

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051214.D
 Acq On : 07 Oct 2022 12:01
 Operator : JC/MD
 Sample : VSTD00157
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

Quant Time: Oct 08 00:24:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189071	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	16389	1.082	ug/L	0.00
7) Chloroethane-d5	1.909	69	14508	1.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	6865	1.035	ug/L	0.00
20) 2-Butanone-d5	4.652	46	29873	5.848	ug/L	0.01
24) Chloroform-d	5.063	84	30018	0.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	15284	0.805	ug/L	0.00
32) Benzene-d6	5.729	84	54357	0.817	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	19528	0.856	ug/L	0.00
41) Toluene-d8	7.896	98	45608	0.778	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5533	0.675	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	15091	4.741	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	15248	0.798	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	14553	0.892	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	16810	0.905	ug/L	99
3) Chloromethane	1.520	50	23146	0.970	ug/L	97
5) Vinyl chloride	1.601	62	23101	1.138	ug/L	98
6) Bromomethane	1.855	94	11998	1.082	ug/L	94
8) Chloroethane	1.932	64	14720	1.227	ug/L	95
9) Trichlorofluoromethane	2.138	101	26467	1.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	16067	1.296	ug/L	98
12) 1,1-Dichloroethene	2.578	96	14824	1.189	ug/L	87
13) Acetone	2.655	43	24983	7.862	ug/L	78
14) Carbon disulfide	2.790	76	44725	1.163	ug/L	100
15) Methyl Acetate	2.957	43	5186	0.655	ug/L	100
16) Methylene chloride	3.044	84	23136	0.849	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	28813	0.747	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	14926	1.046	ug/L	96
19) 1,1-Dichloroethane	3.867	63	30559	0.996	ug/L	98
21) 2-Butanone	4.726	43	32818	6.212	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	15651	0.957	ug/L	93
23) Bromochloromethane	4.973	128	7699	1.027	ug/L	89
25) Chloroform	5.089	83	31989	0.984	ug/L	97
27) 1,2-Dichloroethane	5.793	62	18208	0.832	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	23992	0.882	ug/L	97
30) Cyclohexane	5.391	56	18505	0.850	ug/L	95
31) Carbon tetrachloride	5.523	117	20767	0.940	ug/L	99
33) Benzene	5.777	78	63508	0.882	ug/L	100
34) Trichloroethene	6.542	95	17467	1.006	ug/L	95
35) Methylcyclohexane	6.761	83	18279	0.859	ug/L	96
37) 1,2-Dichloropropane	6.790	63	17408	0.853	ug/L	99
38) Bromodichloromethane	7.105	83	22400	0.885	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	19800	0.755	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	74977	5.497	ug/L	97
42) Toluene	7.970	91	63078	0.875	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	17069	0.746	ug/L	92

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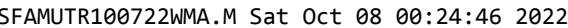
Quant Time: Oct 08 00:24:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
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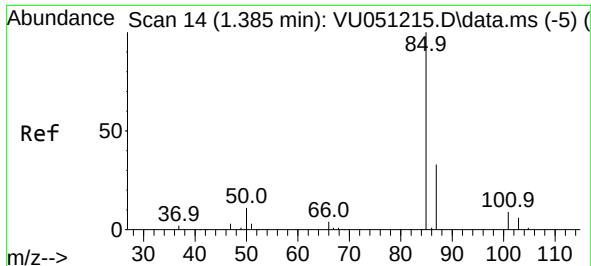
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	11915	0.816	ug/L	96
47) Tetrachloroethene	8.552	164	12200	1.023	ug/L	97
48) 2-Hexanone	8.687	43	53624	5.257	ug/L	95
49) Dibromochloromethane	8.809	129	13642	0.844	ug/L	96
50) 1,2-Dibromoethane	8.925	107	10454	0.810	ug/L #	97
51) Chlorobenzene	9.446	112	41130	0.897	ug/L	96
52) Ethylbenzene	9.568	91	53817	0.743	ug/L	95
53) m,p-Xylene	9.693	106	20907	0.775	ug/L	89
54) o-Xylene	10.099	106	18610	0.705	ug/L	99
55) Styrene	10.115	104	29719	0.657	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	15391	0.826	ug/L #	98
59) Bromoform	10.288	173	7044	1.009	ug/L	97
60) Isopropylbenzene	10.481	105	46617	0.882	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	10670	1.002	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	12978	0.337	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	31736	0.748	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	25623	0.973	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	25076	0.960	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	24486	0.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	1707	0.729	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	17776	0.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	11531	0.728	ug/L	98
71) Naphthalene	14.089	128	16938	0.553	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	10989	0.716	ug/L	99

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

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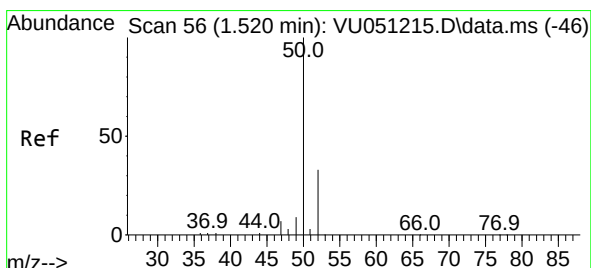
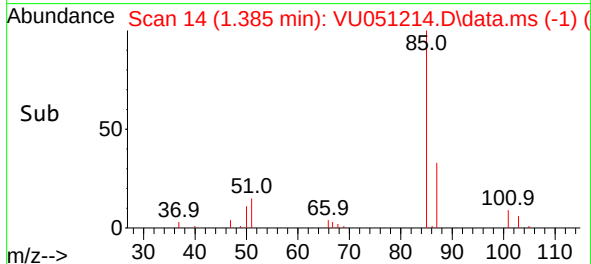
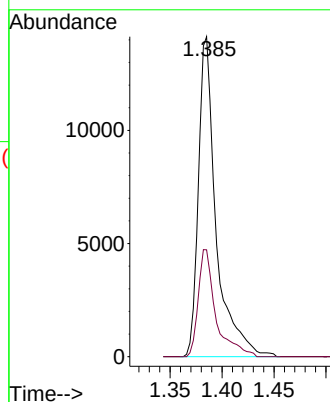
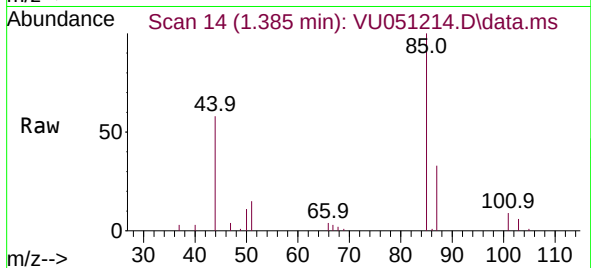




#2
Dichlorodifluoromethane
Concen: 0.905 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

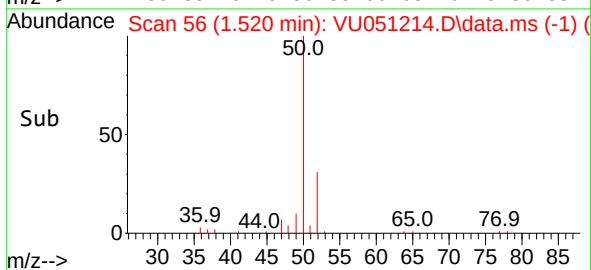
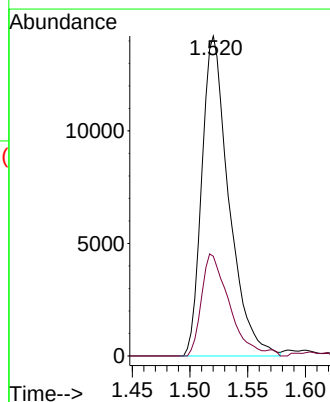
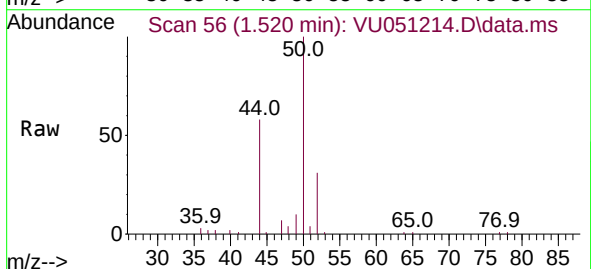
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

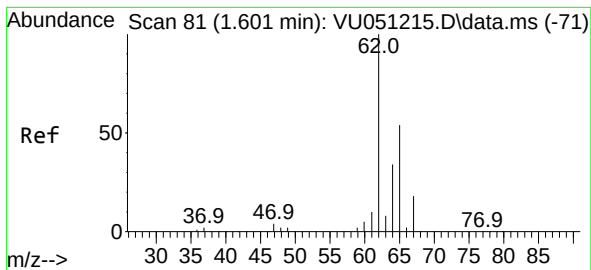
Tgt Ion: 85 Resp: 16810
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 0.970 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 50 Resp: 23146
Ion Ratio Lower Upper
50 100
52 31.1 22.9 42.5





#5

Vinyl chloride

Concen: 1.138 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

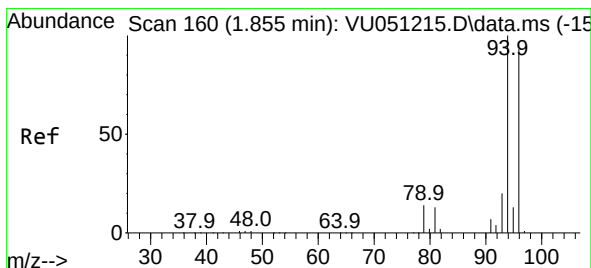
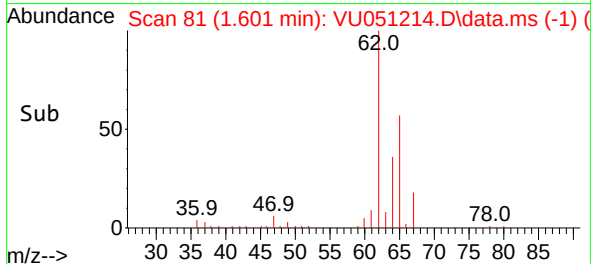
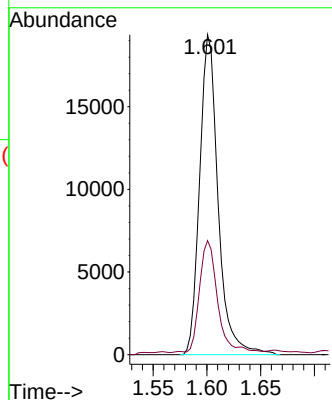
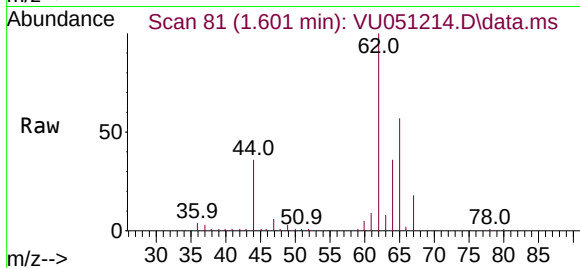
VSTD001057

Tgt Ion: 62 Resp: 23101

Ion Ratio Lower Upper

62 100

64 35.6 24.0 44.6



#6

Bromomethane

Concen: 1.082 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU051214.D

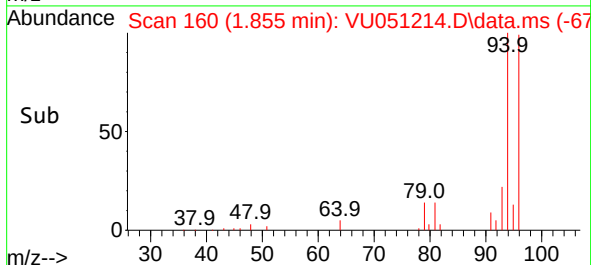
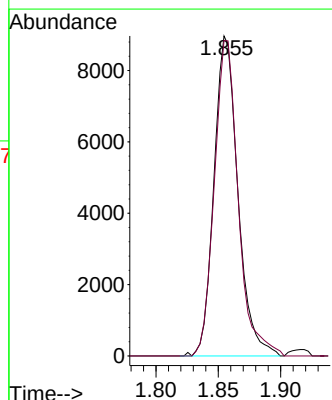
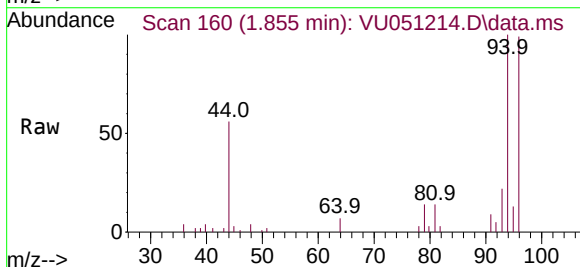
Acq: 07 Oct 2022 12:01

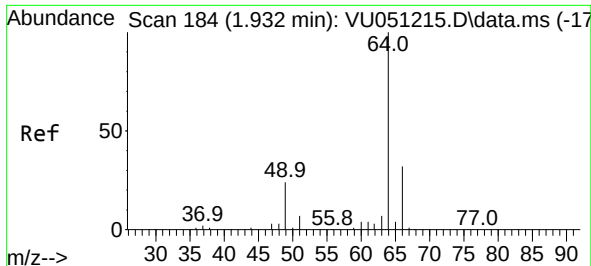
Tgt Ion: 94 Resp: 11998

Ion Ratio Lower Upper

94 100

96 98.6 64.9 120.5

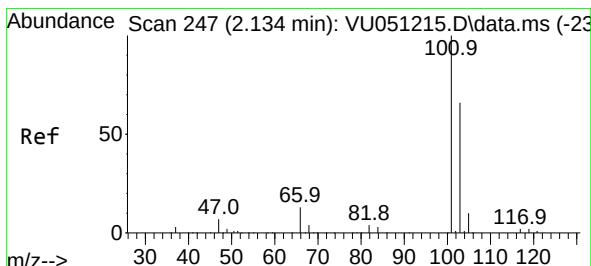
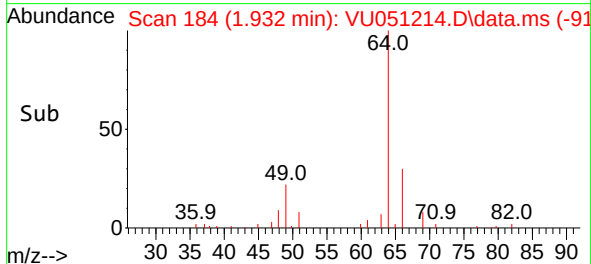
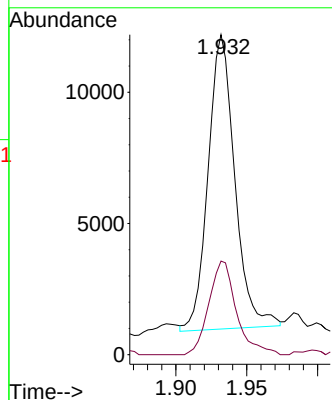
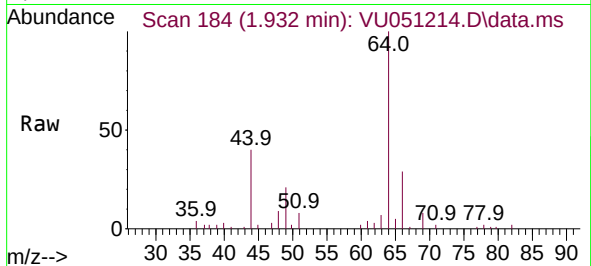




#8
Chloroethane
Concen: 1.227 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

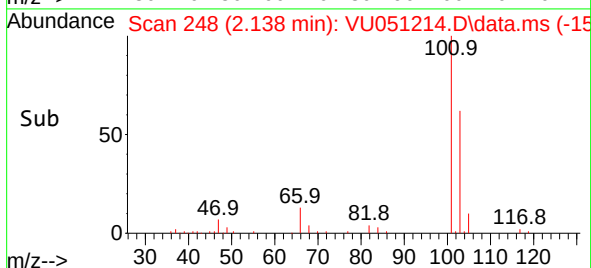
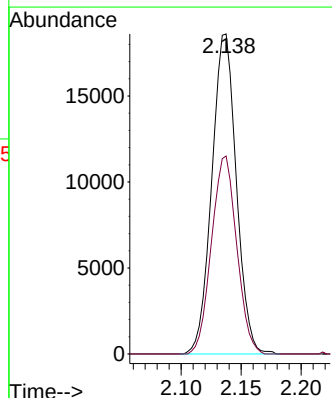
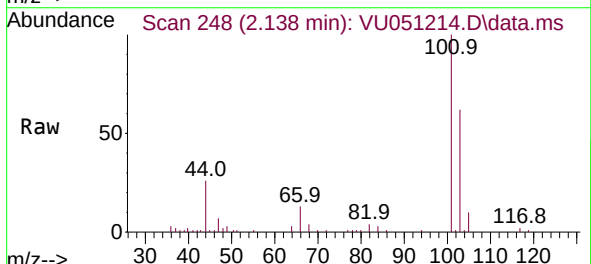
Instrument :
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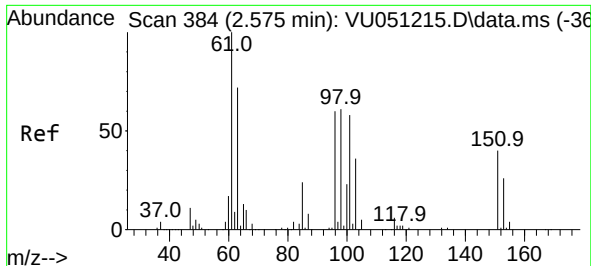
Tgt Ion: 64 Resp: 14720
Ion Ratio Lower Upper
64 100
66 29.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 1.081 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:101 Resp: 26467
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2

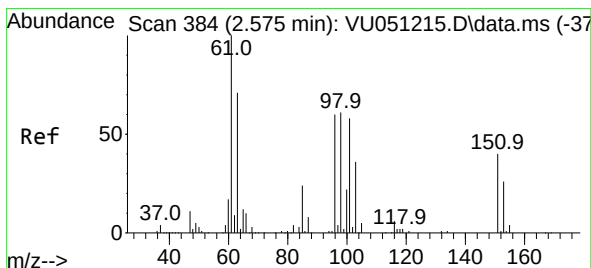
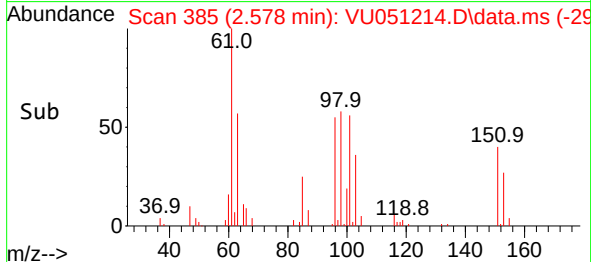
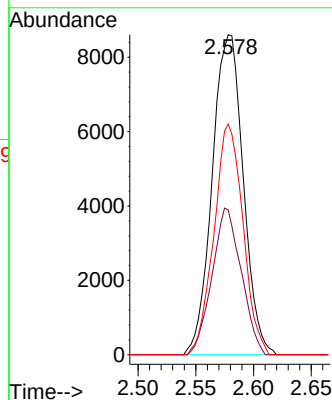
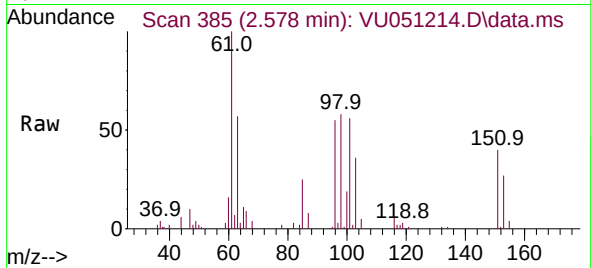




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.296 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

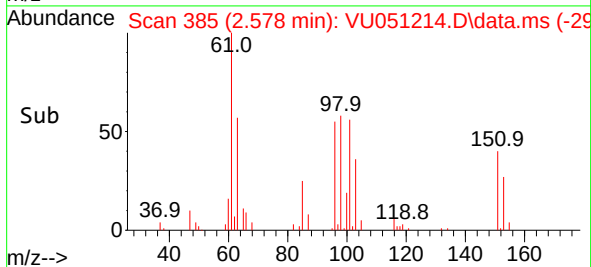
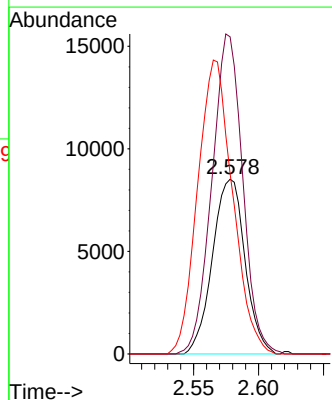
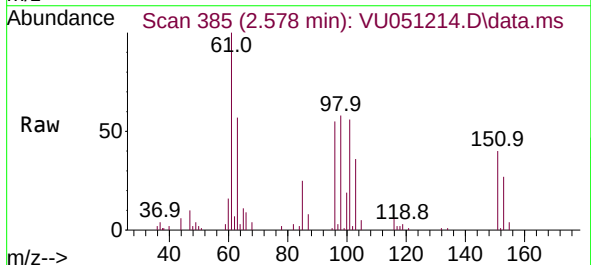
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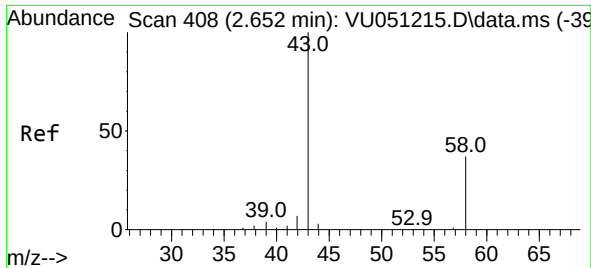
Tgt Ion:101 Resp: 16067
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 67.4 56.5 84.7



#12
1,1-Dichloroethene
Concen: 1.189 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 96 Resp: 14824
Ion Ratio Lower Upper
96 100
61 181.5 117.6 218.4
63 103.1 85.2 158.2





#13

Acetone

Concen: 7.862 ug/L

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

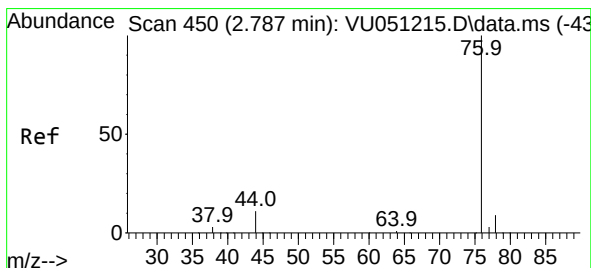
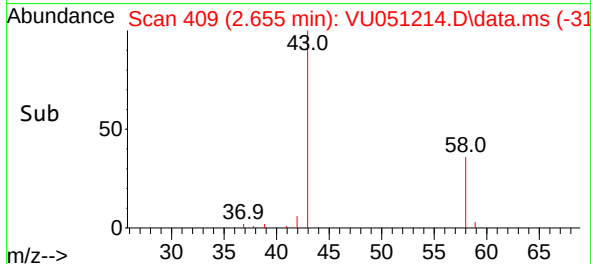
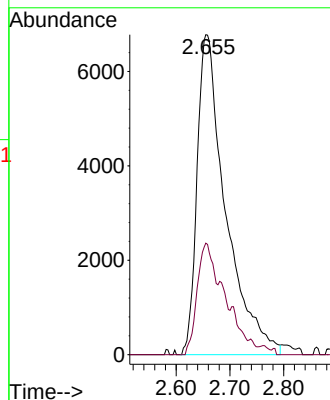
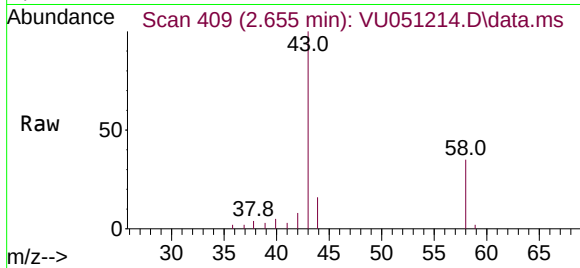
VSTD001057

Tgt Ion: 43 Resp: 24983

Ion Ratio Lower Upper

43 100

58 21.6 0.0 68.8



#14

Carbon disulfide

Concen: 1.163 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU051214.D

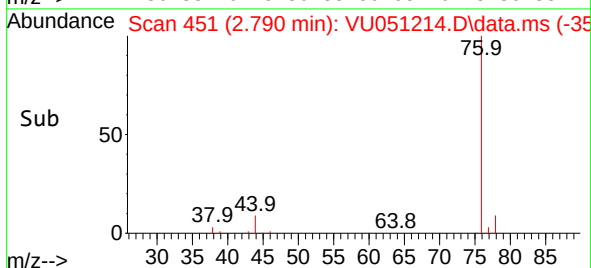
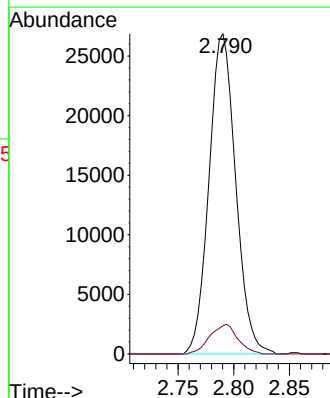
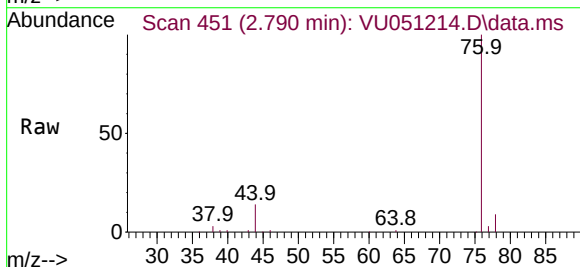
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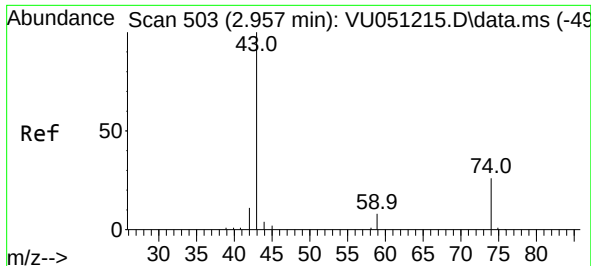
Tgt Ion: 76 Resp: 44725

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

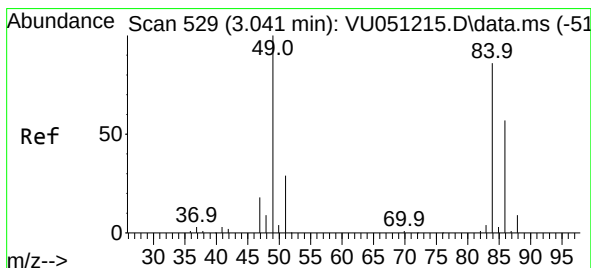
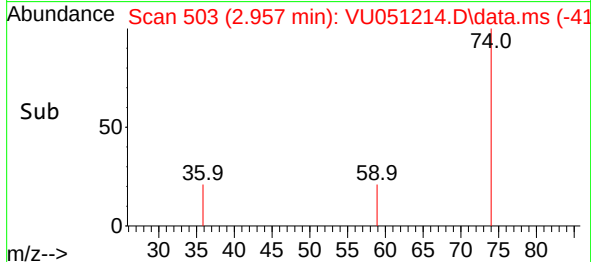
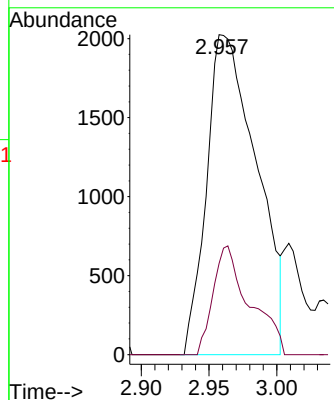
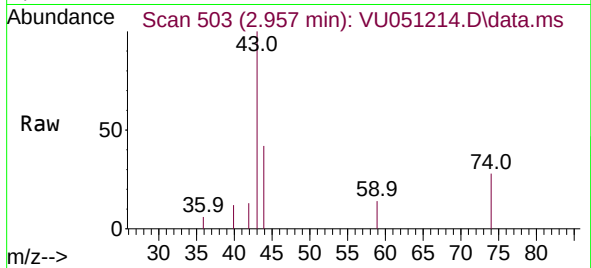




#15
Methyl Acetate
Concen: 0.655 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

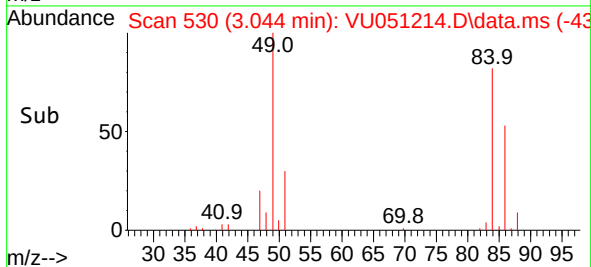
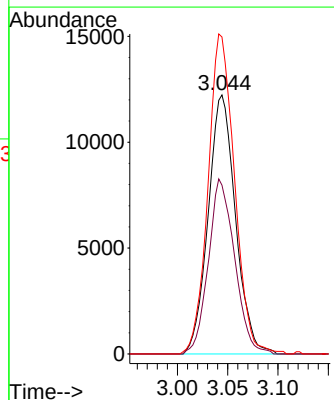
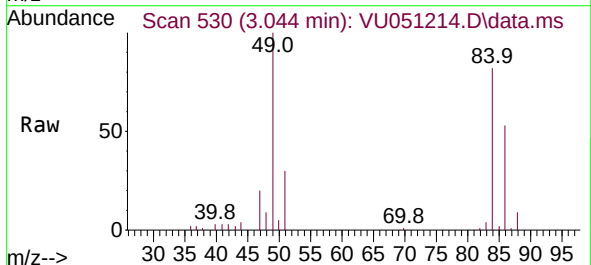
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

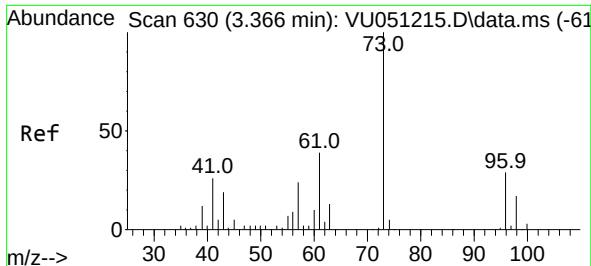
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
74 24.9 20.0 30.0



#16
Methylene chloride
Concen: 0.849 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 84 Resp: 23136
Ion Ratio Lower Upper
84 100
86 65.2 46.5 86.3
49 122.4 81.3 151.1

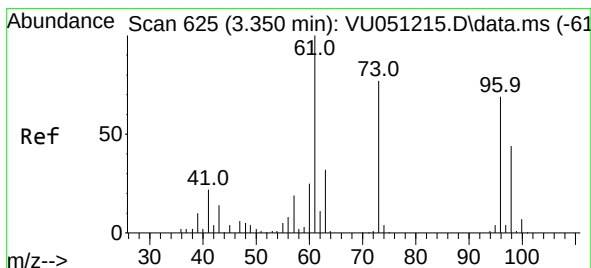
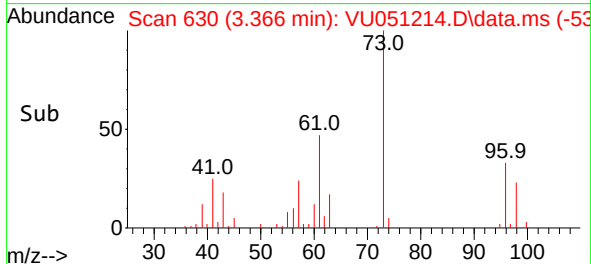
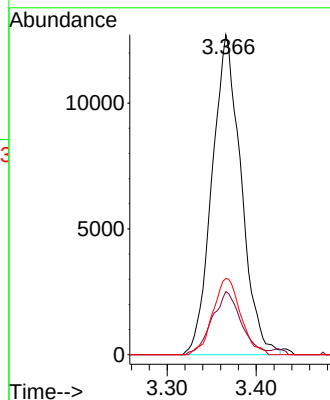
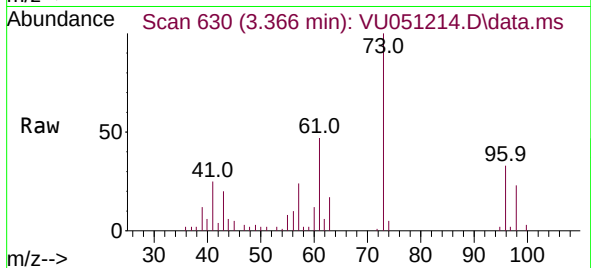




#17
Methyl tert-butyl Ether
Concen: 0.747 ug/L
RT: 3.366 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

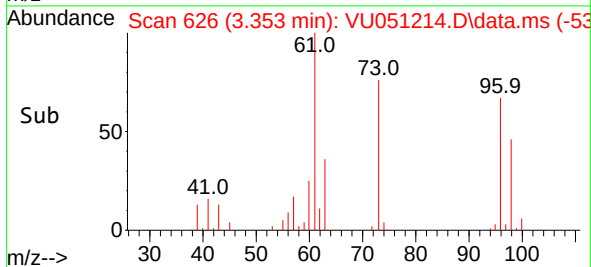
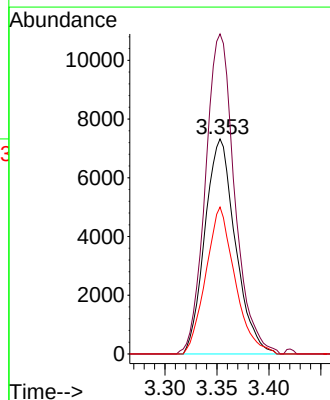
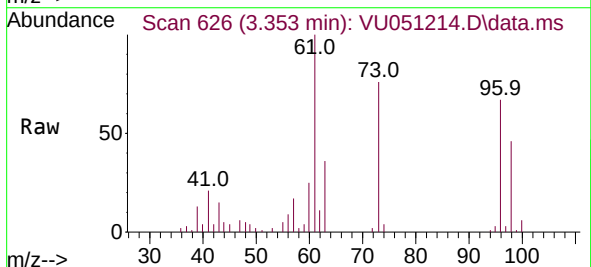
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

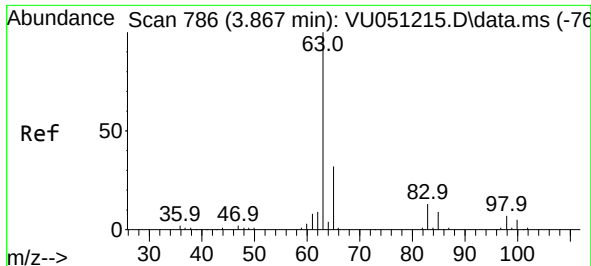
Tgt Ion: 73	Resp:	28813	
Ion	Ratio	Lower	Upper
73	100		
43	19.8	15.4	23.0
57	22.9	18.9	28.3



#18
trans-1,2-Dichloroethene
Concen: 1.046 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 96	Resp:	14926	
Ion	Ratio	Lower	Upper
96	100		
61	148.8	101.4	188.2
98	68.4	44.9	83.5

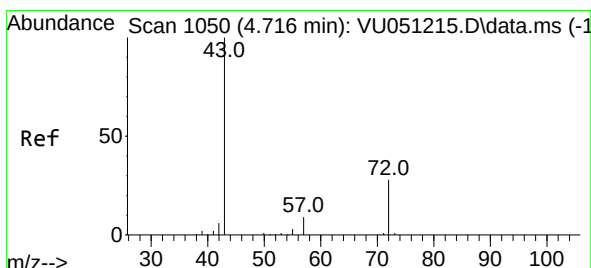
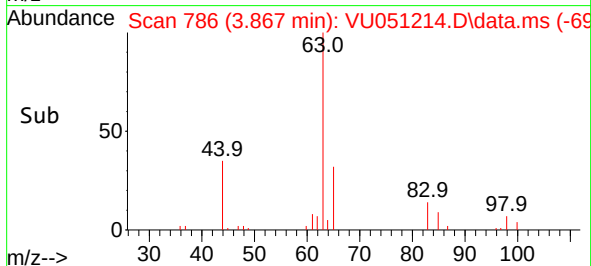
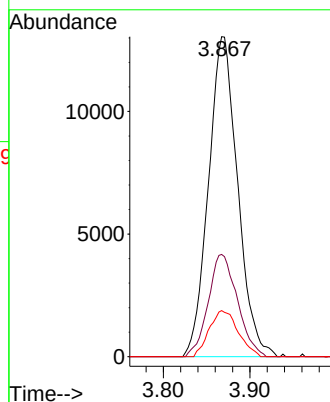
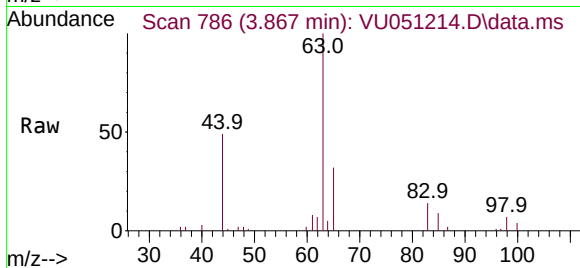




#19
1,1-Dichloroethane
Concen: 0.996 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

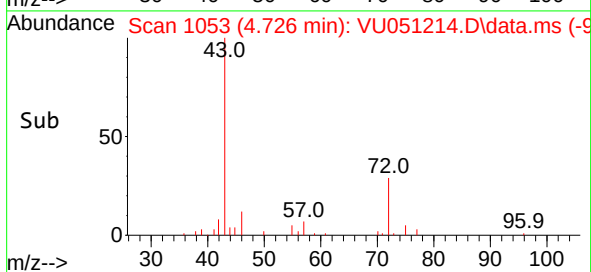
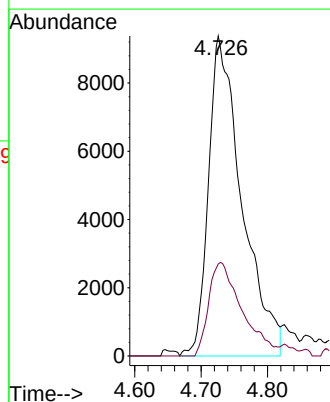
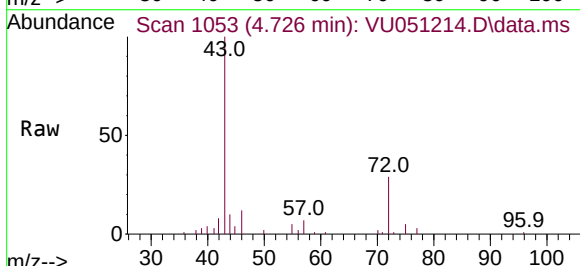
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

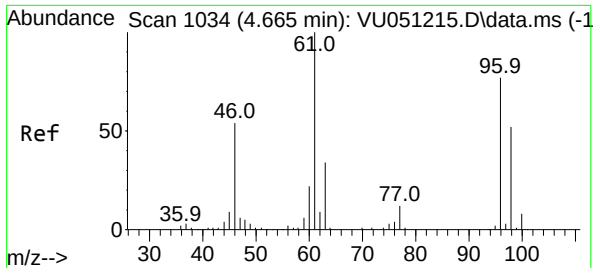
Tgt Ion: 63 Resp: 30559
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 14.4 9.0 16.6



#21
2-Butanone
Concen: 6.212 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 43 Resp: 32818
Ion Ratio Lower Upper
43 100
72 29.2 13.8 41.4

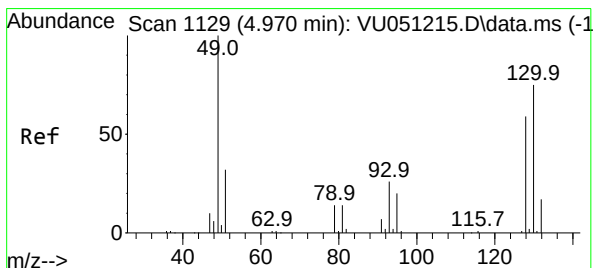
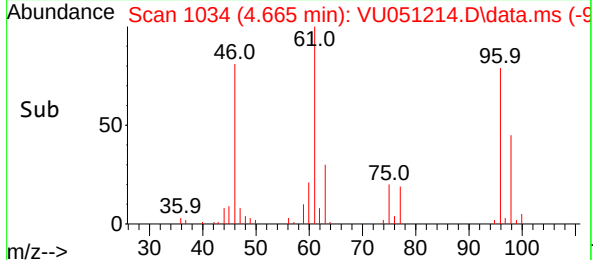
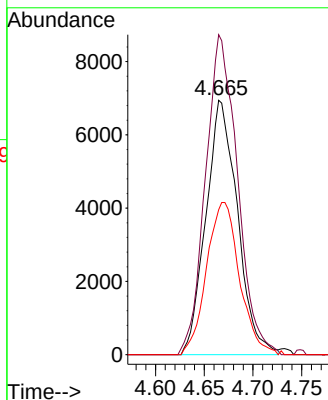
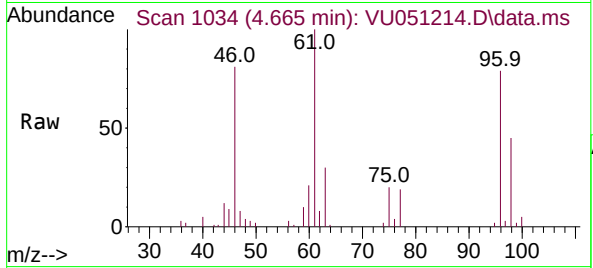




#22
 cis-1,2-Dichloroethene
 Concen: 0.957 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

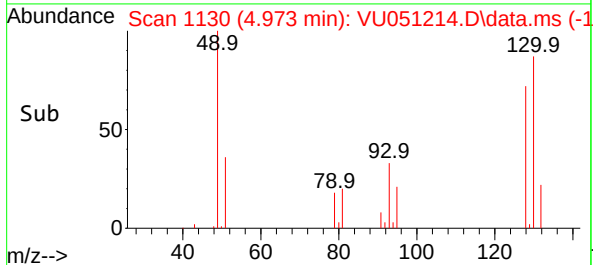
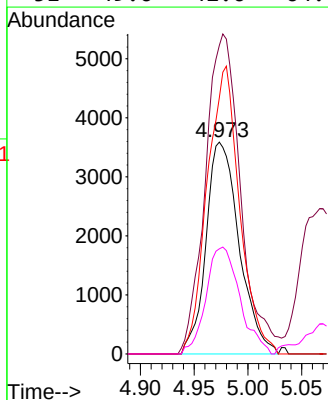
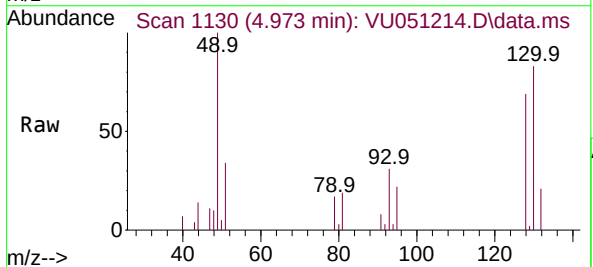
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

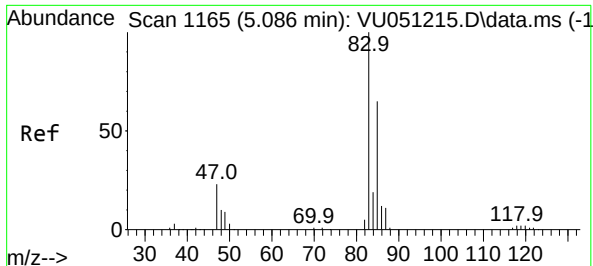
Tgt Ion:	96	Resp:	15651
Ion	Ratio	Lower	Upper
96	100		
61	125.8	90.6	168.2
98	57.0	47.5	88.3



#23
 Bromochloromethane
 Concen: 1.027 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

Tgt Ion:	128	Resp:	7699
Ion	Ratio	Lower	Upper
128	100		
49	145.6	118.0	219.2
130	120.9	88.8	164.8
51	49.6	42.6	64.0





#25

Chloroform

Concen: 0.984 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

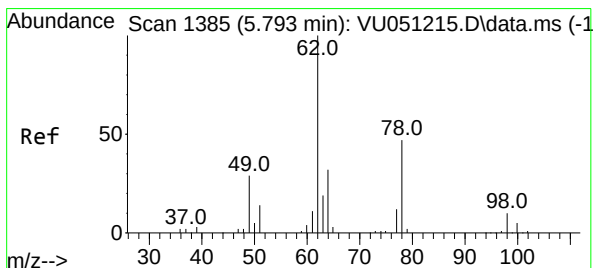
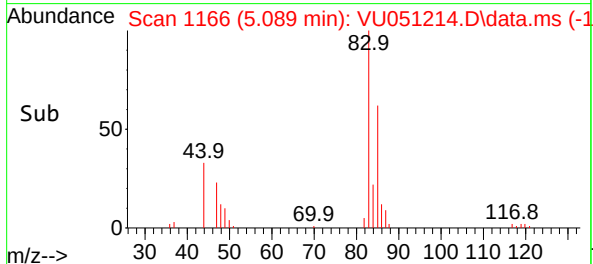
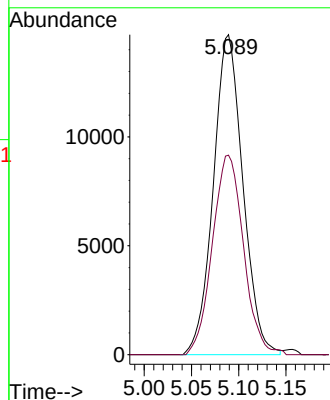
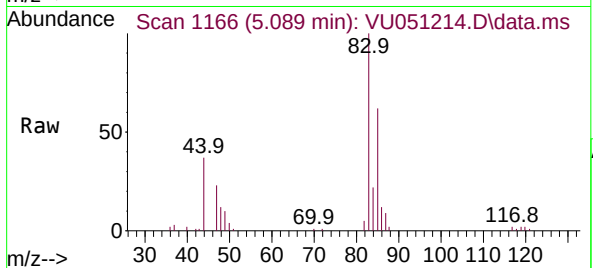
VSTD001057

Tgt Ion: 83 Resp: 31989

Ion Ratio Lower Upper

83 100

85 62.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.832 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051214.D

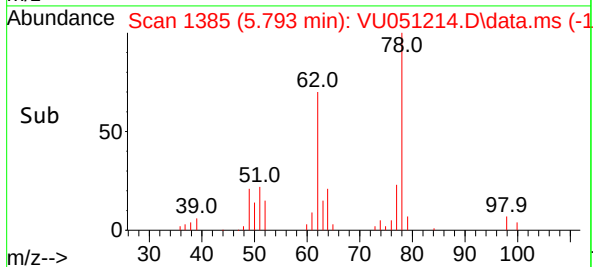
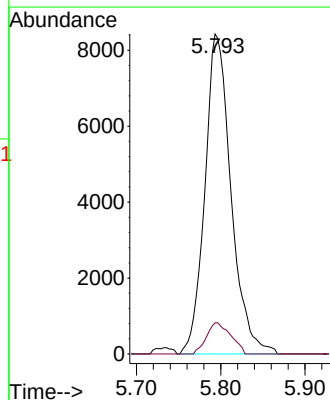
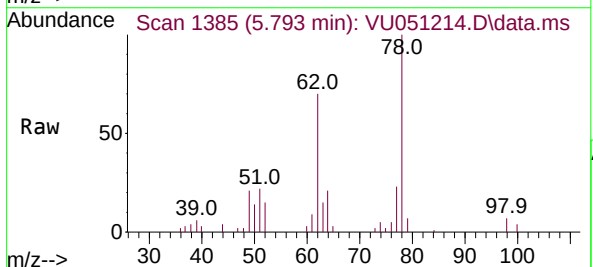
Acq: 07 Oct 2022 12:01

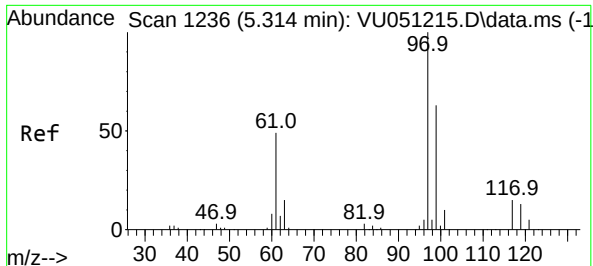
Tgt Ion: 62 Resp: 18208

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5

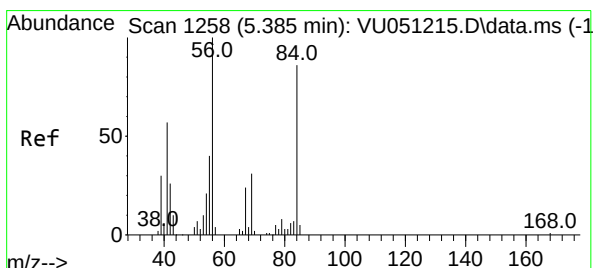
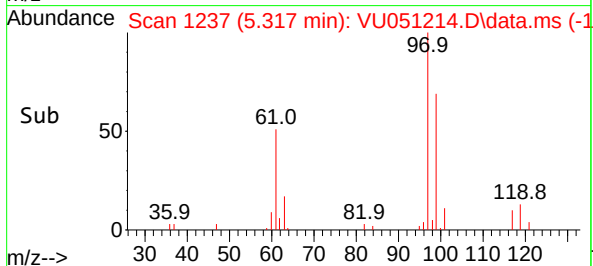
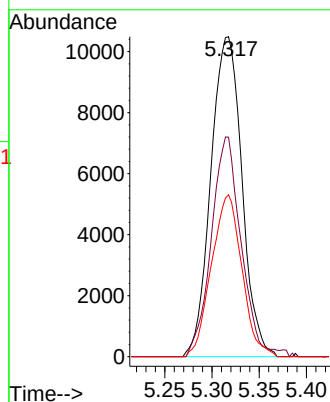
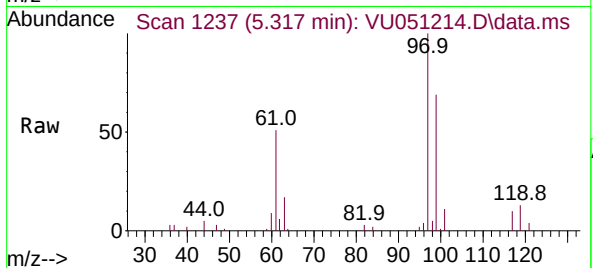




#29
1,1,1-Trichloroethane
Concen: 0.882 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

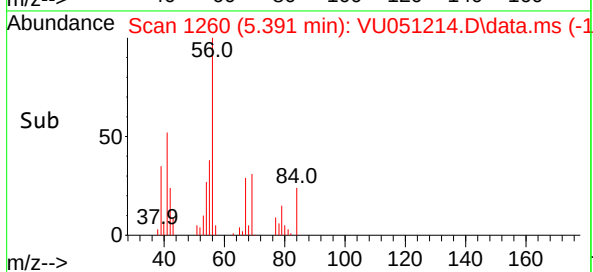
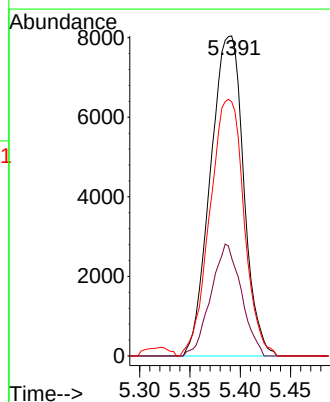
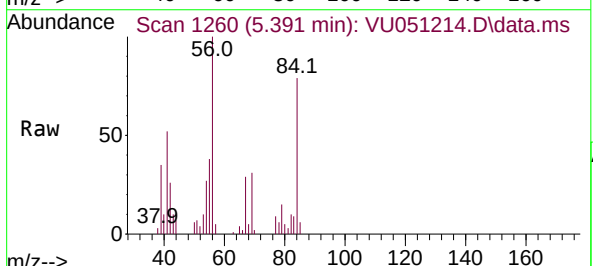
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

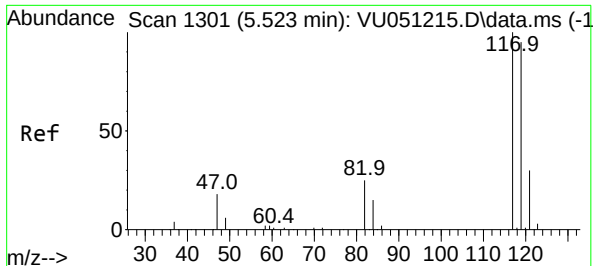
Tgt Ion:	97	Resp:	23992
Ion	Ratio	Lower	Upper
97	100		
99	66.0	50.2	75.4
61	49.5	38.7	58.1



#30
Cyclohexane
Concen: 0.850 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:	56	Resp:	18505
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.1	37.7
84	82.1	70.9	106.3

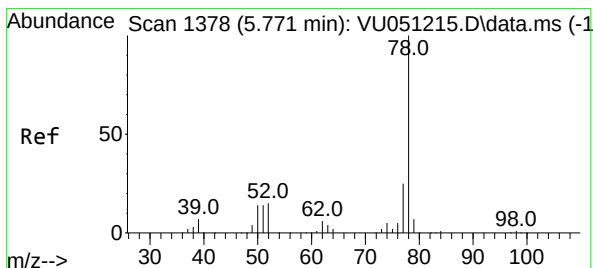
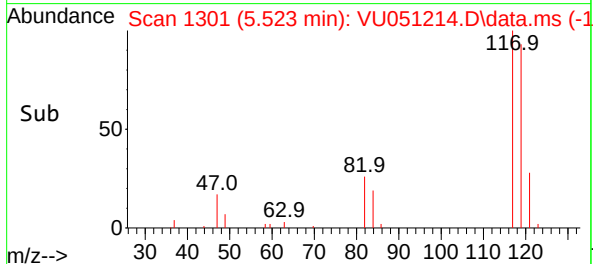
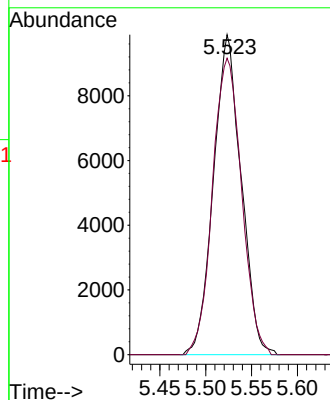
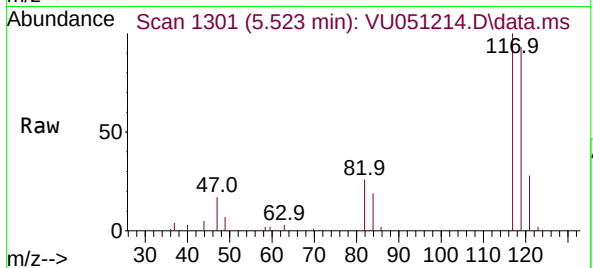




#31
Carbon tetrachloride
Concen: 0.940 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

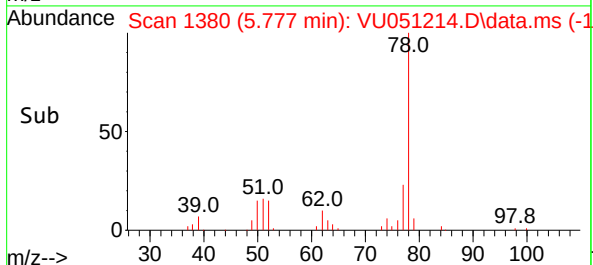
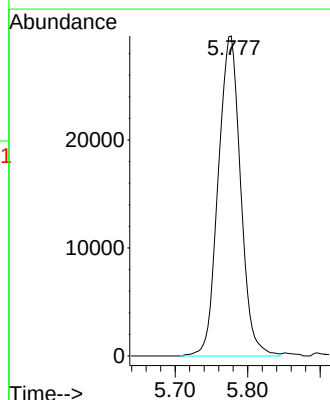
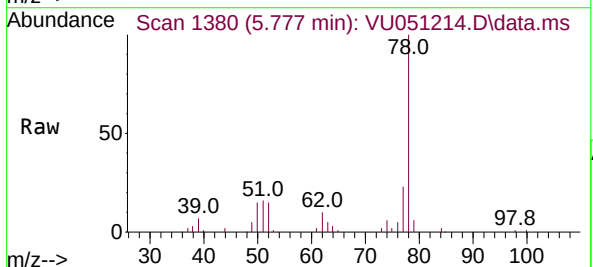
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

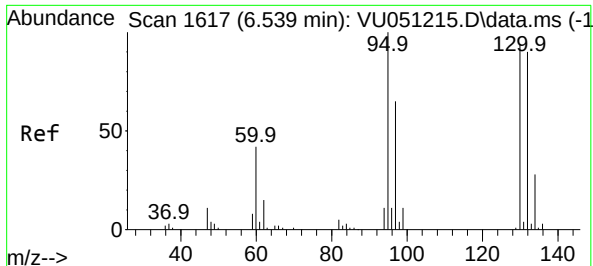
Tgt Ion:117 Resp: 20767
Ion Ratio Lower Upper
117 100
119 97.4 78.4 117.6



#33
Benzene
Concen: 0.882 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 78 Resp: 63508



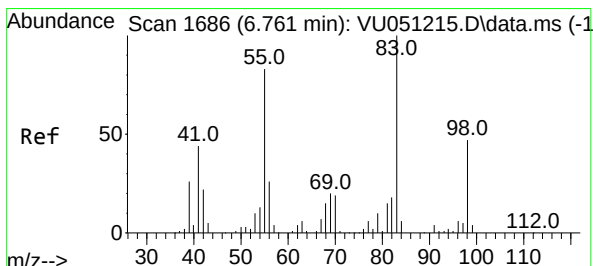
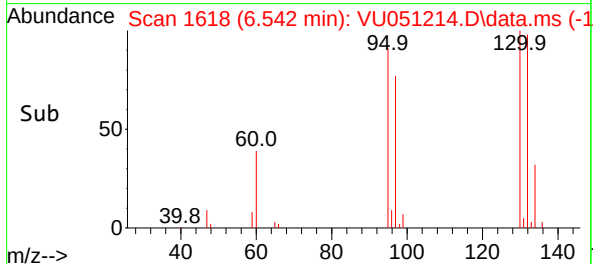
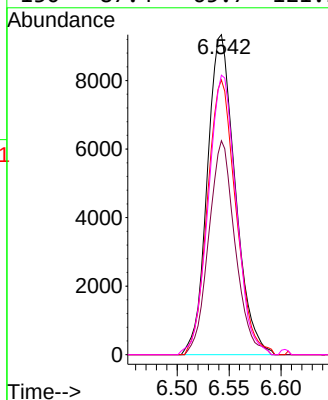
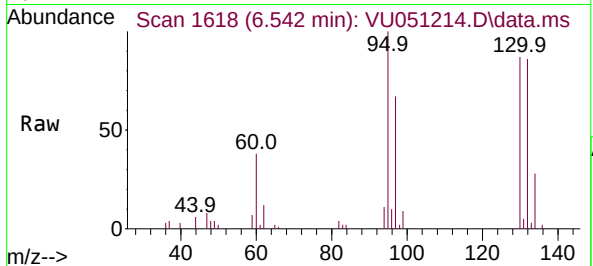


#34
Trichloroethene
Concen: 1.006 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

Tgt Ion: 95 Resp: 17467

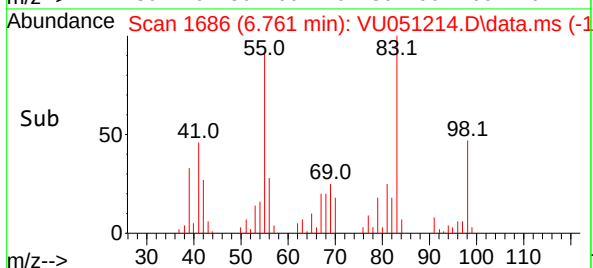
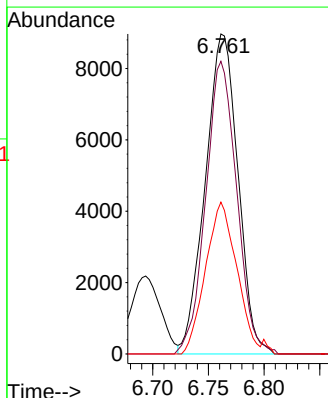
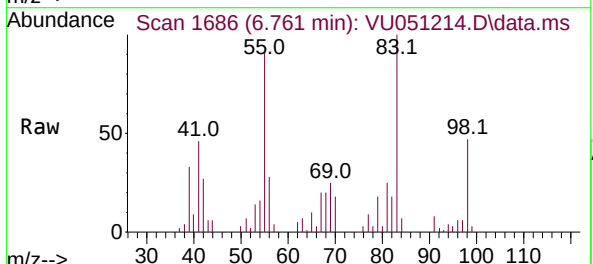
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.4	84.2
132	85.9	63.1	117.3
130	87.4	65.7	121.9

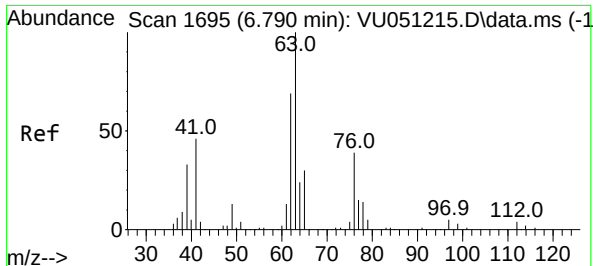


#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 83 Resp: 18279

Ion	Ratio	Lower	Upper
83	100		
55	86.8	65.8	98.6
98	45.3	35.9	53.9

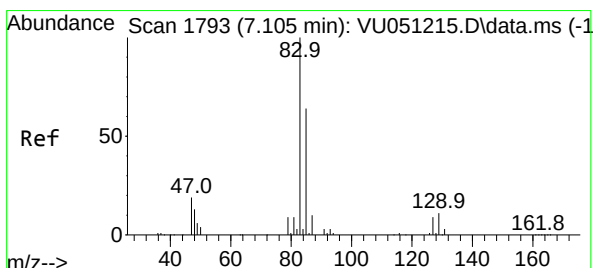
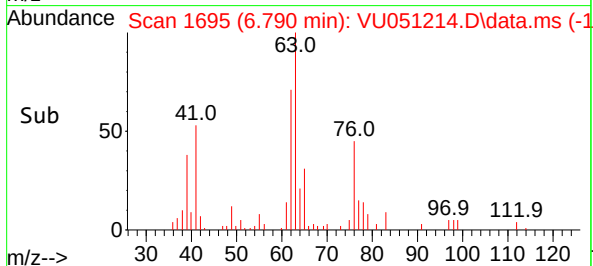
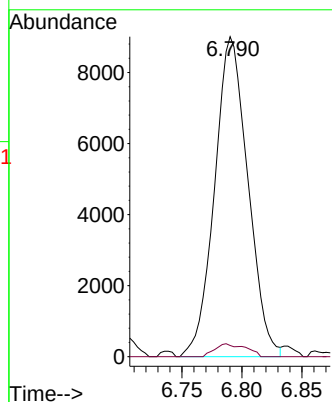
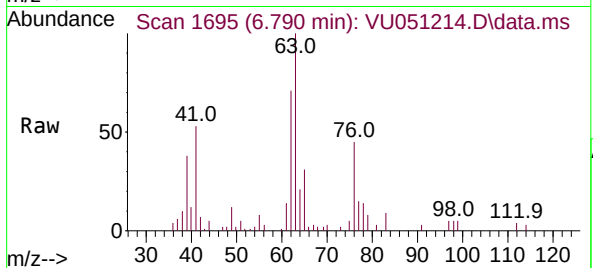




#37
1,2-Dichloropropane
Concen: 0.853 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

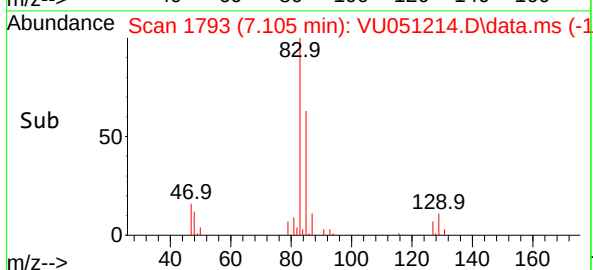
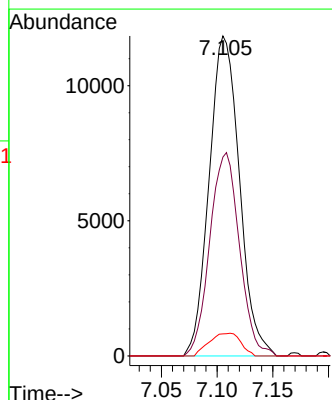
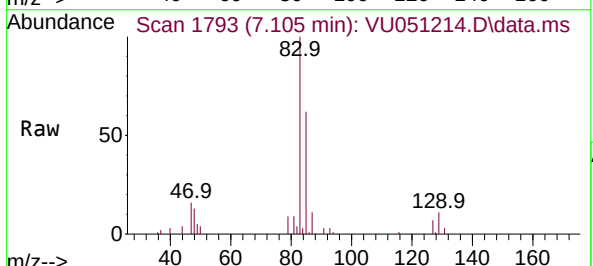
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

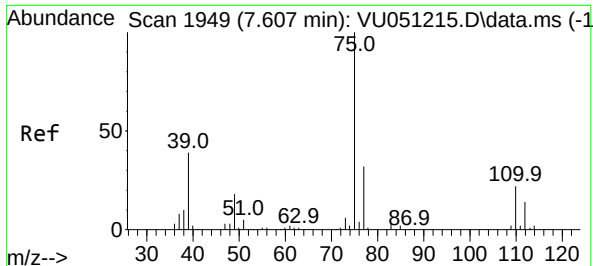
Tgt Ion: 63 Resp: 17408
Ion Ratio Lower Upper
63 100
112 3.7 3.2 4.8



#38
Bromodichloromethane
Concen: 0.885 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 83 Resp: 22400
Ion Ratio Lower Upper
83 100
85 62.1 44.8 83.2
127 6.9 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

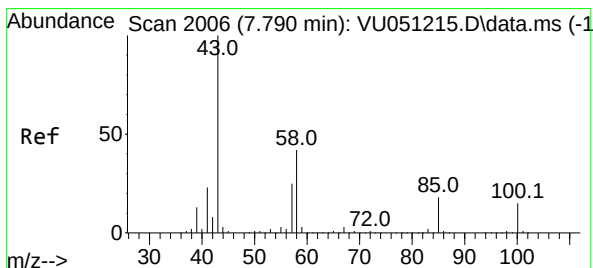
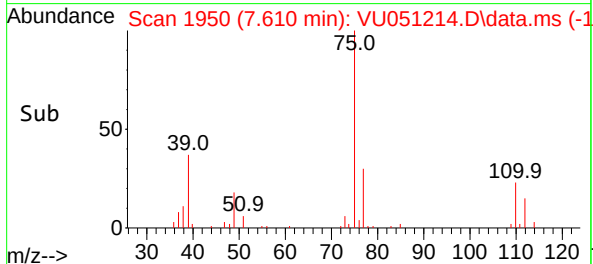
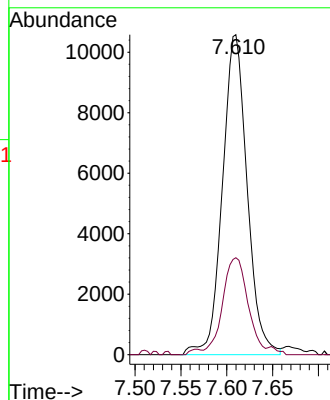
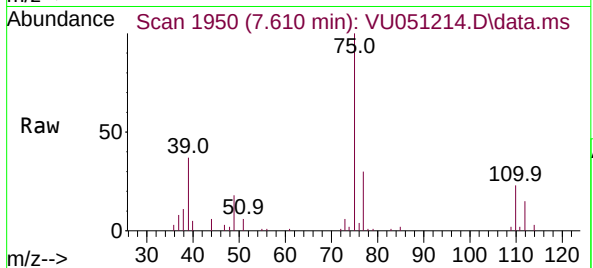
VSTD001057

Tgt Ion: 75 Resp: 19800

Ion Ratio Lower Upper

75 100

77 30.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 5.497 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

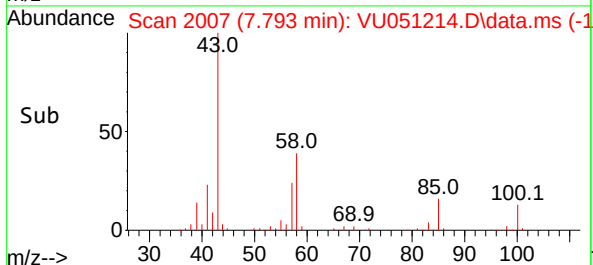
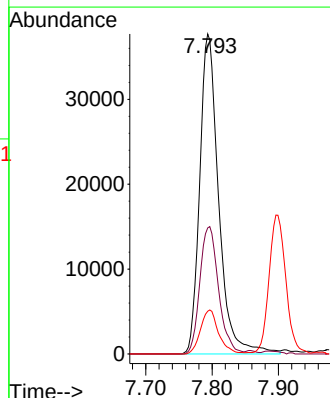
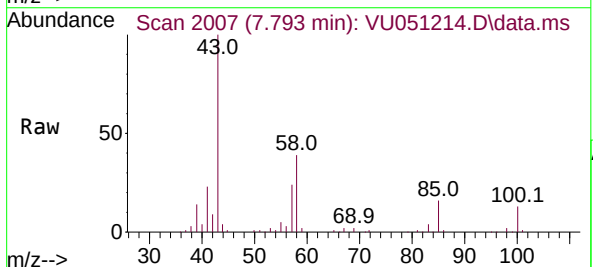
Tgt Ion: 43 Resp: 74977

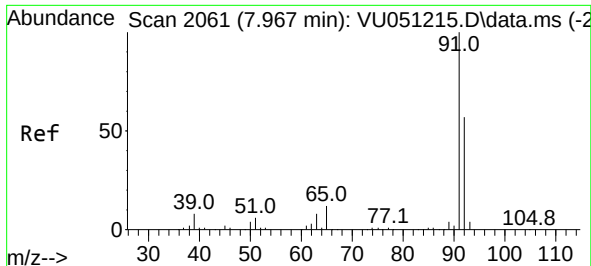
Ion Ratio Lower Upper

43 100

58 39.2 33.0 49.6

100 13.1 11.8 17.6

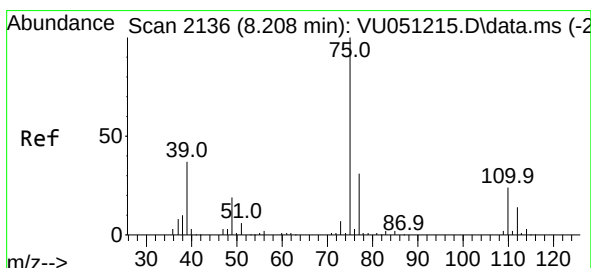
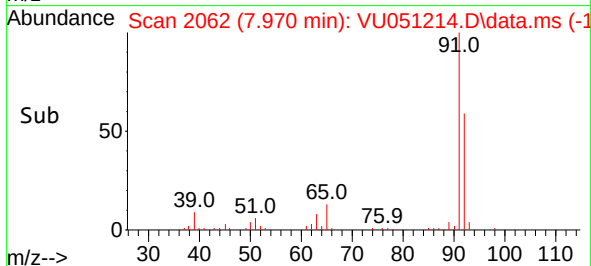
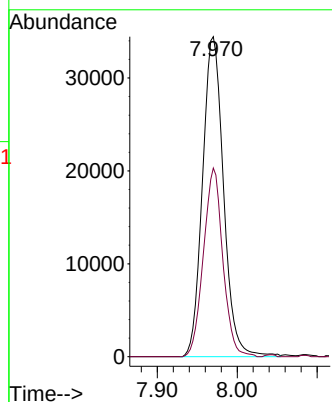
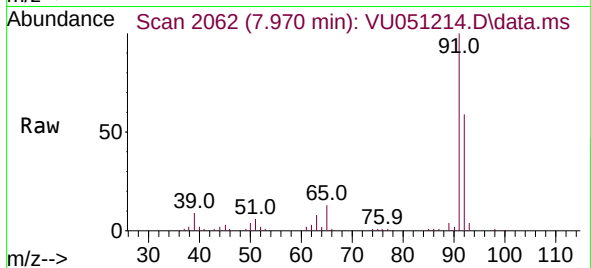




#42
Toluene
Concen: 0.875 ug/L
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

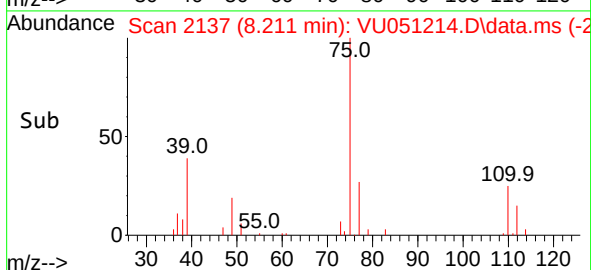
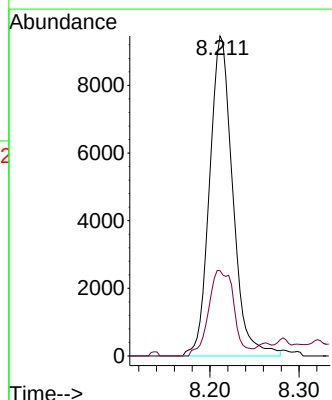
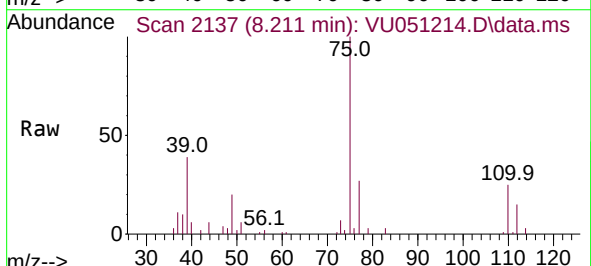
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

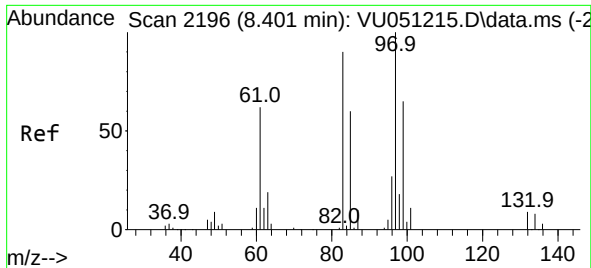
Tgt Ion: 91 Resp: 63078
Ion Ratio Lower Upper
91 100
92 59.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 75 Resp: 17069
Ion Ratio Lower Upper
75 100
77 26.6 21.8 40.6

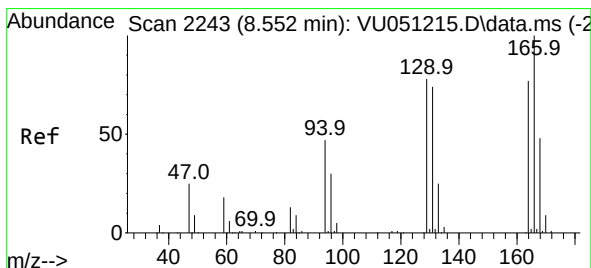
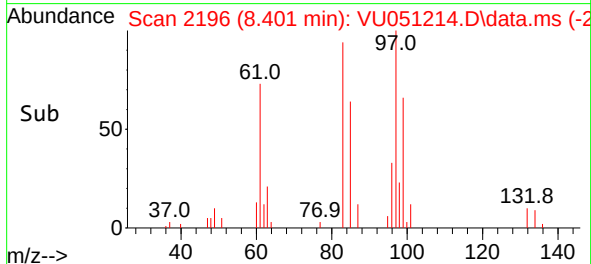
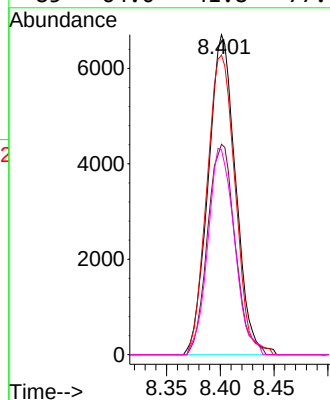
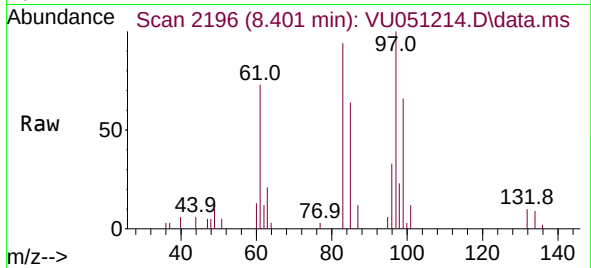




#45
1,1,2-Trichloroethane
Concen: 0.816 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

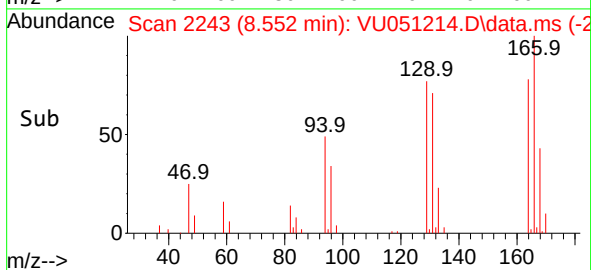
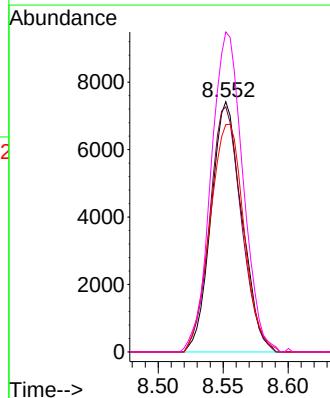
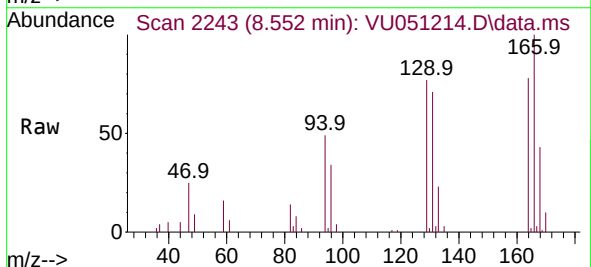
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

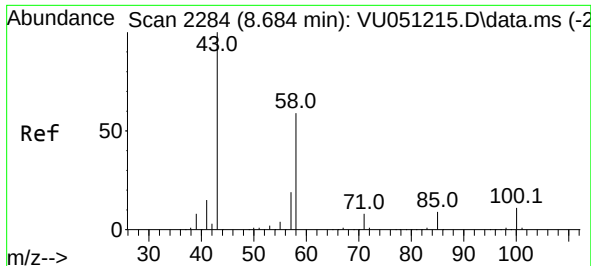
Tgt Ion:	97	Resp:	11915
Ion	Ratio	Lower	Upper
97	100		
99	65.7	45.3	84.1
83	93.6	63.1	117.1
85	64.0	41.8	77.6



#47
Tetrachloroethene
Concen: 1.023 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:	164	Resp:	12200
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.3	132.3
131	90.9	66.9	124.3
166	127.9	90.9	168.7

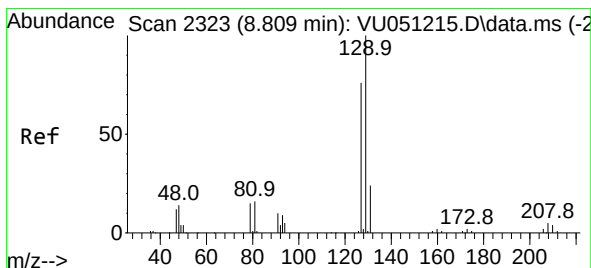
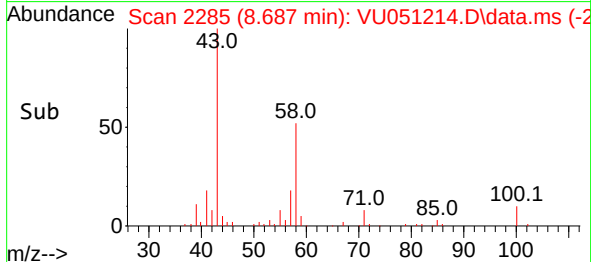
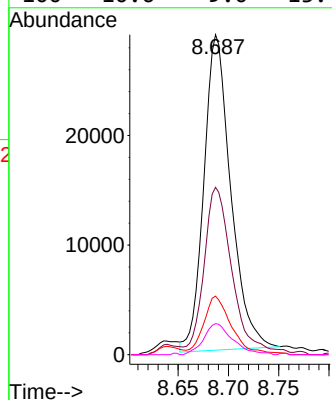
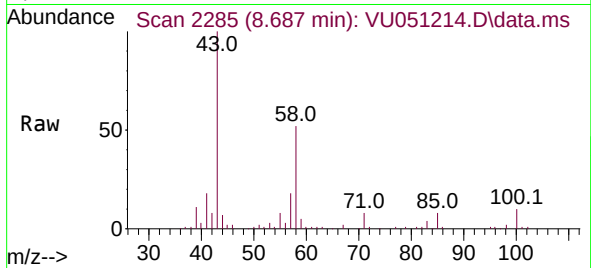




#48
2-Hexanone
Concen: 5.257 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

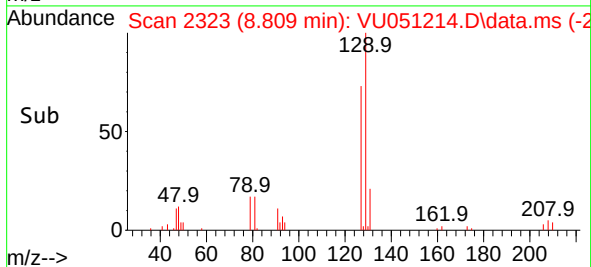
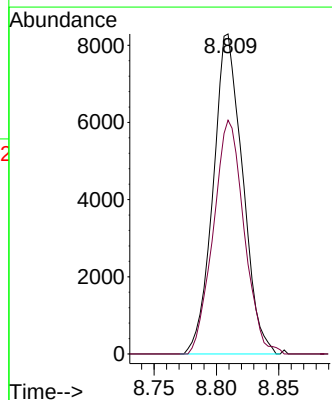
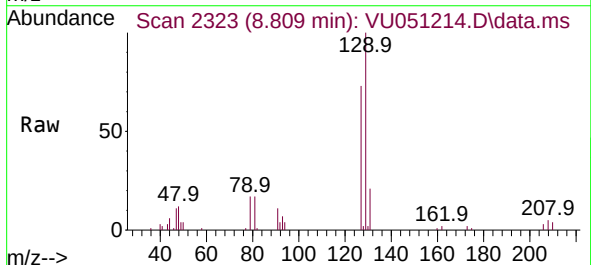
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

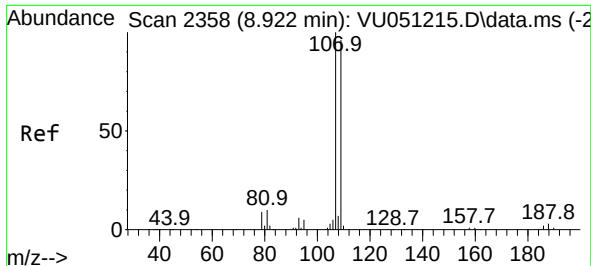
Tgt Ion: 43	Resp: 53624
Ion Ratio	Lower Upper
43 100	
58 54.3	48.2 72.2
57 19.3	15.5 23.3
100 10.6	9.0 13.4



#49
Dibromochloromethane
Concen: 0.844 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:129	Resp:	13642	
Ion	Ratio	Lower	Upper
129	100		
127	73.1	53.5	99.3





#50

1,2-Dibromoethane

Concen: 0.810 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD001057

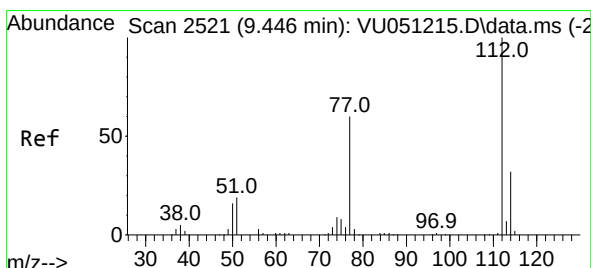
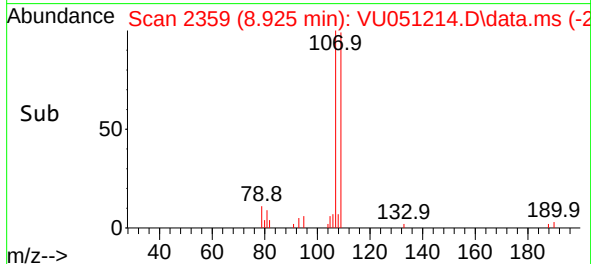
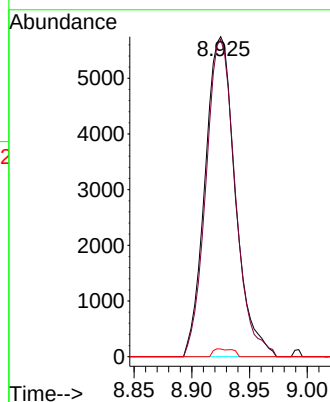
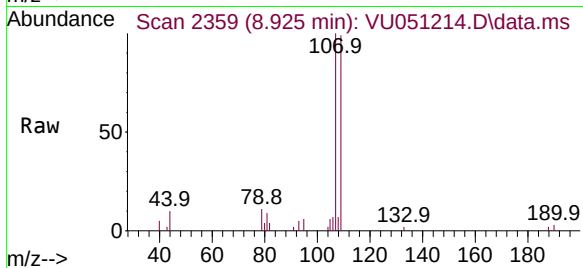
Tgt Ion:107 Resp: 10454

Ion Ratio Lower Upper

107 100

109 99.1 67.1 124.7

188 2.4 2.5 3.7#



#51

Chlorobenzene

Concen: 0.897 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

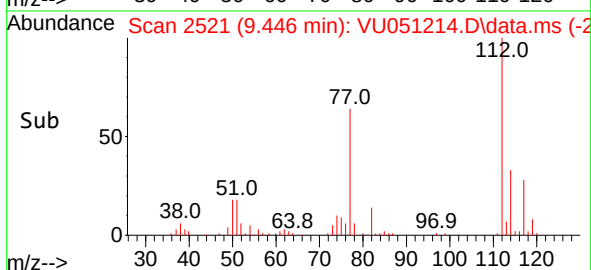
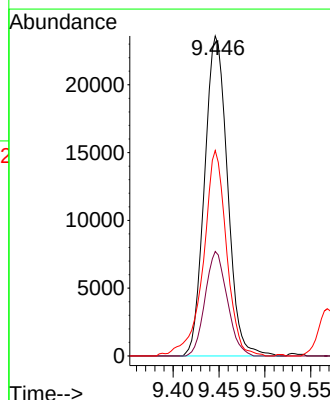
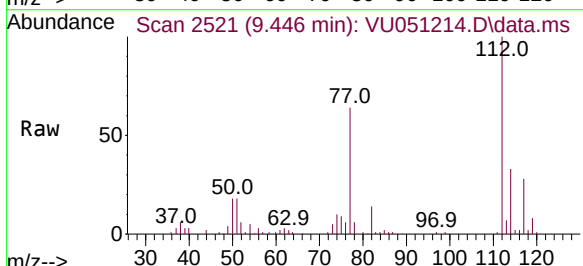
Tgt Ion:112 Resp: 41130

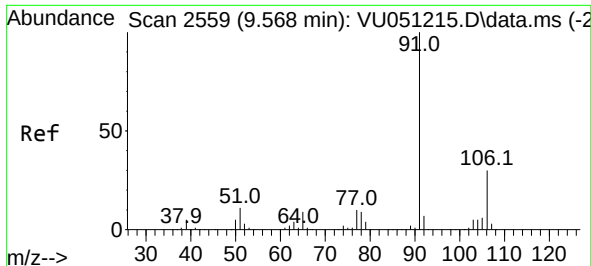
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

77 64.2 48.1 72.1

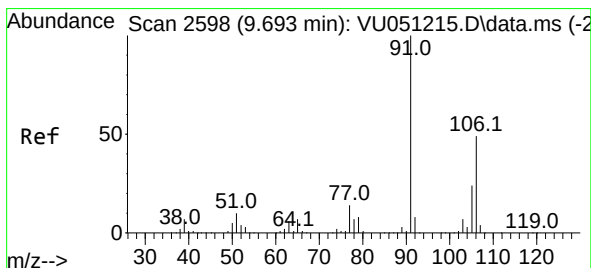
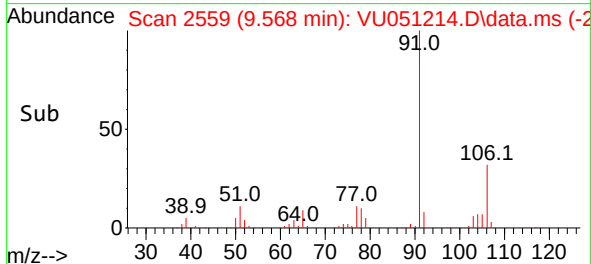
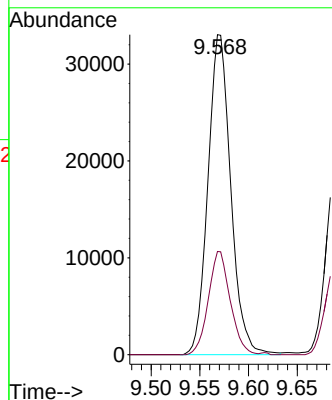
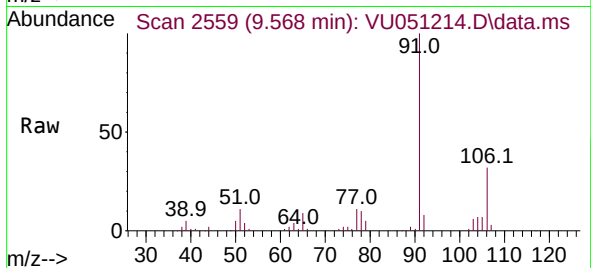




#52
Ethylbenzene
Concen: 0.743 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

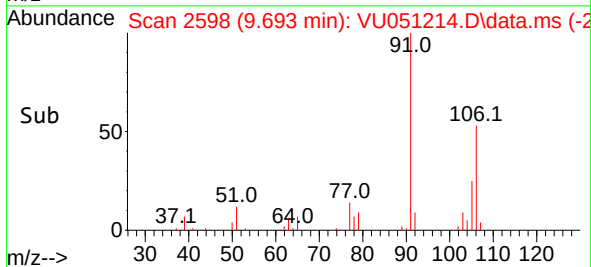
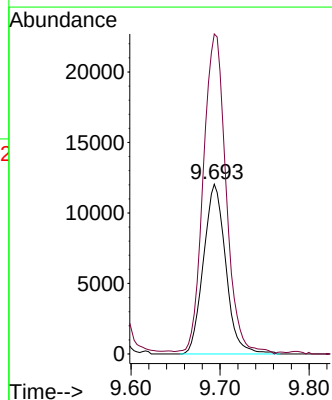
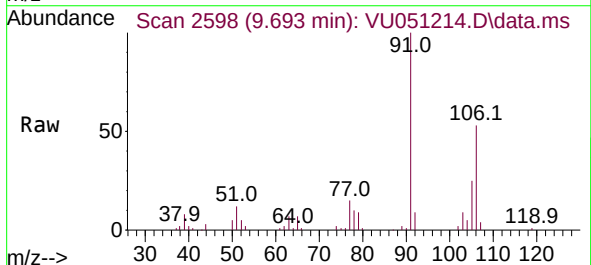
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

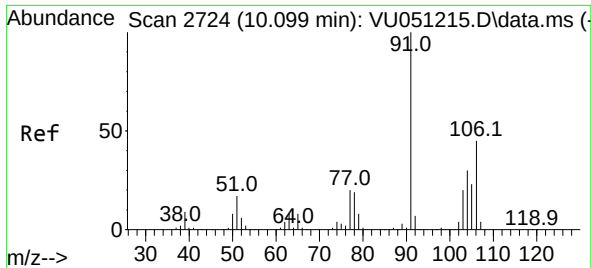
Tgt Ion: 91 Resp: 53817
Ion Ratio Lower Upper
91 100
106 32.3 20.9 38.7



#53
m,p-Xylene
Concen: 0.775 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 106 Resp: 20907
Ion Ratio Lower Upper
106 100
91 188.5 143.9 267.3

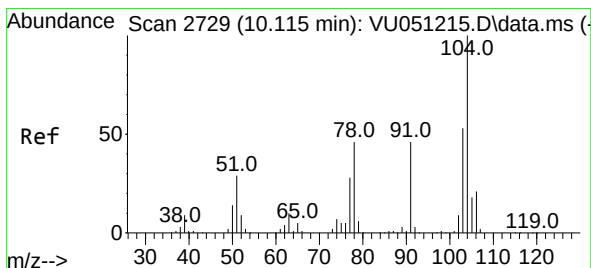
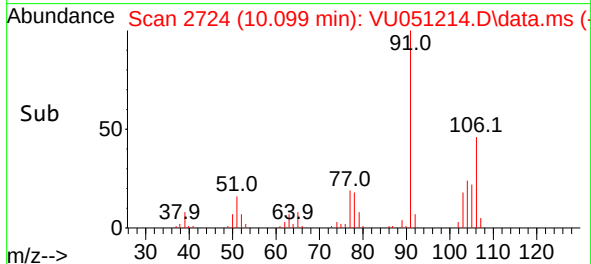
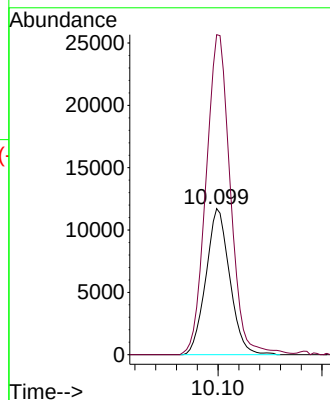
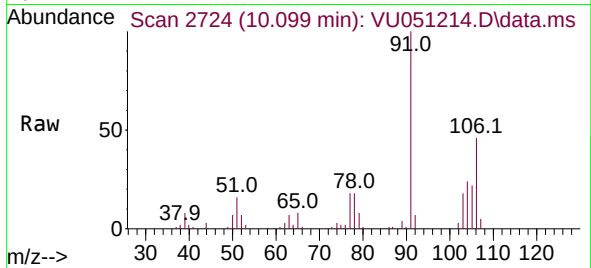




#54
o-Xylene
Concen: 0.705 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

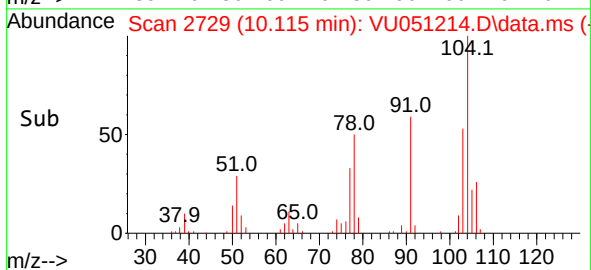
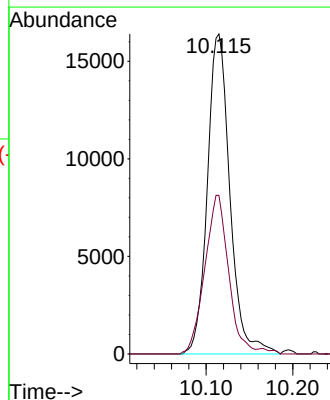
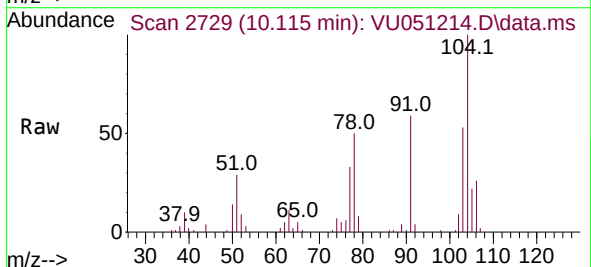
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

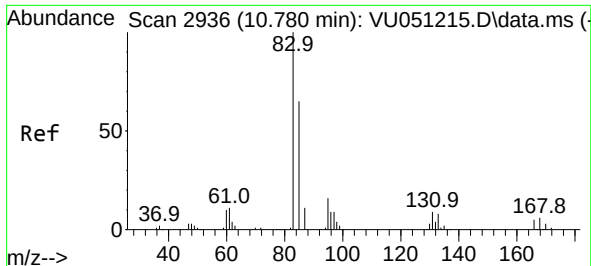
Tgt Ion:106 Resp: 18610
Ion Ratio Lower Upper
106 100
91 218.9 154.4 286.8



#55
Styrene
Concen: 0.657 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:104 Resp: 29719
Ion Ratio Lower Upper
104 100
78 49.5 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.826 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD001057

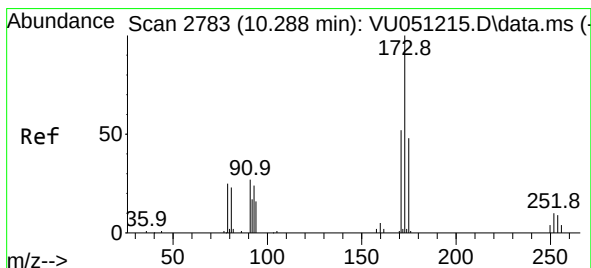
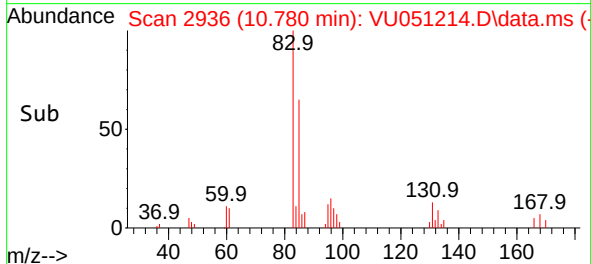
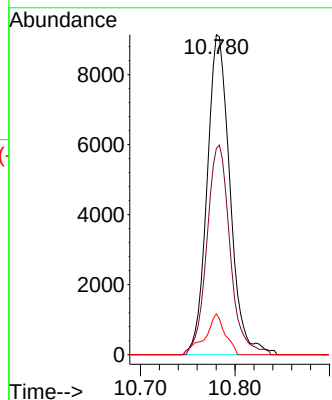
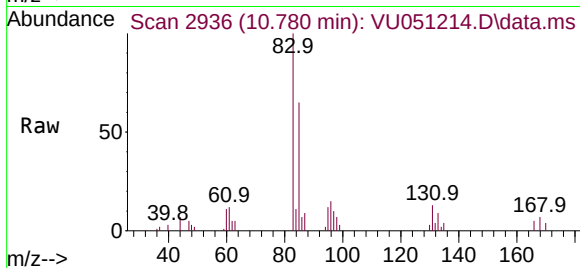
Tgt Ion: 83 Resp: 15391

Ion Ratio Lower Upper

83 100

85 64.5 45.9 85.3

131 12.8 7.4 11.2#



#59

Bromoform

Concen: 1.009 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051214.D

Acq: 07 Oct 2022 12:01

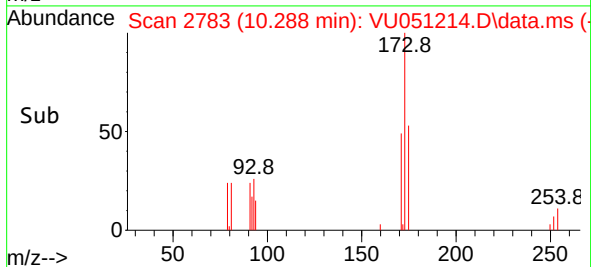
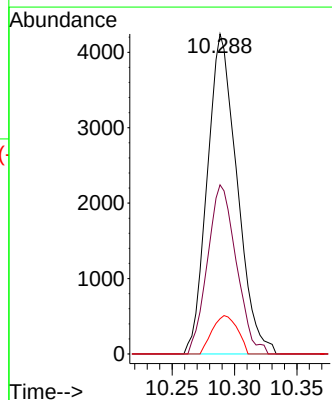
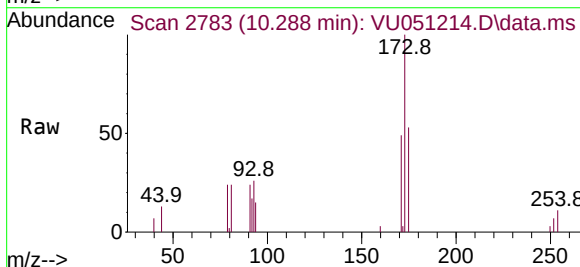
Tgt Ion: 173 Resp: 7044

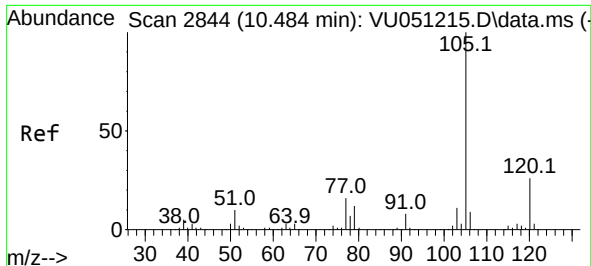
Ion Ratio Lower Upper

173 100

175 51.2 39.0 58.4

254 10.2 7.5 11.3

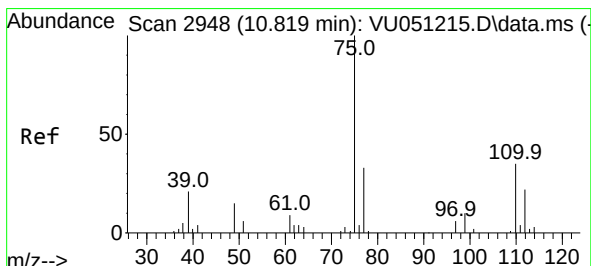
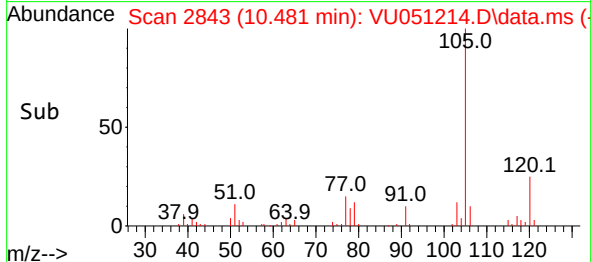
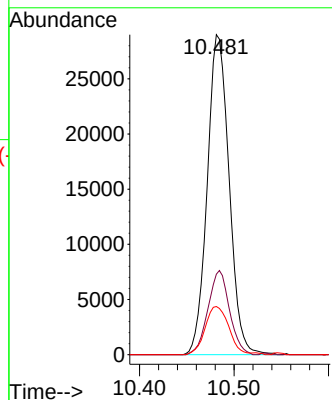
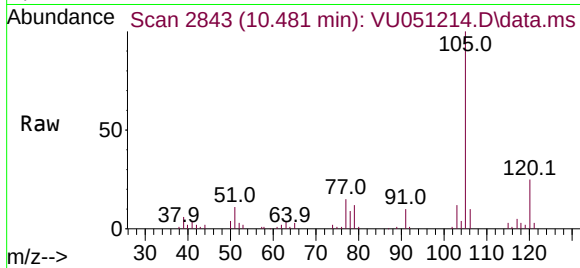




#60
Isopropylbenzene
Concen: 0.882 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

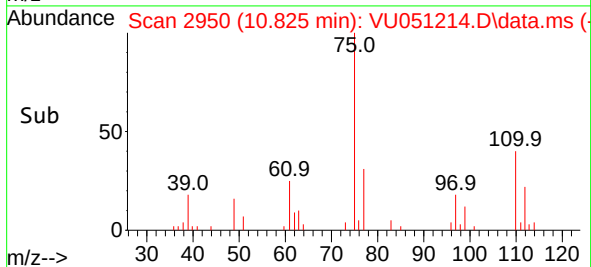
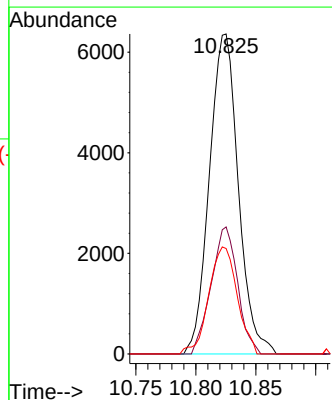
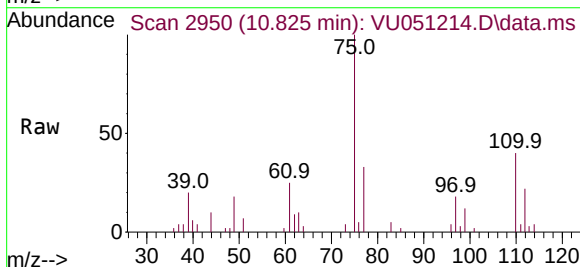
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

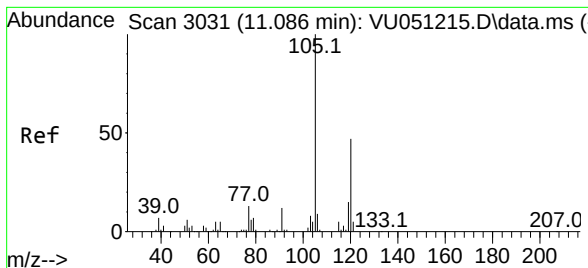
Tgt Ion:105 Resp: 46617
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 16.3 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 1.002 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.006 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 75 Resp: 10670
Ion Ratio Lower Upper
75 100
110 36.3 27.0 40.6
77 32.8 26.4 39.6

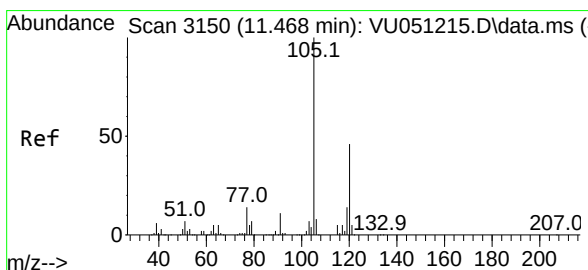
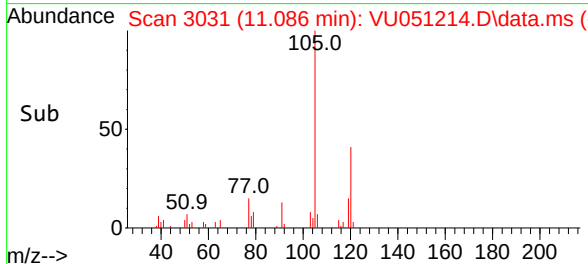
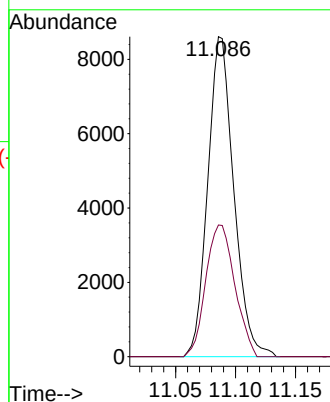
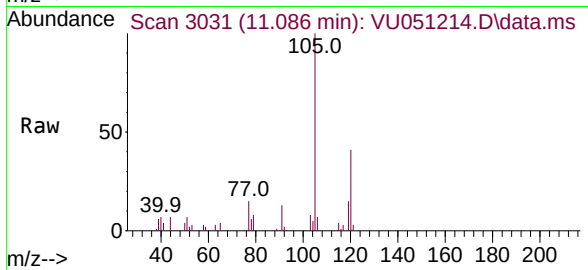




#62
 1,3,5-Trimethylbenzene
 Concen: 0.337 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

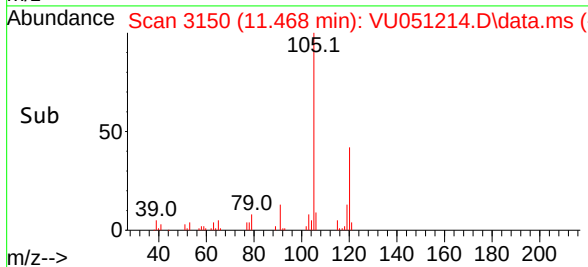
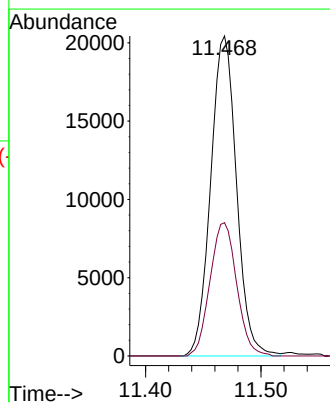
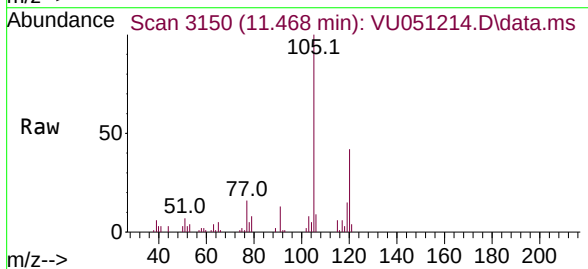
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

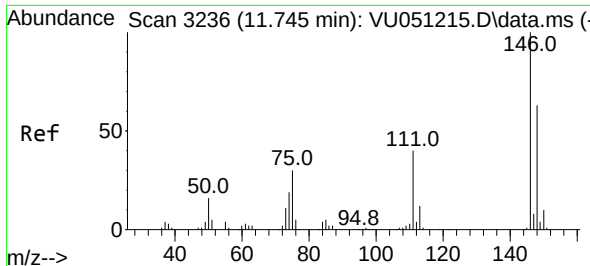
Tgt Ion:105 Resp: 12978
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.748 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

Tgt Ion:105 Resp: 31736
 Ion Ratio Lower Upper
 105 100
 120 43.0 35.6 53.4

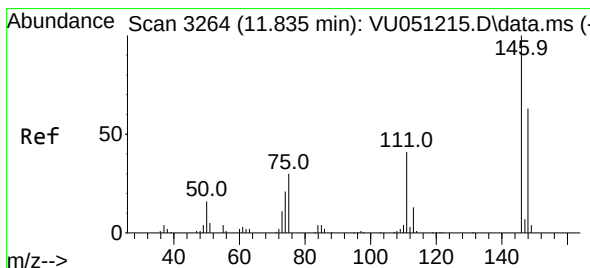
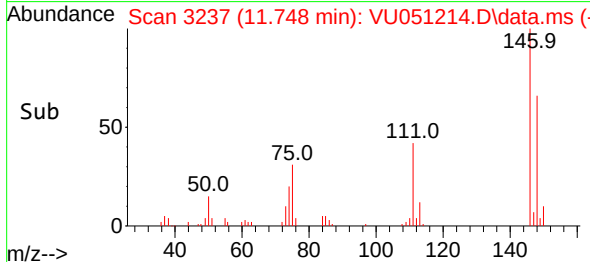
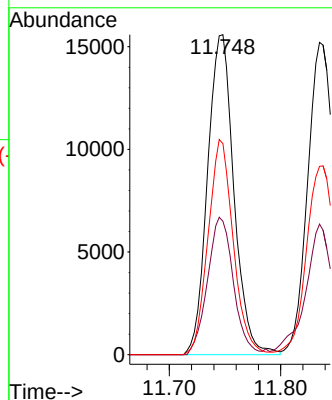
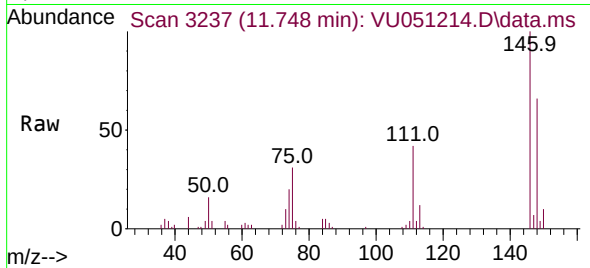




#64
1,3-Dichlorobenzene
Concen: 0.973 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

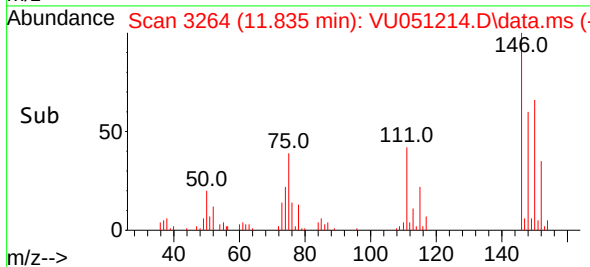
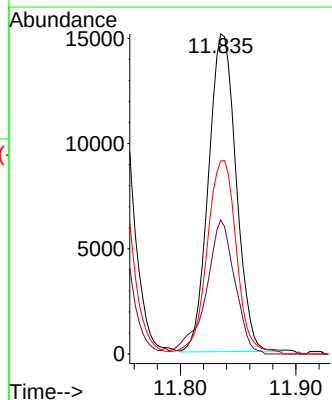
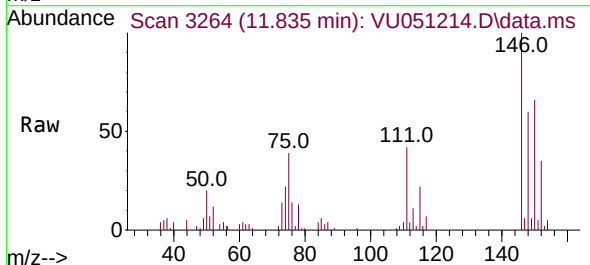
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

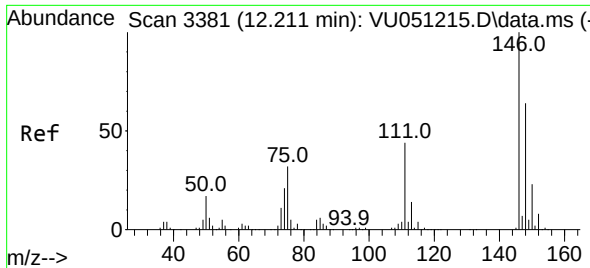
Tgt Ion:146 Resp: 25623
Ion Ratio Lower Upper
146 100
111 41.7 28.3 52.7
148 66.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 0.960 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:146 Resp: 25076
Ion Ratio Lower Upper
146 100
111 41.8 29.1 54.1
148 60.3 44.2 82.0

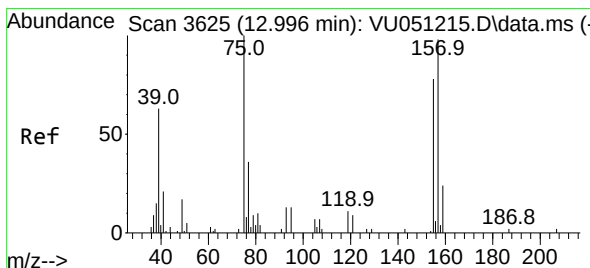
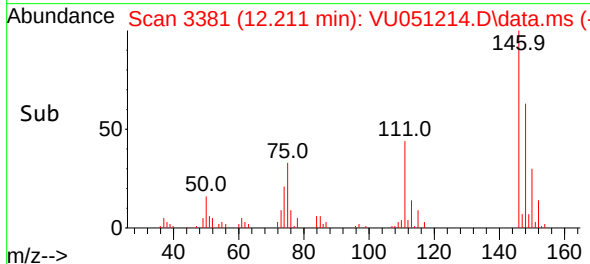
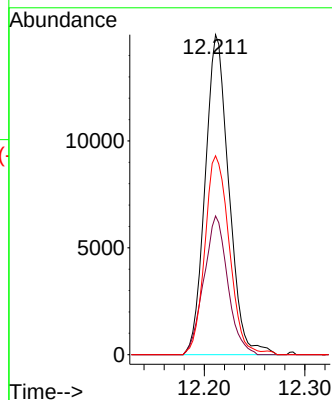
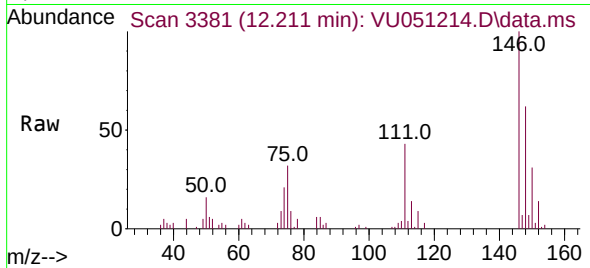




#67
1,2-Dichlorobenzene
Concen: 0.940 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

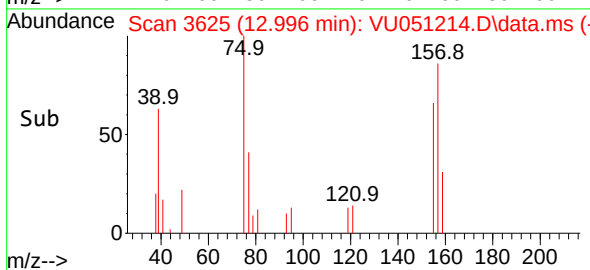
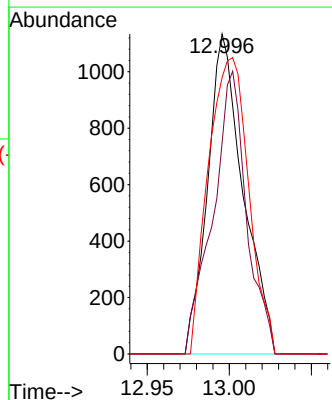
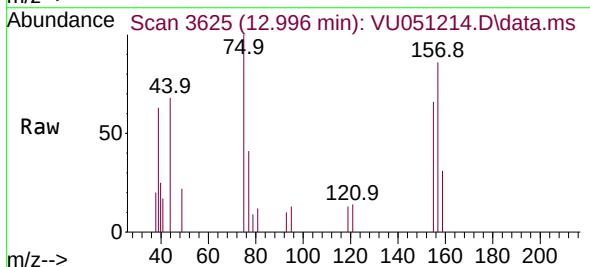
Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

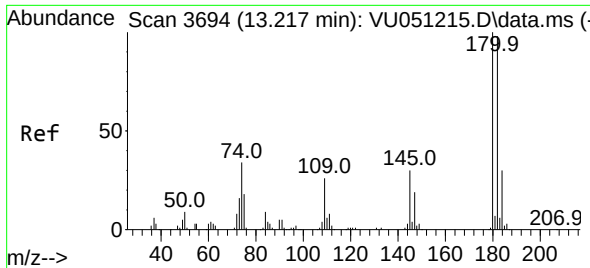
Tgt Ion:146 Resp: 24486
Ion Ratio Lower Upper
146 100
111 43.4 35.5 53.3
148 62.2 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.729 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion: 75 Resp: 1707
Ion Ratio Lower Upper
75 100
155 66.0 62.7 94.1
157 86.4 78.3 117.5

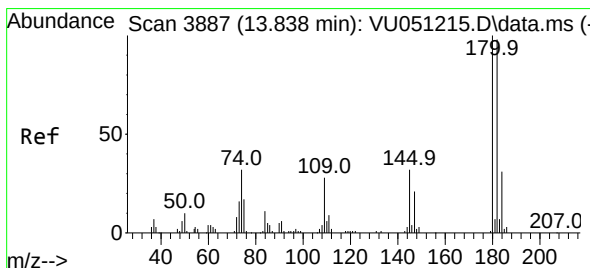
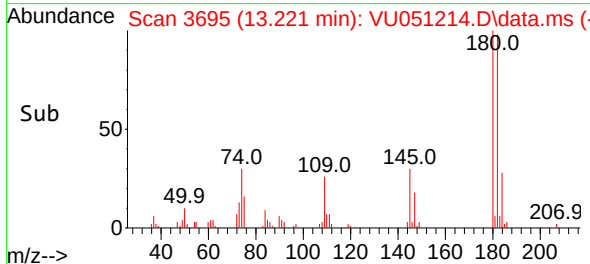
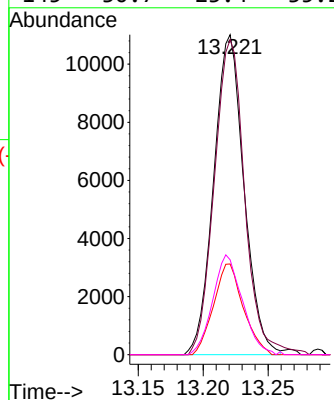
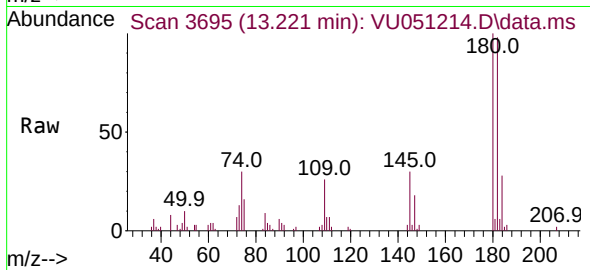




#69
 1,3,5-Trichlorobenzene
 Concen: 0.924 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

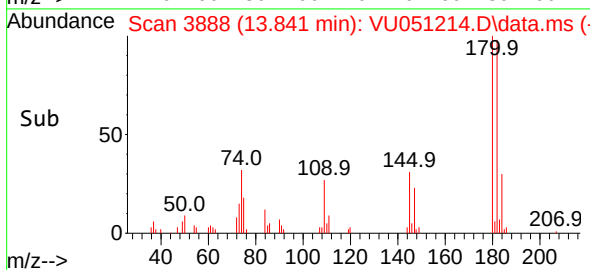
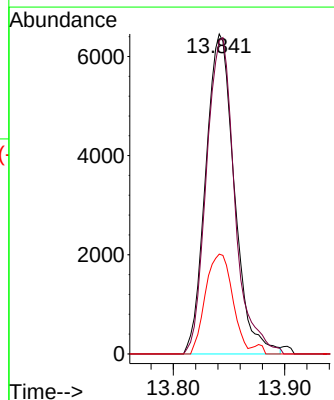
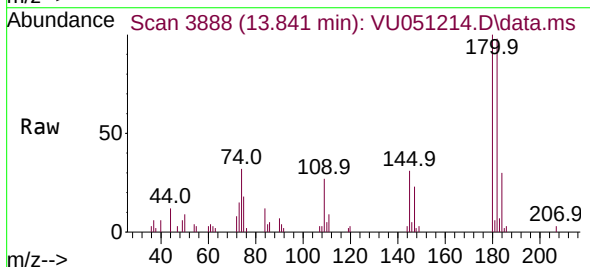
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

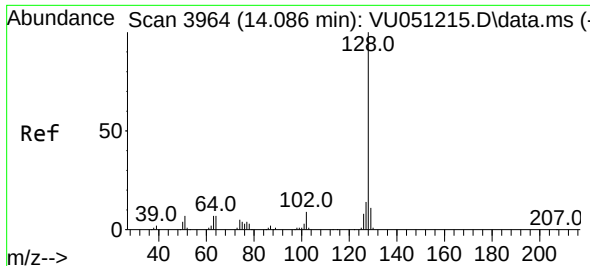
Tgt Ion:	180	Resp:	17776
Ion Ratio	Lower	Upper	
180	100		
182	99.0	77.7	116.5
184	27.9	23.6	35.4
145	30.7	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.728 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051214.D
 Acq: 07 Oct 2022 12:01

Tgt Ion:	180	Resp:	11531
Ion Ratio	Lower	Upper	
180	100		
182	97.4	78.7	118.1
145	29.5	25.0	37.4

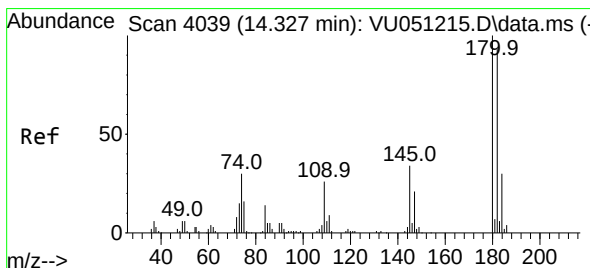
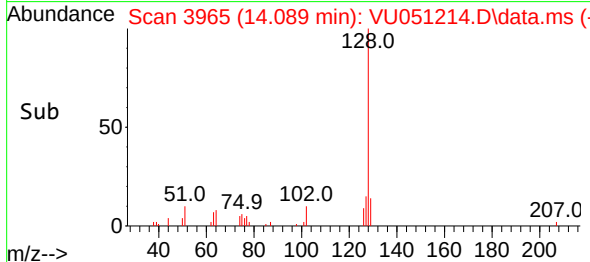
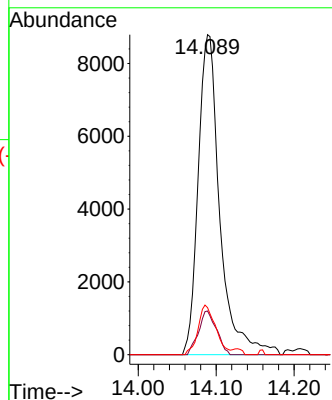
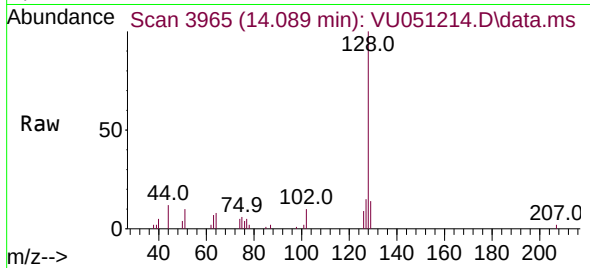




#71
Naphthalene
Concen: 0.553 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD001057

Tgt Ion:128 Resp: 16938
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 12.6 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 0.716 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051214.D
Acq: 07 Oct 2022 12:01

Tgt Ion:180 Resp: 10989
Ion Ratio Lower Upper
180 100
182 94.4 76.6 114.8
145 32.1 25.8 38.8

