

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050601.D
 Acq On : 02 Sep 2022 15:40
 Operator : SY/MD
 Sample : VSTD20023
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200023

Quant Time: Sep 03 01:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	522329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	508982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	221112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	1020097	250.818	ug/L	0.00
7) Chloroethane-d5	1.900	69	596416	192.186	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1641184	235.820	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1485956	431.307	ug/L	0.00
24) Chloroform-d	5.060	84	1755172	222.057	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	1048842	206.415	ug/L	0.00
32) Benzene-d6	5.726	84	3500523	219.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	1104032	207.429	ug/L	0.00
41) Toluene-d8	7.896	98	2906640	210.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	500763	233.081	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	711287	393.926	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1680294	203.853	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1136869	235.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	922133	250.181	ug/L	99
3) Chloromethane	1.517	50	1204590	221.021	ug/L	98
5) Vinyl chloride	1.601	62	1183507	235.884	ug/L	98
6) Bromomethane	1.851	94	544205	234.742	ug/L	100
8) Chloroethane	1.919	64	534384	172.933	ug/L	98
9) Trichlorofluoromethane	2.128	101	1308403	221.759	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	801360	222.421	ug/L	99
12) 1,1-Dichloroethene	2.572	96	827561	226.274	ug/L	95
13) Acetone	2.636	43	995553	368.629	ug/L	97
14) Carbon disulfide	2.787	76	2497851	266.454	ug/L	100
15) Methyl Acetate	2.948	43	1101620	199.738	ug/L	100
16) Methylene chloride	3.041	84	1009190	174.300	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	886452	223.725	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	2899020	220.325	ug/L	100
19) 1,1-Dichloroethane	3.864	63	1683097	211.048	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	1030571	222.208	ug/L	97
22) 2-Butanone	4.707	43	1682367	404.292	ug/L	98
23) Bromochloromethane	4.970	128	513528	208.794	ug/L	98
25) Chloroform	5.086	83	1713673	208.435	ug/L	100
27) 1,2-Dichloroethane	5.793	62	1153121	178.957	ug/L	99
29) Cyclohexane	5.385	56	1487446	248.248	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	1400364	222.249	ug/L	99
31) Carbon tetrachloride	5.523	117	1127231	230.247	ug/L	99
33) Benzene	5.768	78	3613863	195.108	ug/L	100
34) Trichloroethene	6.539	95	859792	200.415	ug/L	98
35) Methylcyclohexane	6.761	83	1427279	236.428	ug/L	98
37) 1,2-Dichloropropane	6.790	63	978915	193.744	ug/L	100
38) Bromodichloromethane	7.105	83	1071157	185.855	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1475560	220.200	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	2913439	403.645	ug/L	99
42) Toluene	7.970	91	3809837	206.878	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	1376970	225.905	ug/L	99

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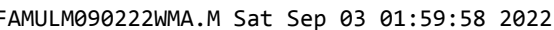
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200023

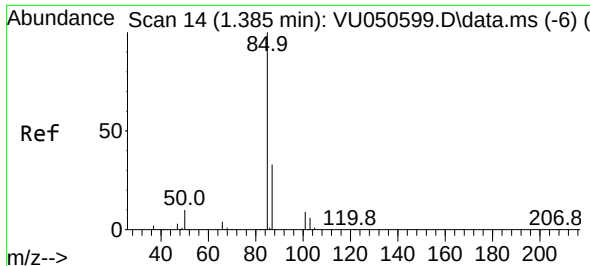
Quant Time: Sep 03 01:59:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	918624	188.980	ug/L	98
46) Tetrachloroethene	8.552	164	599409	198.177	ug/L	98
48) 2-Hexanone	8.687	43	2598095	416.657	ug/L	98
49) Dibromochloromethane	8.809	129	927448	215.598	ug/L	100
50) 1,2-Dibromoethane	8.922	107	860101	170.992	ug/L	97
51) Chlorobenzene	9.446	112	2333851	203.278	ug/L	99
52) Ethylbenzene	9.568	91	3953897	219.346	ug/L	100
53) m,p-Xylene	9.694	106	1568982	231.992	ug/L	99
54) o-Xylene	10.099	106	1542669	225.311	ug/L	98
55) Styrene	10.115	104	2667063	234.952	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	1725369	199.381	ug/L	99
59) Bromoform	10.292	173	711776	239.305	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	1276061	195.271	ug/L	100
61) Isopropylbenzene	10.484	105	3885259	244.067	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	3580279	271.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	3507335	274.739	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1419253	188.510	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1505614	196.697	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1884156	232.177	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	388684	245.543	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	1257993	239.814	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1176852	254.417	ug/L	99
71) Naphthalene	14.086	128	3887509	209.131	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	1168779	220.883	ug/L	100

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

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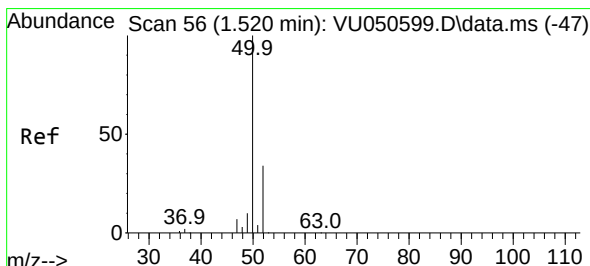
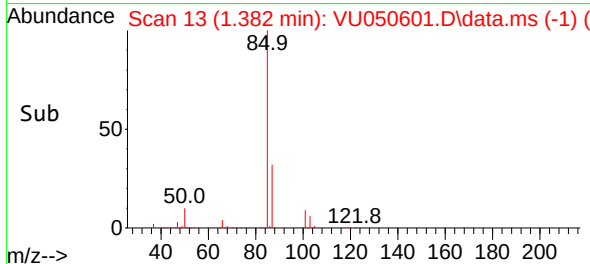
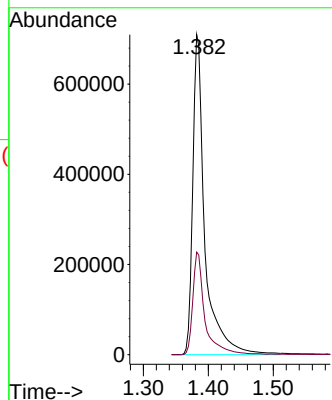
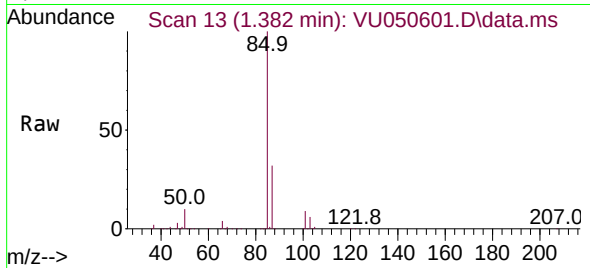




#2
Dichlorodifluoromethane
Concen: 250.181 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

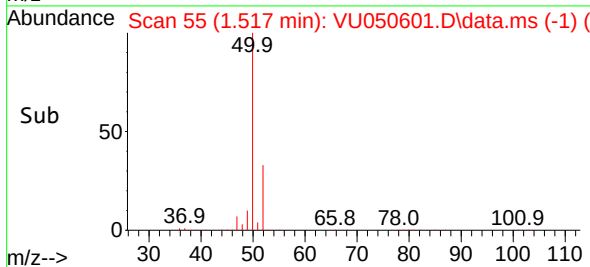
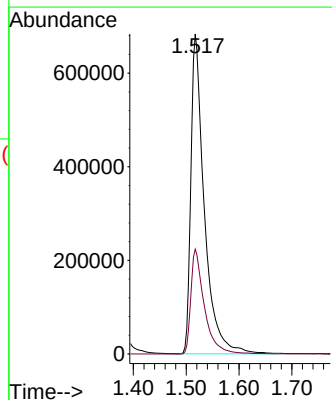
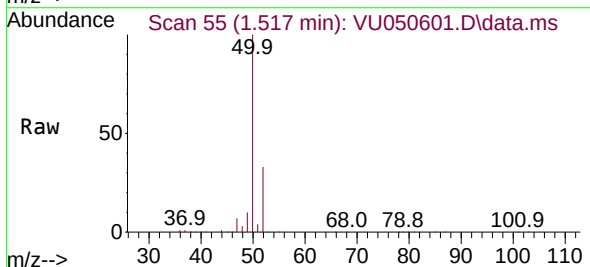
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

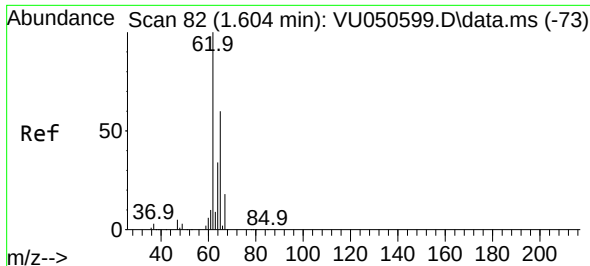
Tgt Ion: 85 Resp: 922133
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.8



#3
Chloromethane
Concen: 221.021 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 50 Resp: 1204590
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9

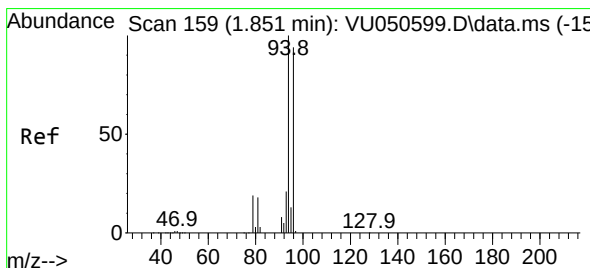
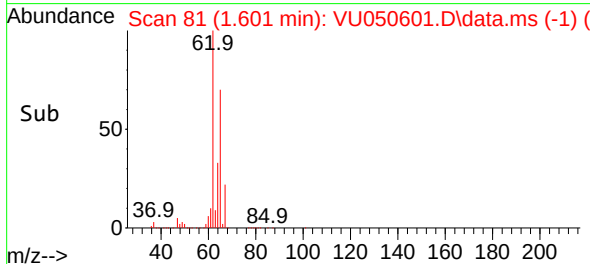
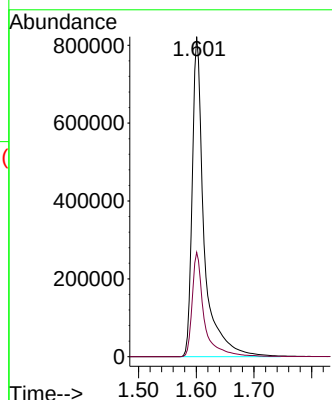
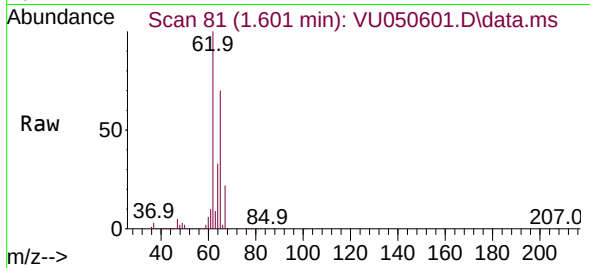




#5
 Vinyl chloride
 Concen: 235.884 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

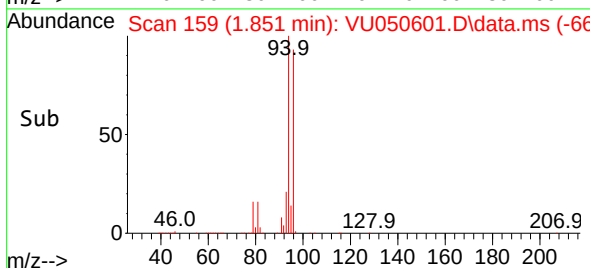
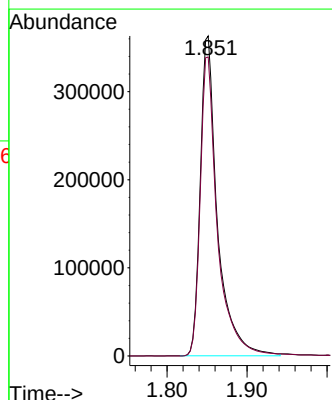
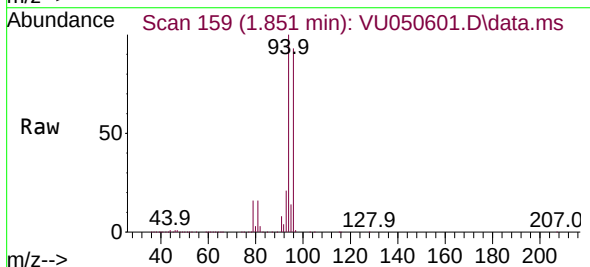
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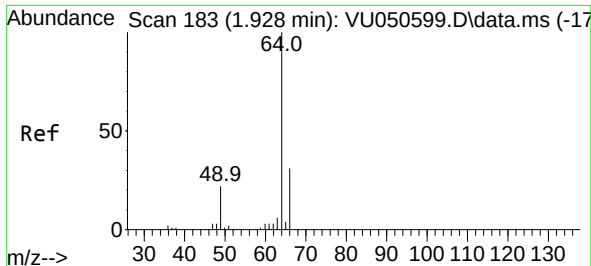
Tgt Ion: 62 Resp: 1183507
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 234.742 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

Tgt Ion: 94 Resp: 544205
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.6 121.8

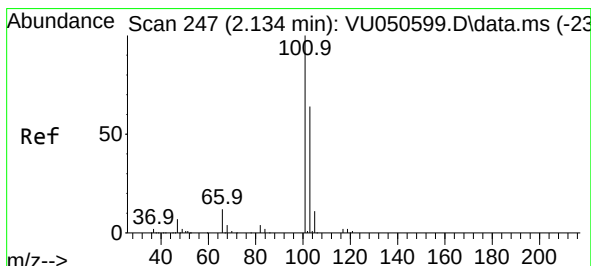
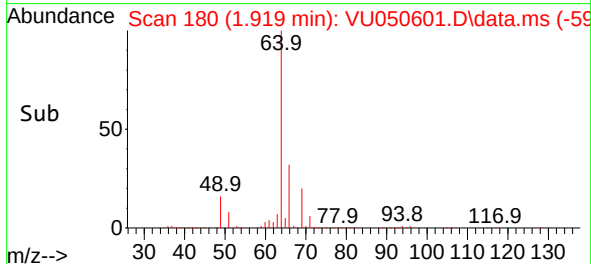
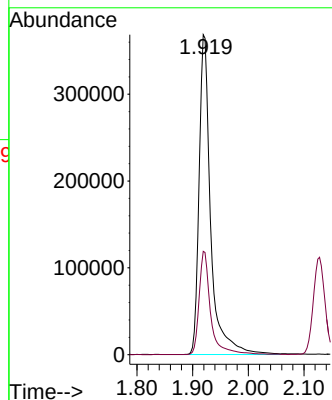
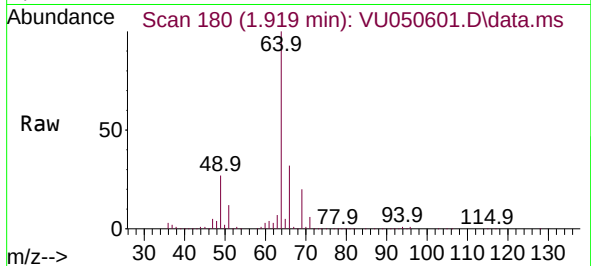




#8
Chloroethane
Concen: 172.933 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

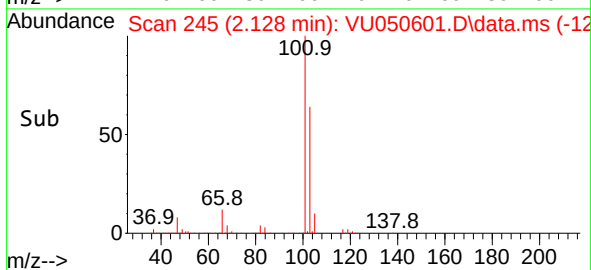
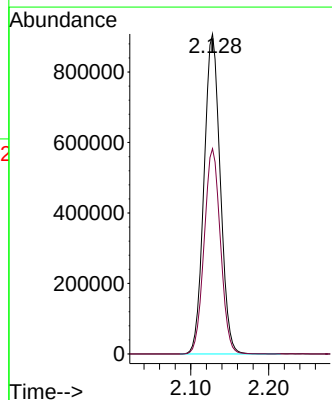
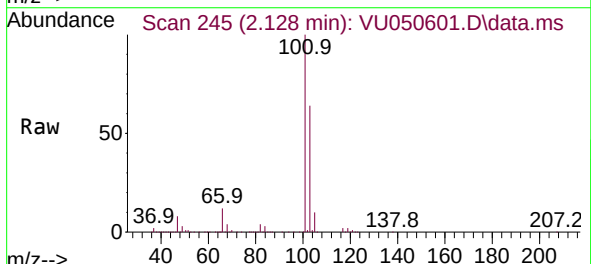
Instrument :
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VSTD200023

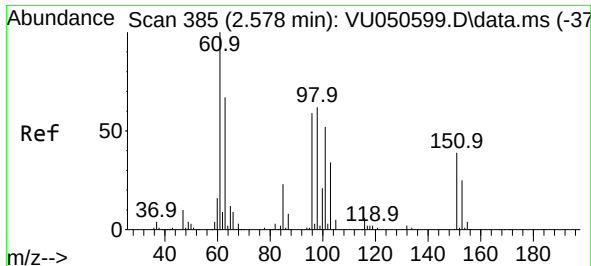
Tgt Ion: 64 Resp: 534384
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 221.759 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.006 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion:101 Resp: 1308403
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 222.421 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

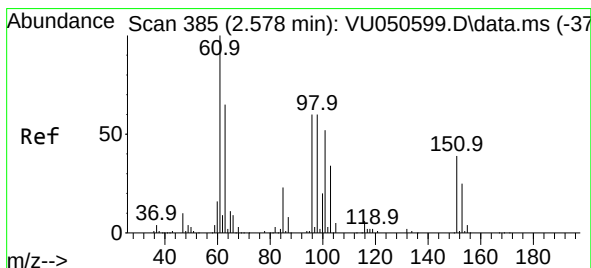
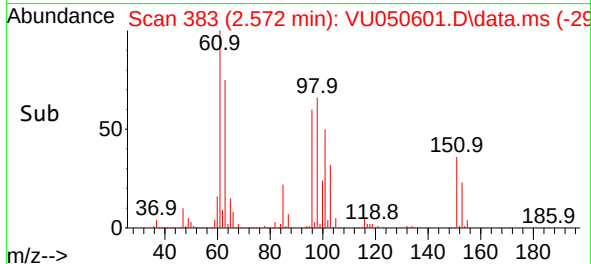
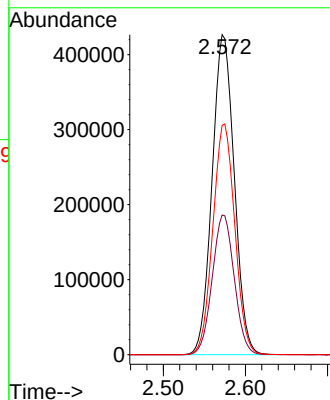
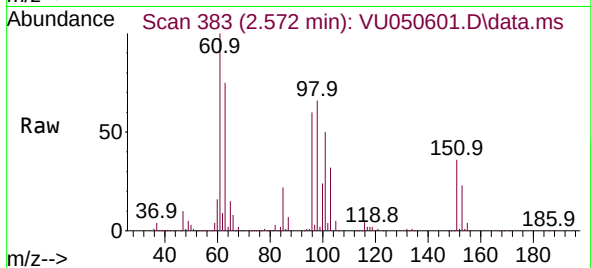
Tgt Ion:101 Resp: 801360

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

151 71.6 57.7 86.5



#12

1,1-Dichloroethene

Concen: 226.274 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

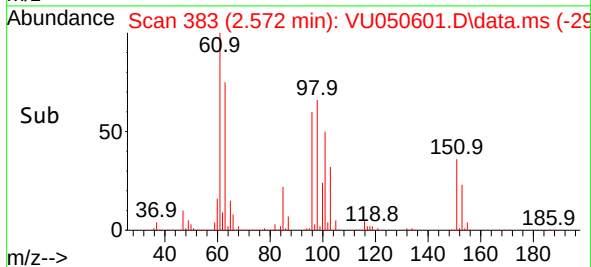
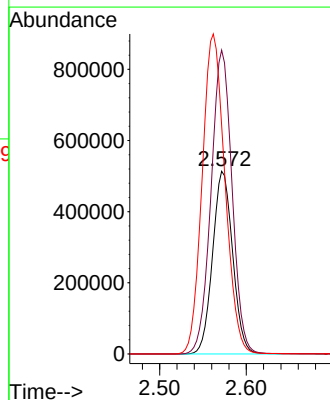
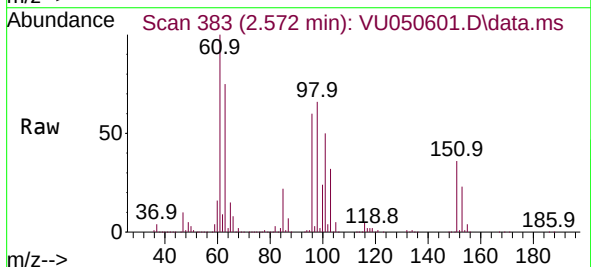
Tgt Ion: 96 Resp: 827561

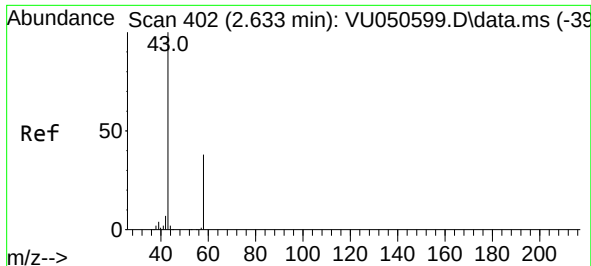
Ion Ratio Lower Upper

96 100

61 166.3 118.0 219.1

63 125.1 79.5 147.7





#13

Acetone

Concen: 368.629 ug/L

RT: 2.636 min Scan# 402

Delta R.T. 0.003 min

Lab File: VU050601.D

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ClientSampleId :

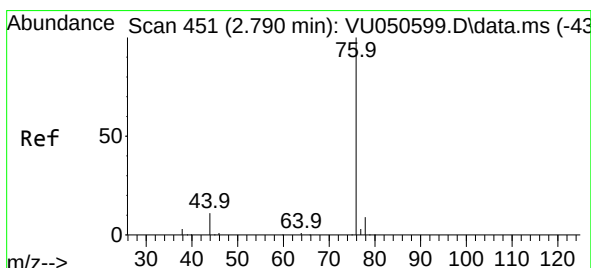
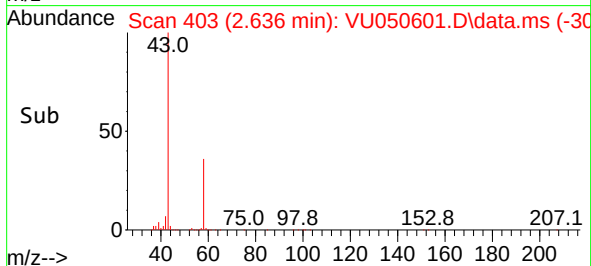
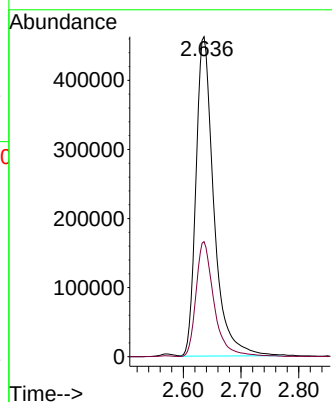
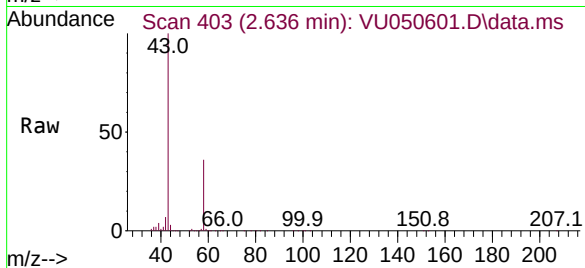
VSTD200023

Tgt Ion: 43 Resp: 995553

Ion Ratio Lower Upper

43 100

58 36.3 0.0 76.2



#14

Carbon disulfide

Concen: 266.454 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050601.D

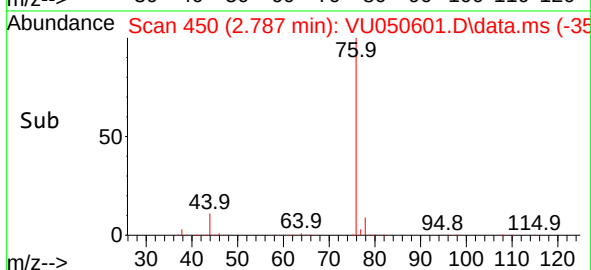
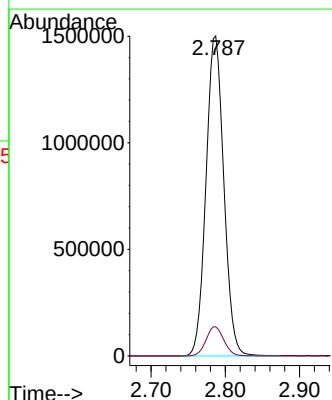
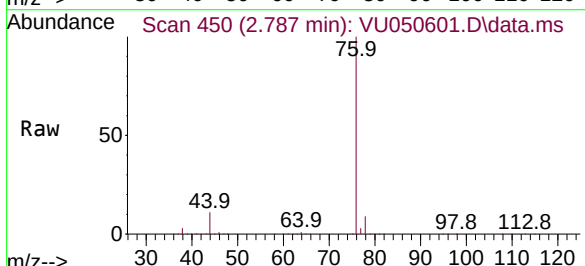
Acq: 02 Sep 2022 15:40

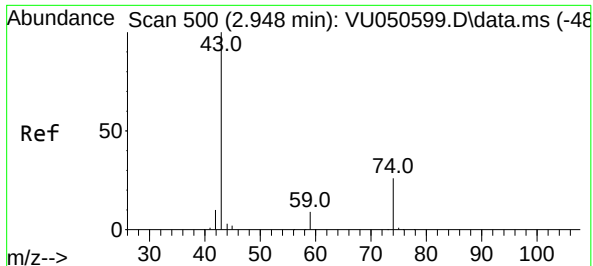
Tgt Ion: 76 Resp: 2497851

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

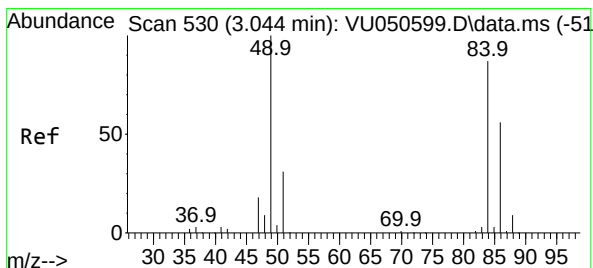
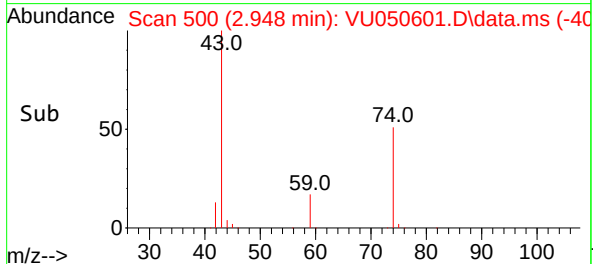
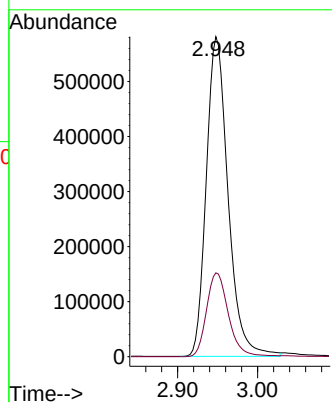
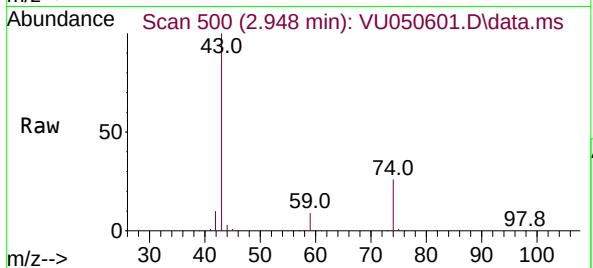




#15
Methyl Acetate
Concen: 199.738 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

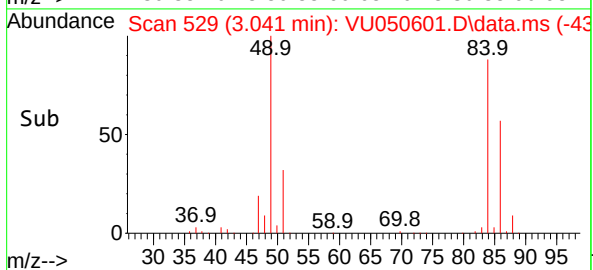
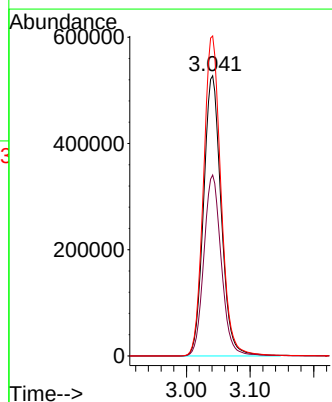
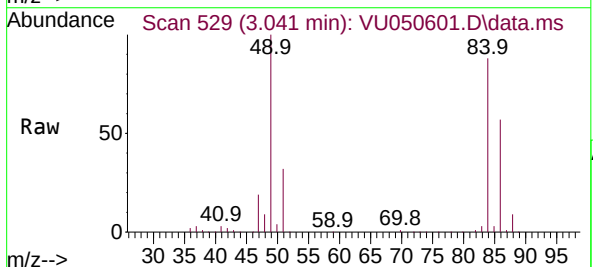
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

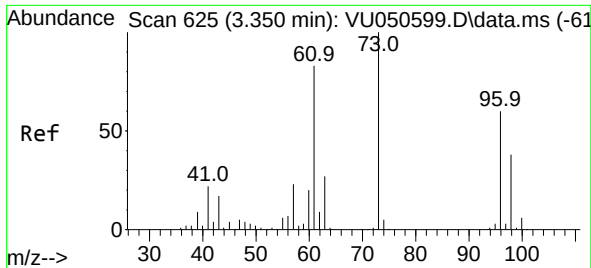
Tgt Ion: 43 Resp: 1101620
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8



#16
Methylene chloride
Concen: 174.300 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 84 Resp: 1009190
Ion Ratio Lower Upper
84 100
86 64.6 44.8 83.2
49 114.2 80.6 149.8

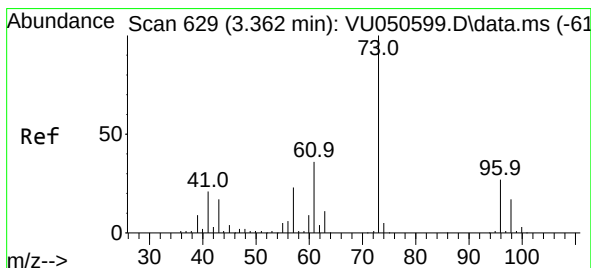
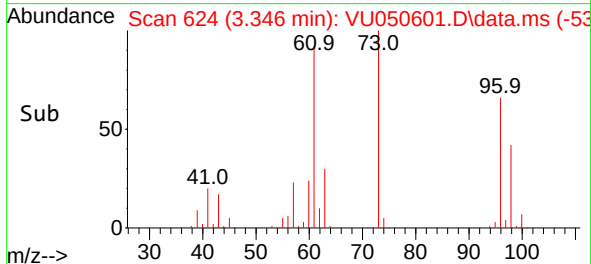
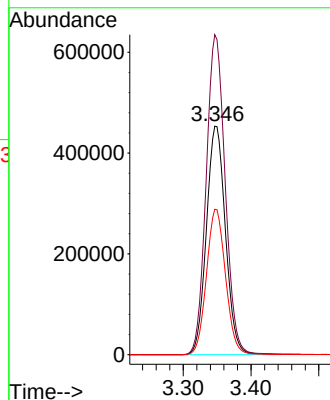
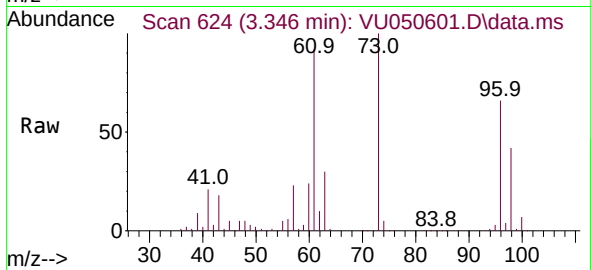




#17
trans-1,2-Dichloroethene
Concen: 223.725 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

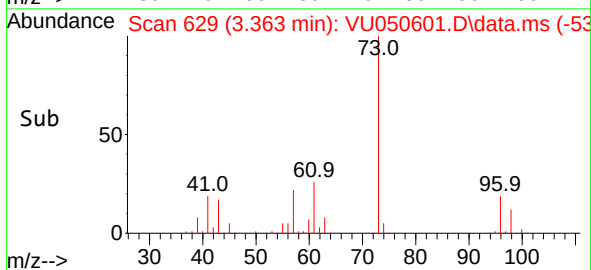
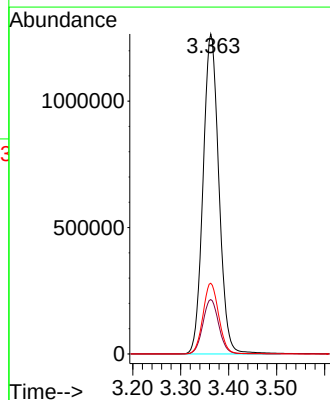
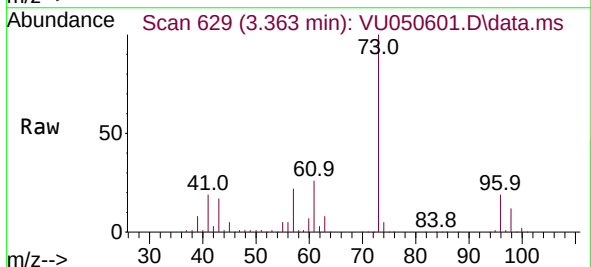
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

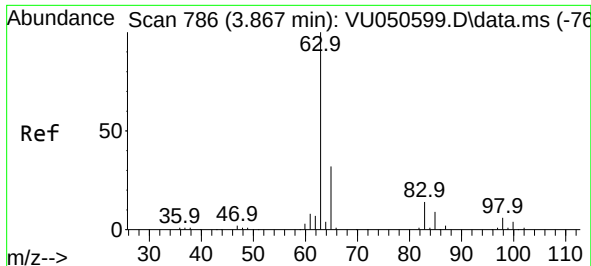
Tgt Ion: 96 Resp: 886452
Ion Ratio Lower Upper
96 100
61 140.0 97.9 181.7
98 63.7 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 220.325 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 73 Resp: 2899020
Ion Ratio Lower Upper
73 100
43 17.0 13.4 20.2
57 22.1 17.8 26.8





#19

1,1-Dichloroethane

Concen: 211.048 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

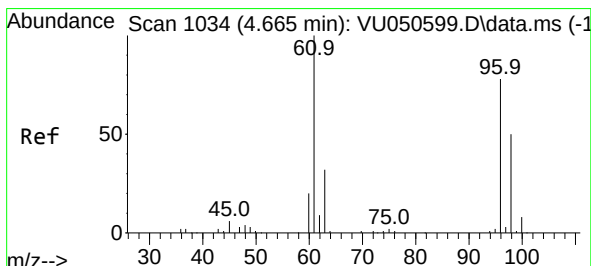
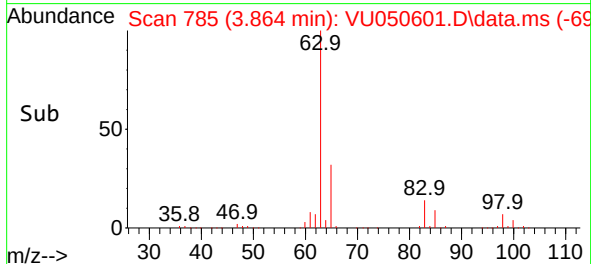
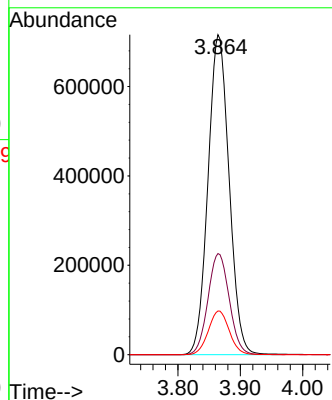
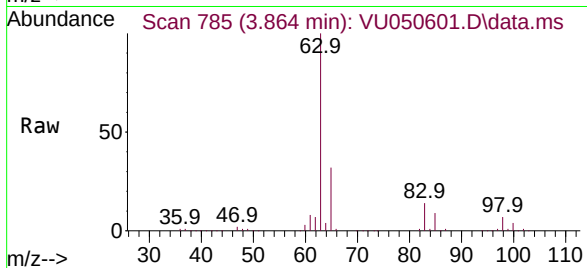
MSVOA_U

ClientSampleId :

VSTD200023

Tgt Ion: 63 Resp: 1683097

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	13.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 222.208 ug/L

RT: 4.662 min Scan# 1033

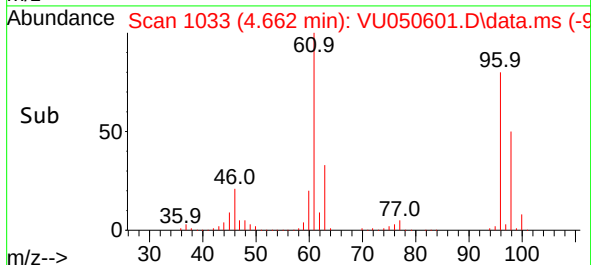
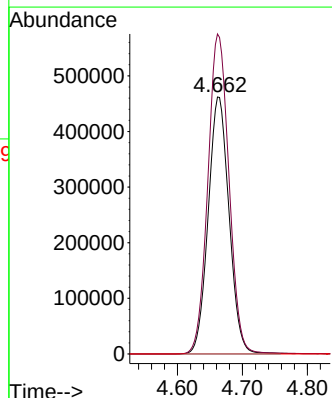
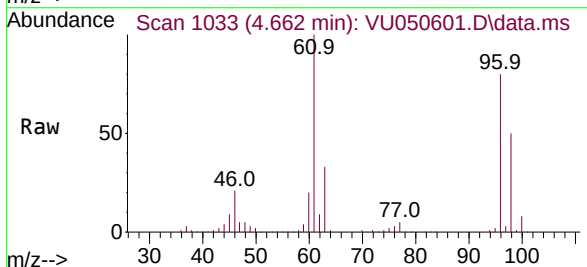
Delta R.T. -0.003 min

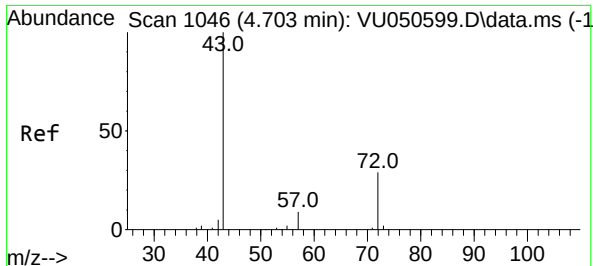
Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Tgt Ion: 96 Resp: 1030571

Ion	Ratio	Lower	Upper
96	100		
61	124.5	89.8	166.8
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 404.292 ug/L

RT: 4.707 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

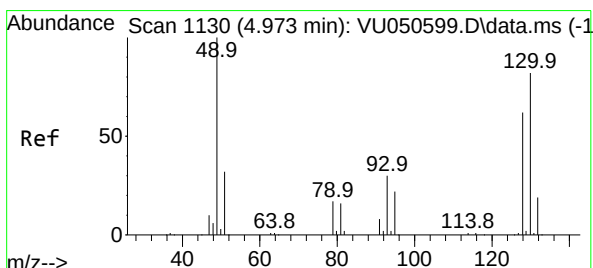
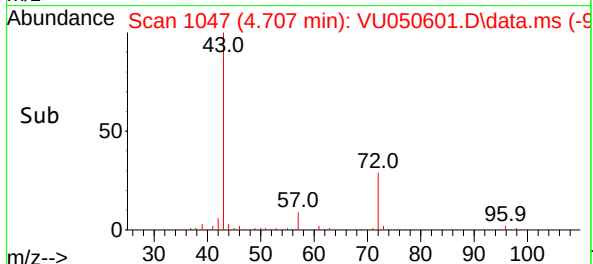
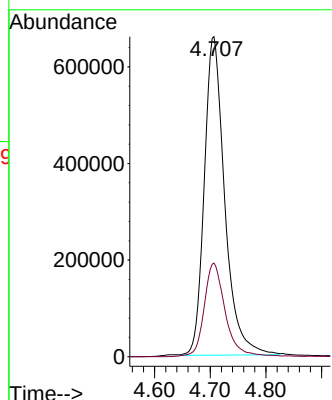
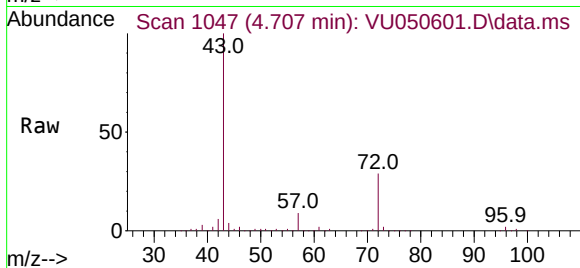
VSTD200023

Tgt Ion: 43 Resp: 1682367

Ion Ratio Lower Upper

43 100

72 30.3 14.6 44.0



#23

Bromochloromethane

Concen: 208.794 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Tgt Ion:128 Resp: 513528

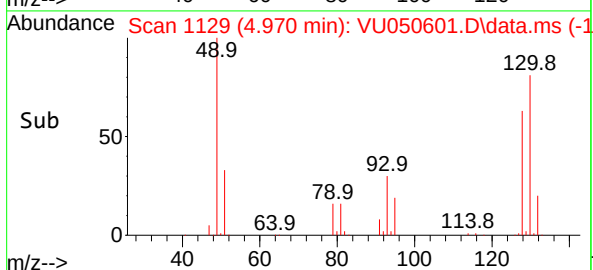
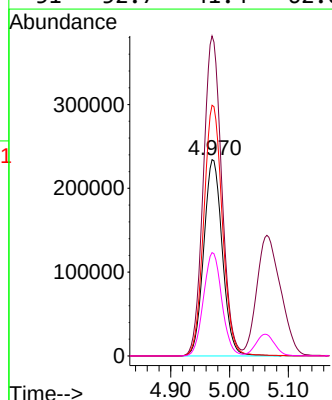
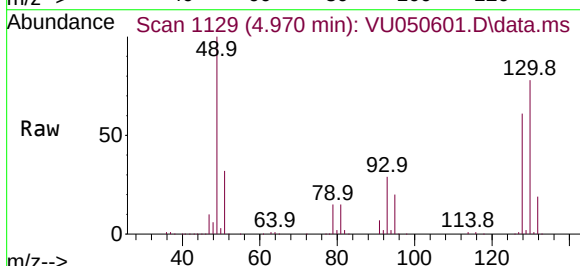
Ion Ratio Lower Upper

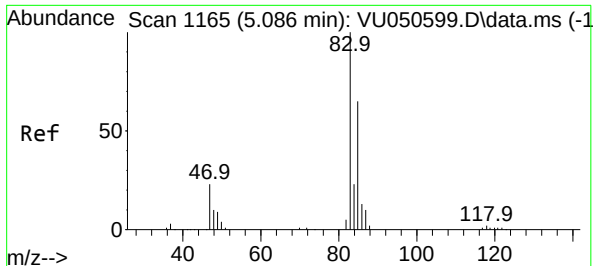
128 100

49 163.1 112.5 208.9

130 127.8 91.8 170.4

51 52.7 41.4 62.0





#25

Chloroform

Concen: 208.435 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

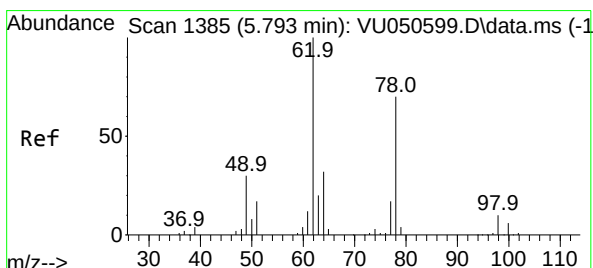
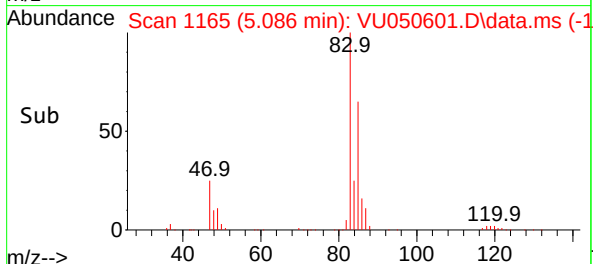
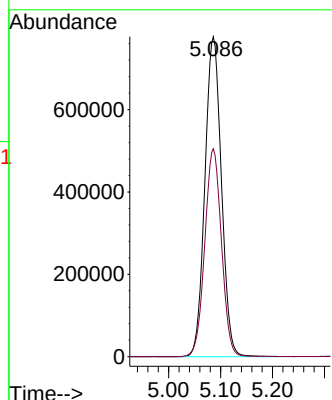
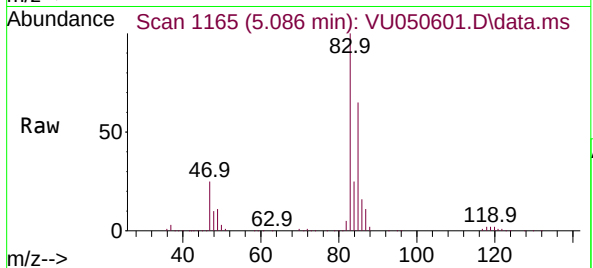
VSTD200023

Tgt Ion: 83 Resp: 1713673

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.8



#27

1,2-Dichloroethane

Concen: 178.957 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050601.D

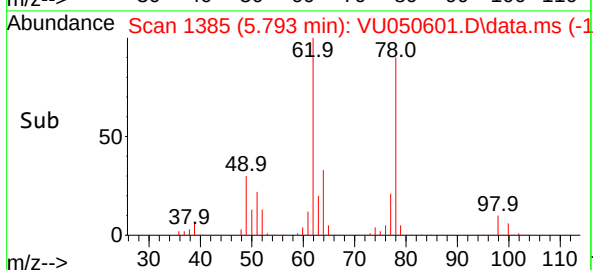
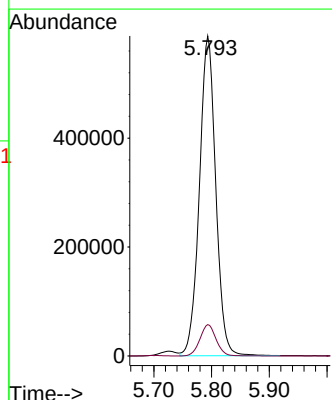
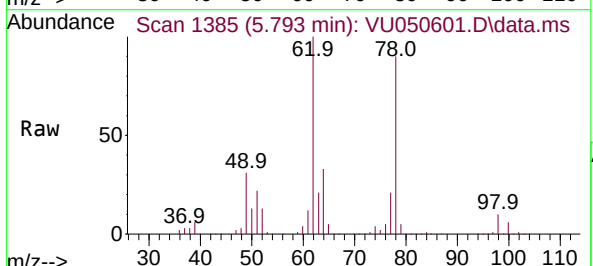
Acq: 02 Sep 2022 15:40

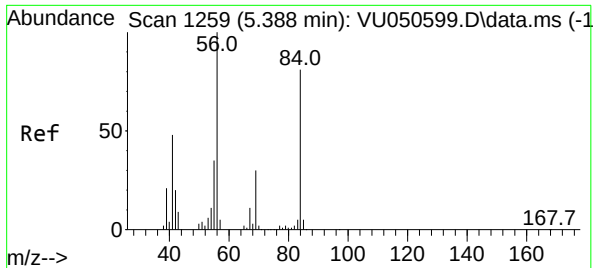
Tgt Ion: 62 Resp: 1153121

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 248.248 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

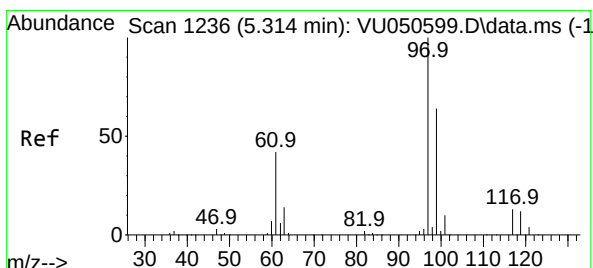
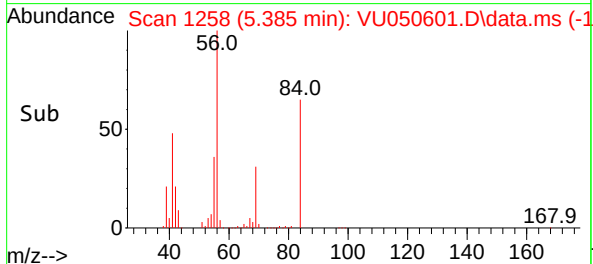
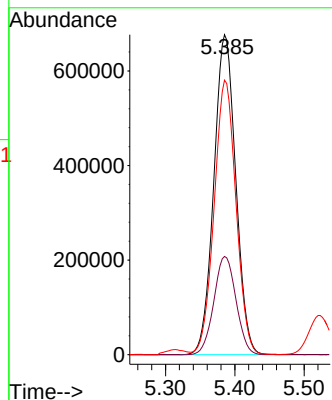
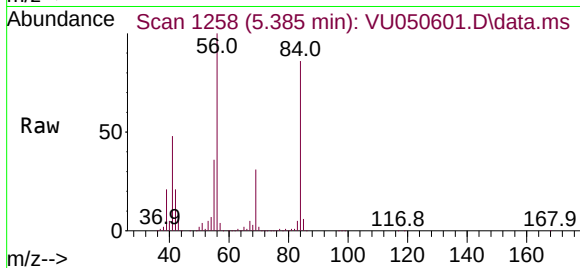
Tgt Ion: 56 Resp: 1487446

Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 85.7 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 222.249 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

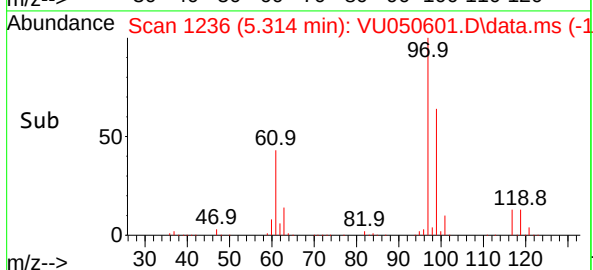
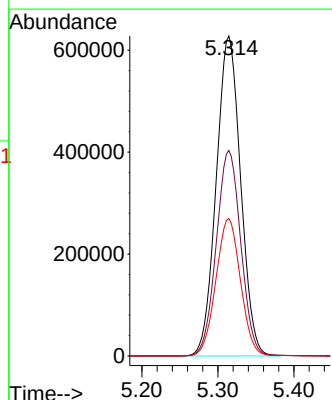
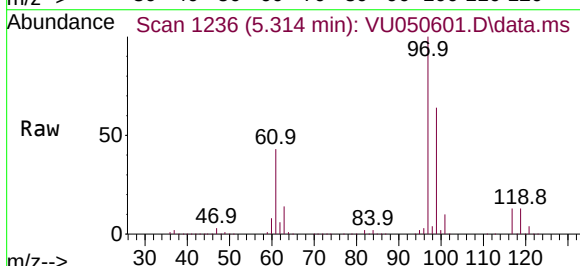
Tgt Ion: 97 Resp: 1400364

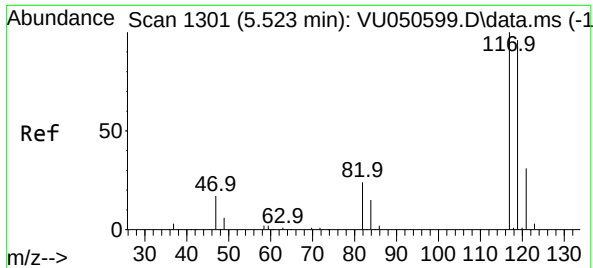
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 43.2 34.2 51.4

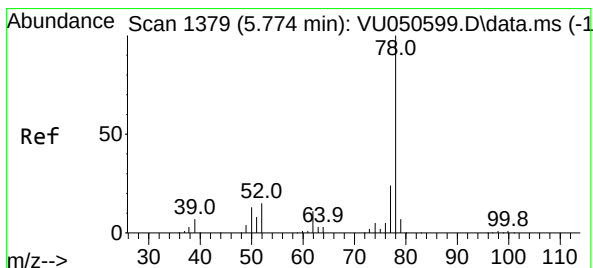
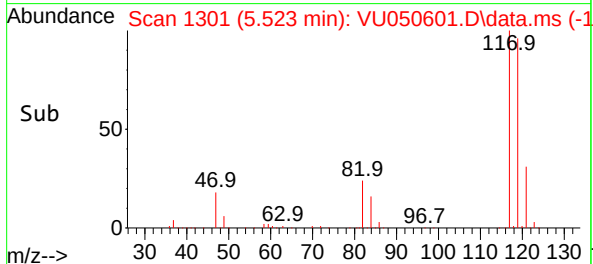
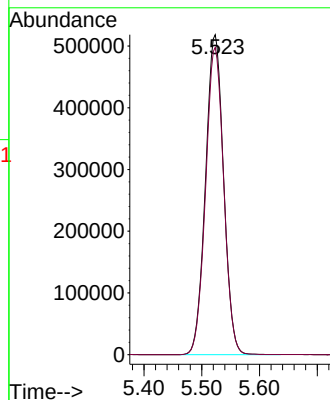
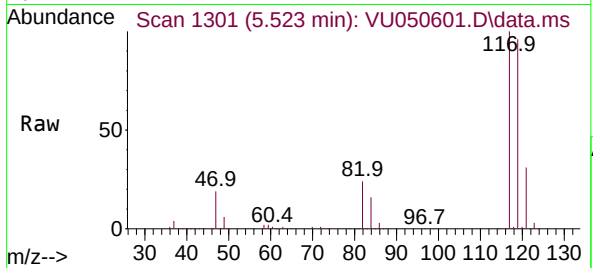




#31
Carbon tetrachloride
Concen: 230.247 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

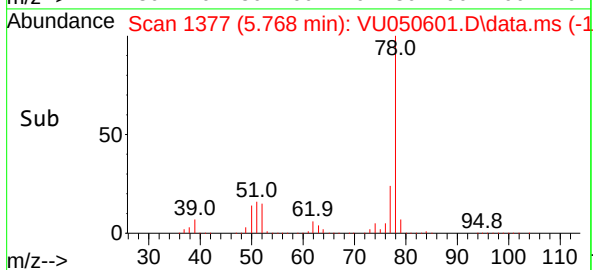
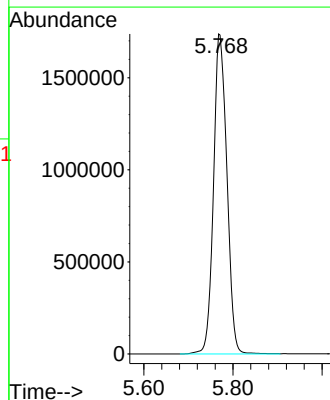
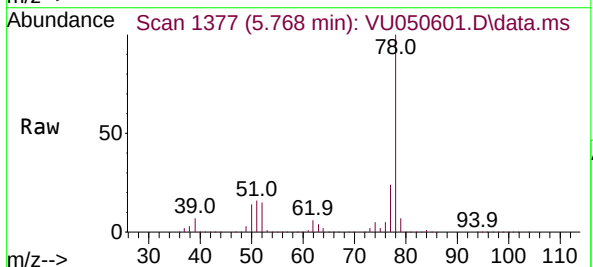
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

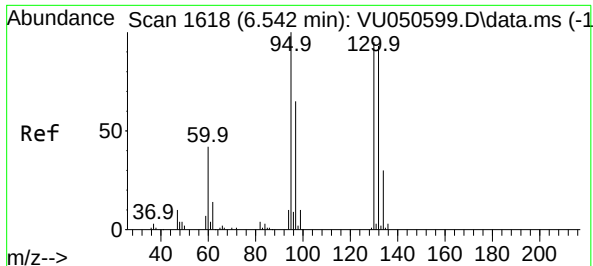
Tgt Ion:117 Resp: 1127231
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2



#33
Benzene
Concen: 195.108 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 78 Resp: 3613863





#34

Trichloroethene

Concen: 200.415 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

Tgt Ion: 95 Resp: 859792

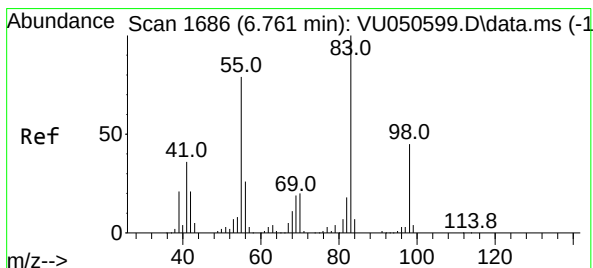
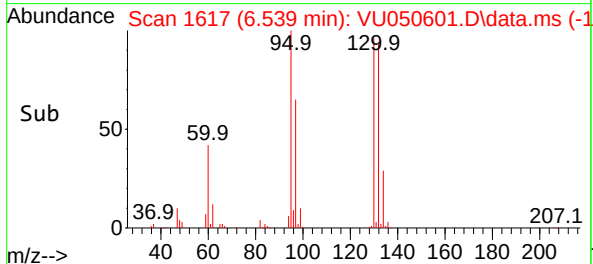
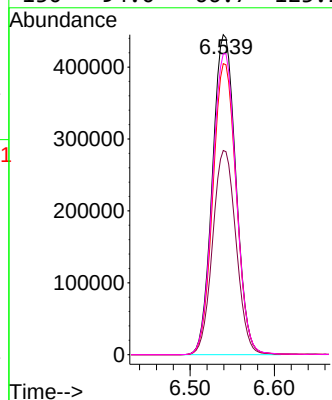
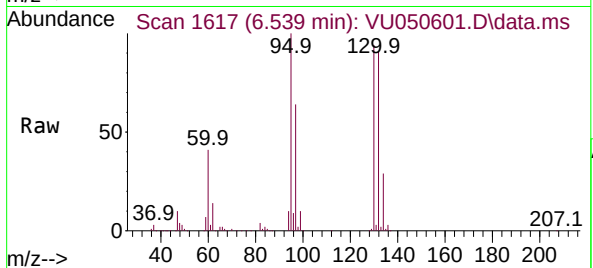
Ion Ratio Lower Upper

95 100

97 63.8 45.4 84.2

132 91.0 65.2 121.2

130 94.0 66.7 123.9



#35

Methylcyclohexane

Concen: 236.428 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

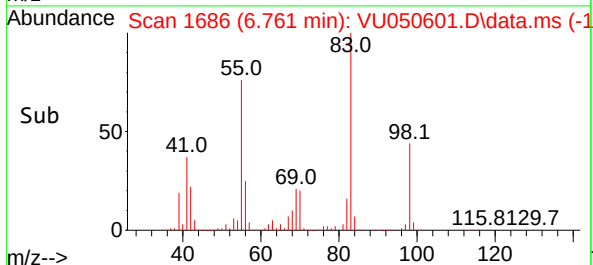
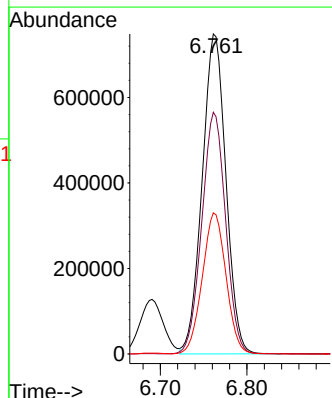
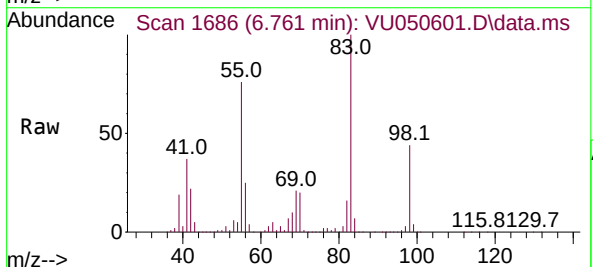
Tgt Ion: 83 Resp: 1427279

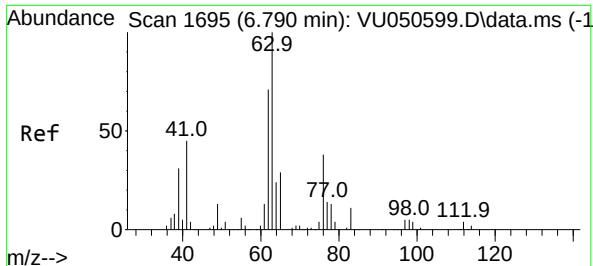
Ion Ratio Lower Upper

83 100

55 75.7 62.6 93.8

98 44.1 35.5 53.3





#37

1,2-Dichloropropane

Concen: 193.744 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

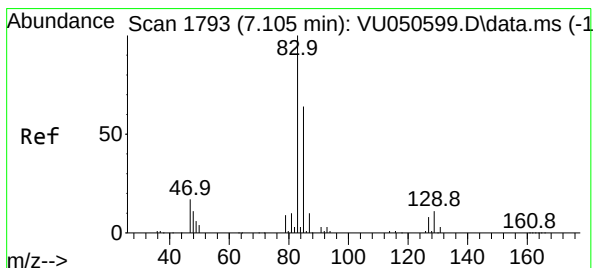
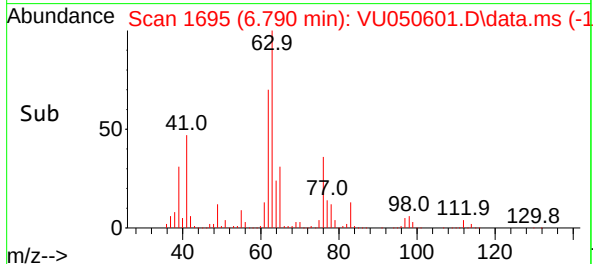
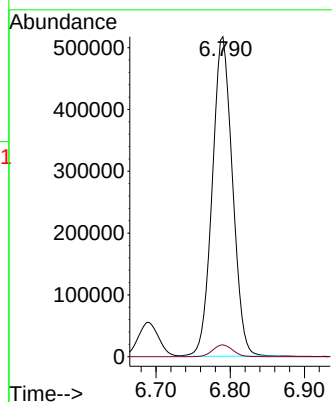
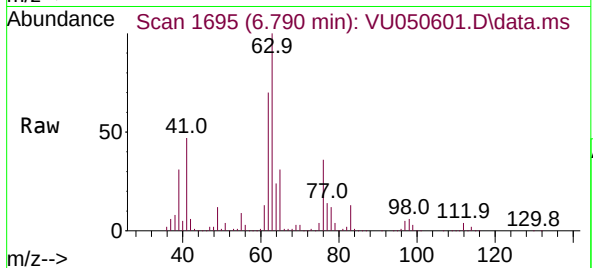
VSTD200023

Tgt Ion: 63 Resp: 978915

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 185.855 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

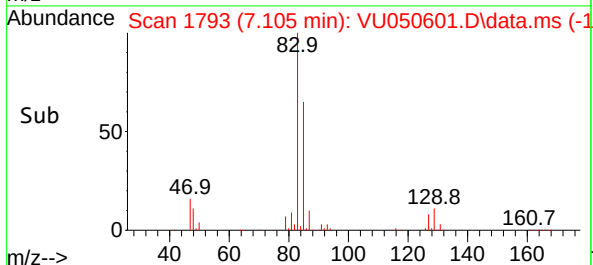
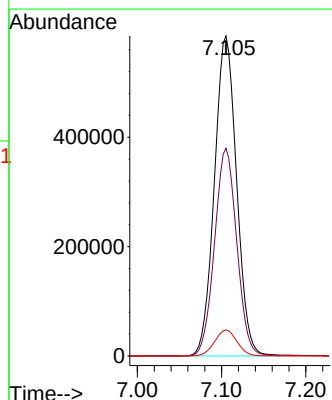
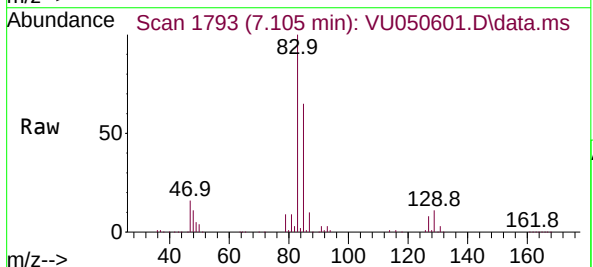
Tgt Ion: 83 Resp: 1071157

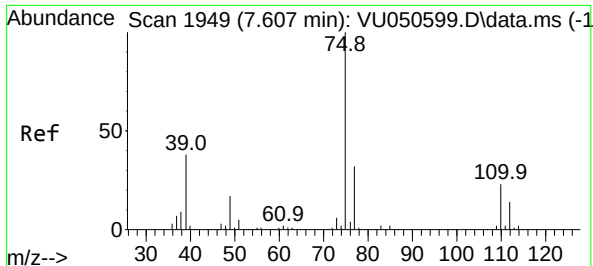
Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.5

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 220.200 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

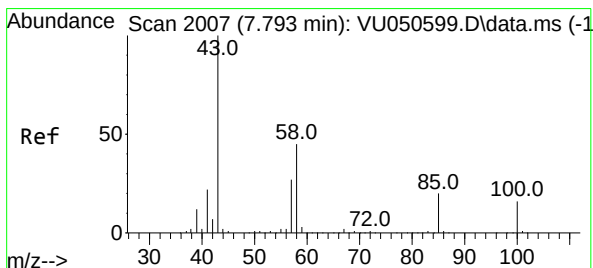
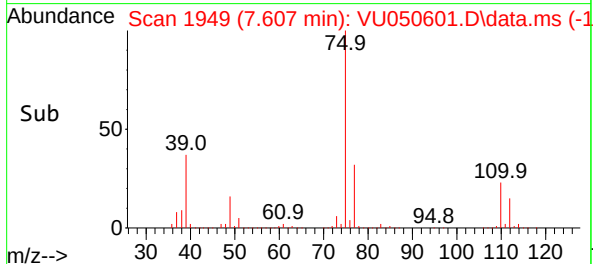
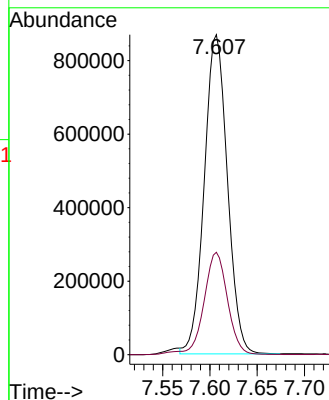
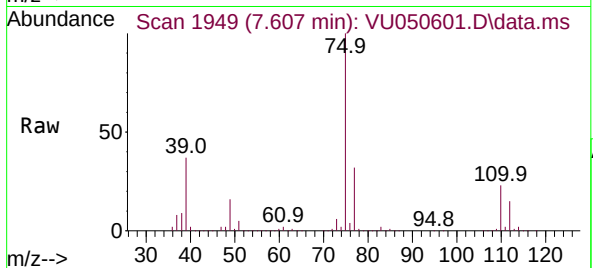
VSTD200023

Tgt Ion: 75 Resp: 1475560

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 403.645 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

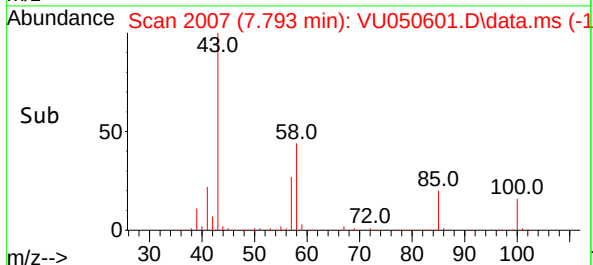
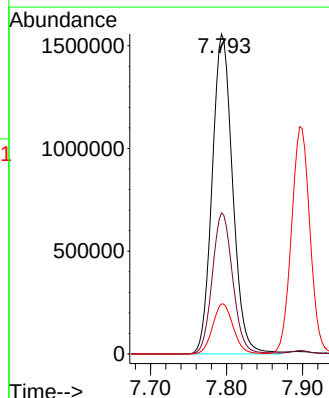
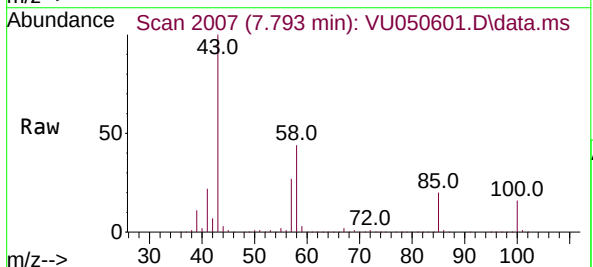
Tgt Ion: 43 Resp: 2913439

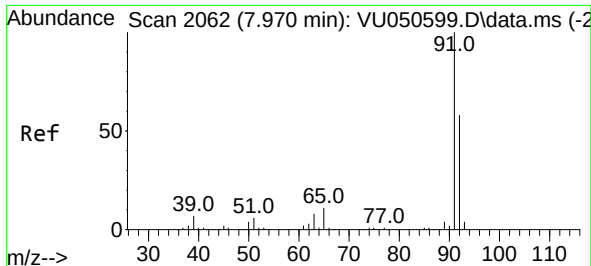
Ion Ratio Lower Upper

43 100

58 44.2 35.1 52.7

100 15.8 12.9 19.3





#42

Toluene

Concen: 206.878 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

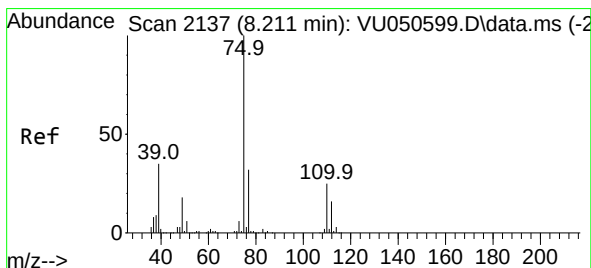
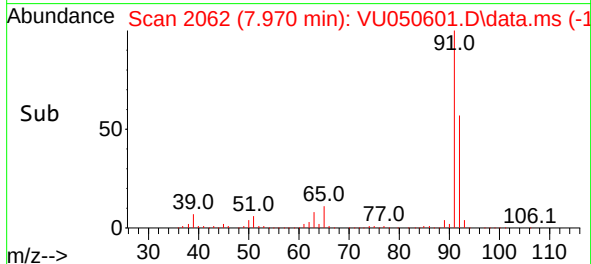
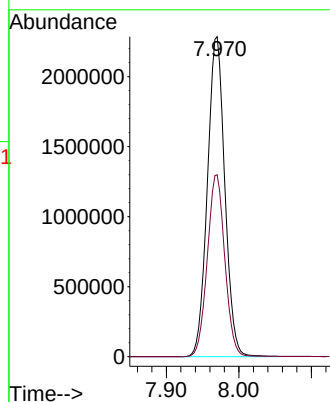
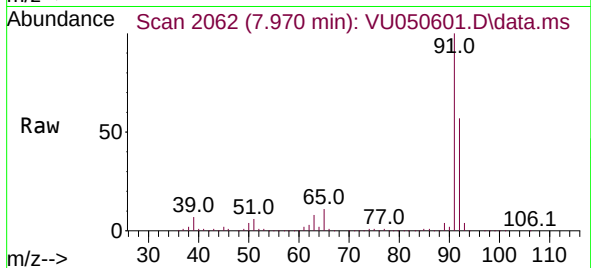
VSTD200023

Tgt Ion: 91 Resp: 3809837

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 225.905 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050601.D

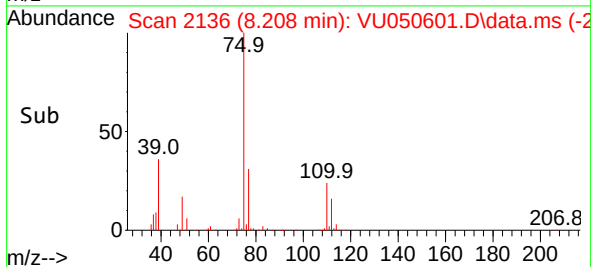
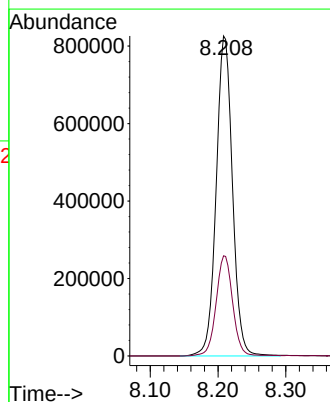
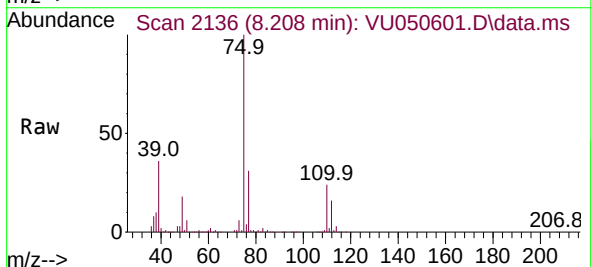
Acq: 02 Sep 2022 15:40

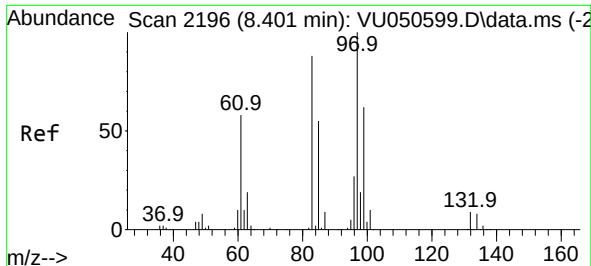
Tgt Ion: 75 Resp: 1376970

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



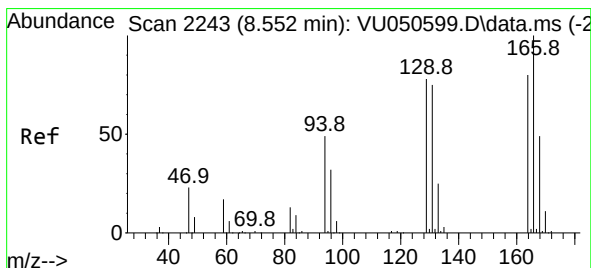
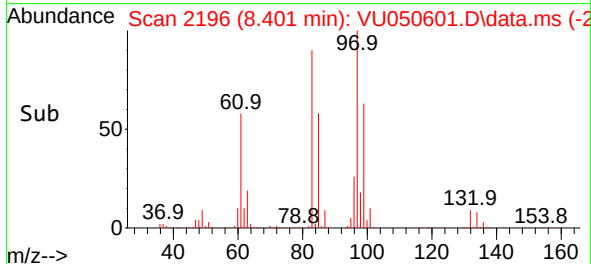
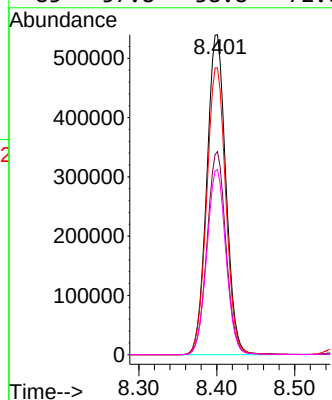
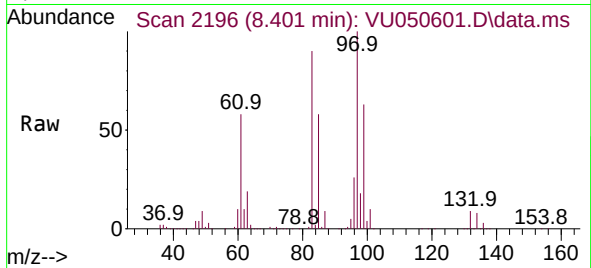


#45
1,1,2-Trichloroethane
Concen: 188.980 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

Tgt Ion: 97 Resp: 918624

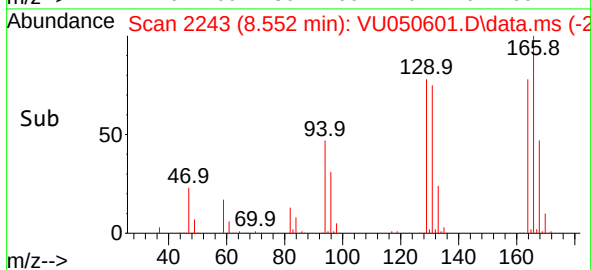
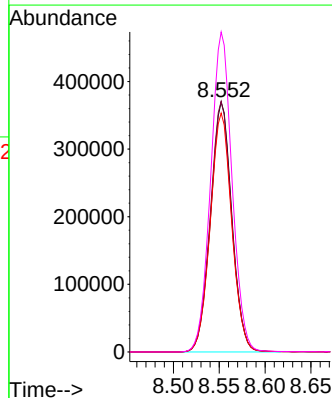
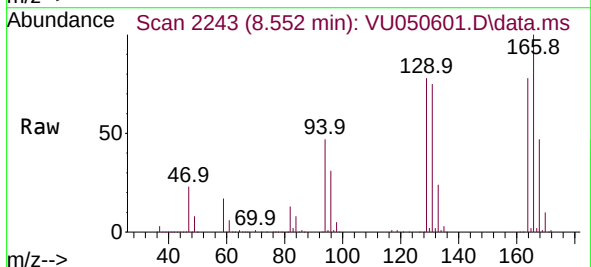
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.5	80.9
83	89.7	61.6	114.4
85	57.8	38.8	72.0

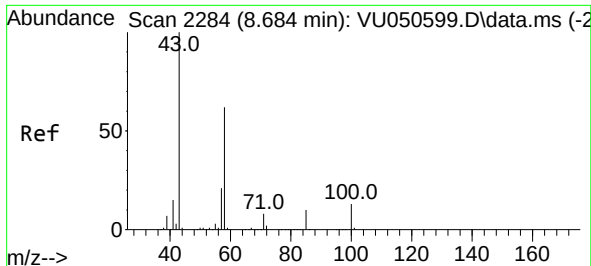


#46
Tetrachloroethene
Concen: 198.177 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 164 Resp: 599409

Ion	Ratio	Lower	Upper
164	100		
129	100.3	68.7	127.5
131	95.6	66.2	123.0
166	128.1	87.7	162.9



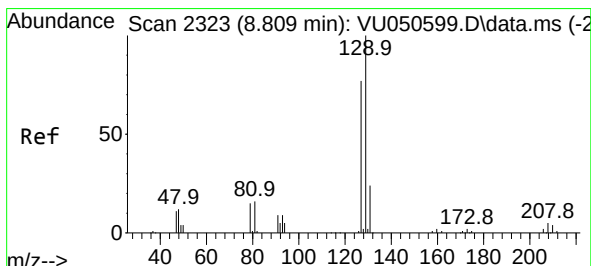
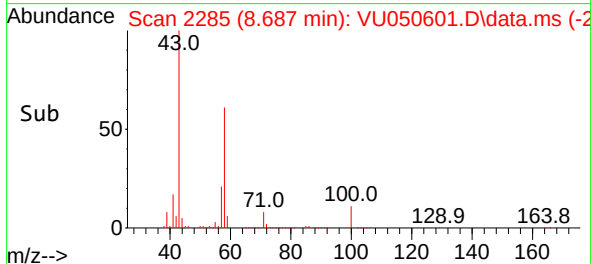
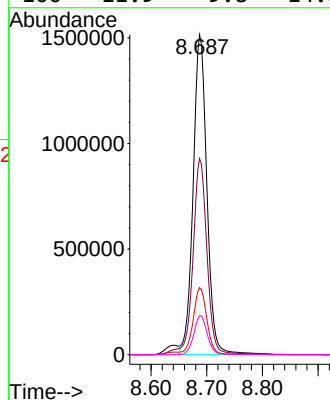
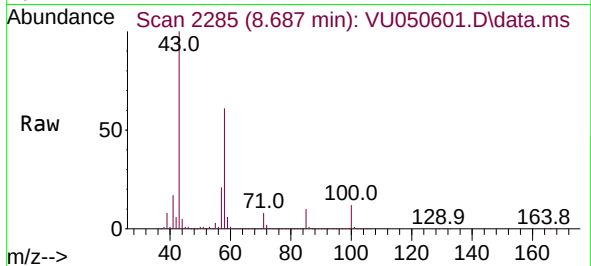


#48
2-Hexanone
Concen: 416.657 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

Tgt Ion: 43 Resp: 2598095

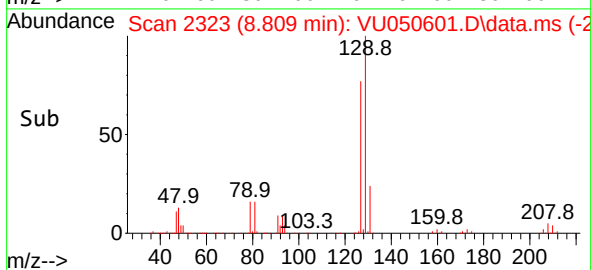
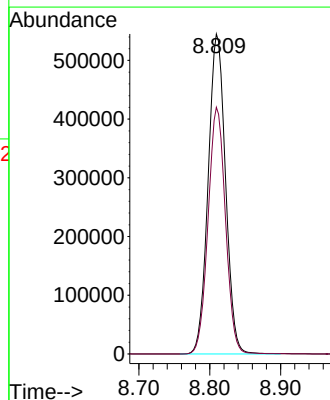
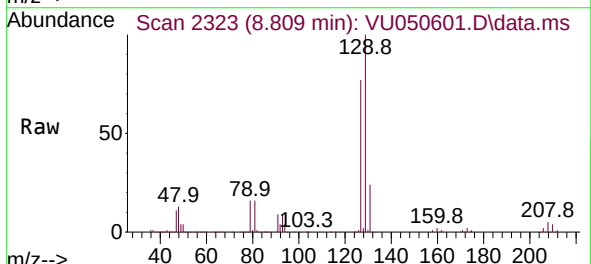
Ion	Ratio	Lower	Upper
43	100		
58	63.0	51.8	77.6
57	20.4	17.0	25.4
100	11.9	9.8	14.8

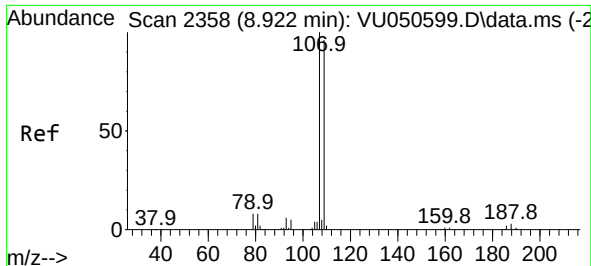


#49
Dibromochloromethane
Concen: 215.598 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 129 Resp: 927448

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.8	100.0

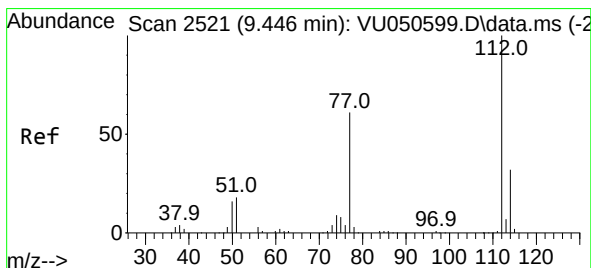
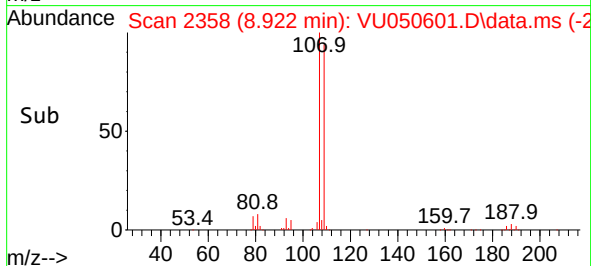
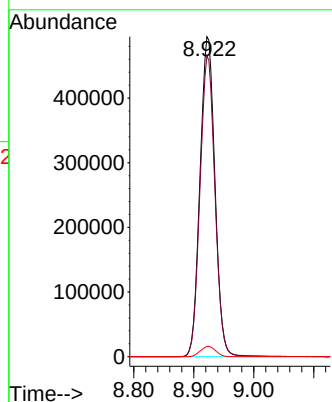
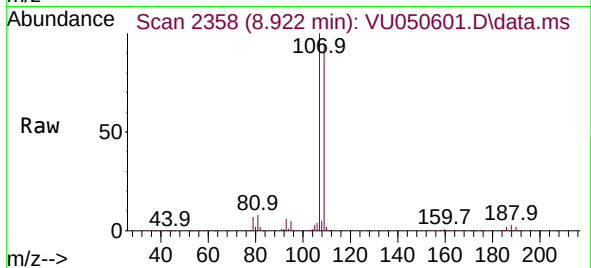




#50
1,2-Dibromoethane
Concen: 170.992 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

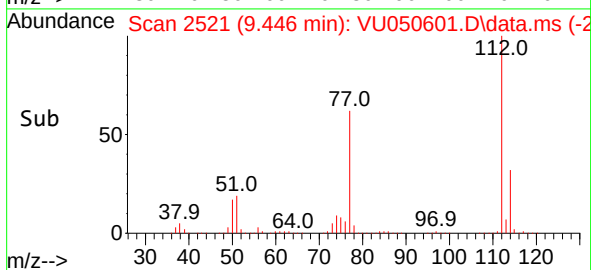
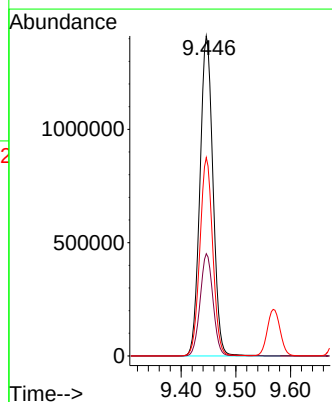
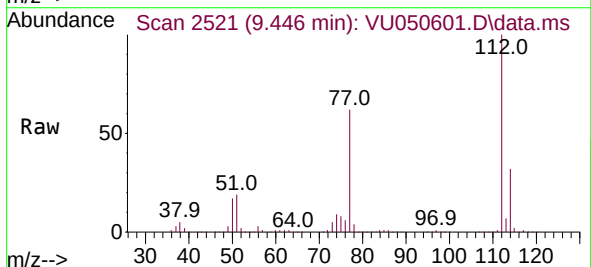
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

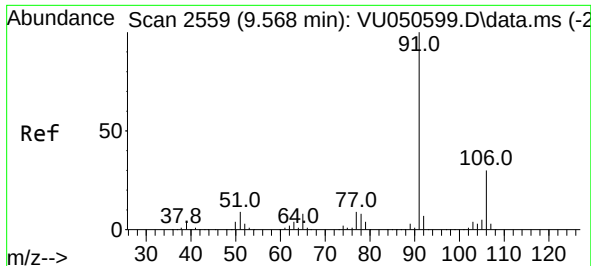
Tgt Ion:107 Resp: 860101
Ion Ratio Lower Upper
107 100
109 94.0 67.5 125.4
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 203.278 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion:112 Resp: 2333851
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 62.0 49.2 73.8

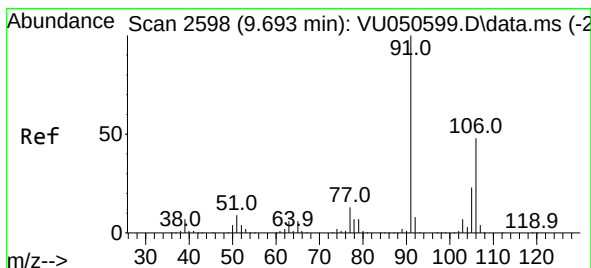
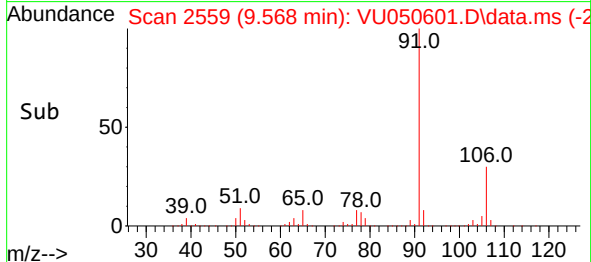
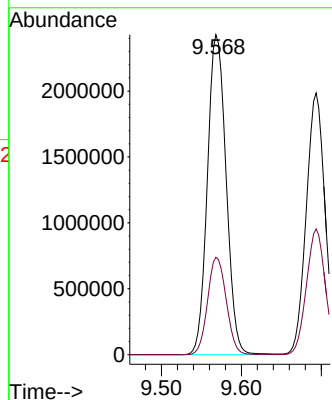
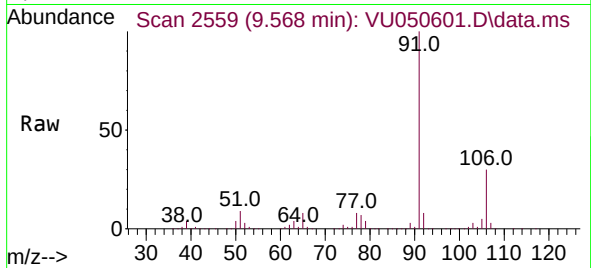




#52
Ethylbenzene
Concen: 219.346 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

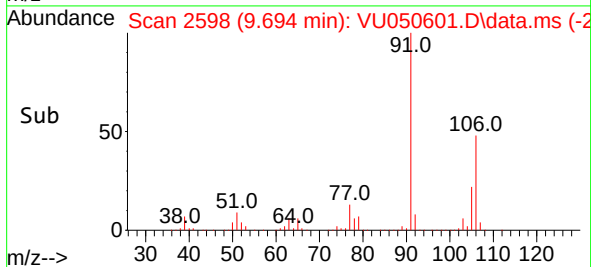
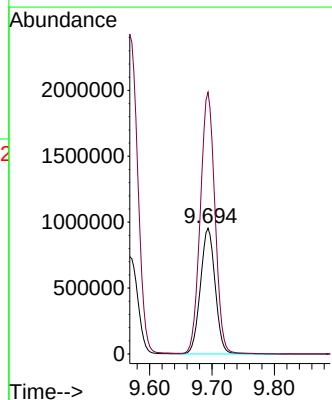
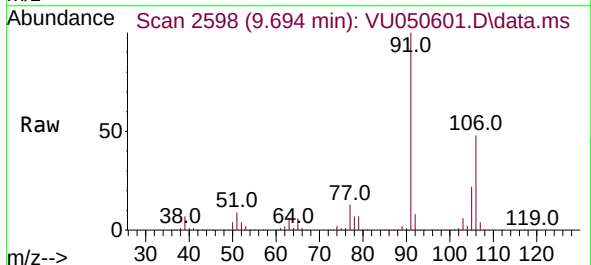
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

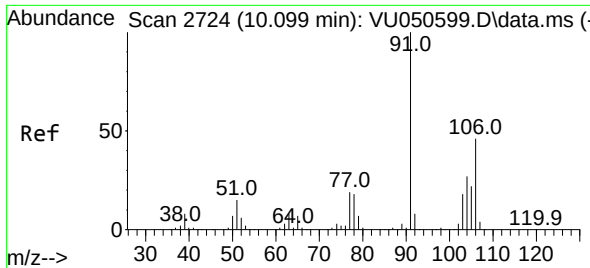
Tgt Ion: 91 Resp: 3953897
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 231.992 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 106 Resp: 1568982
Ion Ratio Lower Upper
106 100
91 208.1 147.1 273.3

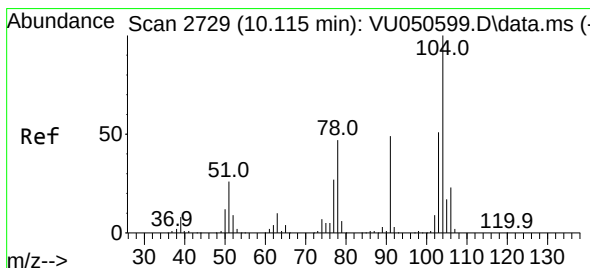
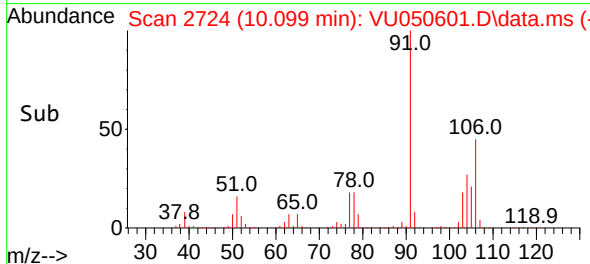
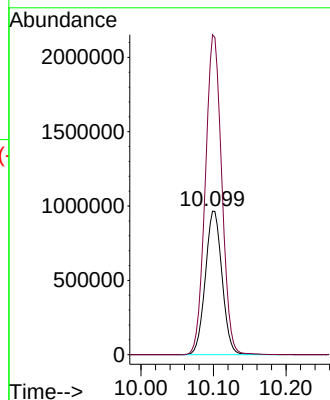
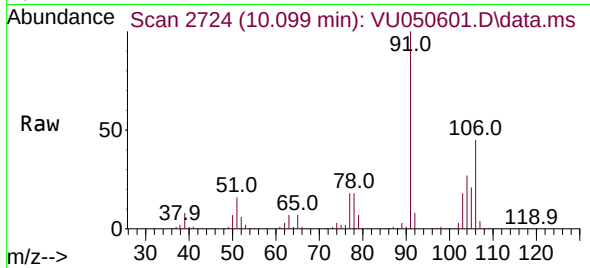




#54
o-Xylene
Concen: 225.311 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

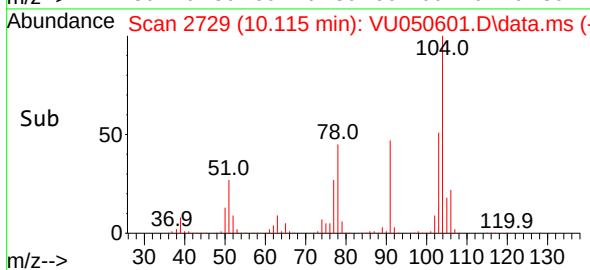
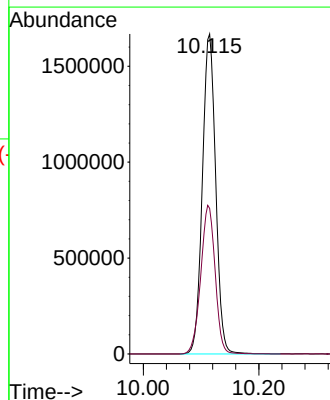
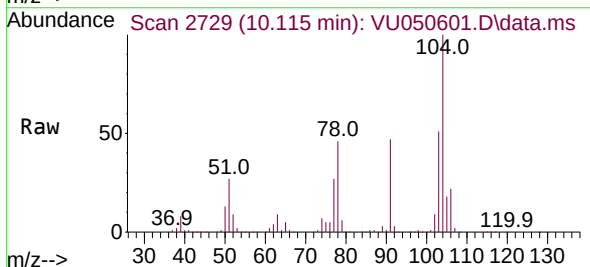
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

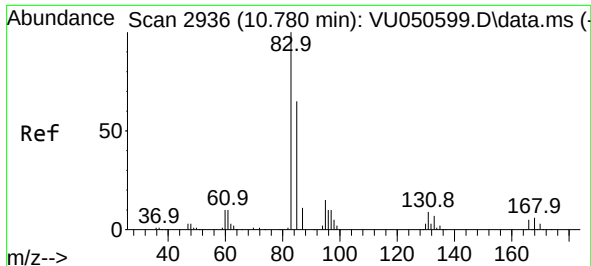
Tgt Ion:106 Resp: 1542669
Ion Ratio Lower Upper
106 100
91 222.8 153.4 284.8



#55
Styrene
Concen: 234.952 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion:104 Resp: 2667063
Ion Ratio Lower Upper
104 100
78 45.5 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 199.381 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

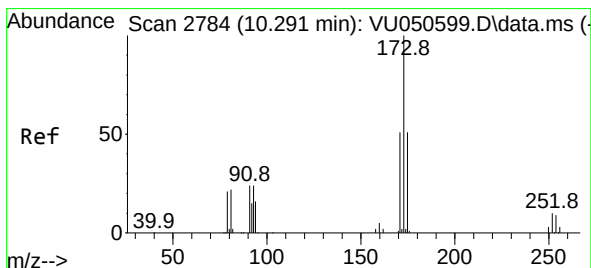
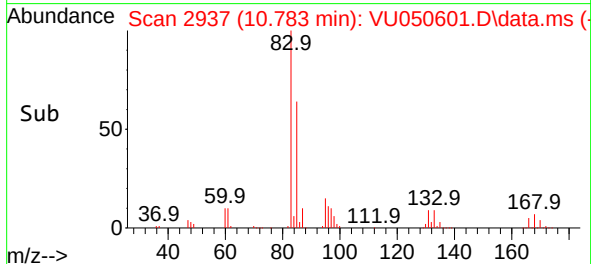
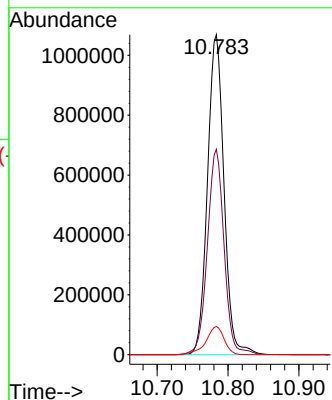
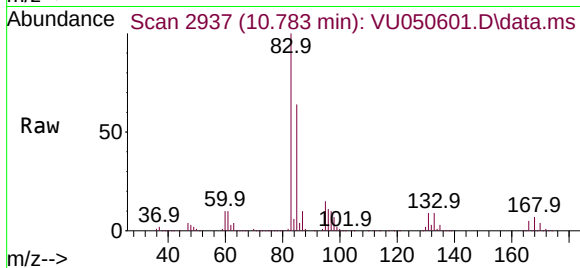
Tgt Ion: 83 Resp: 1725369

Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5

131 8.8 7.7 11.5



#59

Bromoform

Concen: 239.305 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

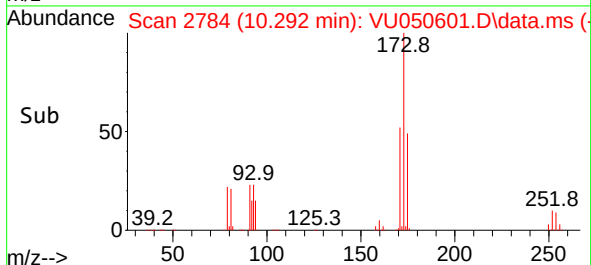
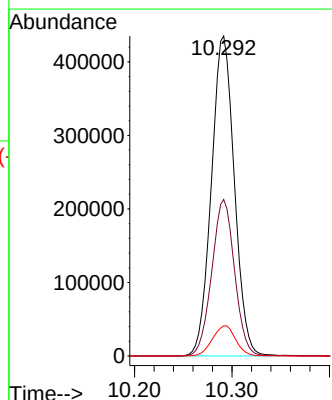
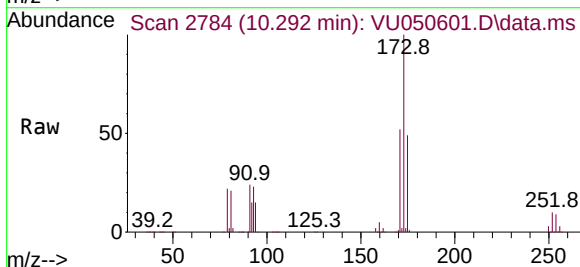
Tgt Ion:173 Resp: 711776

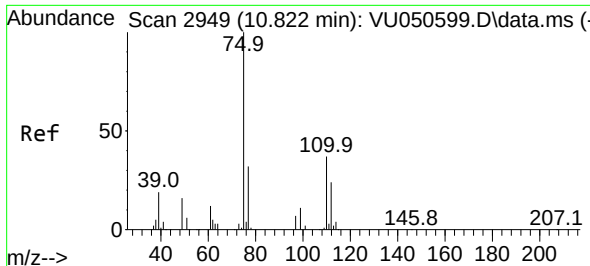
Ion Ratio Lower Upper

173 100

175 48.5 40.0 60.0

254 9.6 7.4 11.0

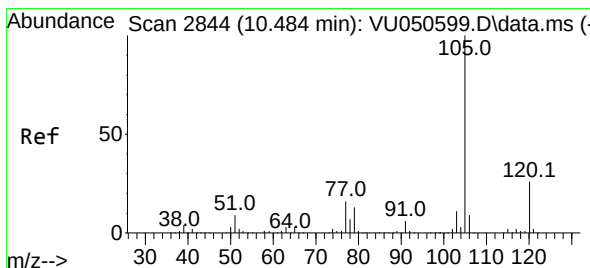
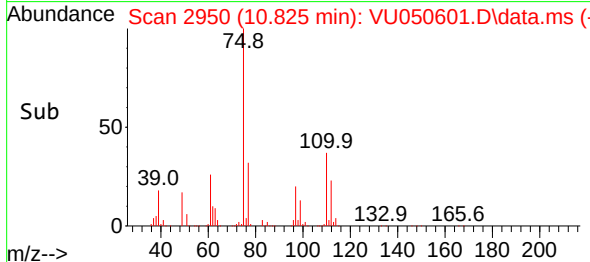
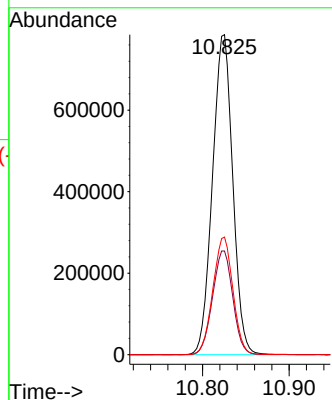
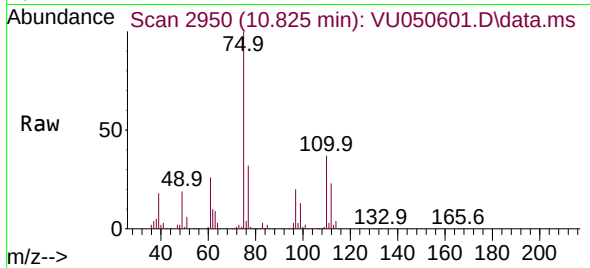




#60
1,2,3-Trichloropropane
Concen: 195.271 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

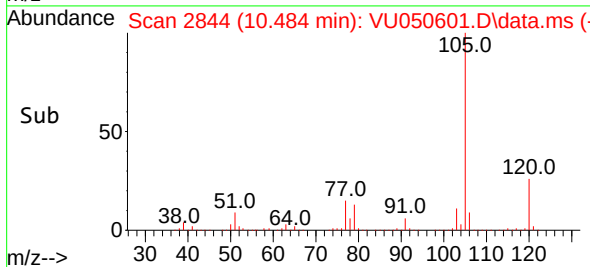
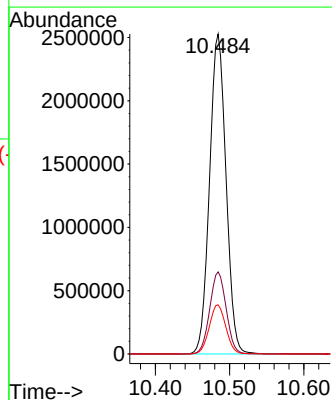
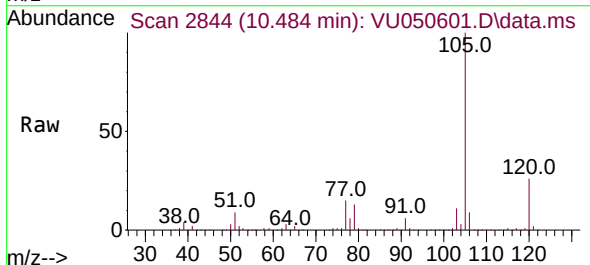
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

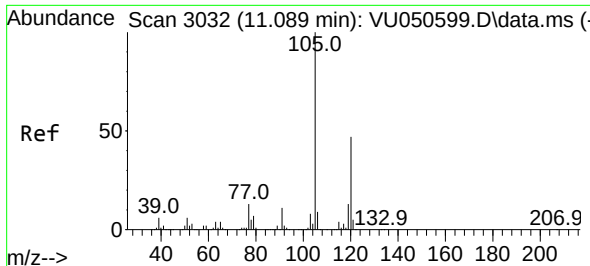
Tgt Ion: 75 Resp: 1276061
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 36.4 29.3 43.9



#61
Isopropylbenzene
Concen: 244.067 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 105 Resp: 3885259
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 15.4 12.8 19.2

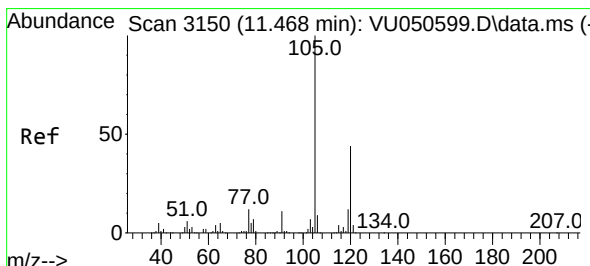
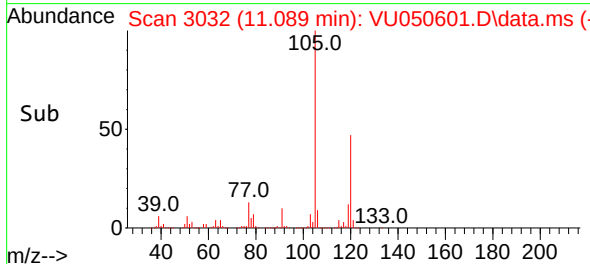
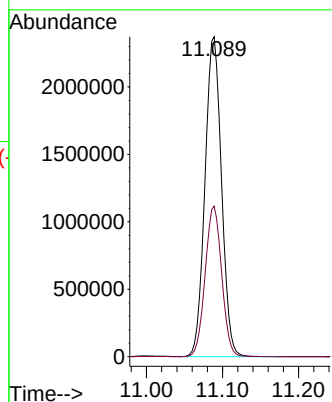
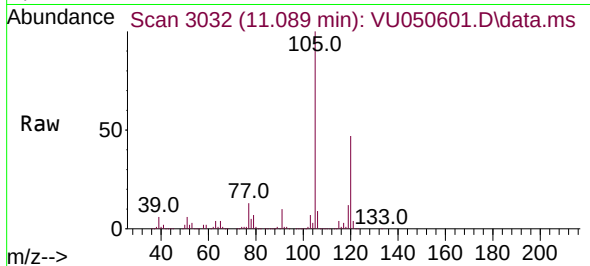




#62
 1,3,5-Trimethylbenzene
 Concen: 271.734 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

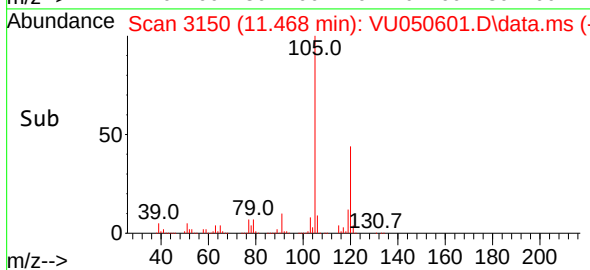
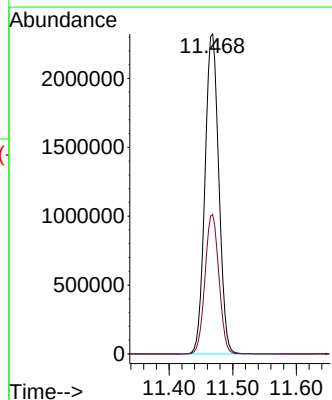
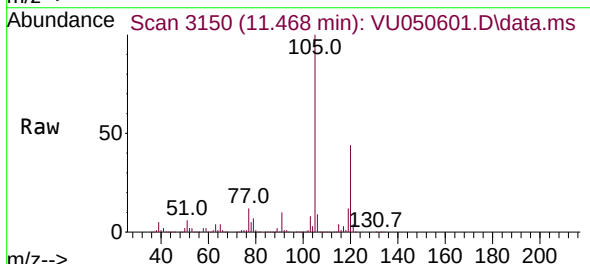
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200023

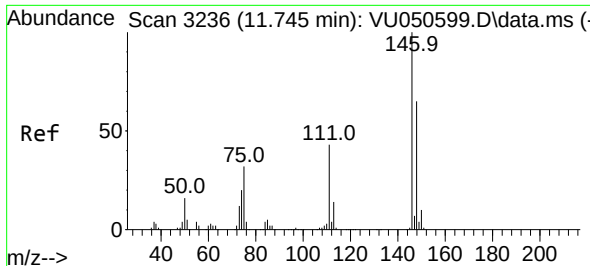
Tgt Ion:105 Resp: 3580279
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 274.739 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

Tgt Ion:105 Resp: 3507335
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.3 52.9

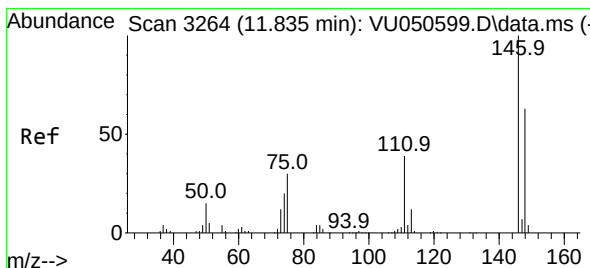
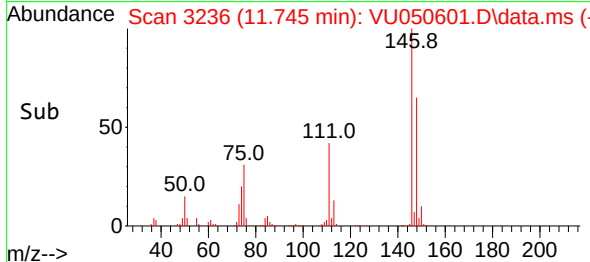
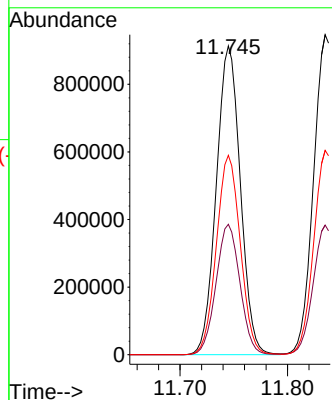
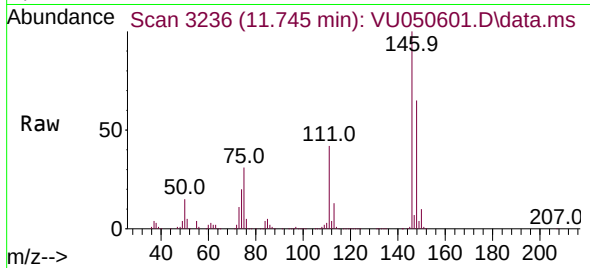




#64
1,3-Dichlorobenzene
Concen: 188.510 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

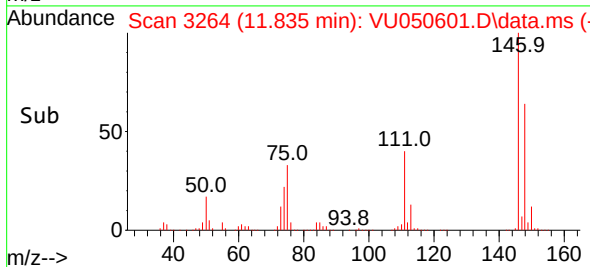
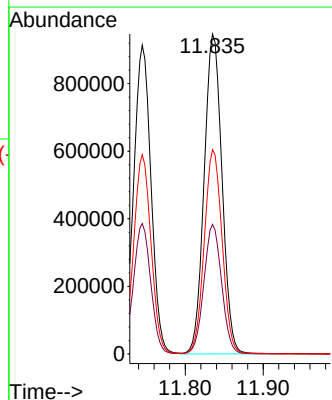
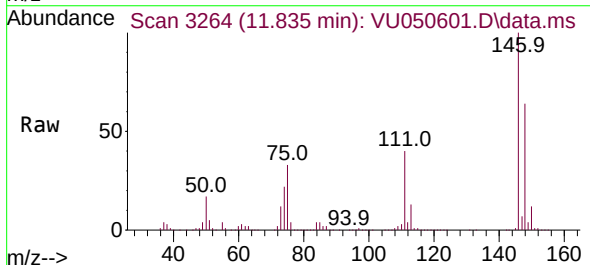
Instrument :
MSVOA_U
ClientSampleId :
VSTD200023

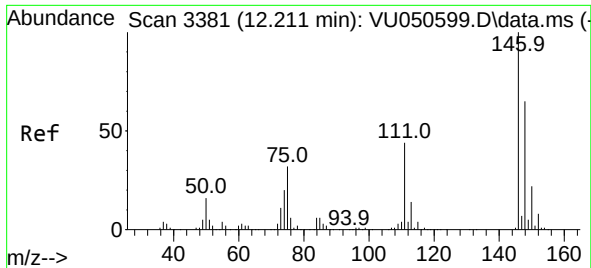
Tgt Ion:146 Resp: 1419253
Ion Ratio Lower Upper
146 100
111 42.3 29.9 55.5
148 64.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 196.697 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050601.D
Acq: 02 Sep 2022 15:40

Tgt Ion:146 Resp: 1505614
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.7
148 63.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 232.177 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

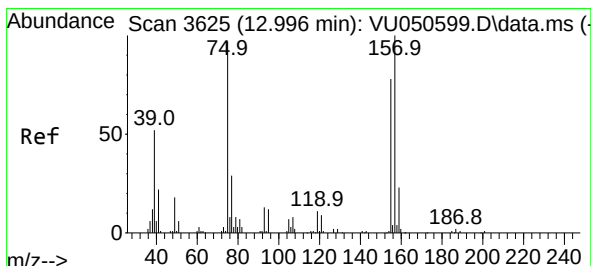
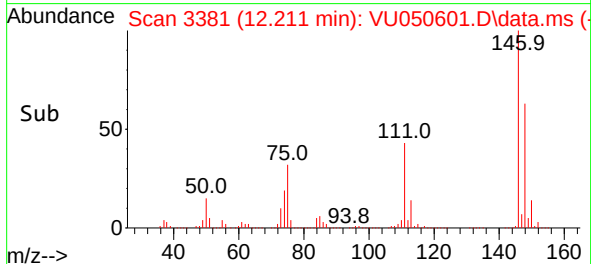
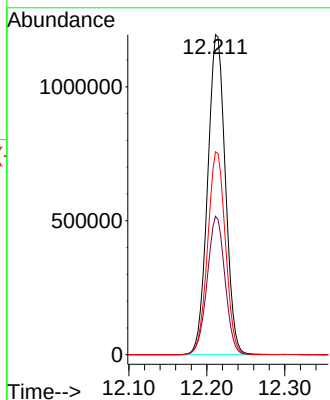
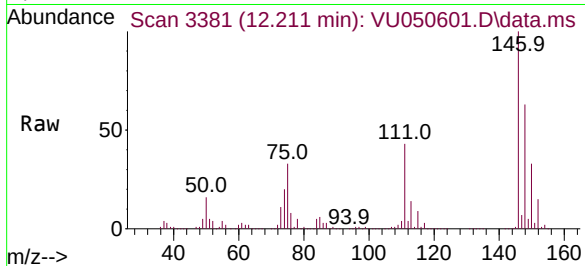
Tgt Ion:146 Resp: 1884156

Ion Ratio Lower Upper

146 100

111 43.3 35.1 52.7

148 63.4 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 245.543 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

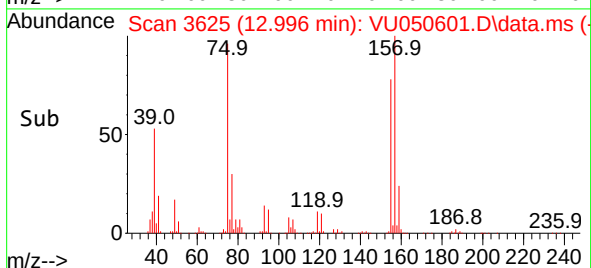
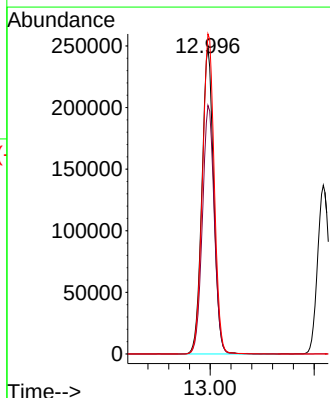
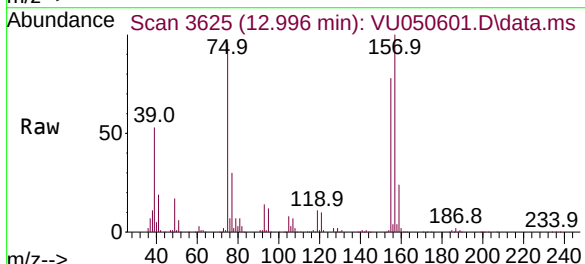
Tgt Ion: 75 Resp: 388684

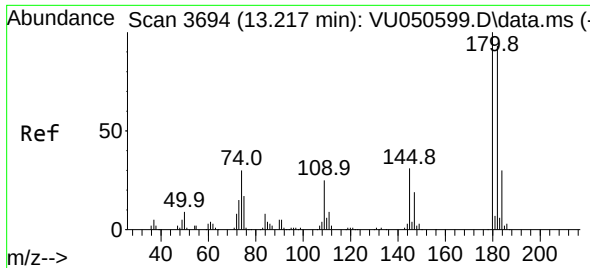
Ion Ratio Lower Upper

75 100

155 81.3 67.8 101.6

157 104.6 82.6 124.0



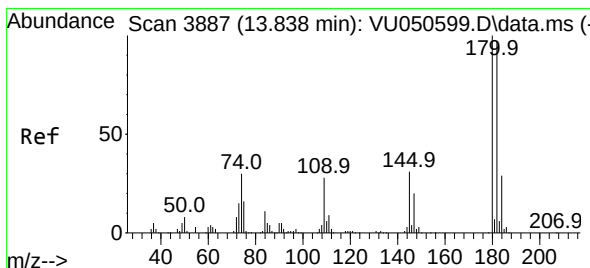
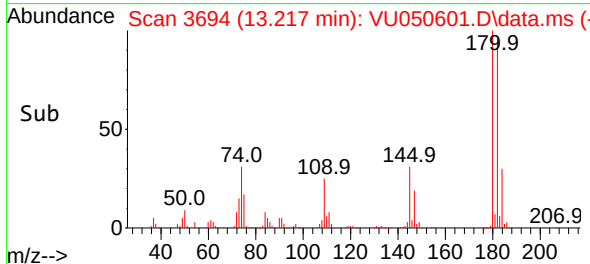
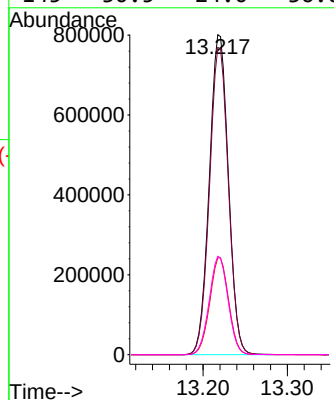
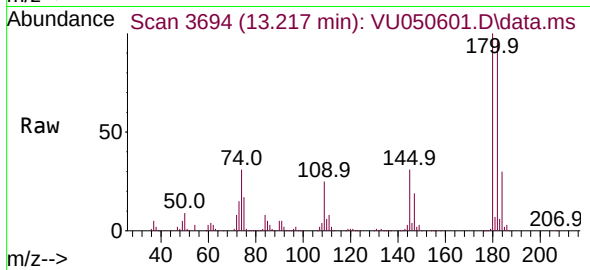


#69
 1,3,5-Trichlorobenzene
 Concen: 239.814 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200023

Tgt Ion:180 Resp: 1257993

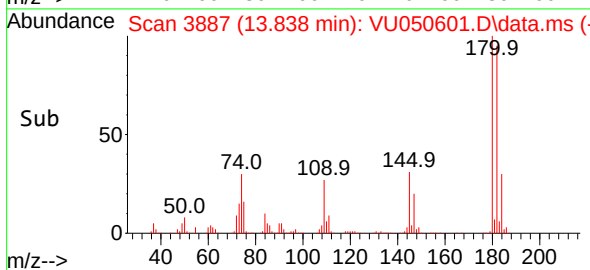
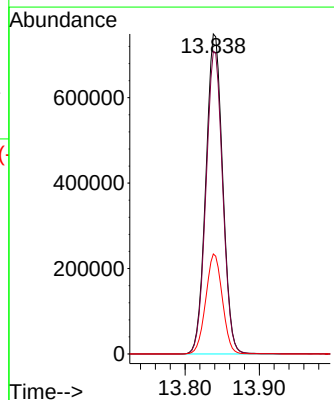
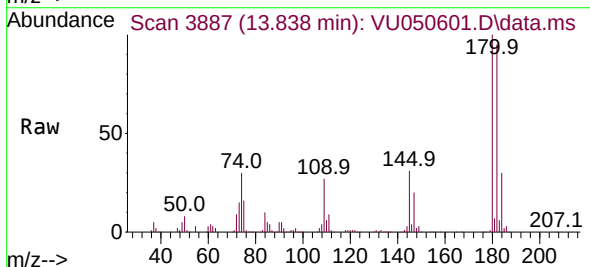
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
184	30.0	23.8	35.8
145	30.5	24.0	36.0

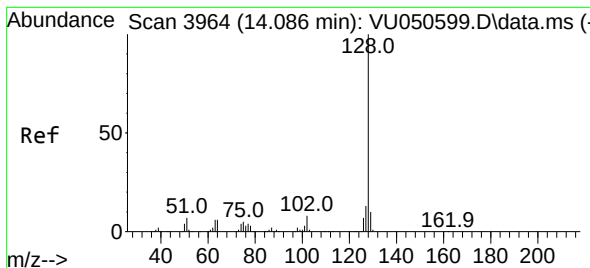


#70
 1,2,4-trichlorobenzene
 Concen: 254.417 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050601.D
 Acq: 02 Sep 2022 15:40

Tgt Ion:180 Resp: 1176852

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.2
145	30.9	24.7	37.1





#71

Naphthalene

Concen: 209.131 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD200023

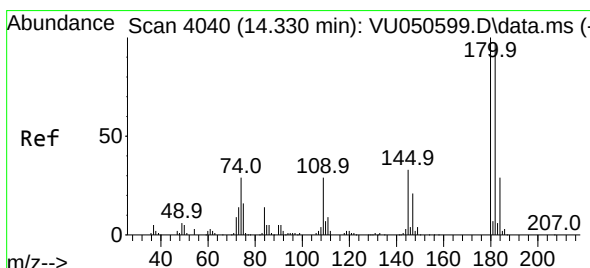
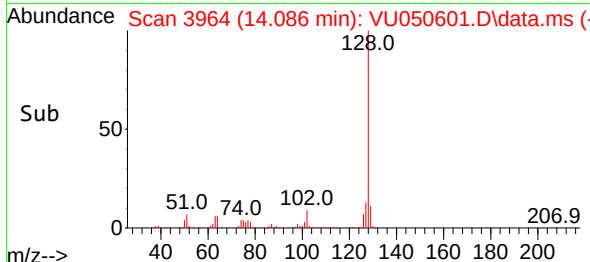
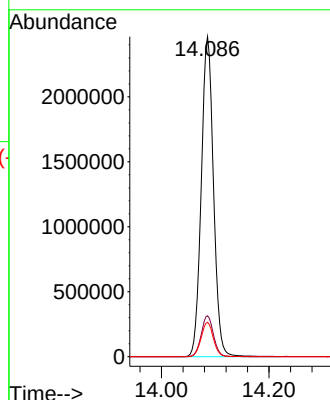
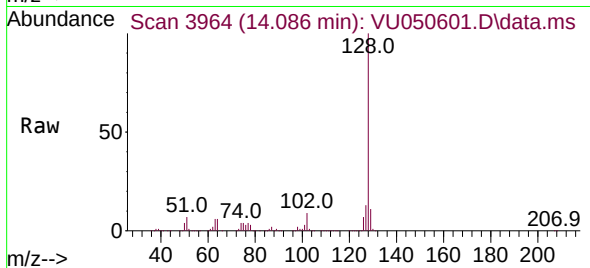
Tgt Ion:128 Resp: 3887509

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 220.883 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050601.D

Acq: 02 Sep 2022 15:40

Tgt Ion:180 Resp: 1168779

Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 32.6 26.4 39.6

