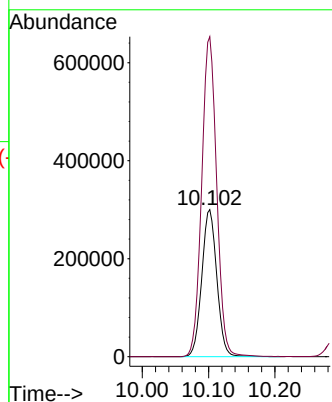
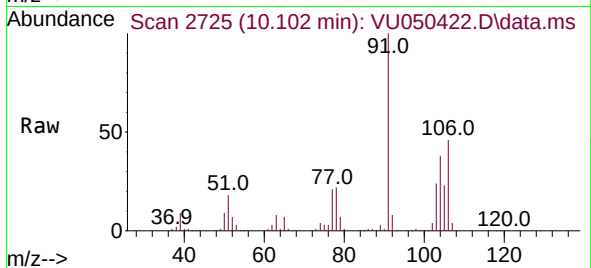
VSTD100010

Tgt Ion:106 Resp: 472037

Ion Ratio Lower Upper

106 100

91 217.7 154.8 287.4



#55

Styrene

Concen: 99.409 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU050422.D

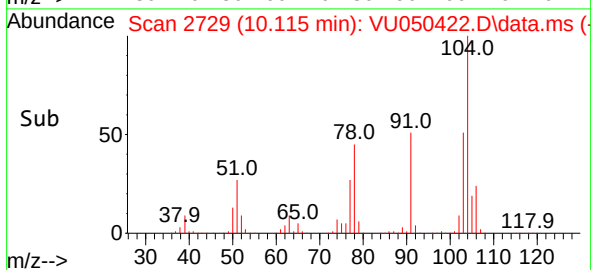
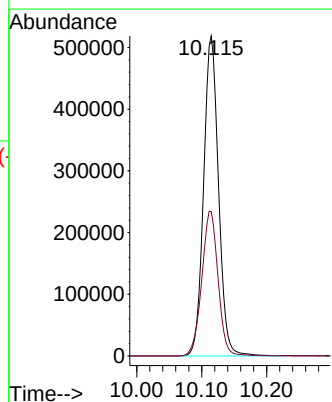
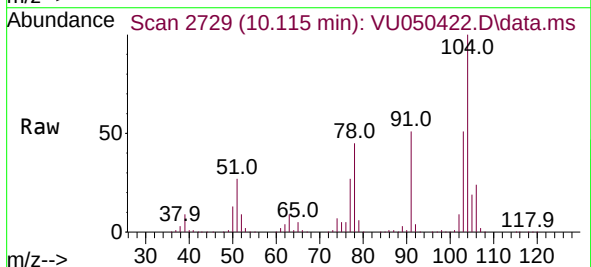
Acq: 24 Aug 2022 12:13

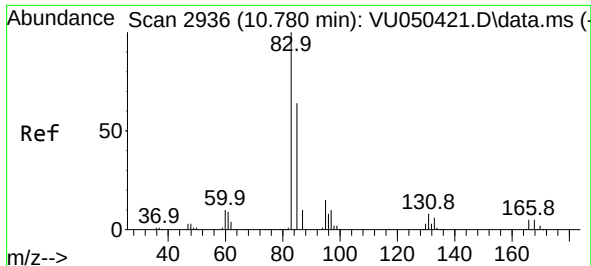
Tgt Ion:104 Resp: 830208

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.8

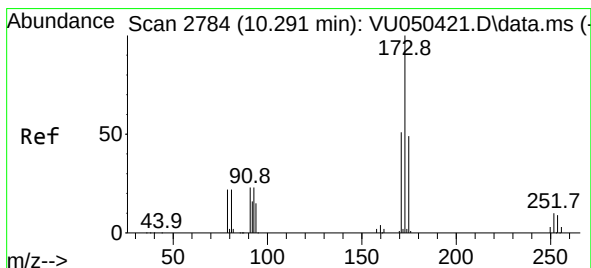
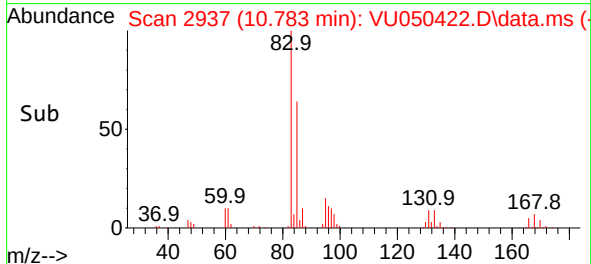
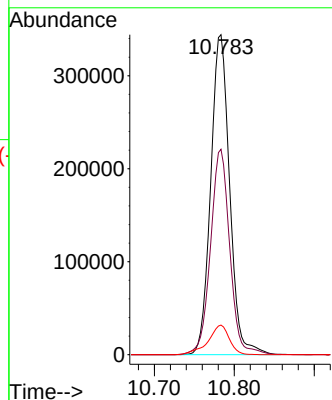
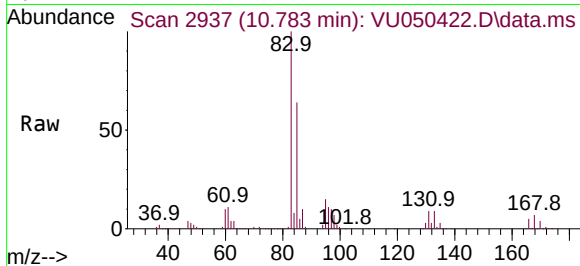




#57
1,1,2,2-Tetrachloroethane
Concen: 97.371 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

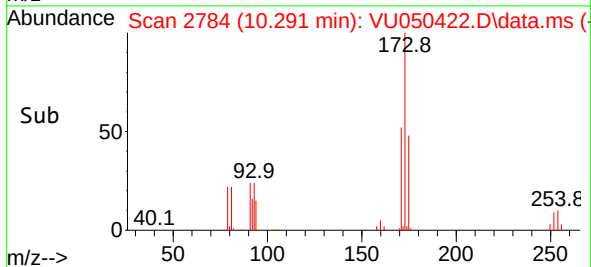
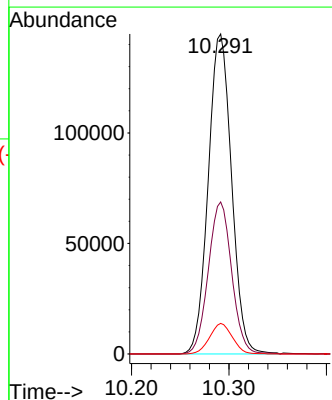
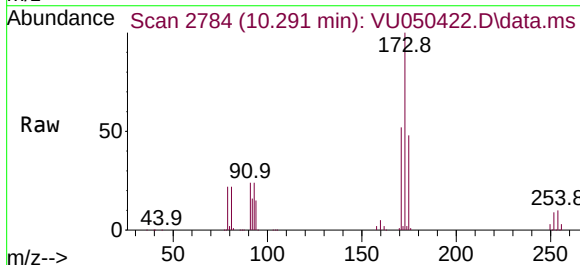
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

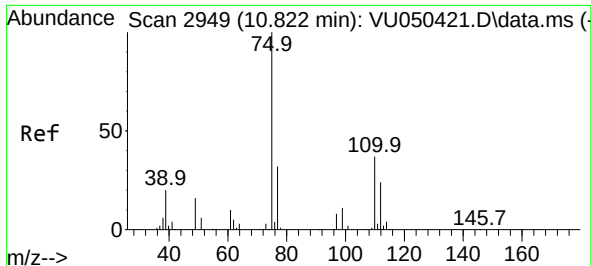
Tgt Ion: 83 Resp: 566440
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2
131 9.3 7.2 10.8



#59
Bromoform
Concen: 96.636 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion:173 Resp: 240672
Ion Ratio Lower Upper
173 100
175 47.6 38.4 57.6
254 9.3 7.1 10.7

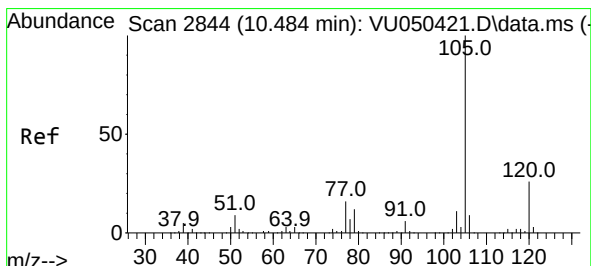
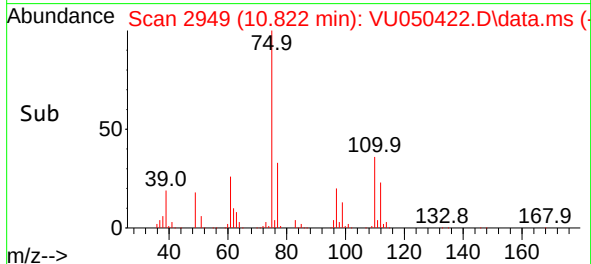
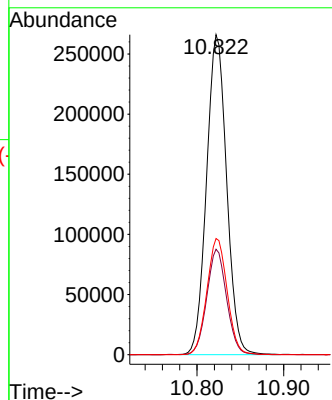
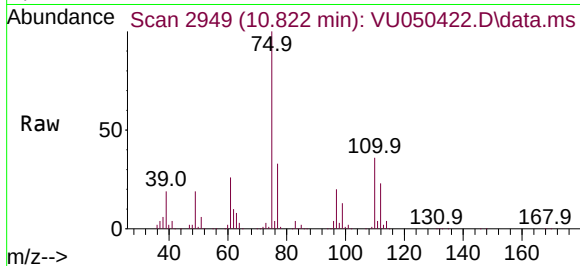




#60
1,2,3-Trichloropropane
Concen: 88.596 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

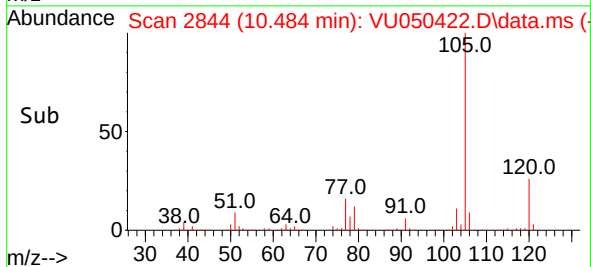
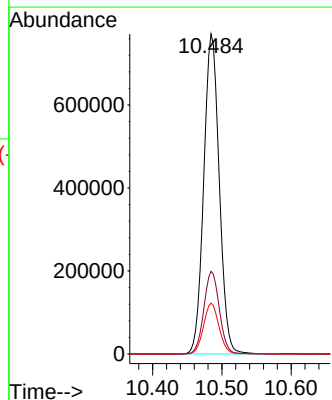
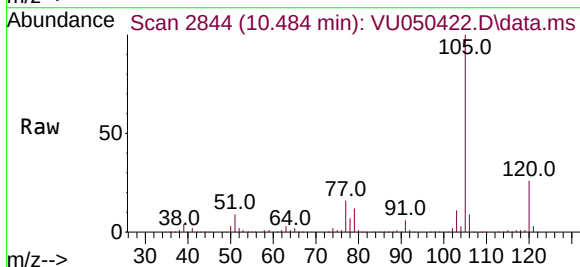
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

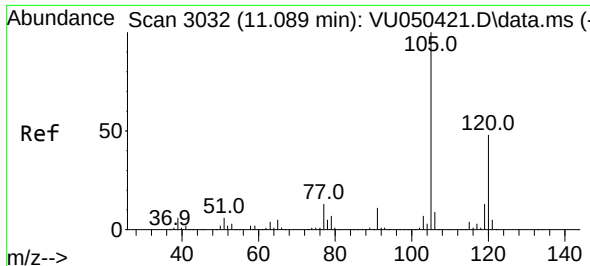
Tgt Ion: 75 Resp: 429568
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 36.6 29.0 43.4



#61
Isopropylbenzene
Concen: 90.042 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 105 Resp: 1197550
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.9 12.5 18.7

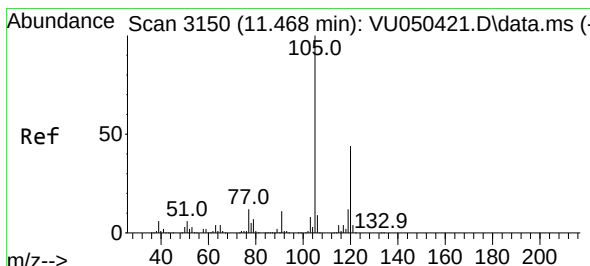
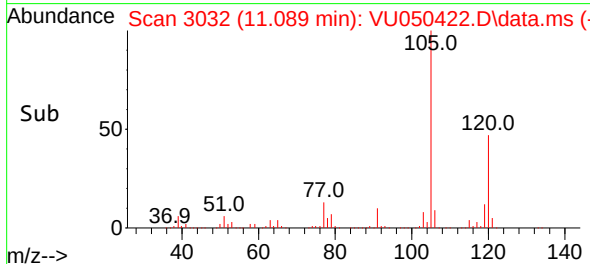
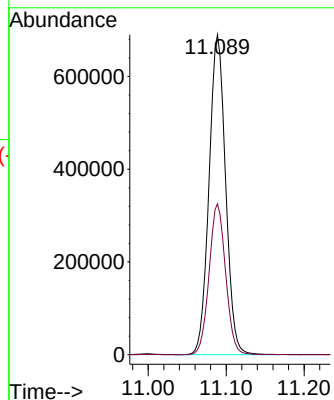
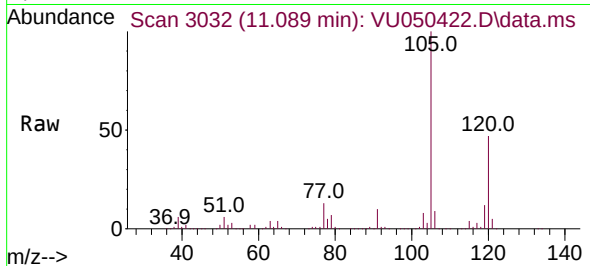




#62
 1,3,5-Trimethylbenzene
 Concen: 91.768 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

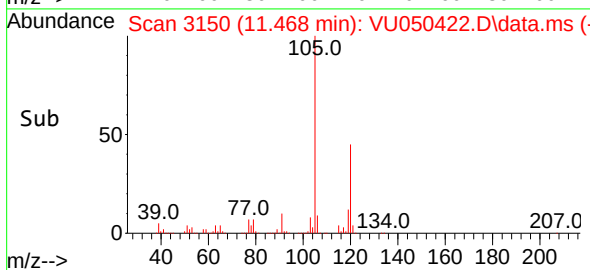
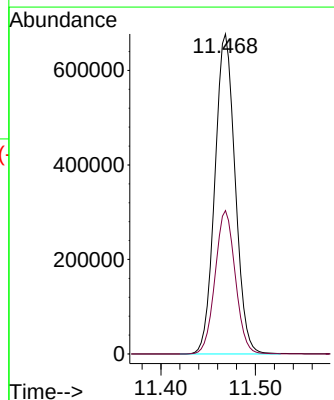
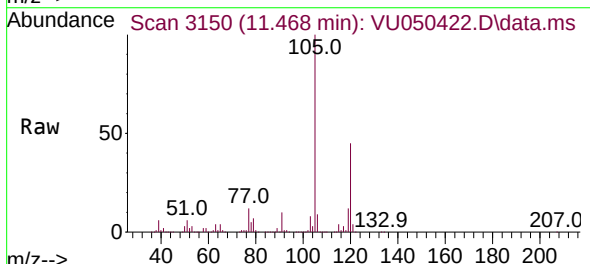
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100010

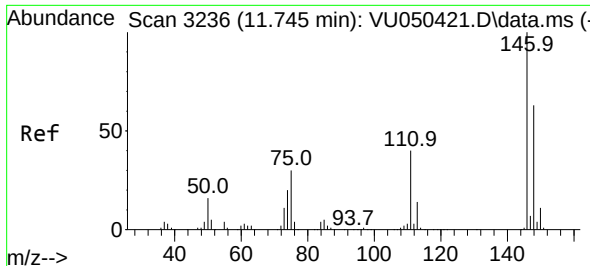
Tgt Ion:105 Resp: 1017919
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 91.755 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050422.D
 Acq: 24 Aug 2022 12:13

Tgt Ion:105 Resp: 1009012
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.3 52.9

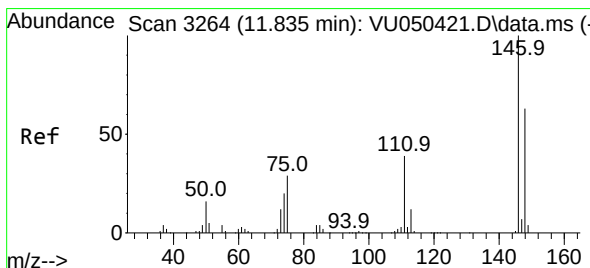
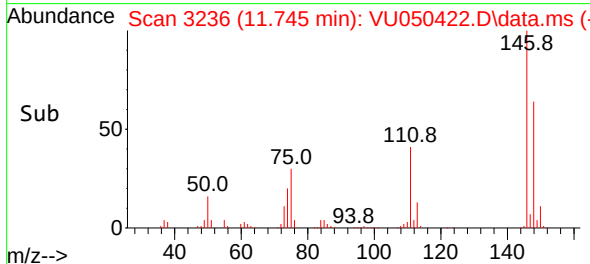
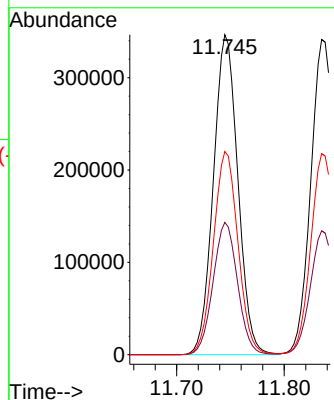
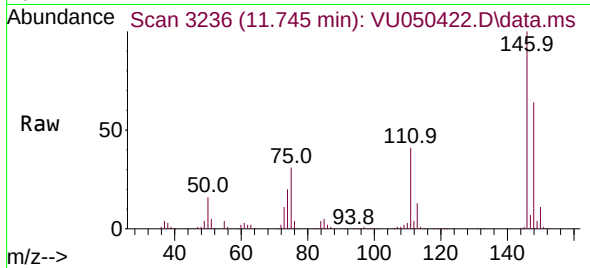




#64
1,3-Dichlorobenzene
Concen: 92.999 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

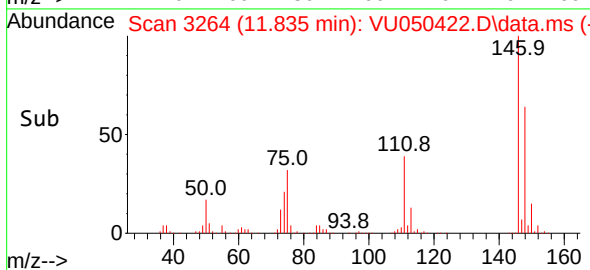
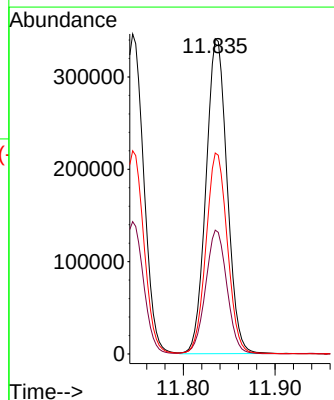
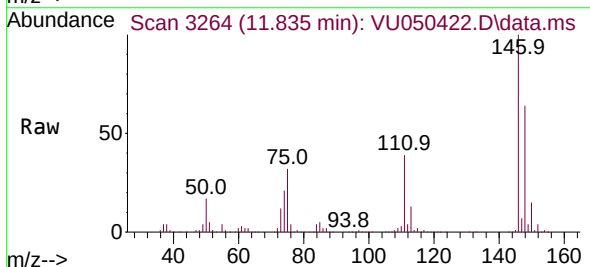
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

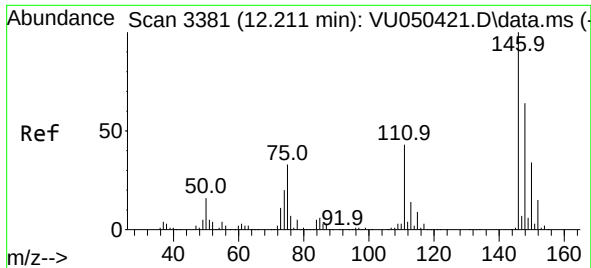
Tgt Ion:146 Resp: 548728
Ion Ratio Lower Upper
146 100
111 41.3 28.1 52.1
148 63.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 92.052 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion:146 Resp: 545616
Ion Ratio Lower Upper
146 100
111 39.3 27.6 51.2
148 63.8 44.4 82.4

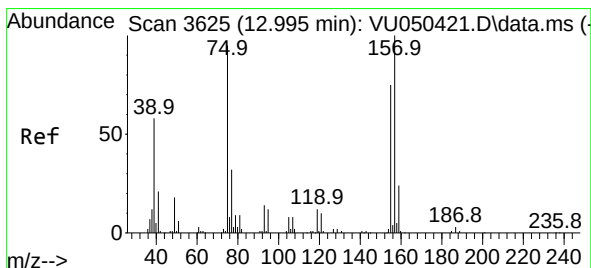
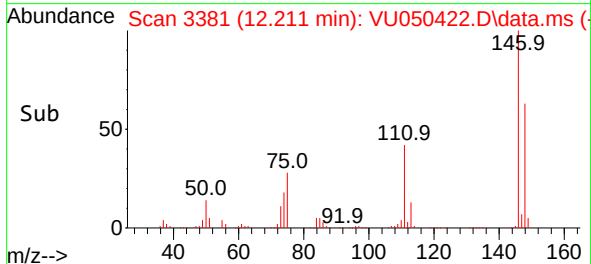
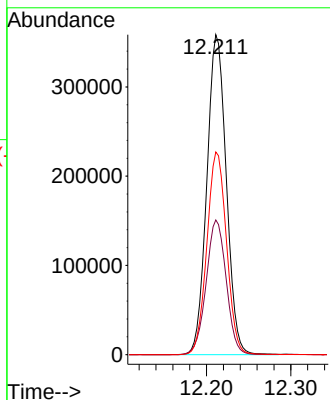
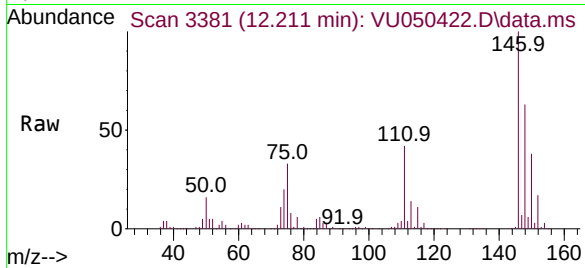




#67
1,2-Dichlorobenzene
Concen: 93.441 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

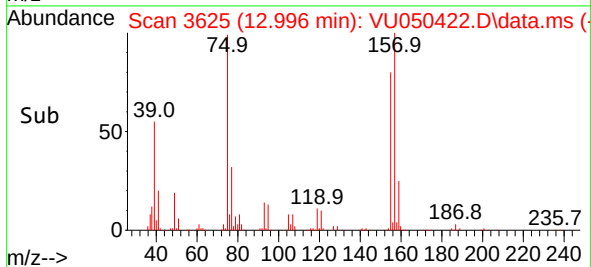
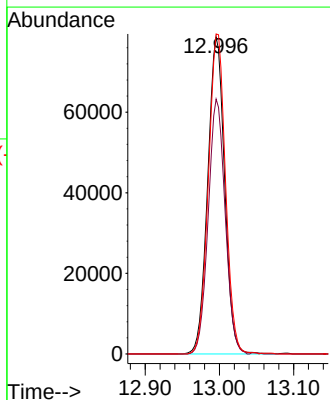
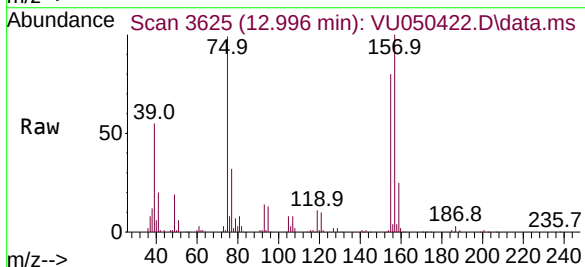
Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

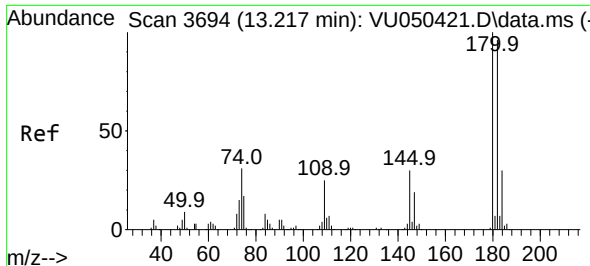
Tgt Ion:146 Resp: 575325
Ion Ratio Lower Upper
146 100
111 42.1 34.1 51.1
148 63.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 89.584 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 75 Resp: 124572
Ion Ratio Lower Upper
75 100
155 80.4 63.1 94.7
157 101.0 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 95.642 ug/L

RT: 13.217 min Scan# 30

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD100010

Tgt Ion:180 Resp: 391368

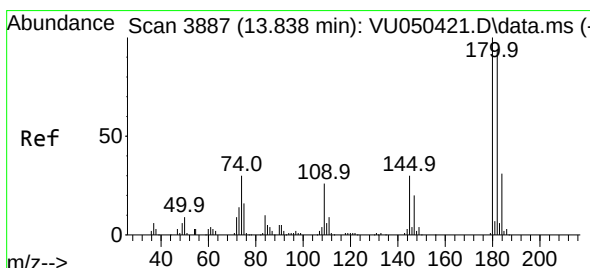
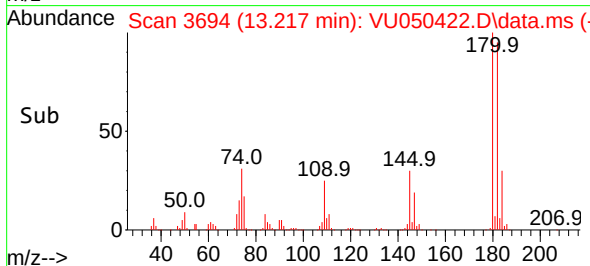
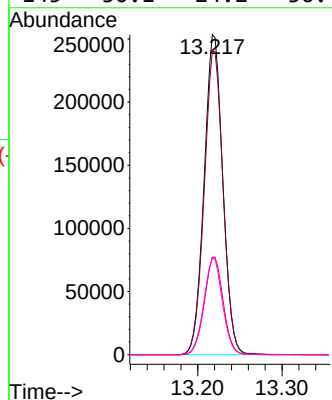
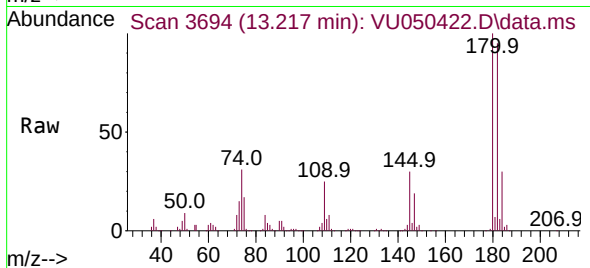
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

184 30.6 24.1 36.1

145 30.1 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 92.048 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU050422.D

Acq: 24 Aug 2022 12:13

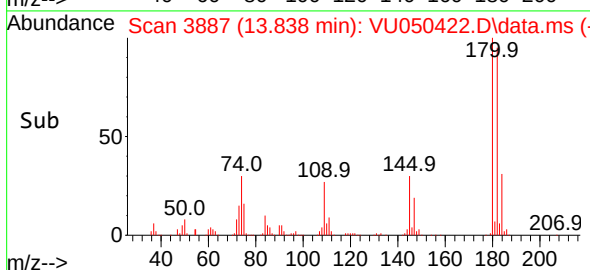
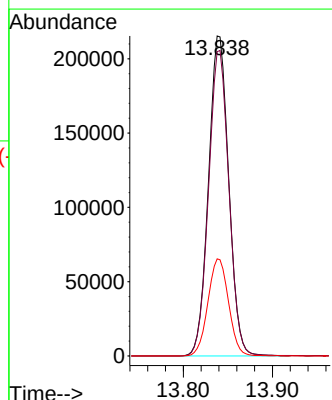
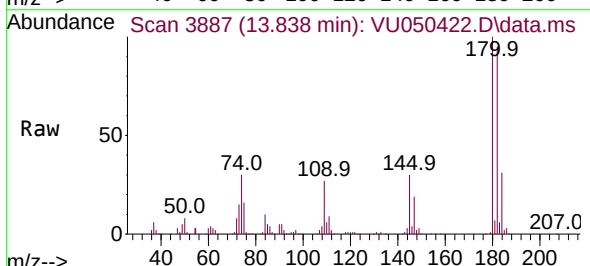
Tgt Ion:180 Resp: 339870

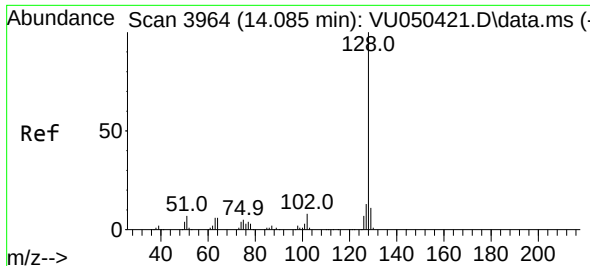
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

145 30.8 23.9 35.9

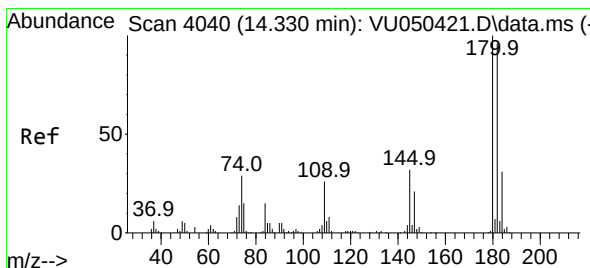
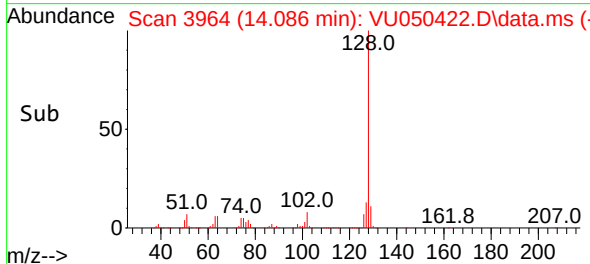
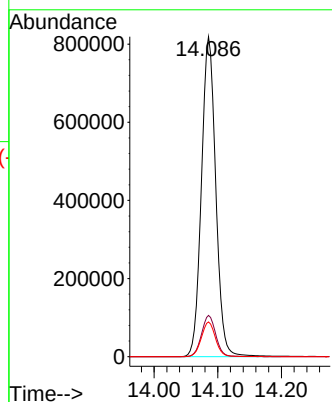
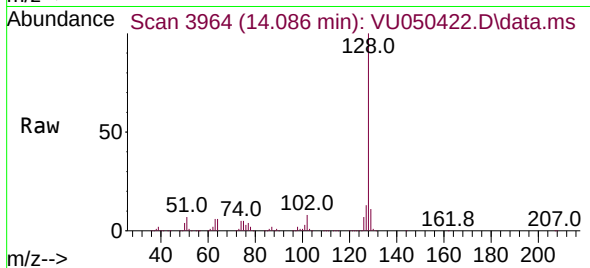




#71
Naphthalene
Concen: 98.412 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD100010

Tgt Ion:128 Resp: 1282494
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 96.748 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050422.D
Acq: 24 Aug 2022 12:13

Tgt Ion:180 Resp: 374227
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 33.1 26.5 39.7

