

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050423.D
 Acq On : 24 Aug 2022 12:55
 Operator : SY/MD
 Sample : VSTD20011
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200011

Quant Time: Aug 25 04:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 04:23:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	397622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	394914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	863105	238.132	ug/L	0.00
7) Chloroethane-d5	1.893	69	450452	167.195	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.559	63	1280644	210.232	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1267939	433.753	ug/L	0.00
24) Chloroform-d	5.060	84	1422524	227.146	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	864518	207.474	ug/L	0.00
32) Benzene-d6	5.726	84	2926462	231.265	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	948731	225.488	ug/L	0.00
41) Toluene-d8	7.899	98	2653788	239.119	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	439250	248.151	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	908201	496.426	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1504804	249.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	984409	240.127	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	571250	128.189	ug/L	100
3) Chloromethane	1.517	50	632176	128.153	ug/L	99
5) Vinyl chloride	1.601	62	648690	143.569	ug/L	100
6) Bromomethane	1.845	94	236774	116.394	ug/L	97
8) Chloroethane	1.912	64	293066	114.200	ug/L	100
9) Trichlorofluoromethane	2.125	101	832130	148.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	521215	174.036	ug/L	99
12) 1,1-Dichloroethene	2.572	96	476045	171.677	ug/L	99
13) Acetone	2.633	43	627084	245.379	ug/L	100
14) Carbon disulfide	2.784	76	1169400	130.077	ug/L	100
15) Methyl Acetate	2.948	43	690804	161.462	ug/L	99
16) Methylene chloride	3.038	84	613811	173.277	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	506103	167.227	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	1796071	176.162	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1049966	166.874	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	639428	185.676	ug/L	100
22) 2-Butanone	4.703	43	1069659	307.529	ug/L	100
23) Bromochloromethane	4.970	128	320458	184.767	ug/L	98
25) Chloroform	5.086	83	1106376	173.307	ug/L	100
27) 1,2-Dichloroethane	5.793	62	828865	155.353	ug/L	99
29) Cyclohexane	5.385	56	840411	147.717	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	871246	158.592	ug/L	99
31) Carbon tetrachloride	5.523	117	710827	158.161	ug/L	100
33) Benzene	5.774	78	2396466	166.110	ug/L	100
34) Trichloroethene	6.542	95	572802	165.396	ug/L	99
35) Methylcyclohexane	6.761	83	907411	171.059	ug/L	97
37) 1,2-Dichloropropane	6.790	63	675351	169.065	ug/L	100
38) Bromodichloromethane	7.105	83	855354	171.306	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	1022642	191.084	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	2036545	322.906	ug/L	98
42) Toluene	7.970	91	2553802	177.419	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	948501	187.369	ug/L	100

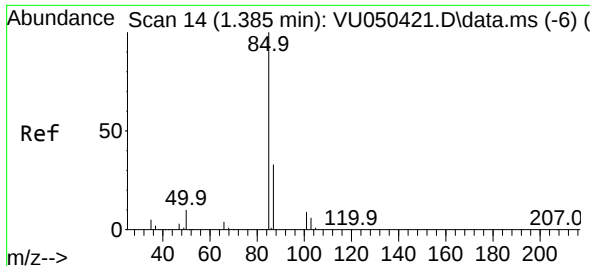
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
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 QLast Update : Thu Aug 25 04:23:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	657277	183.413	ug/L	98
46) Tetrachloroethene	8.555	164	409652	169.411	ug/L	97
48) 2-Hexanone	8.690	43	1661444	325.098	ug/L	98
49) Dibromochloromethane	8.812	129	700238	194.096	ug/L	97
50) 1,2-Dibromoethane	8.925	107	681311	191.098	ug/L	100
51) Chlorobenzene	9.446	112	1592917	181.426	ug/L	98
52) Ethylbenzene	9.571	91	2772927	185.217	ug/L	98
53) m,p-Xylene	9.693	106	1041717	189.340	ug/L	99
54) o-Xylene	10.102	106	1050125	190.271	ug/L	100
55) Styrene	10.115	104	1856755	201.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	1254617	195.948	ug/L	99
59) Bromoform	10.291	173	545580	194.355	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	941198	172.221	ug/L	100
61) Isopropylbenzene	10.484	105	2731751	182.230	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2353395	188.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2348190	189.448	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1244070	187.064	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1248507	186.879	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1307145	188.352	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	277602	177.117	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	910093	197.321	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	820234	197.091	ug/L	99
71) Naphthalene	14.086	128	2993417	203.792	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	860568	197.387	ug/L	99

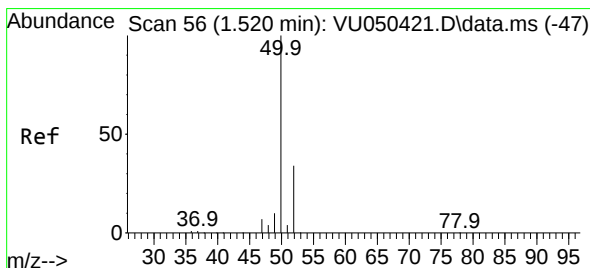
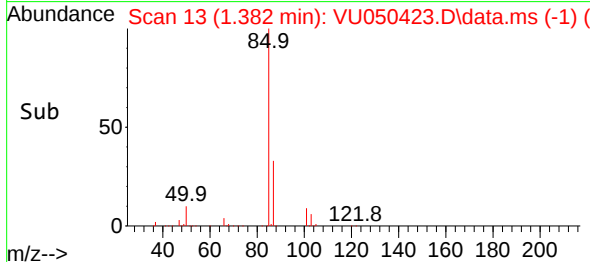
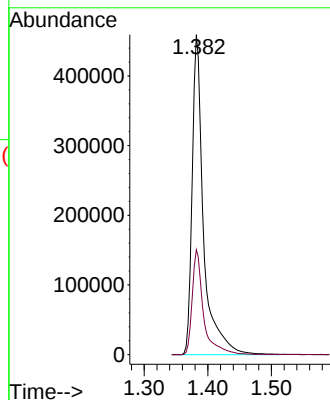
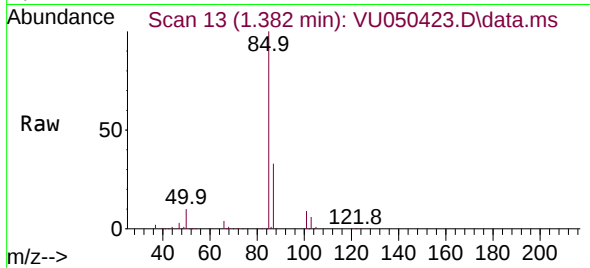
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 128.189 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

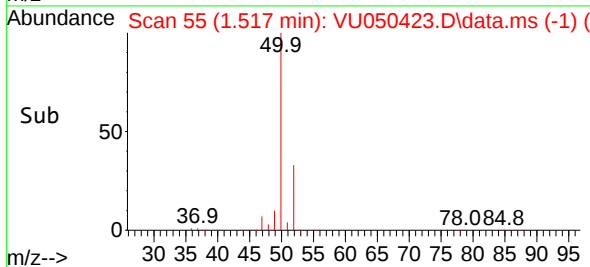
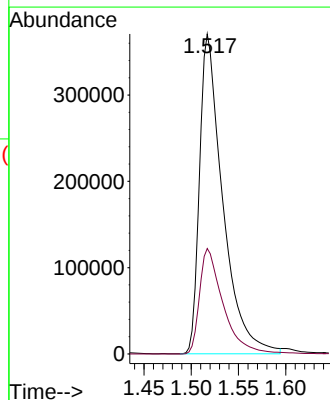
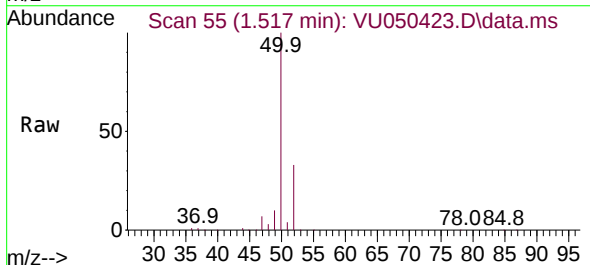
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

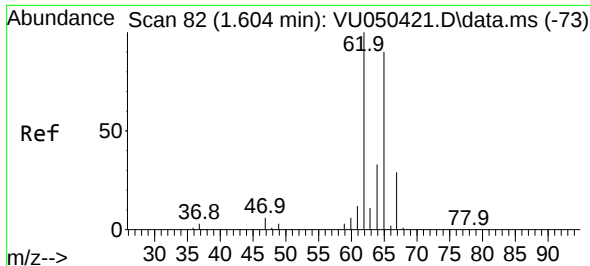
Tgt Ion: 85 Resp: 571250
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 128.153 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 50 Resp: 632176
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

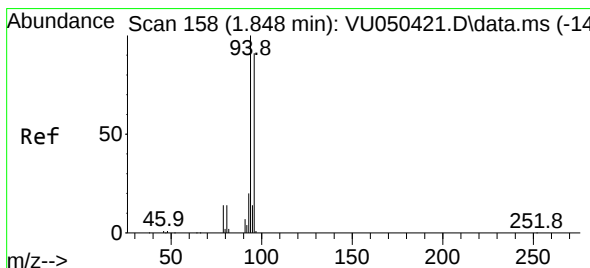
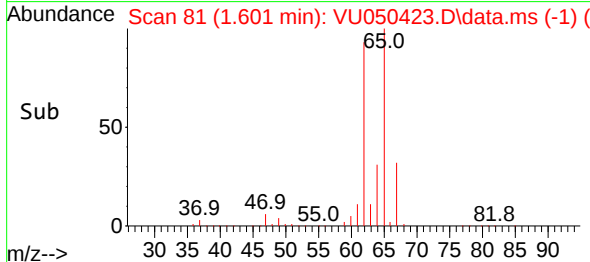
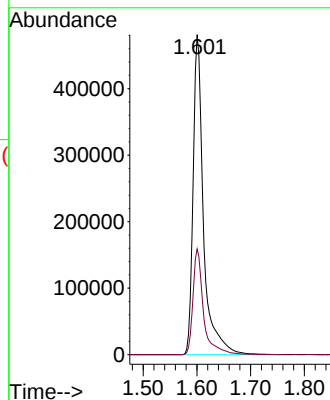
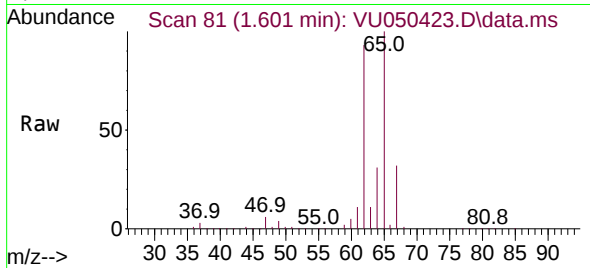




#5
 Vinyl chloride
 Concen: 143.569 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

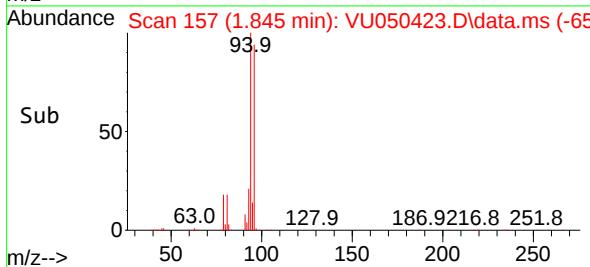
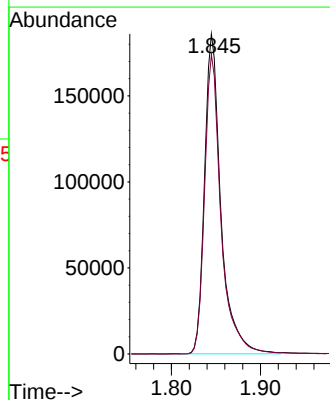
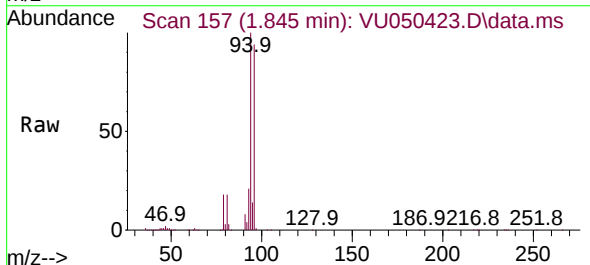
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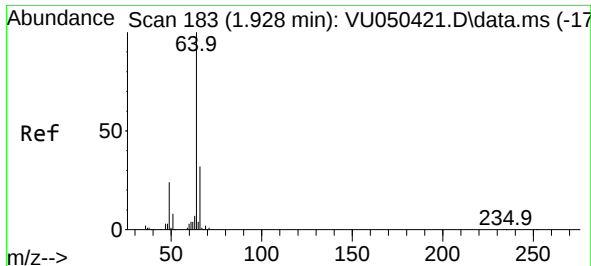
Tgt Ion: 62 Resp: 648690
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 116.394 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

Tgt Ion: 94 Resp: 236774
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.3 117.5

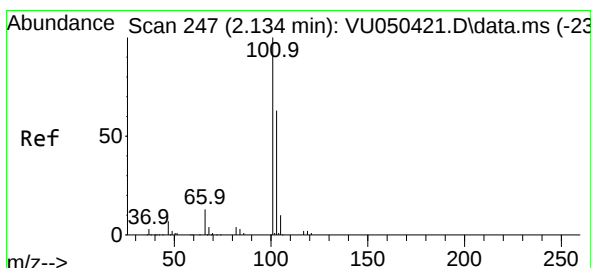
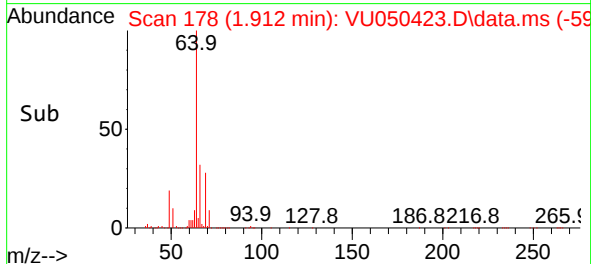
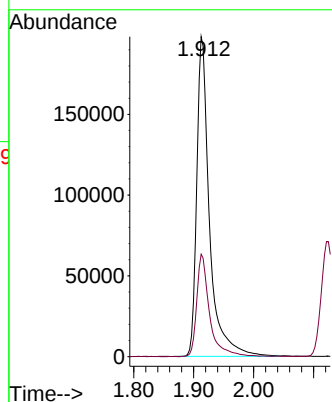
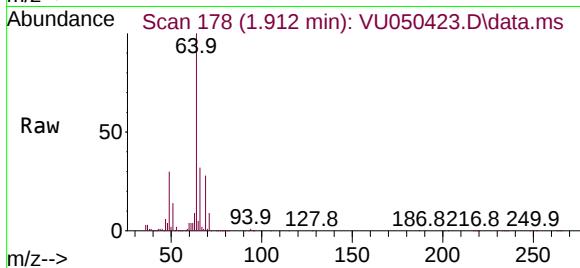




#8
Chloroethane
Concen: 114.200 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

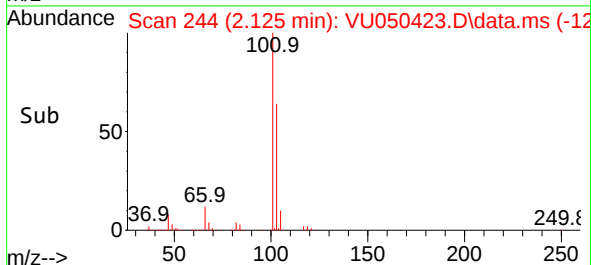
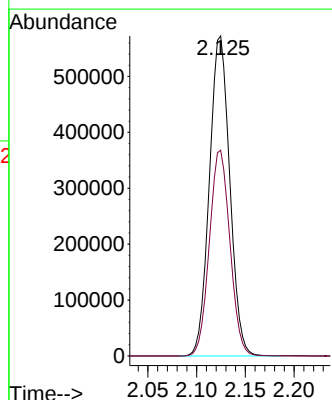
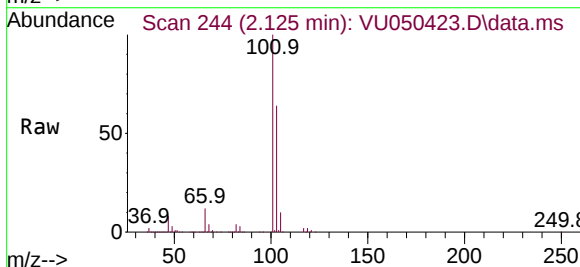
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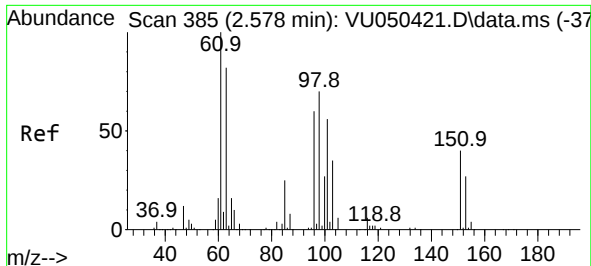
Tgt Ion: 64 Resp: 293066
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 148.622 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.010 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 101 Resp: 832130
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

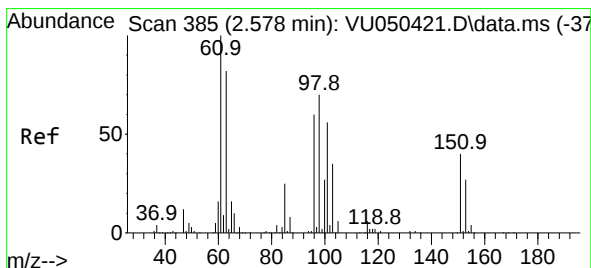
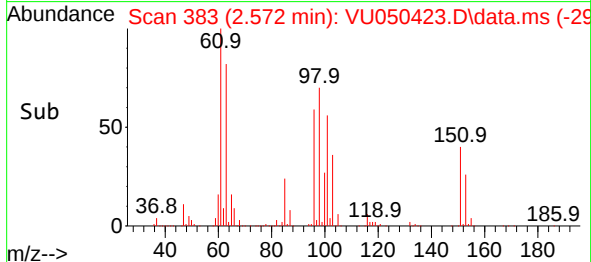
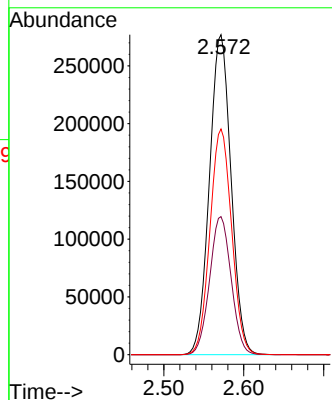
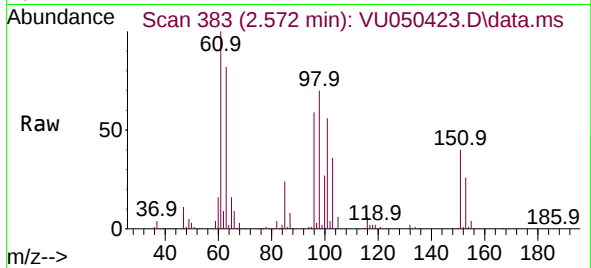




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 174.036 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

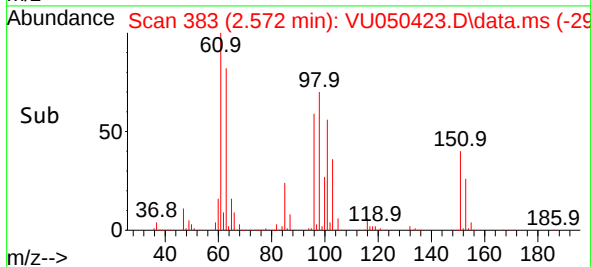
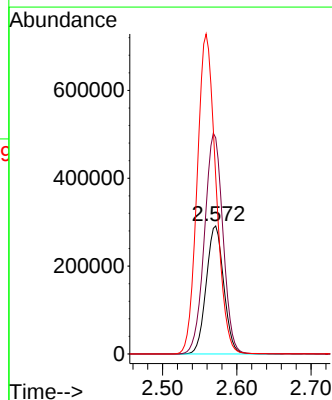
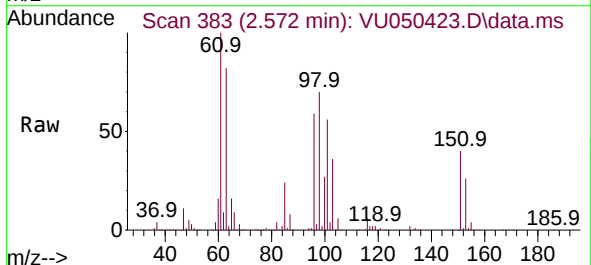
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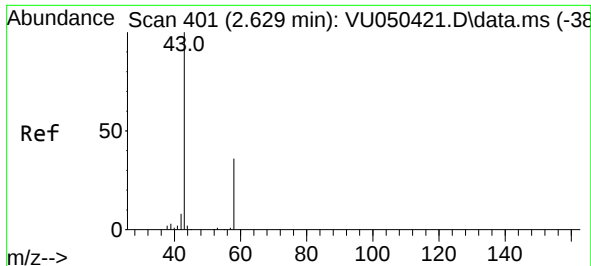
Tgt Ion:101 Resp: 521215
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.3 52.9
 151 70.7 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 171.677 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

Tgt Ion: 96 Resp: 476045
 Ion Ratio Lower Upper
 96 100
 61 168.8 116.8 216.8
 63 138.4 97.4 180.8





#13

Acetone

Concen: 245.379 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

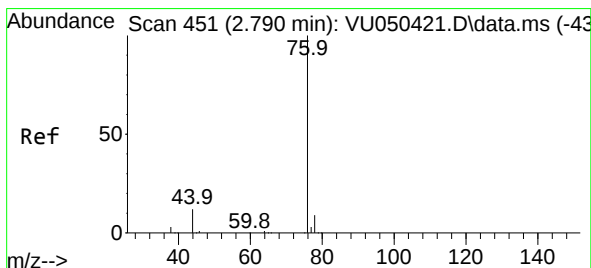
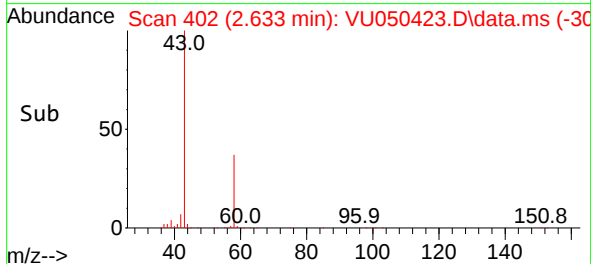
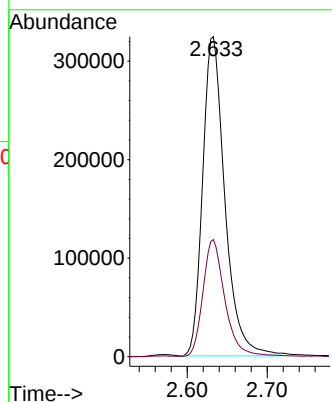
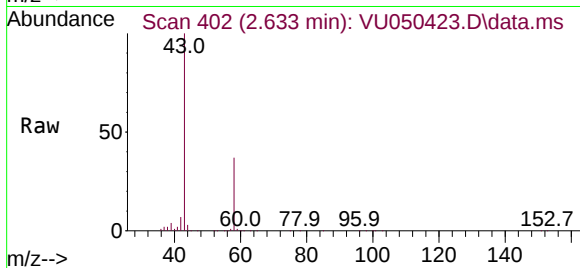
VSTD200011

Tgt Ion: 43 Resp: 627084

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.2



#14

Carbon disulfide

Concen: 130.077 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.006 min

Lab File: VU050423.D

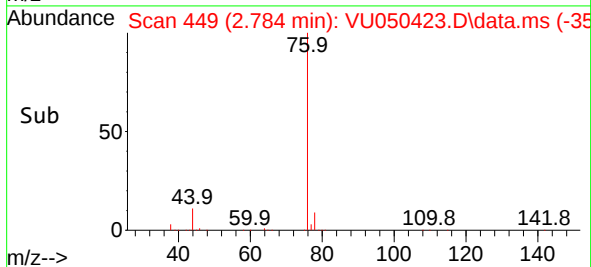
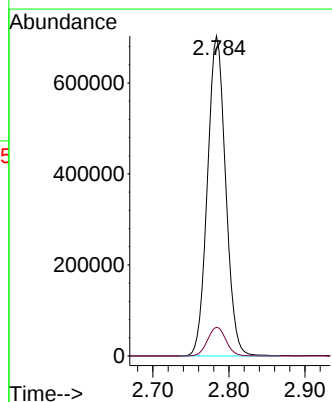
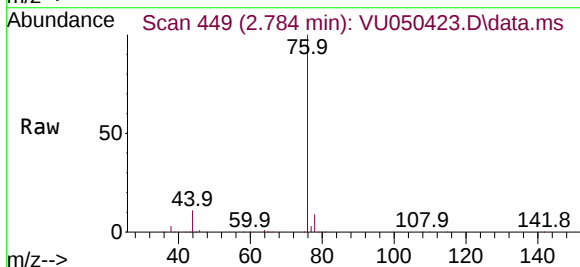
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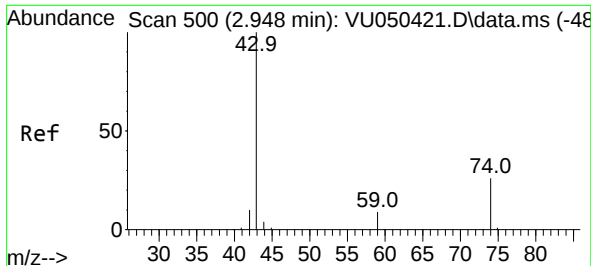
Tgt Ion: 76 Resp: 1169400

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

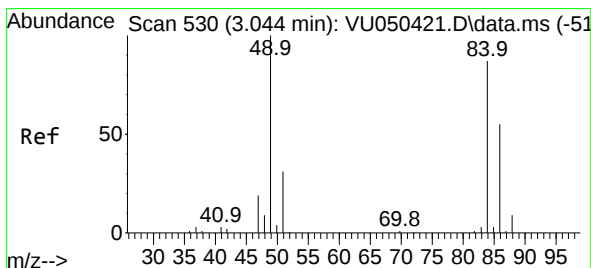
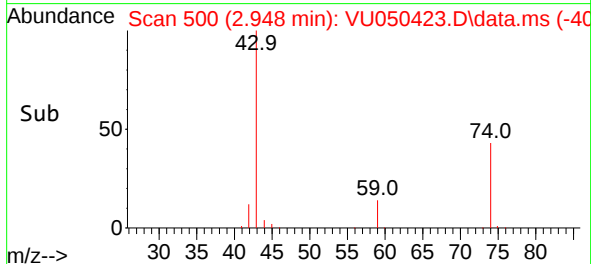
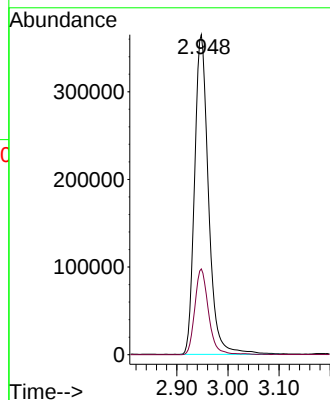
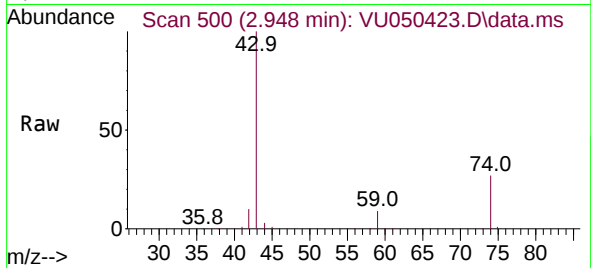




#15
Methyl Acetate
Concen: 161.462 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

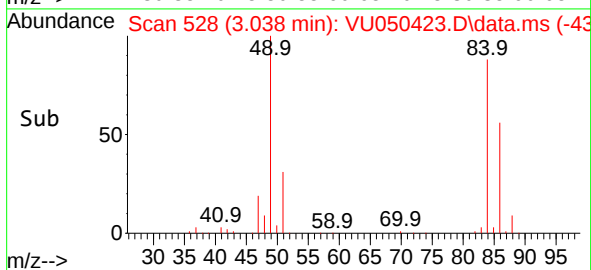
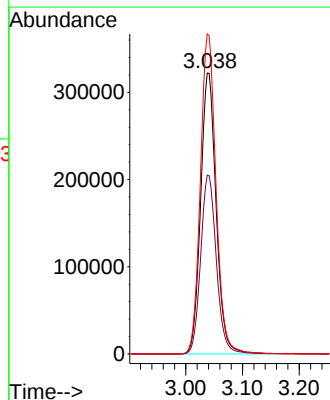
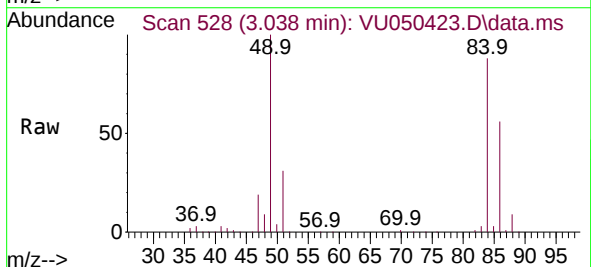
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

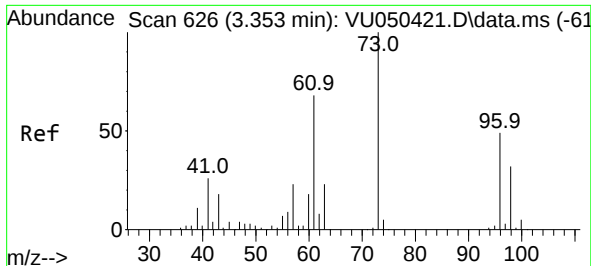
Tgt Ion: 43 Resp: 690804
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8



#16
Methylene chloride
Concen: 173.277 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.006 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 84 Resp: 613811
Ion Ratio Lower Upper
84 100
86 63.6 43.9 81.5
49 113.9 80.4 149.4

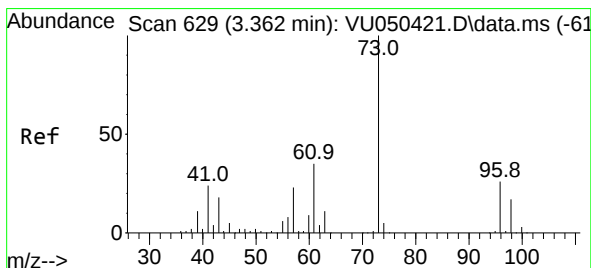
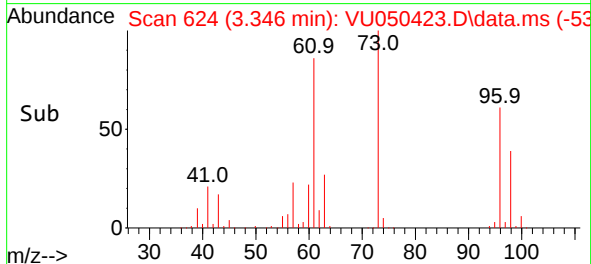
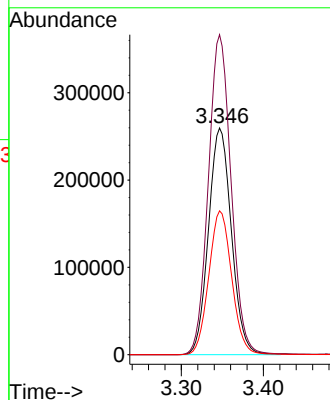
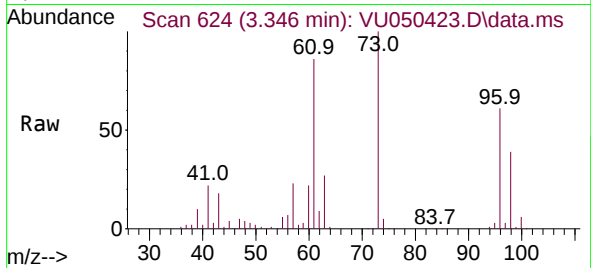




#17
trans-1,2-Dichloroethene
Concen: 167.227 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

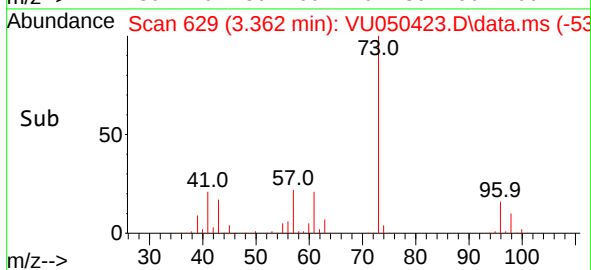
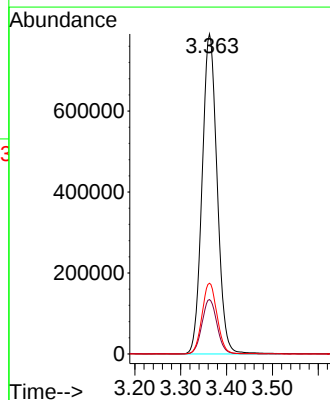
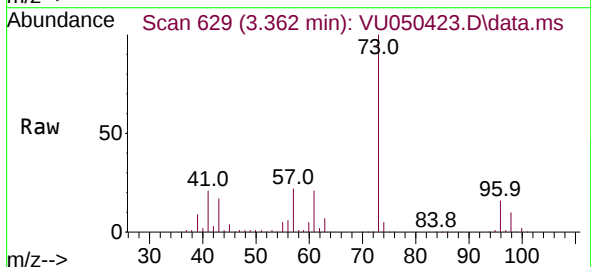
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

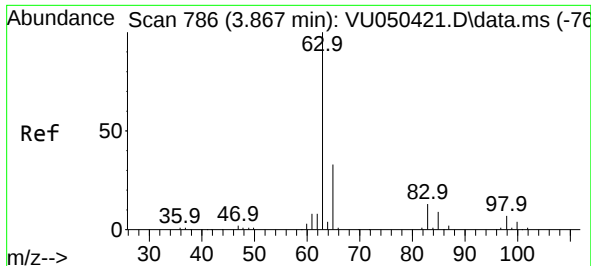
Tgt Ion: 96 Resp: 506103
Ion Ratio Lower Upper
96 100
61 141.2 98.5 182.9
98 63.4 45.7 84.9



#18
Methyl tert-butyl Ether
Concen: 176.162 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 73 Resp: 1796071
Ion Ratio Lower Upper
73 100
43 16.9 14.4 21.6
57 22.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 166.874 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

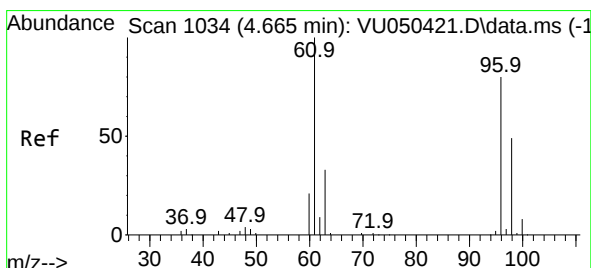
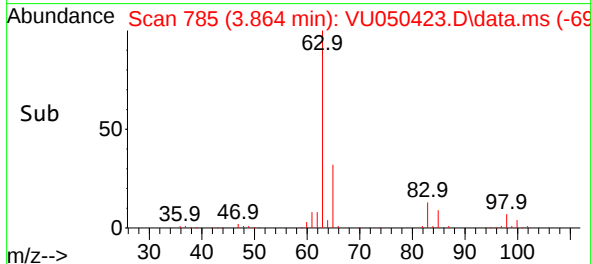
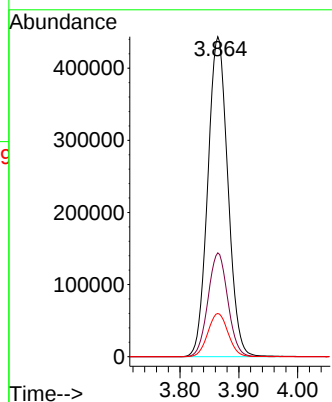
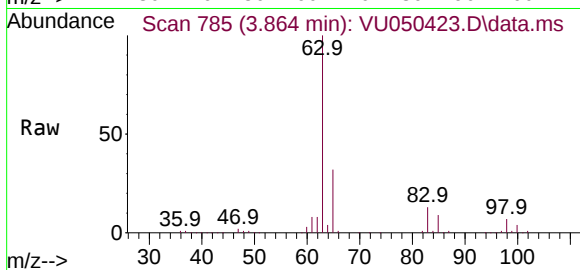
MSVOA_U

ClientSampleId :

VSTD200011

Tgt Ion: 63 Resp: 1049966

Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.3	43.3
83	13.5	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 185.676 ug/L

RT: 4.661 min Scan# 1033

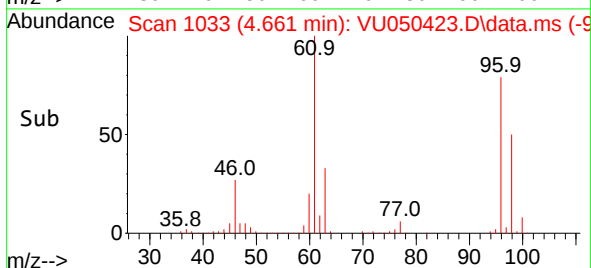
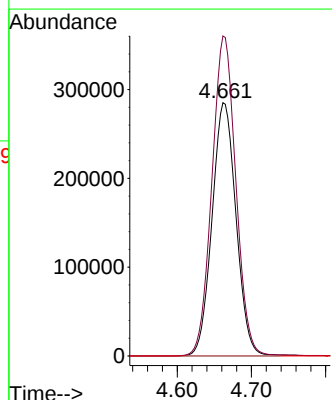
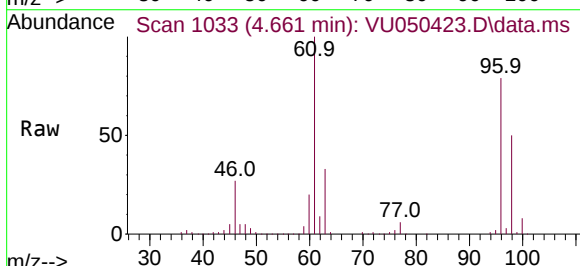
Delta R.T. -0.003 min

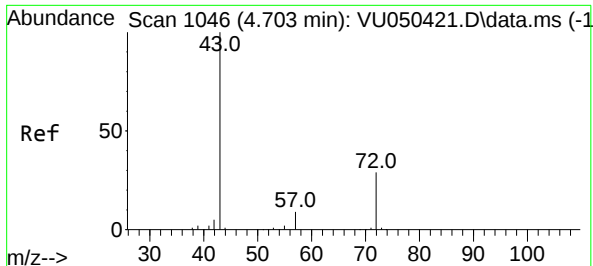
Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Tgt Ion: 96 Resp: 639428

Ion	Ratio	Lower	Upper
96	100		
61	126.4	88.1	163.5
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 307.529 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

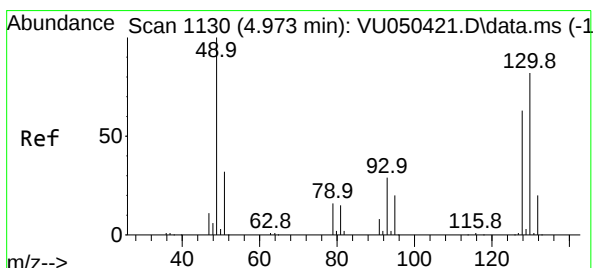
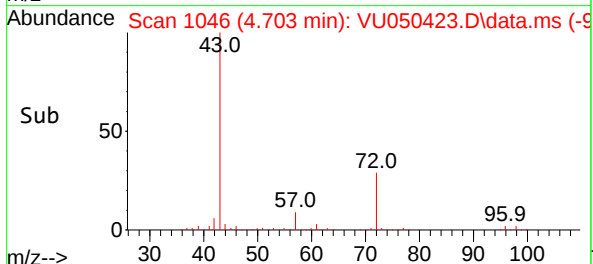
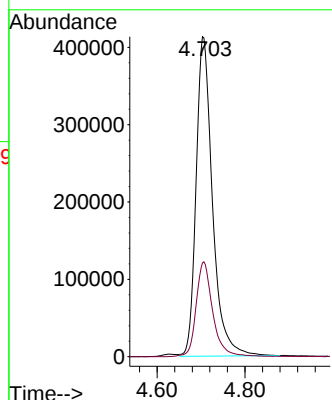
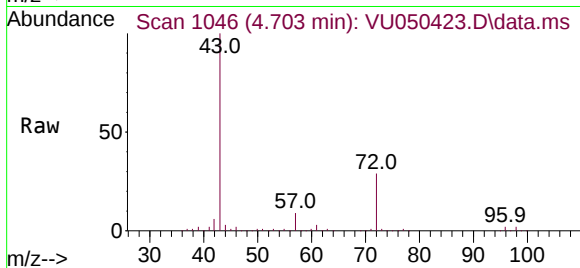
VSTD200011

Tgt Ion: 43 Resp: 1069659

Ion Ratio Lower Upper

43 100

72 30.2 15.0 45.0



#23

Bromochloromethane

Concen: 184.767 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Tgt Ion:128 Resp: 320458

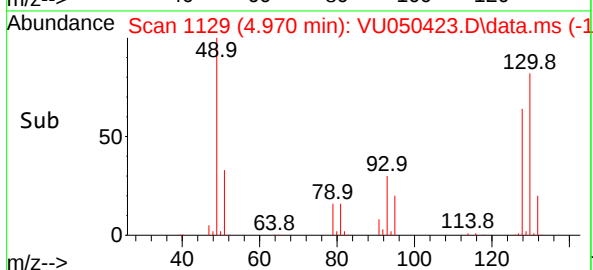
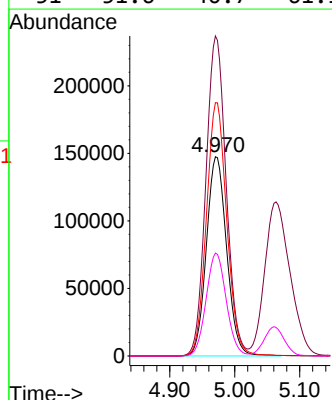
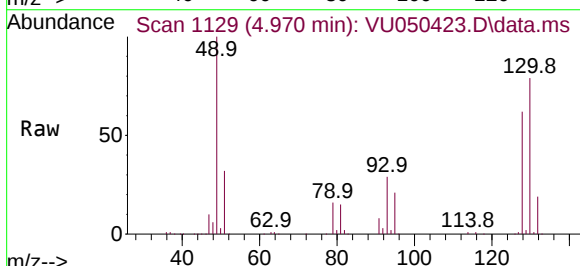
Ion Ratio Lower Upper

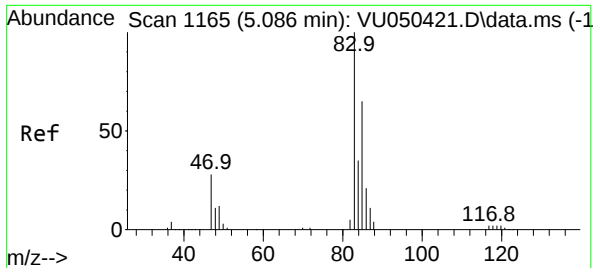
128 100

49 160.7 111.2 206.4

130 127.2 91.1 169.1

51 51.6 40.7 61.1

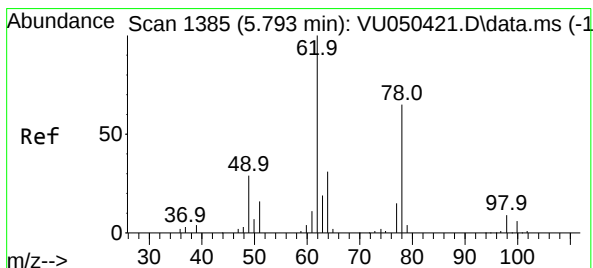
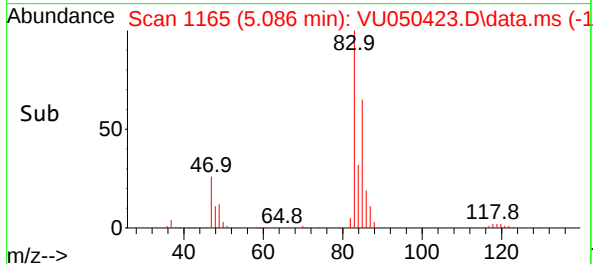
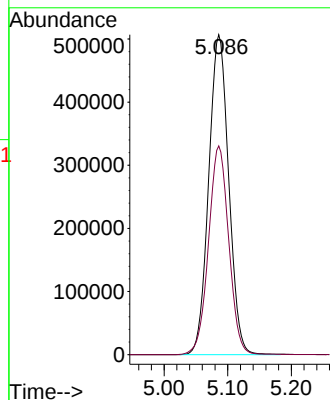
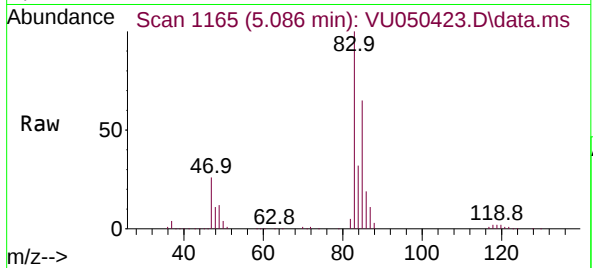




#25
Chloroform
Concen: 173.307 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

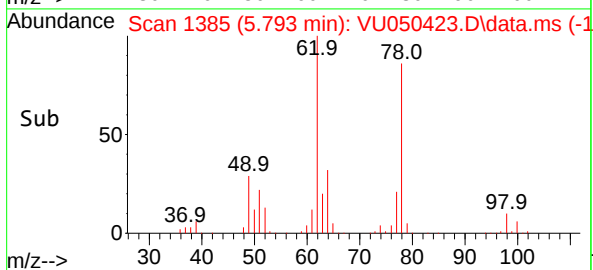
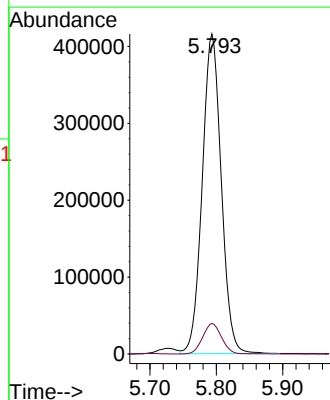
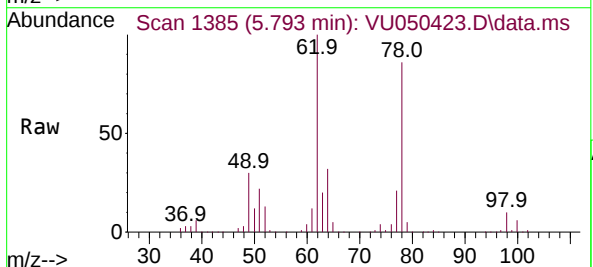
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

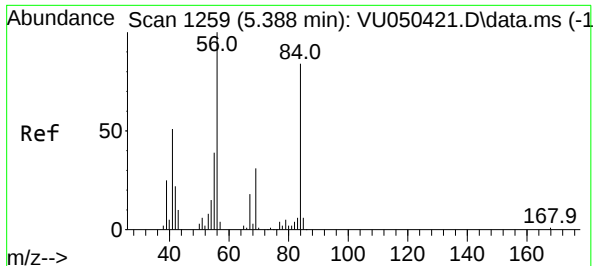
Tgt Ion: 83 Resp: 1106376
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 155.353 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 62 Resp: 828865
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#29

Cyclohexane

Concen: 147.717 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD200011

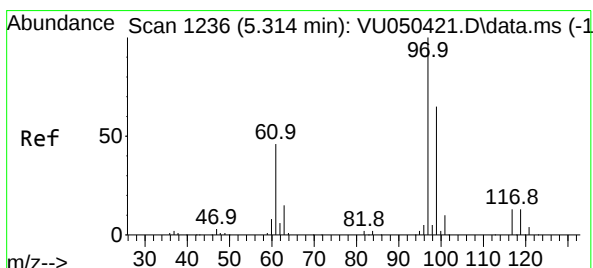
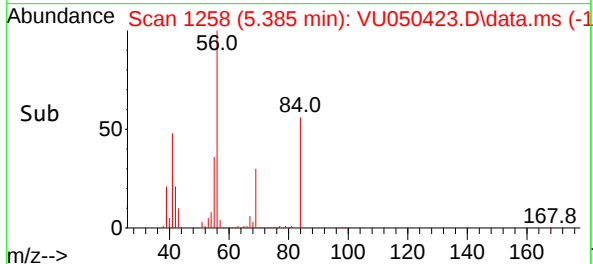
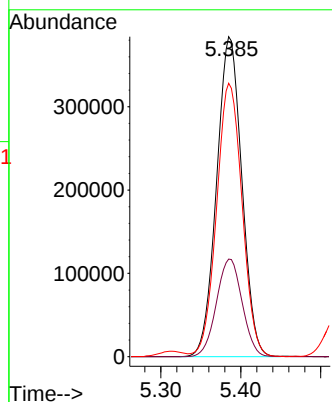
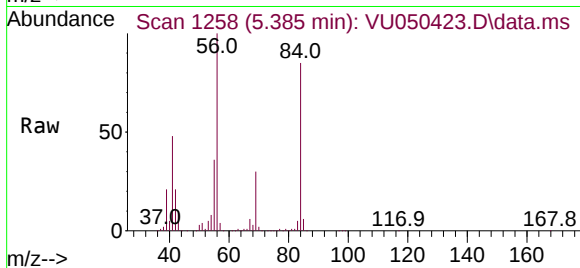
Tgt Ion: 56 Resp: 840411

Ion Ratio Lower Upper

56 100

69 31.1 24.6 36.8

84 86.6 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 158.592 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

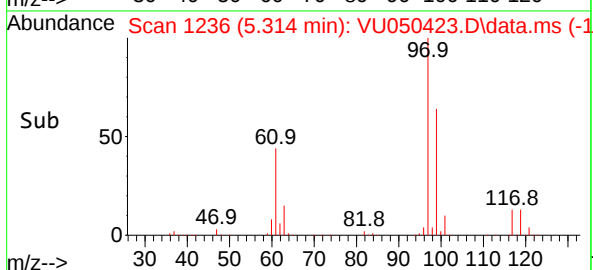
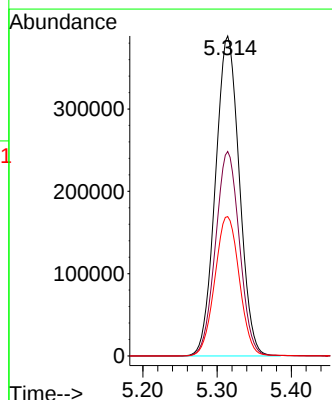
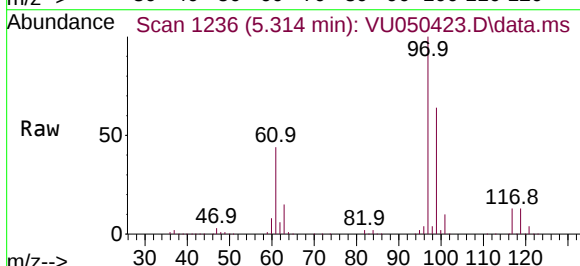
Tgt Ion: 97 Resp: 871246

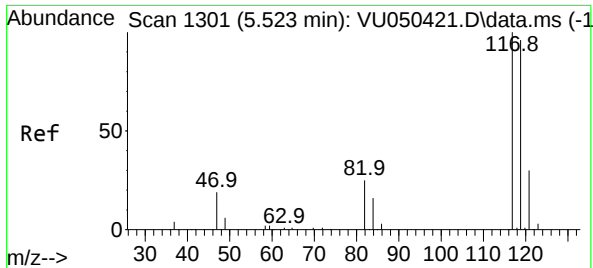
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 44.5 36.6 55.0

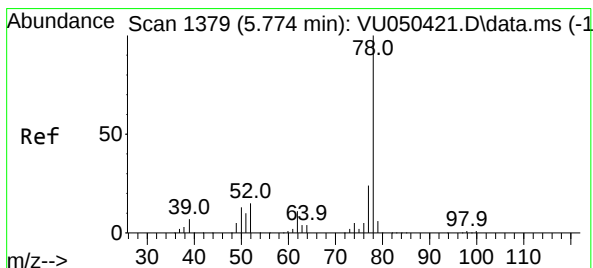
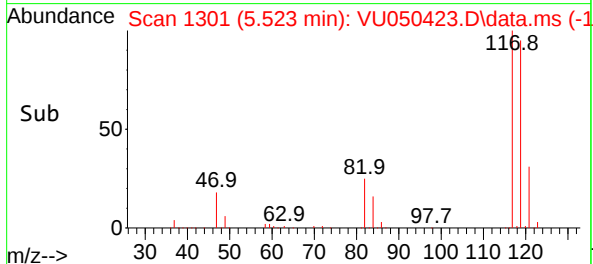
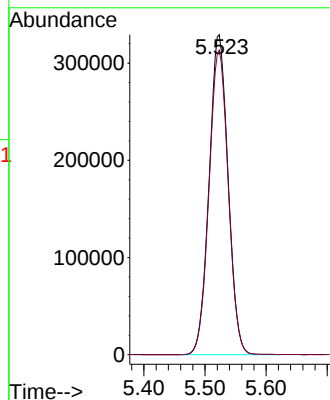
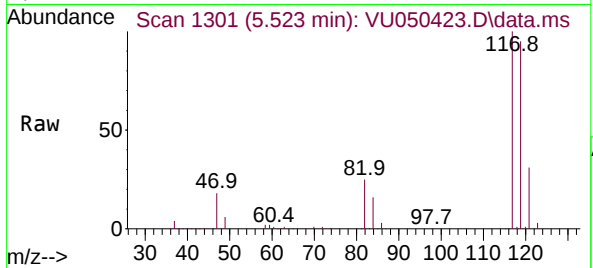




#31
Carbon tetrachloride
Concen: 158.161 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

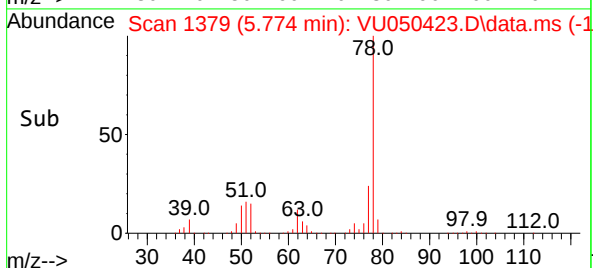
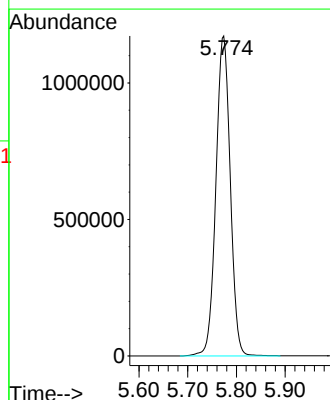
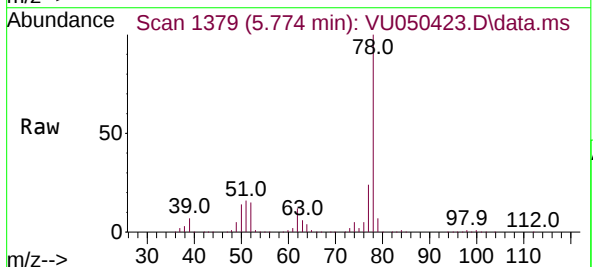
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

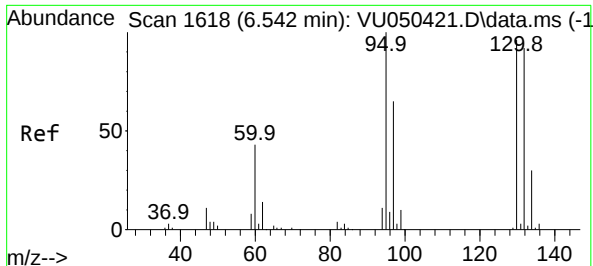
Tgt Ion:117 Resp: 710827
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 166.110 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 78 Resp: 2396466

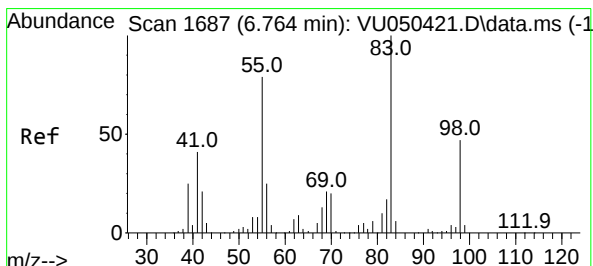
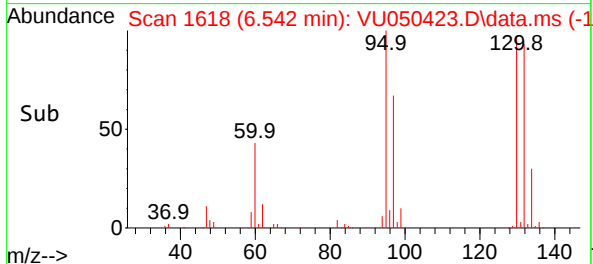
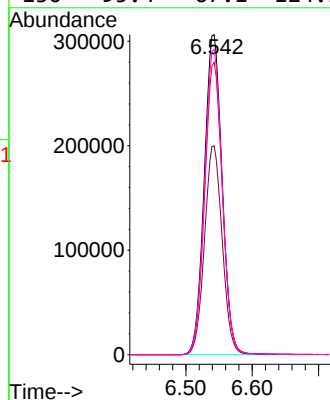
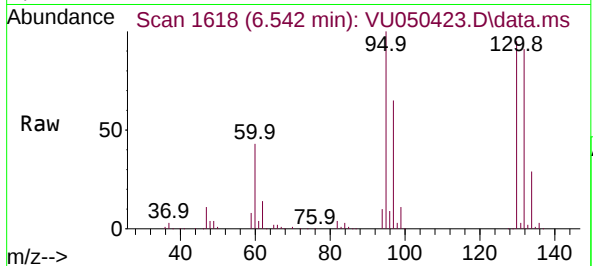




#34
Trichloroethene
Concen: 165.396 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

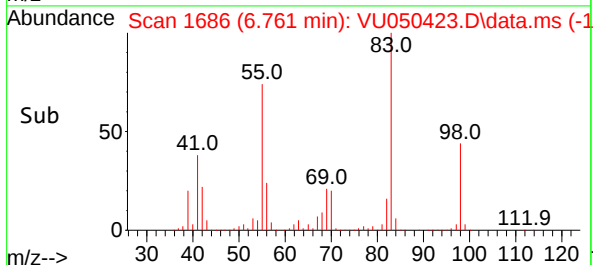
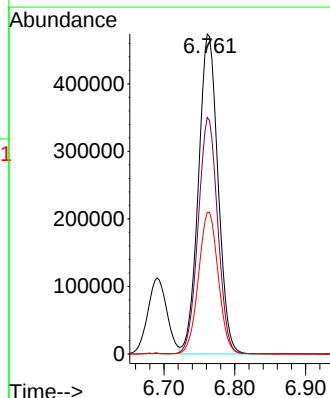
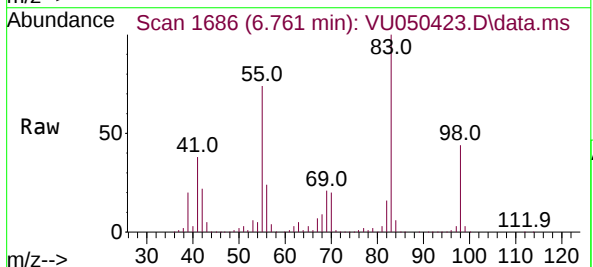
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

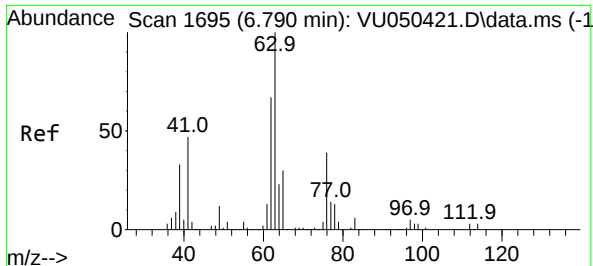
Tgt Ion: 95 Resp: 572802
Ion Ratio Lower Upper
95 100
97 65.3 45.2 84.0
132 91.4 64.4 119.6
130 95.4 67.1 124.5



#35
Methylcyclohexane
Concen: 171.059 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 83 Resp: 907411
Ion Ratio Lower Upper
83 100
55 73.7 61.9 92.9
98 44.8 35.8 53.8





#37

1,2-Dichloropropane

Concen: 169.065 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

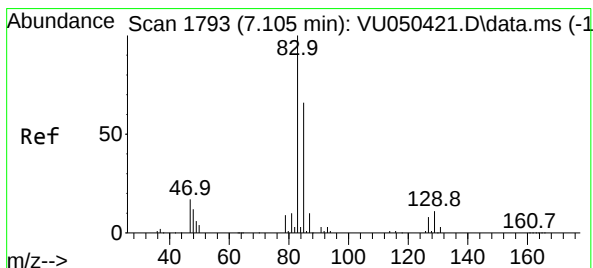
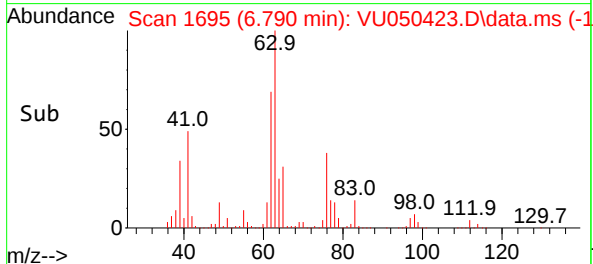
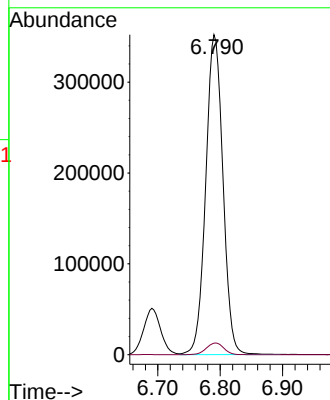
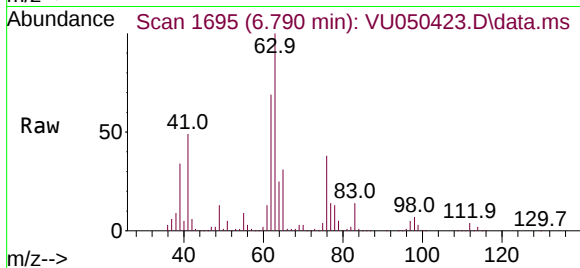
VSTD200011

Tgt Ion: 63 Resp: 675351

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 171.306 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

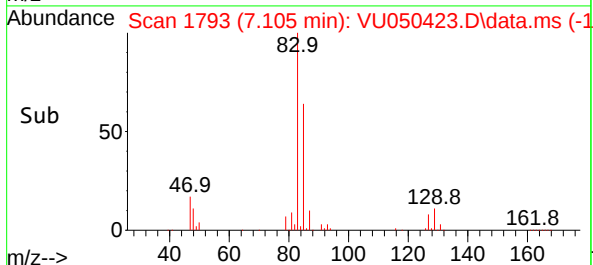
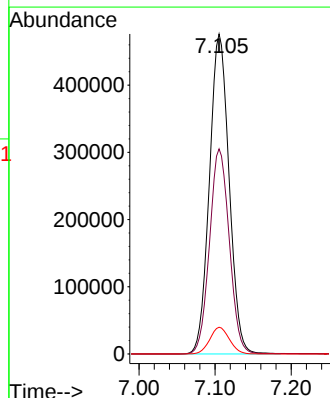
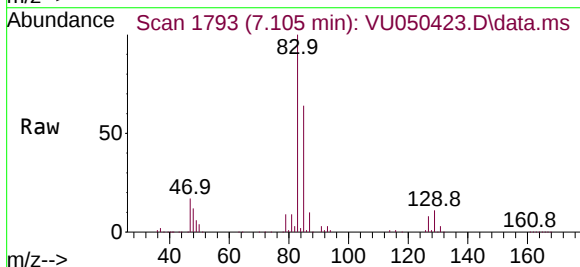
Tgt Ion: 83 Resp: 855354

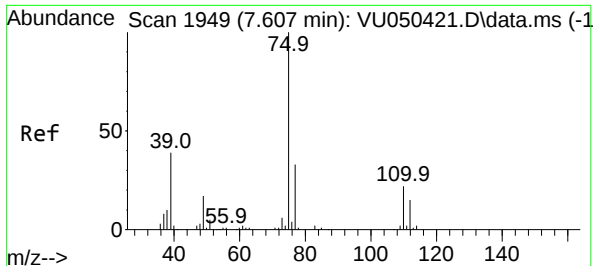
Ion Ratio Lower Upper

83 100

85 64.1 46.2 85.8

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 191.084 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

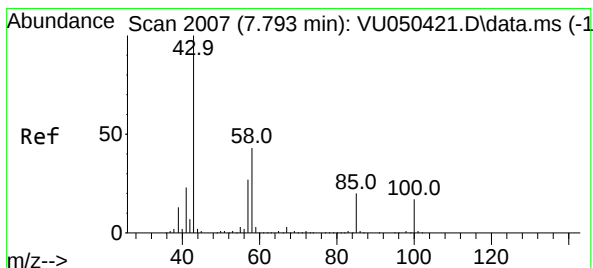
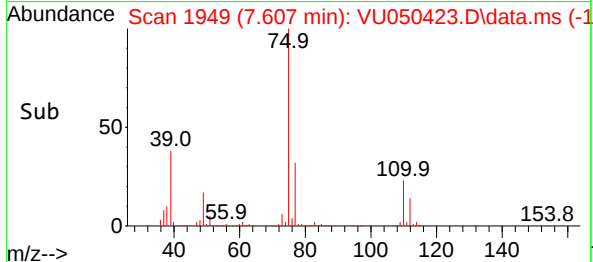
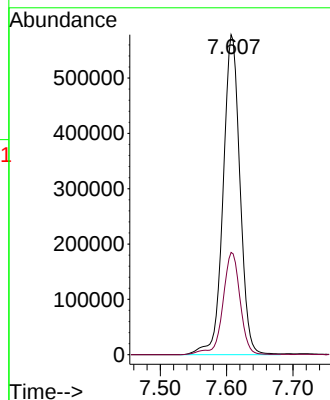
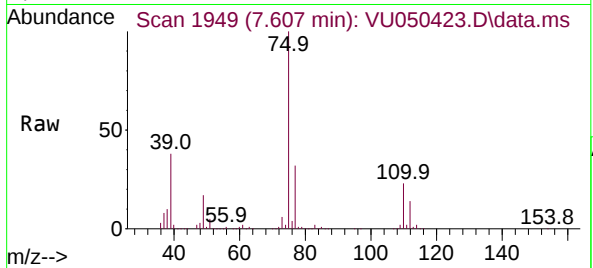
VSTD200011

Tgt Ion: 75 Resp: 1022642

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 322.906 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

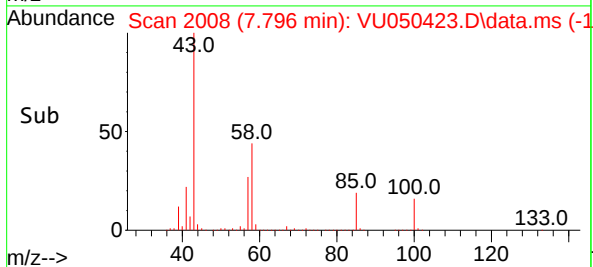
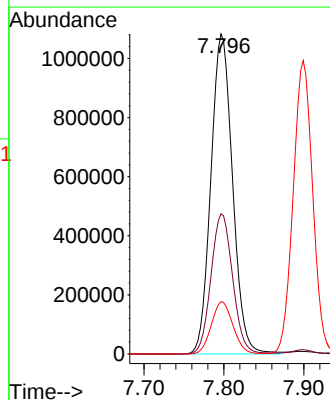
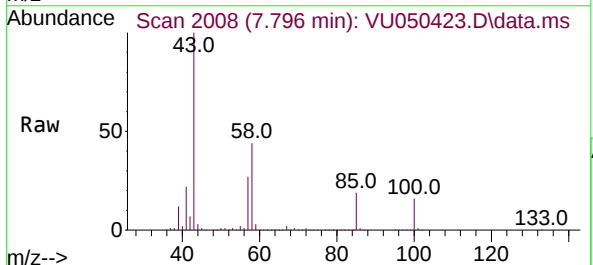
Tgt Ion: 43 Resp: 2036545

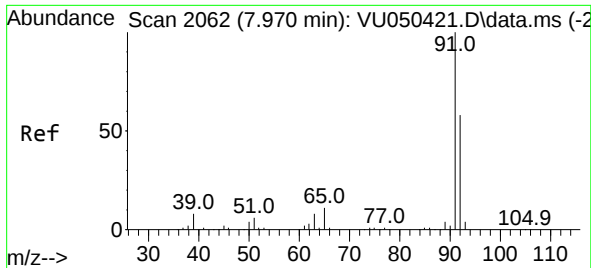
Ion Ratio Lower Upper

43 100

58 43.9 34.0 51.0

100 16.3 13.0 19.4





#42

Toluene

Concen: 177.419 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

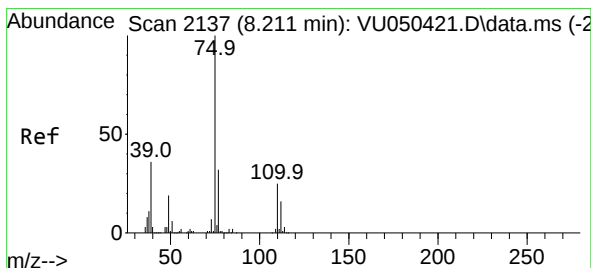
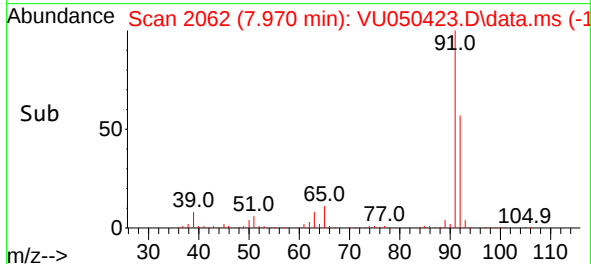
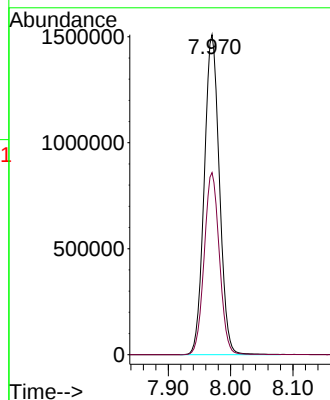
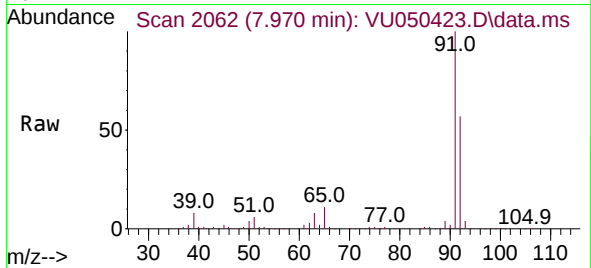
VSTD200011

Tgt Ion: 91 Resp: 2553802

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 187.369 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050423.D

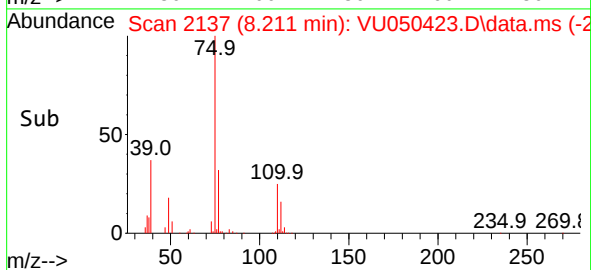
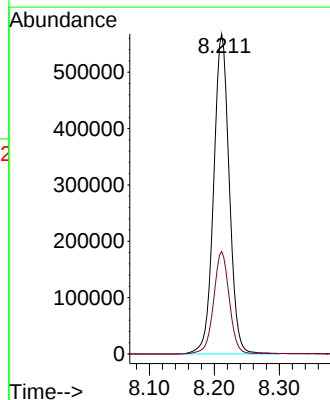
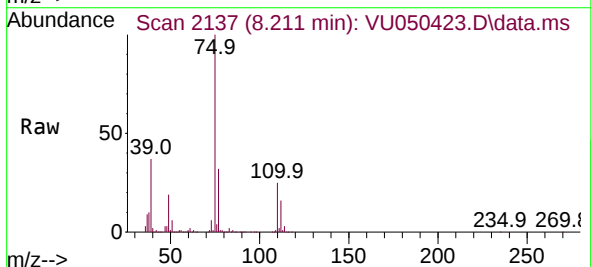
Acq: 24 Aug 2022 12:55

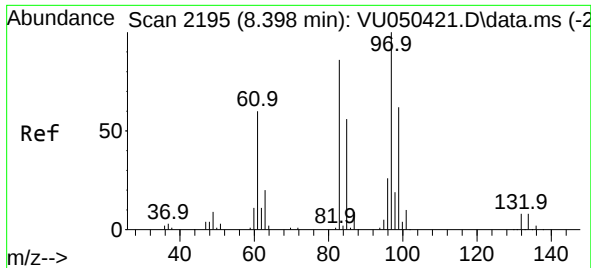
Tgt Ion: 75 Resp: 948501

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



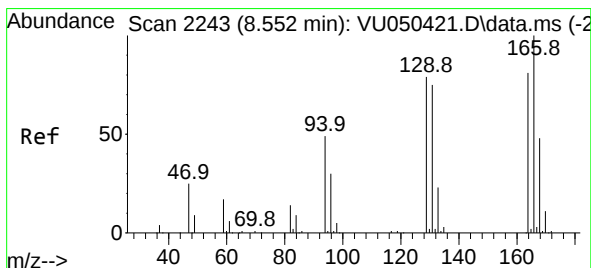
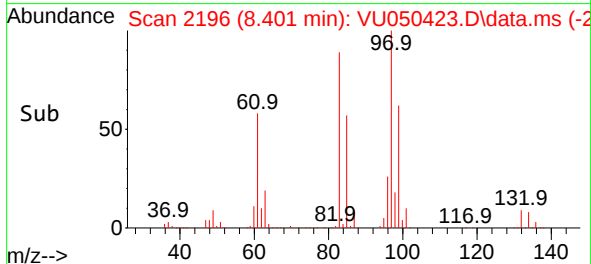
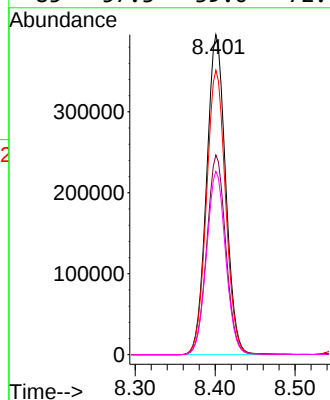
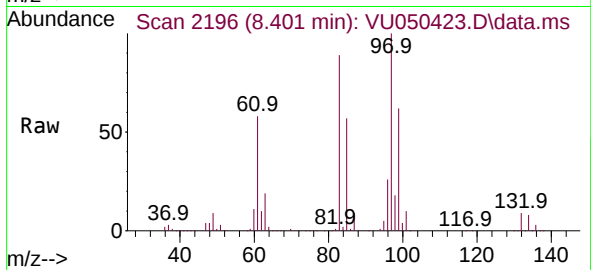


#45
1,1,2-Trichloroethane
Concen: 183.413 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

Tgt Ion: 97 Resp: 657277

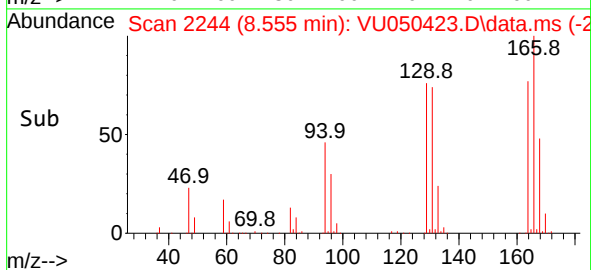
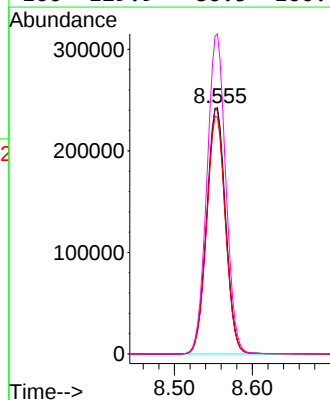
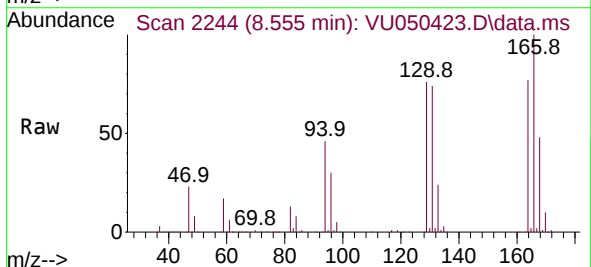
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	88.9	60.3	112.1
85	57.3	39.0	72.4

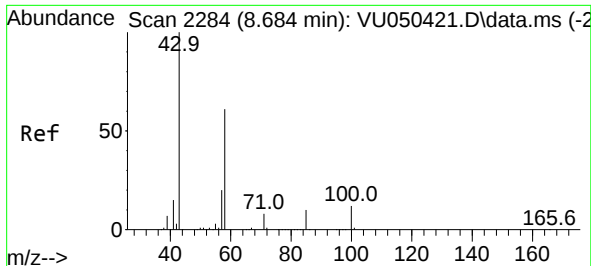


#46
Tetrachloroethene
Concen: 169.411 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 164 Resp: 409652

Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.0	126.4
131	96.0	65.4	121.4
166	129.9	86.5	160.7



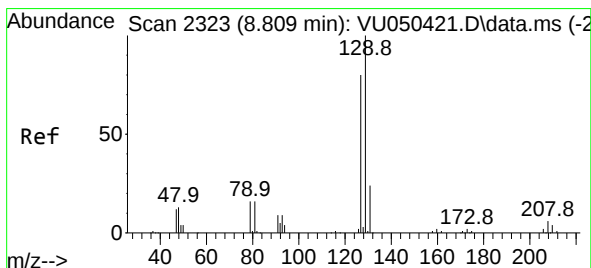
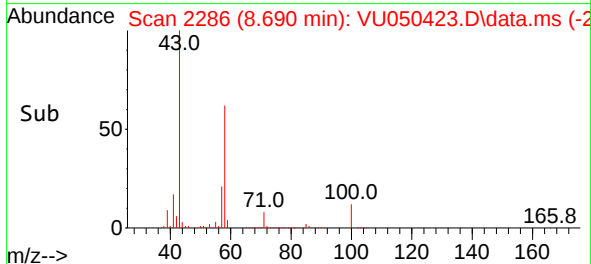
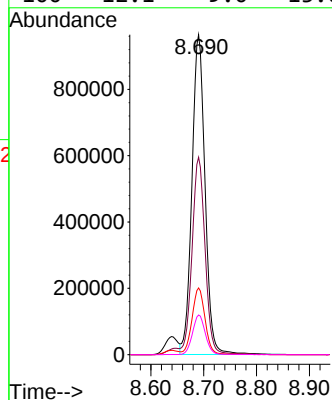
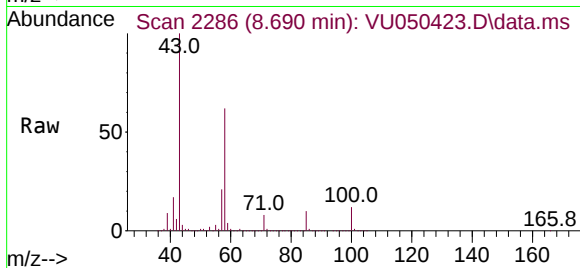


#48
2-Hexanone
Concen: 325.098 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

Tgt Ion: 43 Resp: 1661444

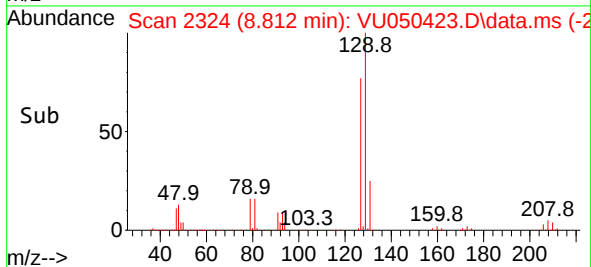
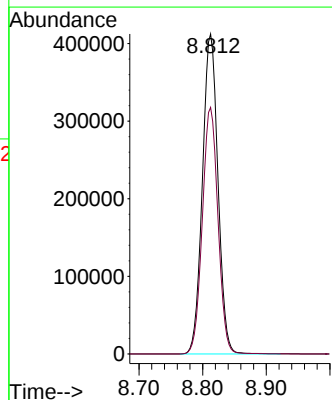
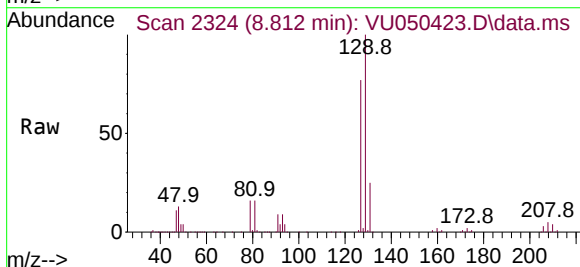
Ion	Ratio	Lower	Upper
43	100		
58	61.5	47.9	71.9
57	20.4	15.4	23.0
100	12.1	9.0	13.6

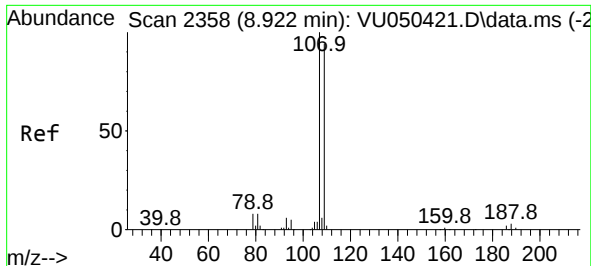


#49
Dibromochloromethane
Concen: 194.096 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 129 Resp: 700238

Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.9	103.7

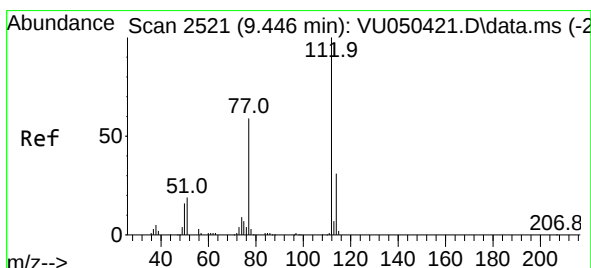
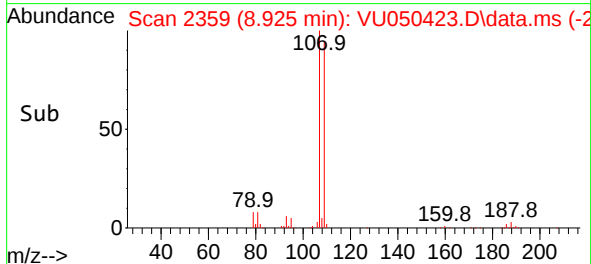
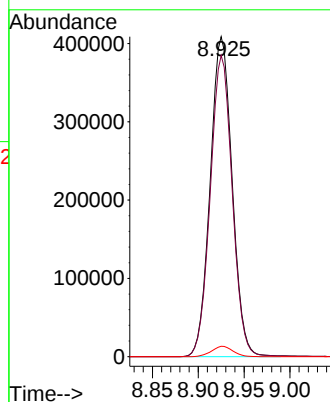
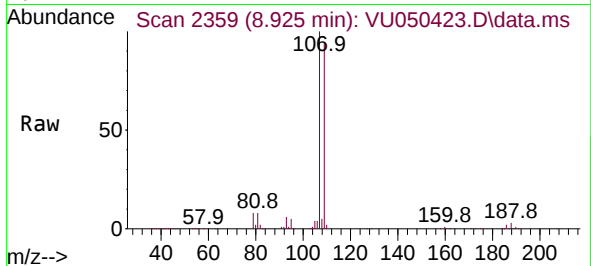




#50
1,2-Dibromoethane
Concen: 191.098 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

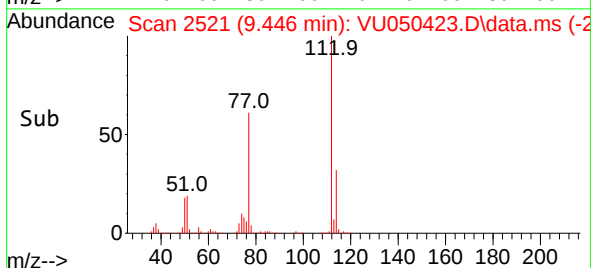
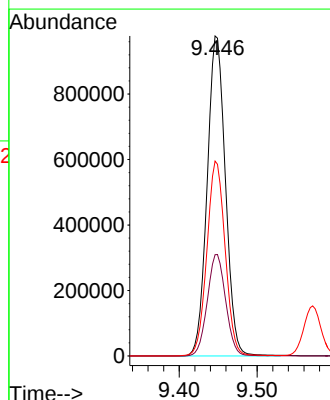
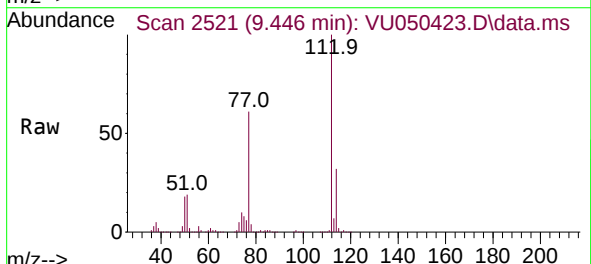
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

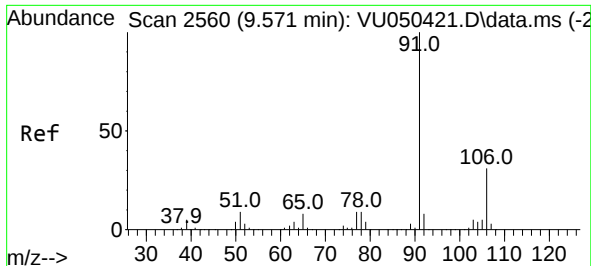
Tgt Ion:107 Resp: 681311
Ion Ratio Lower Upper
107 100
109 94.1 66.0 122.6
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 181.426 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion:112 Resp: 1592917
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.6
77 60.9 47.6 71.4

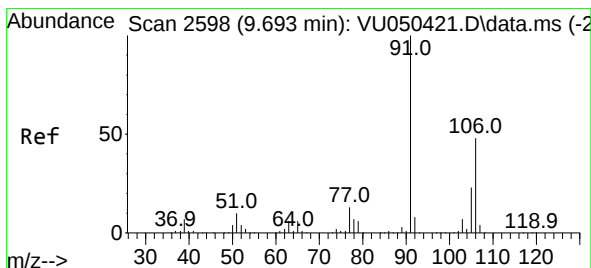
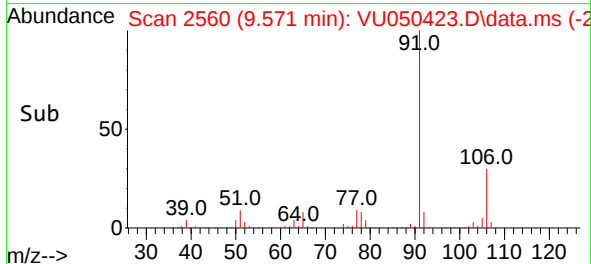
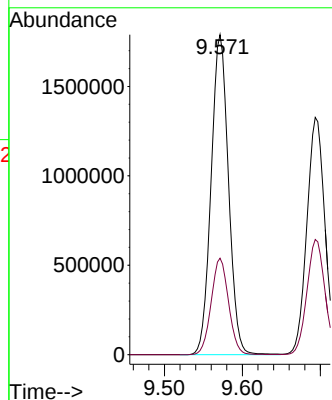
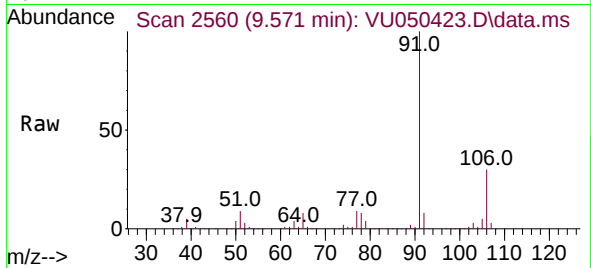




#52
Ethylbenzene
Concen: 185.217 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

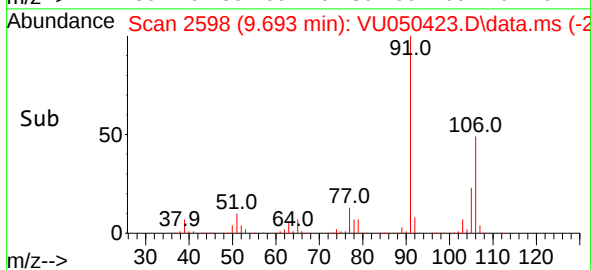
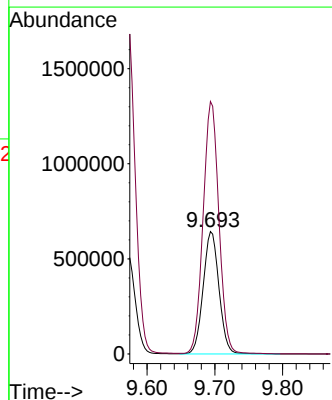
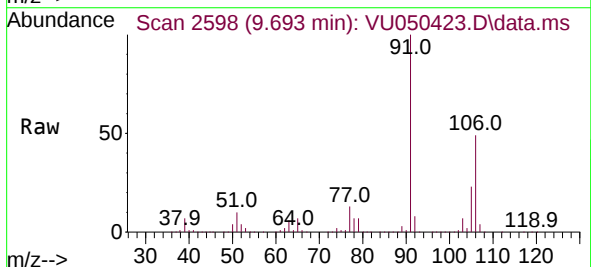
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

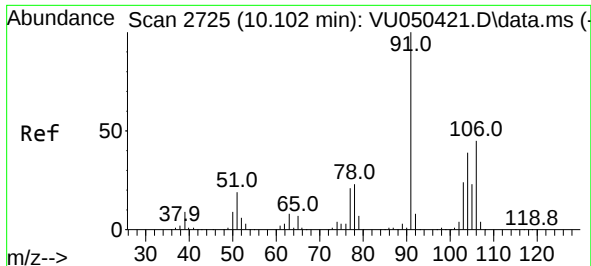
Tgt Ion: 91 Resp: 2772927
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 189.340 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 106 Resp: 1041717
Ion Ratio Lower Upper
106 100
91 206.1 145.9 270.9

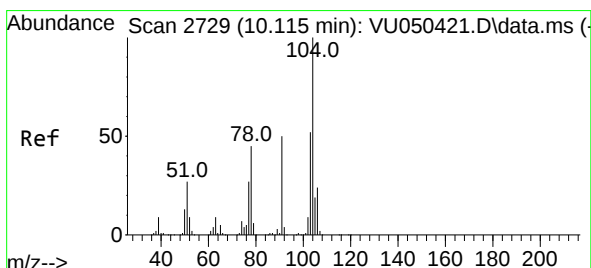
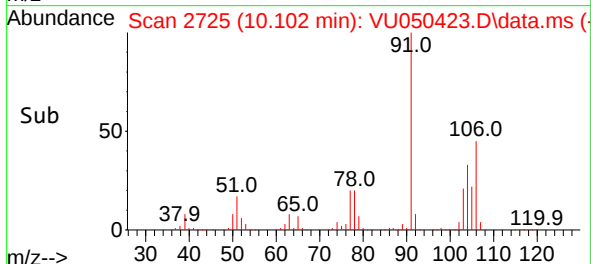
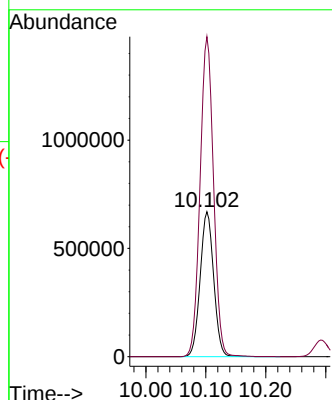
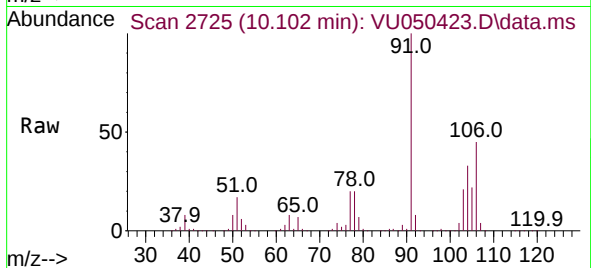




#54
o-Xylene
Concen: 190.271 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

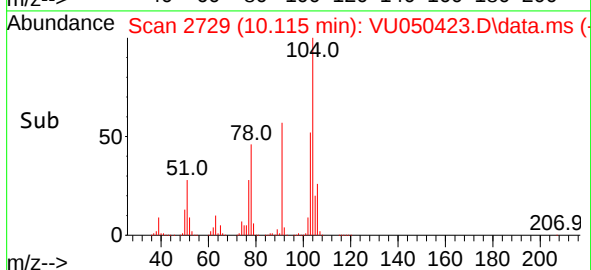
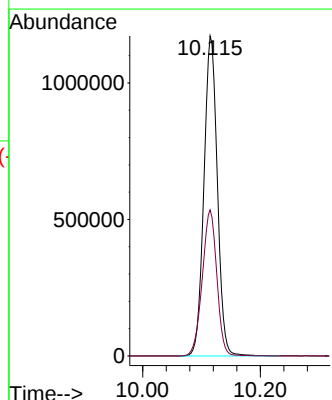
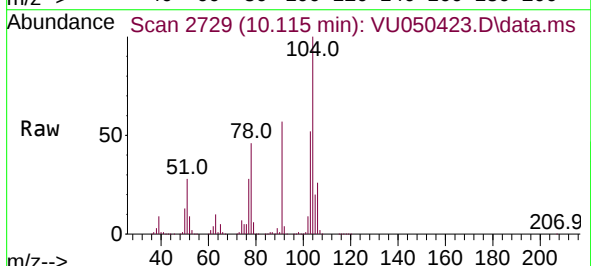
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

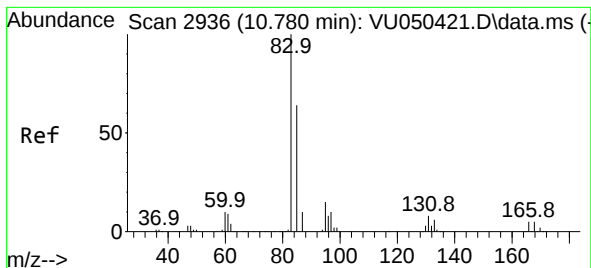
Tgt Ion:106 Resp: 1050125
Ion Ratio Lower Upper
106 100
91 220.7 154.8 287.4



#55
Styrene
Concen: 201.997 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion:104 Resp: 1856755
Ion Ratio Lower Upper
104 100
78 45.6 31.6 58.8

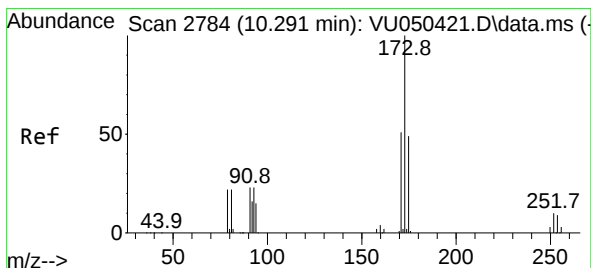
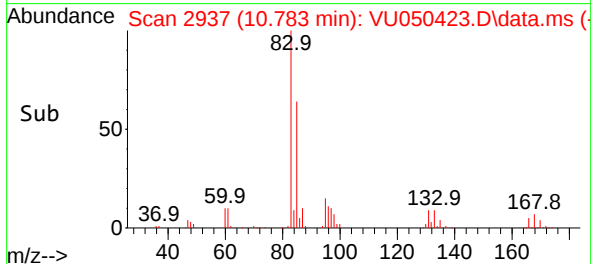
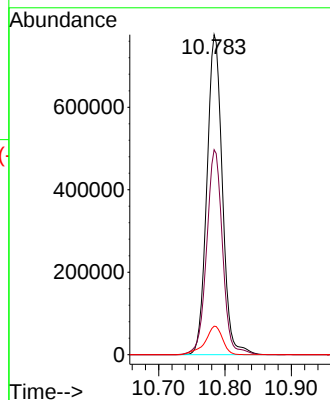
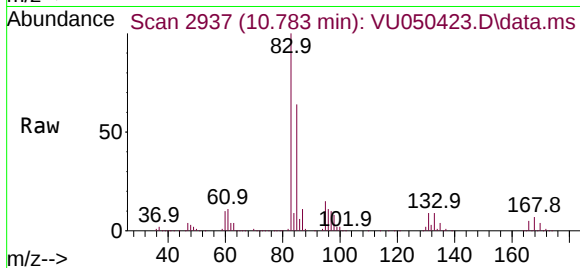




#57
1,1,2,2-Tetrachloroethane
Concen: 195.948 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

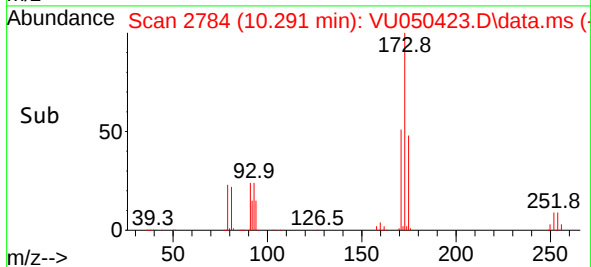
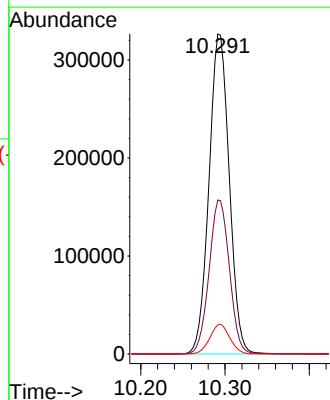
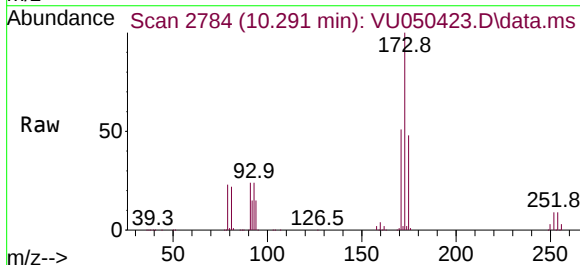
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

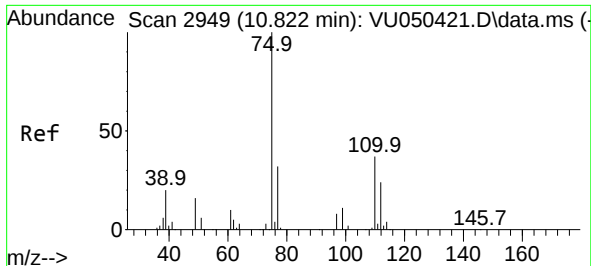
Tgt Ion: 83 Resp: 1254617
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2
131 8.9 7.2 10.8



#59
Bromoform
Concen: 194.355 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion:173 Resp: 545580
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 9.1 7.1 10.7

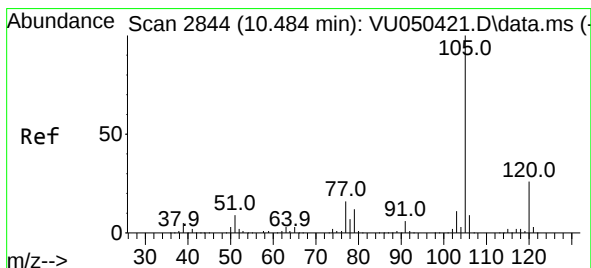
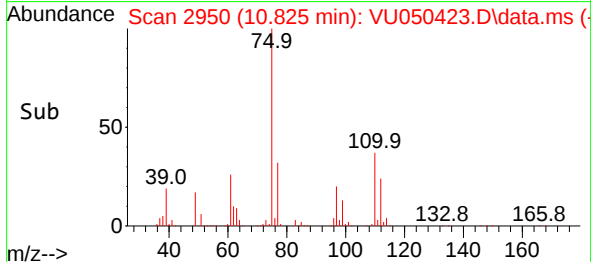
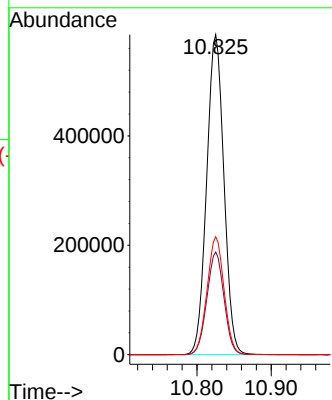
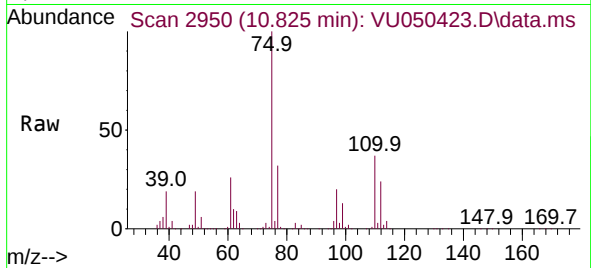




#60
1,2,3-Trichloropropane
Concen: 172.221 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

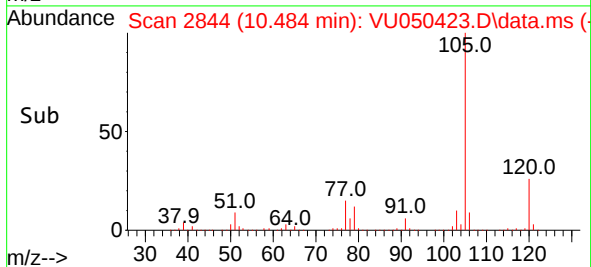
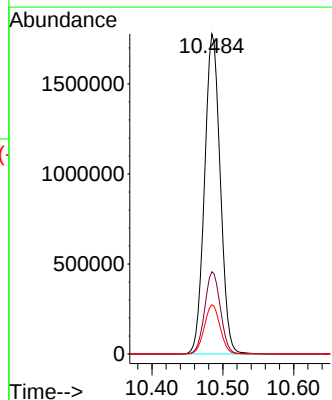
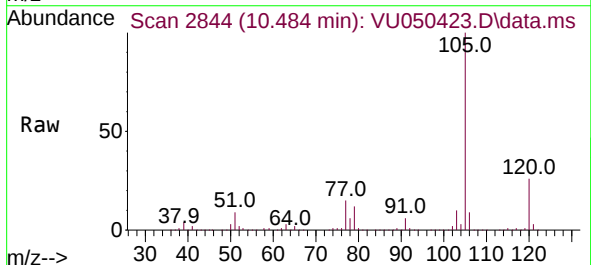
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

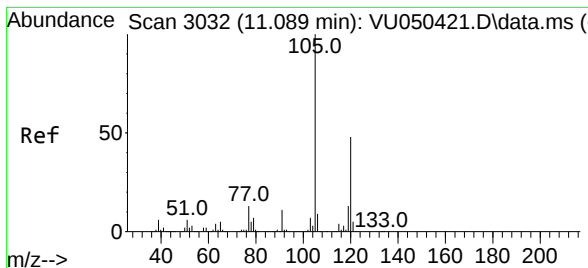
Tgt Ion: 75 Resp: 941198
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 36.5 29.0 43.4



#61
Isopropylbenzene
Concen: 182.230 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 105 Resp: 2731751
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.4 12.5 18.7

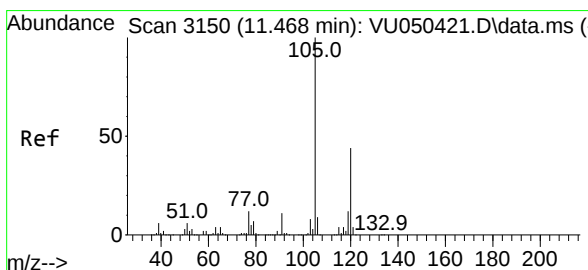
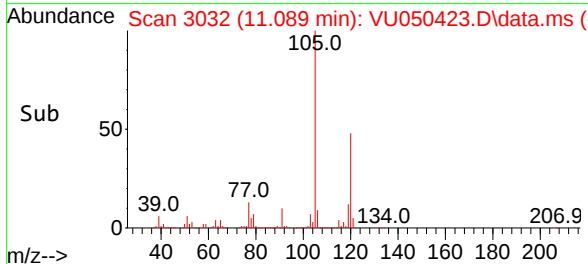
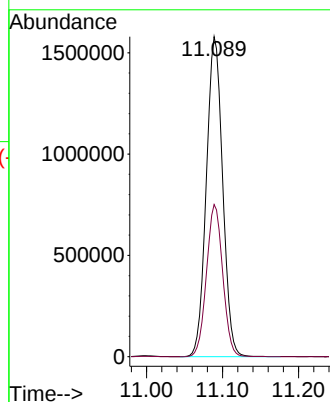
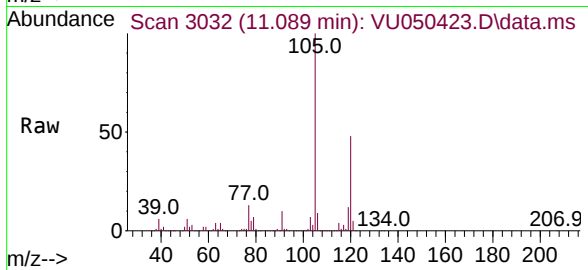




#62
1,3,5-Trimethylbenzene
Concen: 188.234 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

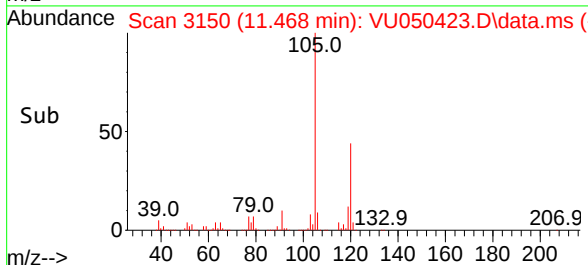
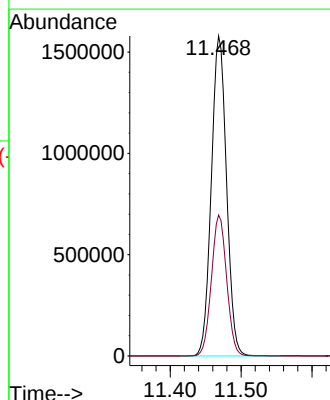
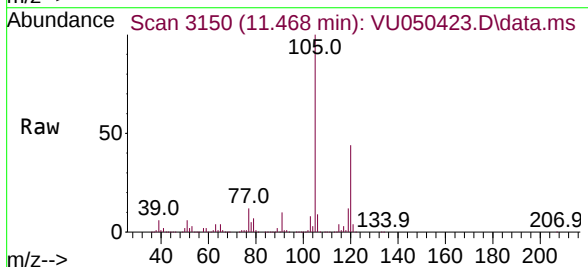
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

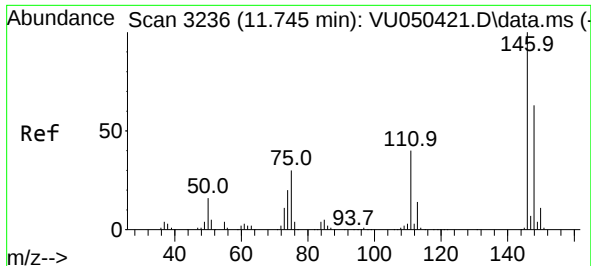
Tgt Ion:105 Resp: 2353395
Ion Ratio Lower Upper
105 100
120 47.3 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 189.448 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion:105 Resp: 2348190
Ion Ratio Lower Upper
105 100
120 44.1 35.3 52.9





#64

1,3-Dichlorobenzene

Concen: 187.064 ug/L

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD200011

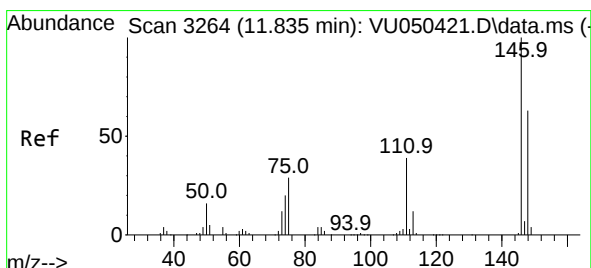
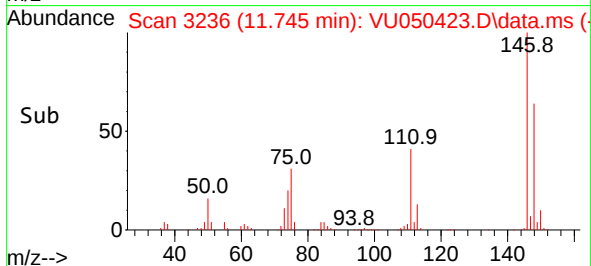
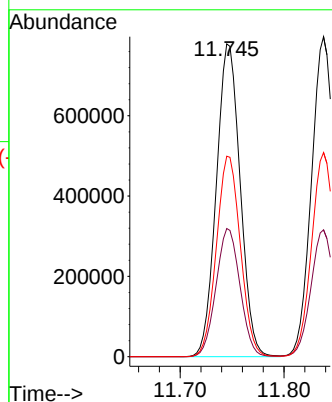
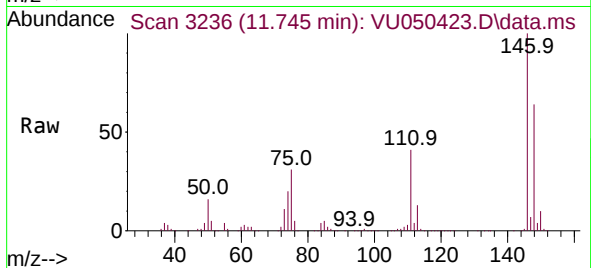
Tgt Ion:146 Resp: 1244070

Ion Ratio Lower Upper

146 100

111 40.9 28.1 52.1

148 64.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 186.879 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

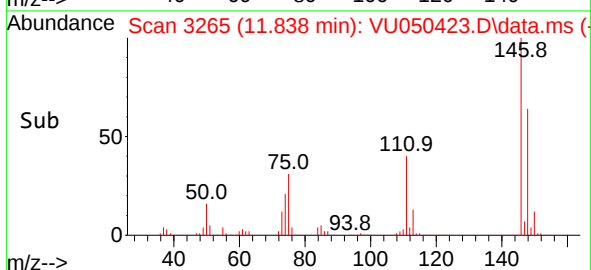
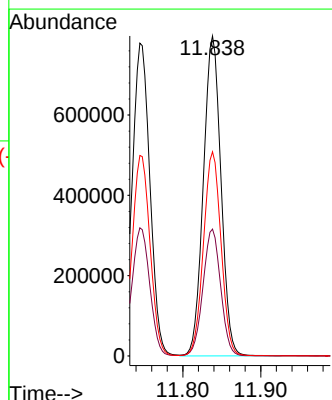
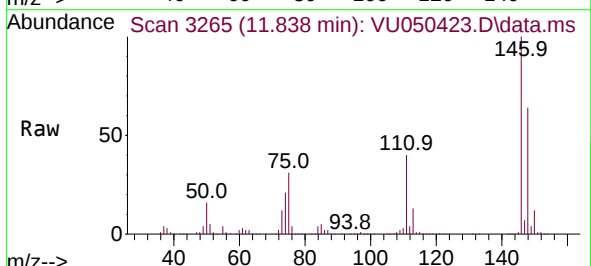
Tgt Ion:146 Resp: 1248507

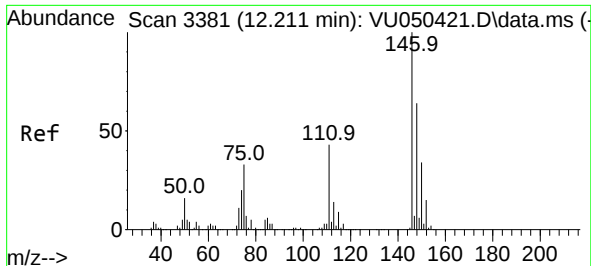
Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.2

148 63.8 44.4 82.4

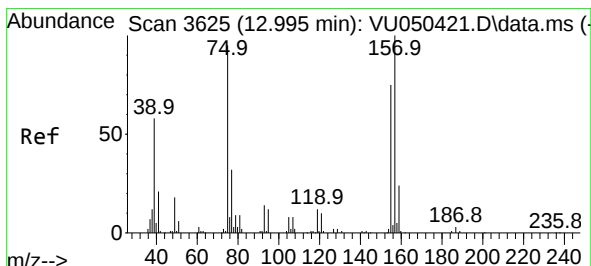
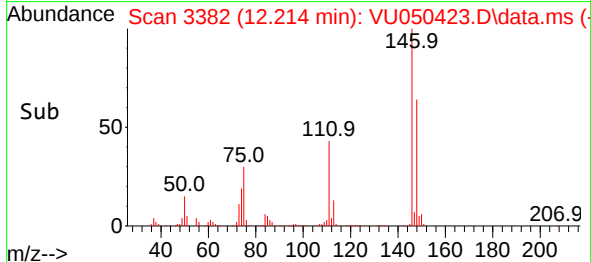
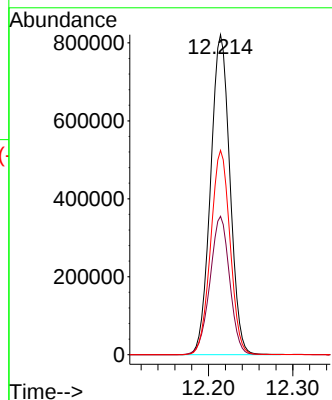
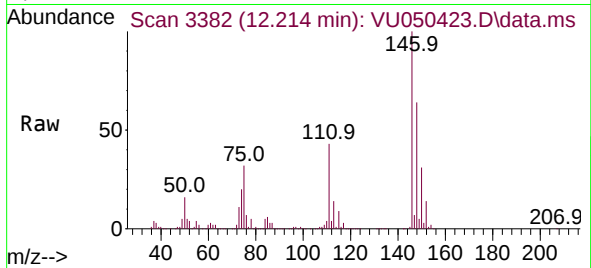




#67
1,2-Dichlorobenzene
Concen: 188.352 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

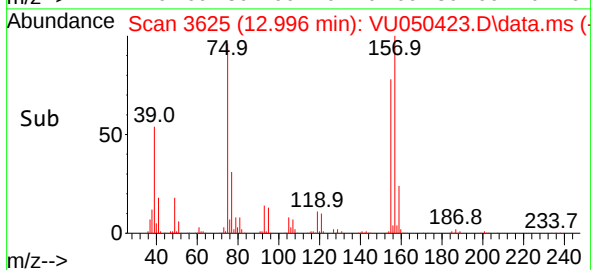
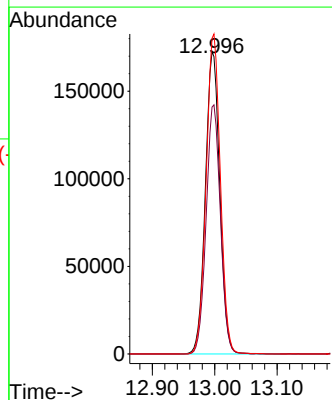
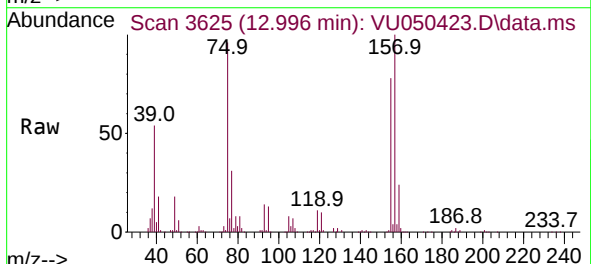
Instrument :
MSVOA_U
ClientSampleId :
VSTD200011

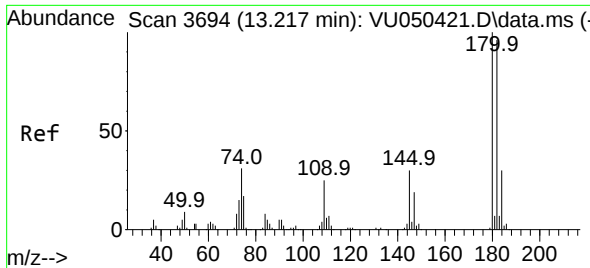
Tgt Ion:146 Resp: 1307145
Ion Ratio Lower Upper
146 100
111 43.3 34.1 51.1
148 63.9 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 177.117 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050423.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 75 Resp: 277602
Ion Ratio Lower Upper
75 100
155 81.7 63.1 94.7
157 104.5 84.2 126.2



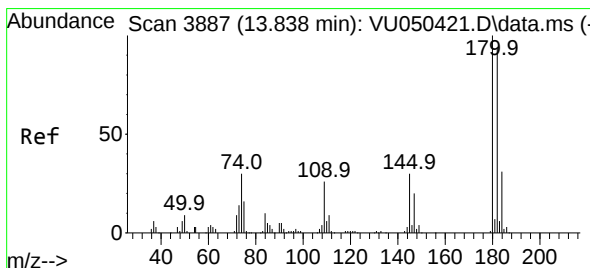
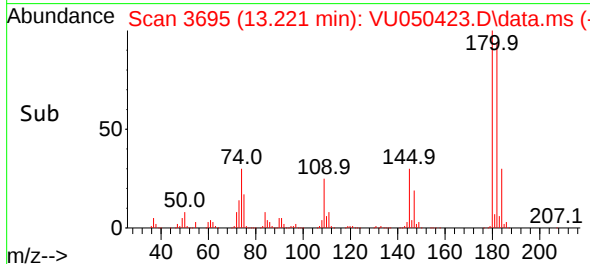
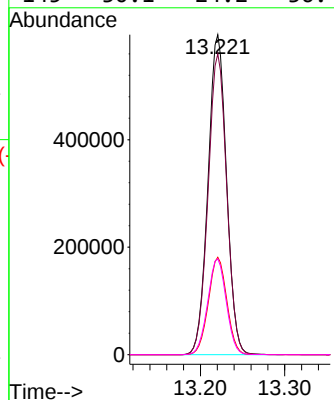
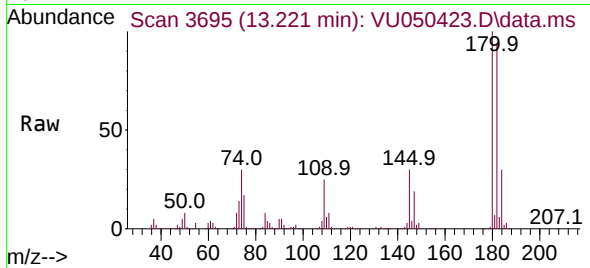


#69
 1,3,5-Trichlorobenzene
 Concen: 197.321 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200011

Tgt Ion:180 Resp: 910093

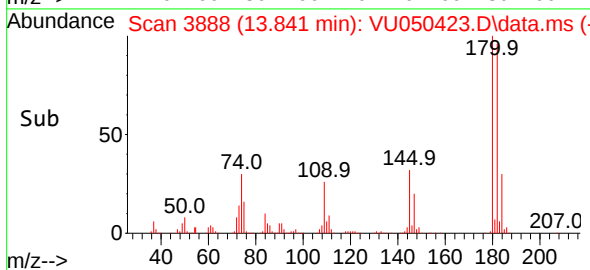
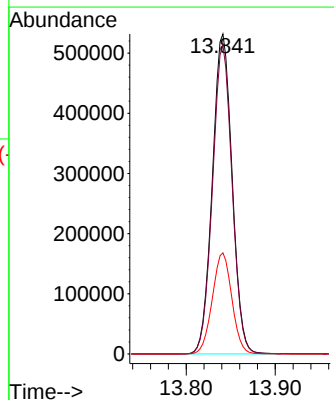
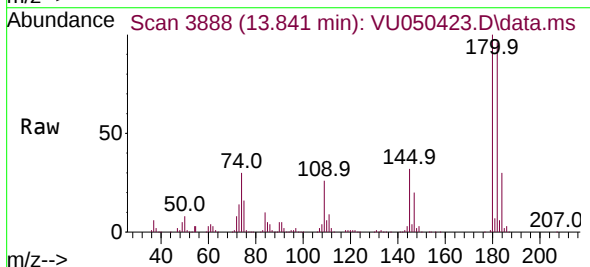
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	30.4	24.1	36.1
145	30.1	24.2	36.4

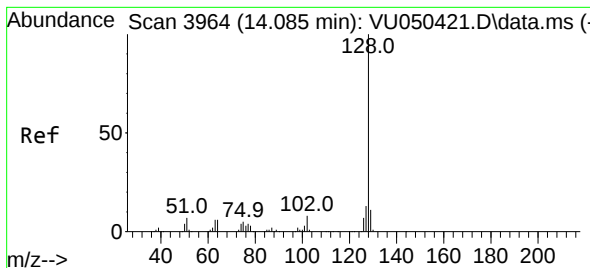


#70
 1,2,4-trichlorobenzene
 Concen: 197.091 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050423.D
 Acq: 24 Aug 2022 12:55

Tgt Ion:180 Resp: 820234

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.2
145	31.2	23.9	35.9





#71

Naphthalene

Concen: 203.792 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD200011

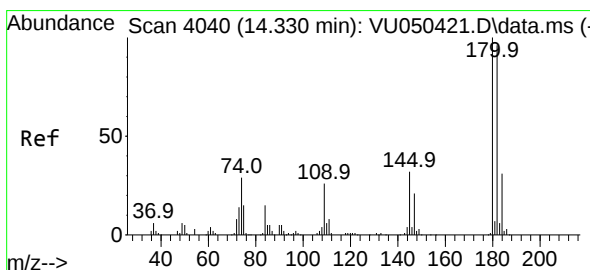
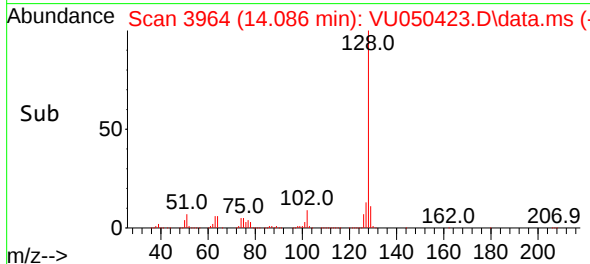
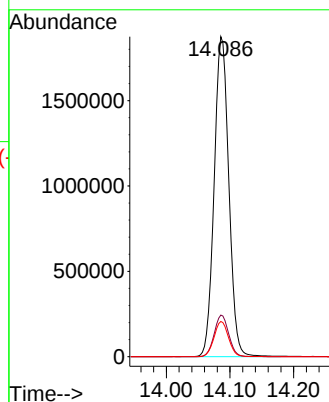
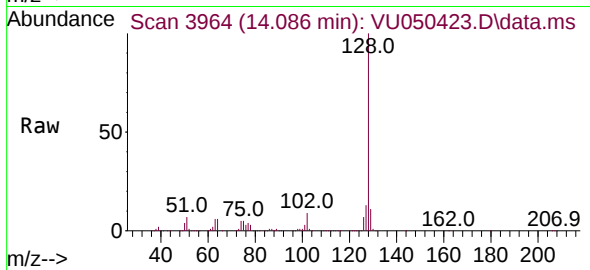
Tgt Ion:128 Resp: 2993417

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 197.387 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050423.D

Acq: 24 Aug 2022 12:55

Tgt Ion:180 Resp: 860568

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 32.6 26.5 39.7

