

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042722\
 Data File : U048303.D
 Acq On : 27 Apr 2022 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050103

Quant Time: Apr 28 04:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 27 03:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	375907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	375632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	179195	51.839	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 103.680%		
7) Chloroethane-d5	1.909	69	138966	57.272	ug/L	0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	= 114.540%		
11) 1,1-Dichloroethene-d2	2.568	63	289964	52.353	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.700%		
21) 2-Butanone-d5	4.629	46	277434	94.100	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 94.100%		
24) Chloroform-d	5.066	84	326926	52.142	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.280%		
26) 1,2-Dichloroethane-d4	5.703	65	196818	52.906	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.820%		
32) Benzene-d6	5.729	84	666845	56.288	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 112.580%		
36) 1,2-Dichloropropane-d6	6.693	67	210186	53.665	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 107.340%		
41) Toluene-d8	7.899	98	633207	58.966	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 117.940%		
43) trans-1,3-Dichloroprop...	8.182	79	96988	56.120	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 112.240%		
47) 2-Hexanone-d5	8.639	63	202988	96.061	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 96.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	336576	48.999	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 98.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	246140	51.936	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	150754	53.074	ug/L	100
3) Chloromethane	1.523	50	159110	48.940	ug/L	100
5) Vinyl chloride	1.607	62	172179	52.554	ug/L	97
6) Bromomethane	1.854	94	95837	63.650	ug/L	99
8) Chloroethane	1.928	64	115505	62.352	ug/L	98
9) Trichlorofluoromethane	2.134	101	246915	57.831	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	159193	56.217	ug/L	99
12) 1,1-Dichloroethene	2.581	96	134196	54.291	ug/L	97
13) Acetone	2.636	43	256684	135.615	ug/L	98
14) Carbon disulfide	2.793	76	305070	50.640	ug/L	100
15) Methyl Acetate	2.951	43	192397	51.207	ug/L	98
16) Methylene chloride	3.047	84	175739	55.147	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	142705	55.574	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	479804	56.631	ug/L	99
19) 1,1-Dichloroethane	3.870	63	293588	54.675	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	176865	57.141	ug/L	95
22) 2-Butanone	4.710	43	317572	113.465	ug/L	99
23) Bromochloromethane	4.976	128	97058	56.165	ug/L	97
25) Chloroform	5.092	83	314186	57.299	ug/L	99

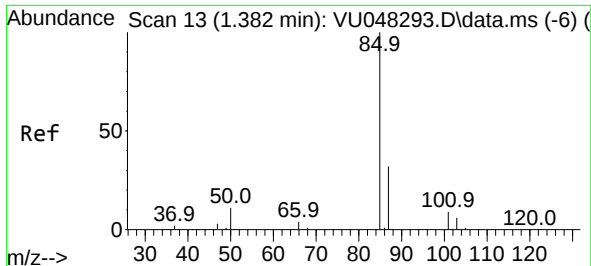
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
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 QLast Update : Wed Apr 27 03:51:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	226323	56.588	ug/L	99
29) Cyclohexane	5.391	56	204378	57.586	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	258035	60.746	ug/L	99
31) Carbon tetrachloride	5.526	117	222198	61.373	ug/L	99
33) Benzene	5.777	78	663395	59.650	ug/L	100
34) Trichloroethene	6.542	95	161586	59.276	ug/L	99
35) Methylcyclohexane	6.764	83	233576	61.031	ug/L	98
37) 1,2-Dichloropropane	6.793	63	185042	58.479	ug/L	100
38) Bromodichloromethane	7.108	83	237707	59.486	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	262750	59.052	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	533127	111.708	ug/L	100
42) Toluene	7.970	91	715358	61.265	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	255321	58.738	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	187628	56.517	ug/L	99
46) Tetrachloroethene	8.555	164	138325	59.125	ug/L	99
48) 2-Hexanone	8.690	43	459183	115.218	ug/L	99
49) Dibromochloromethane	8.812	129	205757	56.402	ug/L	99
50) 1,2-Dibromoethane	8.925	107	193931	57.604	ug/L	97
51) Chlorobenzene	9.449	112	472948	56.194	ug/L	99
52) Ethylbenzene	9.571	91	722204	59.724	ug/L	99
53) m,p-Xylene	9.693	106	292120	61.216	ug/L	99
54) o-Xylene	10.102	106	288873	60.091	ug/L	99
55) Styrene	10.115	104	496209	60.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	349238	53.302	ug/L	99
59) Bromoform	10.291	173	170789	55.859	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	266818	54.288	ug/L	100
61) Isopropylbenzene	10.487	105	728975	61.884	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	377324	60.774	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	591631	61.980	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	376908	57.072	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	373303	55.369	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	388967	55.910	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	72650	55.372	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	284029	57.878	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	222984	57.516	ug/L	100
71) Naphthalene	14.089	128	672245	60.590	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	241215	60.711	ug/L	99

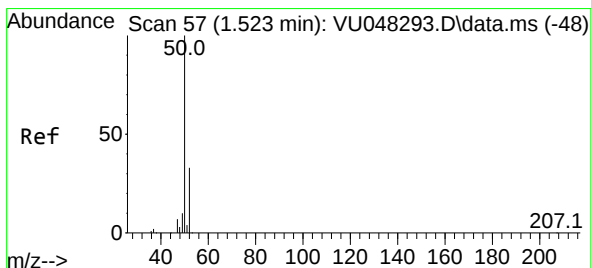
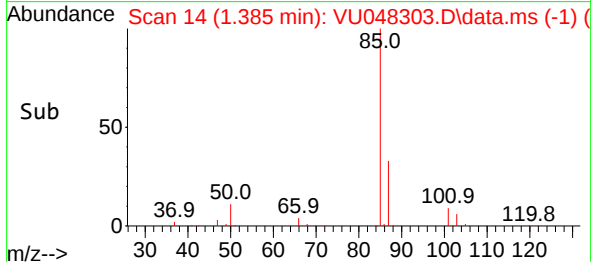
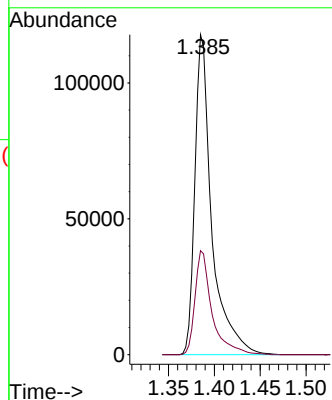
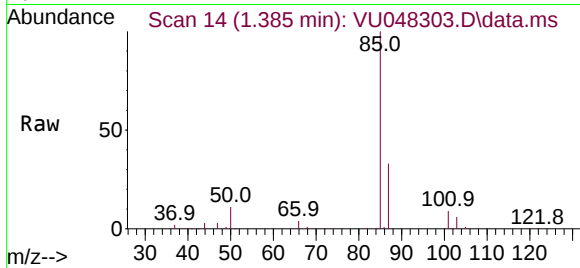
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#2
Dichlorodifluoromethane
Concen: 53.074 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

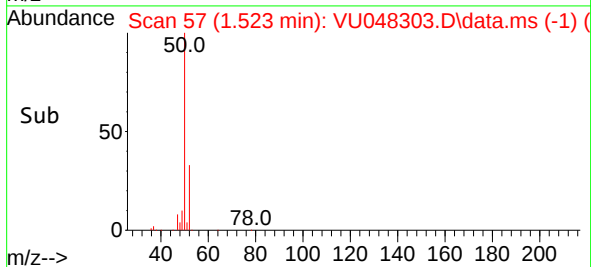
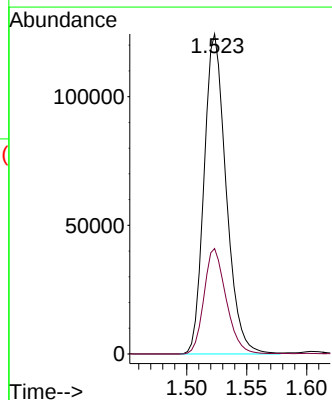
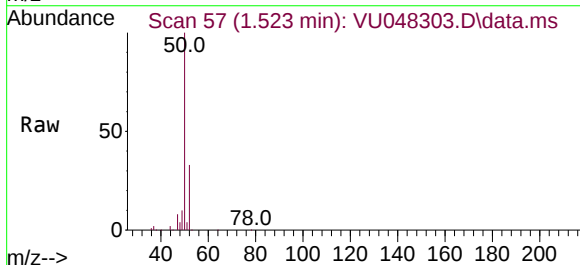
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

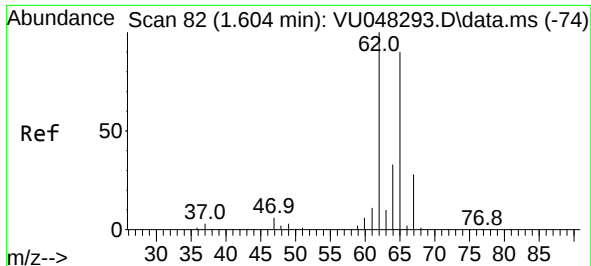
Tgt Ion: 85 Resp: 150754
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 48.940 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 50 Resp: 159110
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

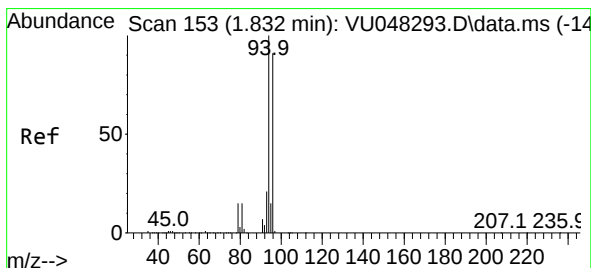
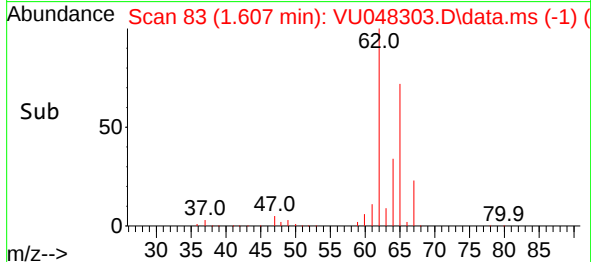
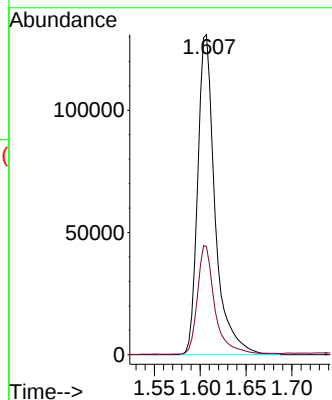
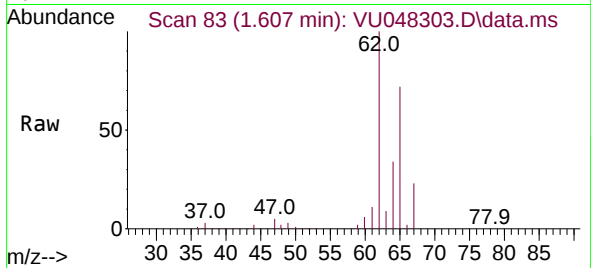




#5
 Vinyl chloride
 Concen: 52.554 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

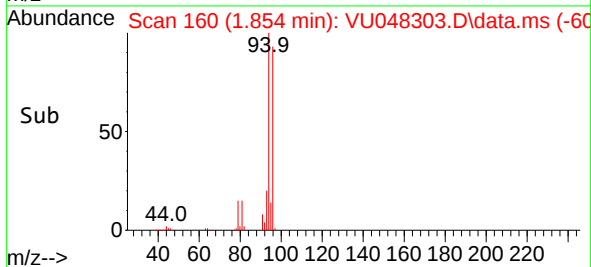
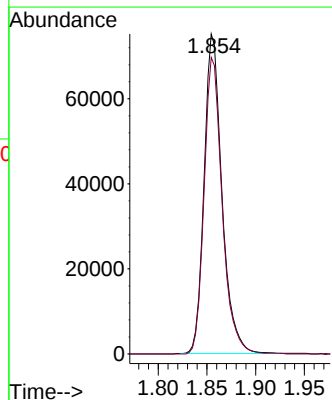
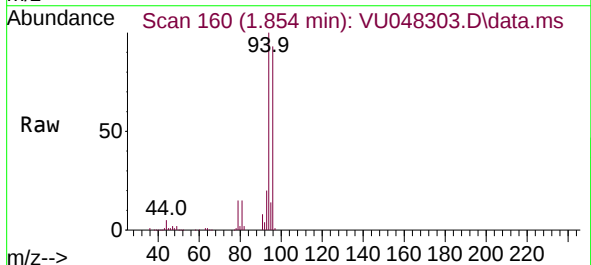
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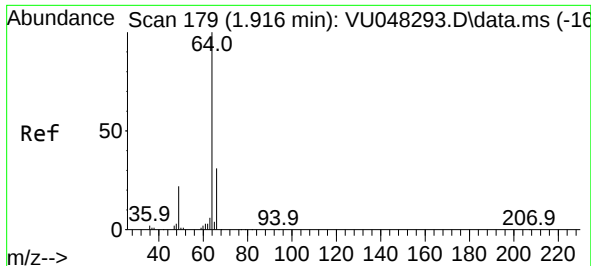
Tgt Ion: 62 Resp: 172179
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.5 41.7



#6
 Bromomethane
 Concen: 63.650 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.022 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

Tgt Ion: 94 Resp: 95837
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.8 122.2

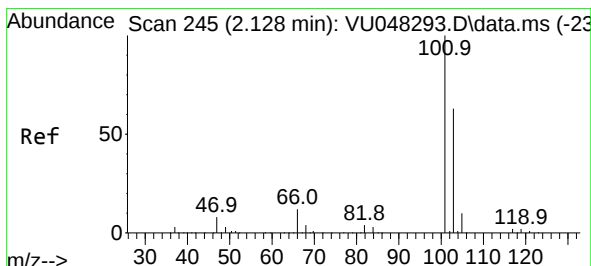
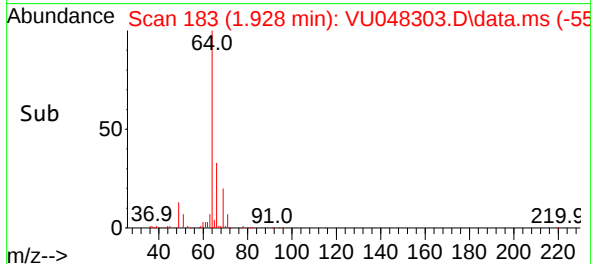
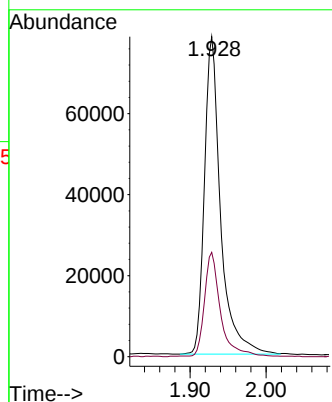
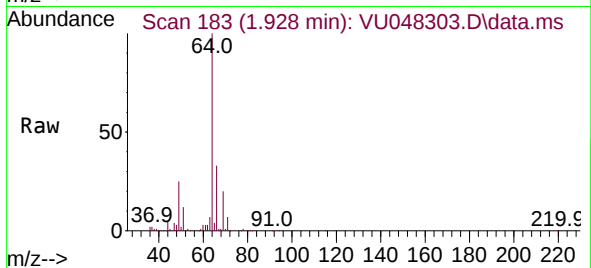




#8
Chloroethane
Concen: 62.352 ug/L
RT: 1.928 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

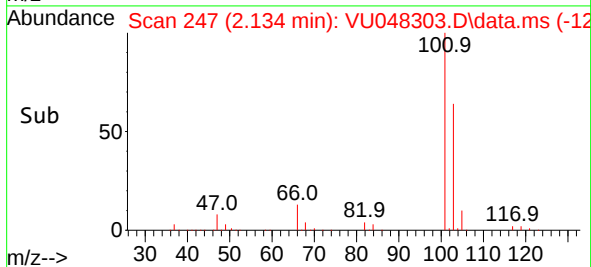
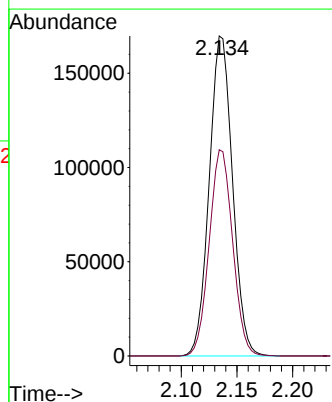
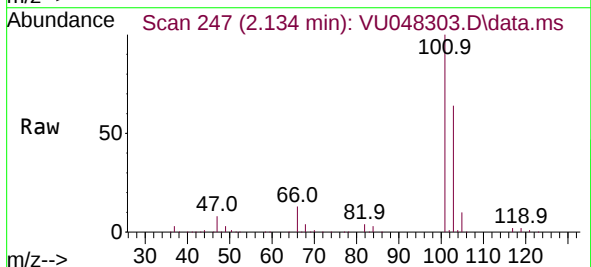
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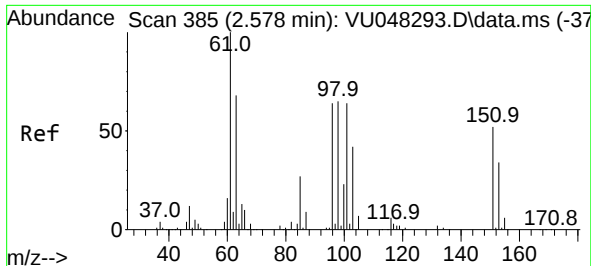
Tgt Ion: 64 Resp: 115505
Ion Ratio Lower Upper
64 100
66 32.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 57.831 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.006 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 101 Resp: 246915
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9

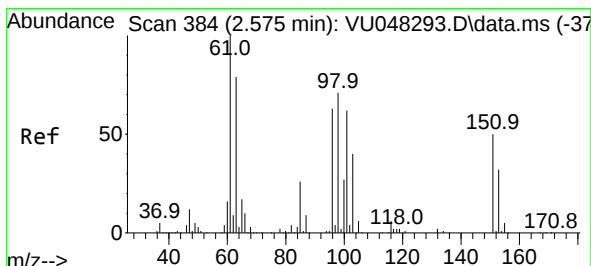
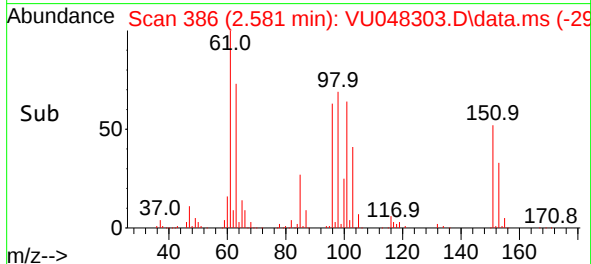
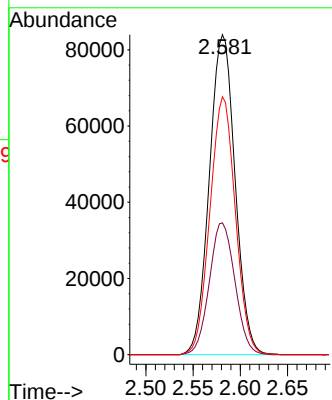
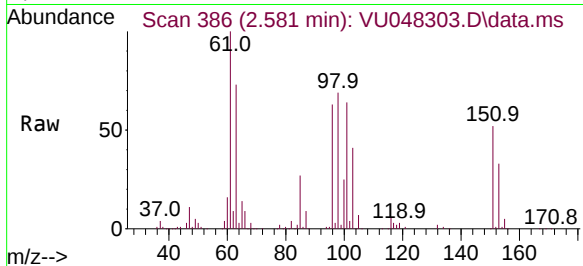




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.217 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

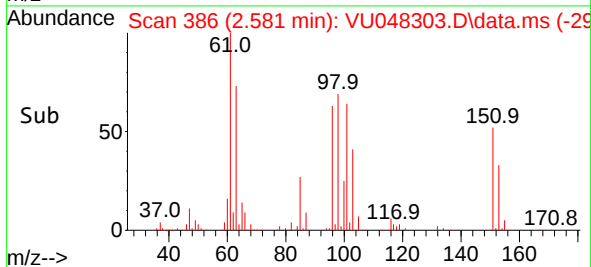
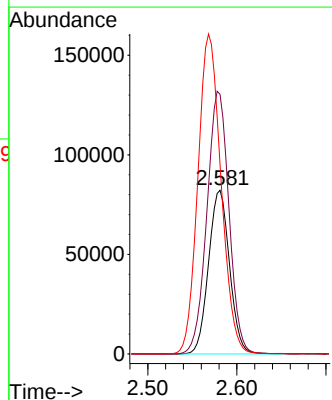
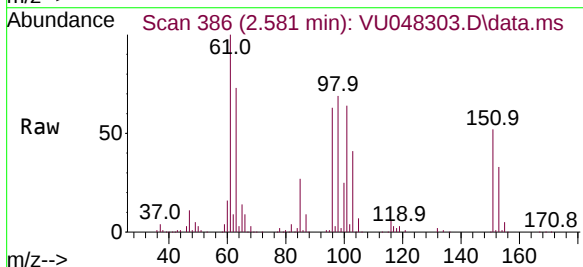
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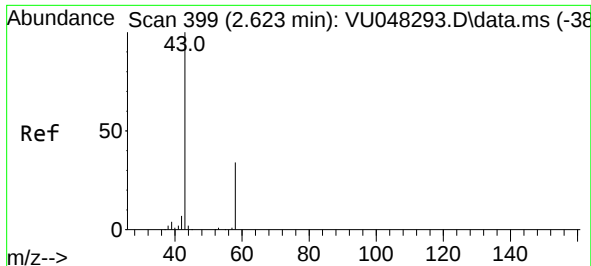
Tgt Ion:101 Resp: 159193
Ion Ratio Lower Upper
101 100
85 41.0 32.6 48.8
151 79.6 64.1 96.1



#12
1,1-Dichloroethene
Concen: 54.291 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 96 Resp: 134196
Ion Ratio Lower Upper
96 100
61 158.7 107.9 200.3
63 115.9 80.3 149.1





#13

Acetone

Concen: 135.615 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

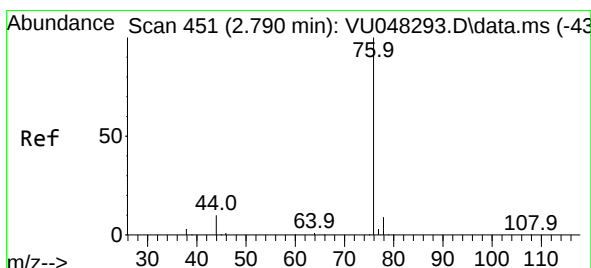
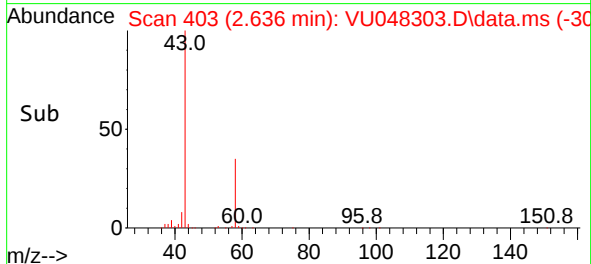
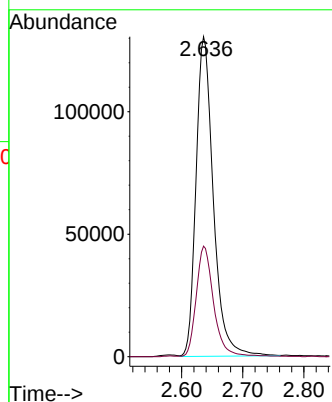
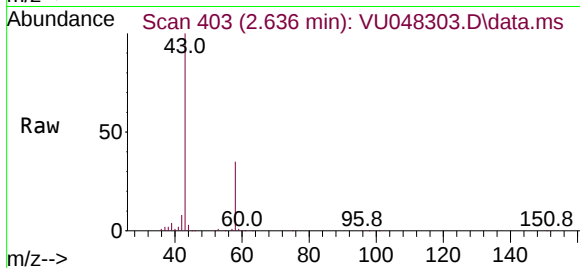
VSTD050103

Tgt Ion: 43 Resp: 256684

Ion Ratio Lower Upper

43 100

58 34.4 0.0 71.2



#14

Carbon disulfide

Concen: 50.640 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU048303.D

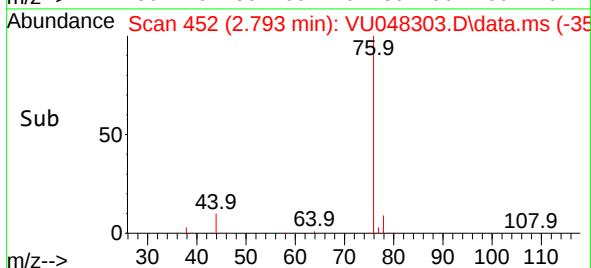
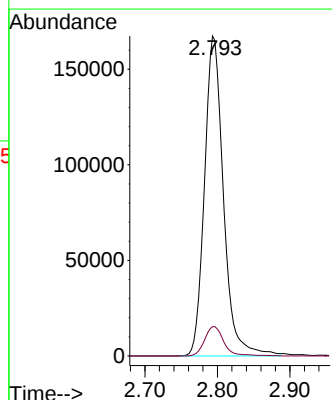
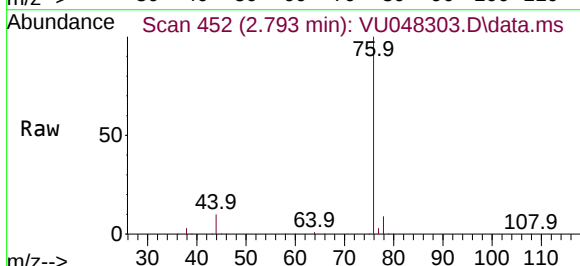
Acq: 27 Apr 2022 09:58

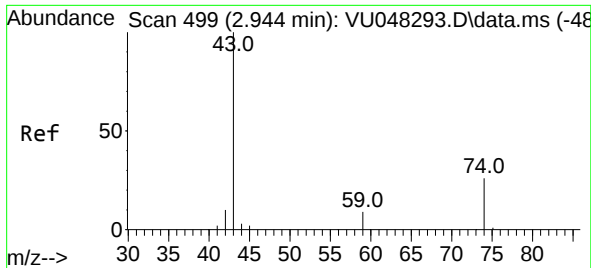
Tgt Ion: 76 Resp: 305070

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

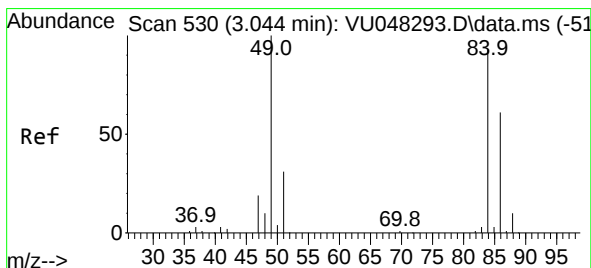
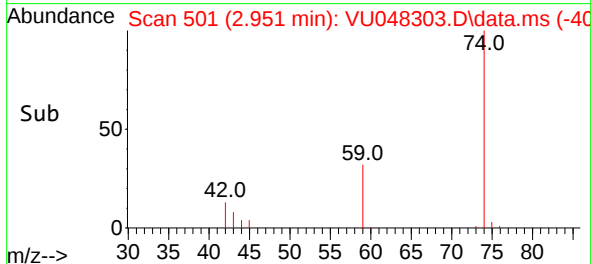
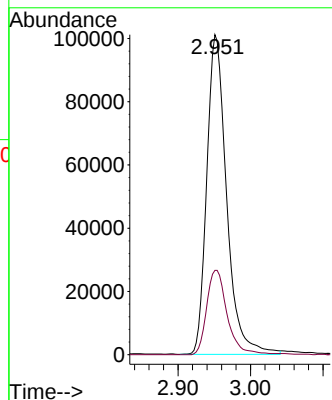
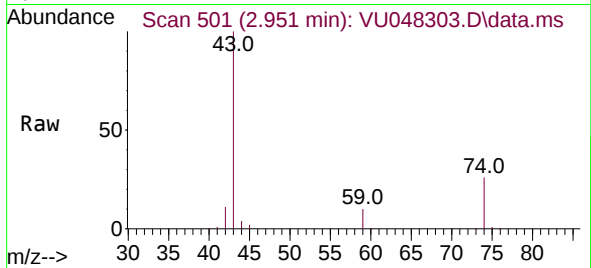




#15
Methyl Acetate
Concen: 51.207 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

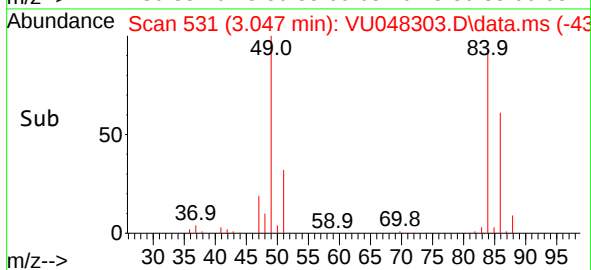
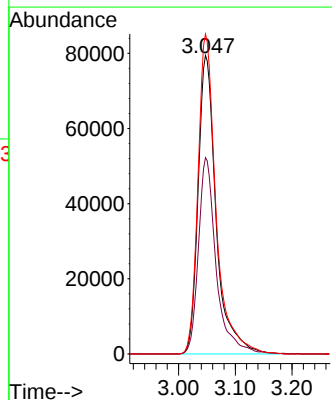
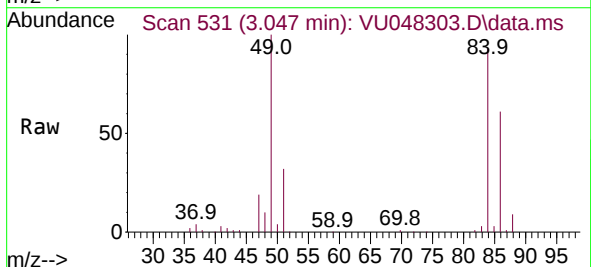
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

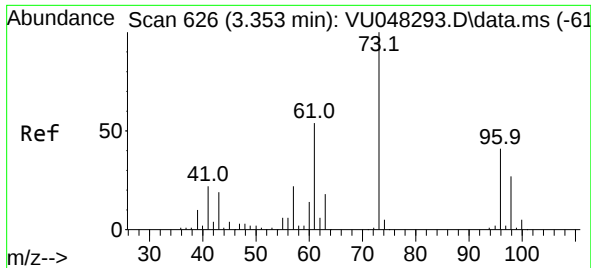
Tgt Ion: 43 Resp: 192397
Ion Ratio Lower Upper
43 100
74 27.2 21.0 31.6



#16
Methylene chloride
Concen: 55.147 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 84 Resp: 175739
Ion Ratio Lower Upper
84 100
86 65.8 45.4 84.2
49 107.2 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 55.574 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050103

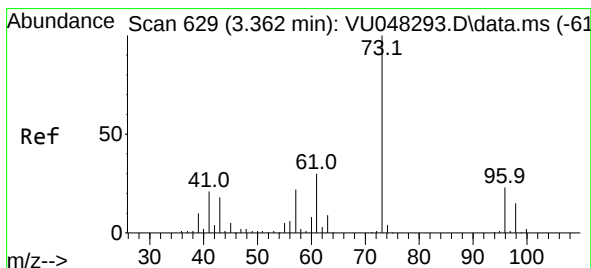
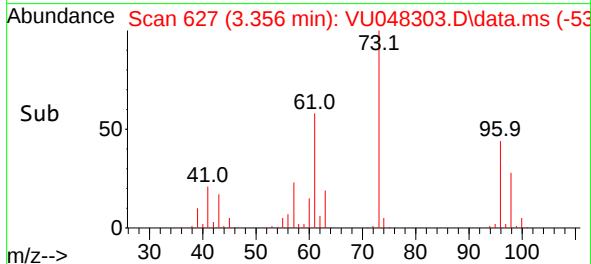
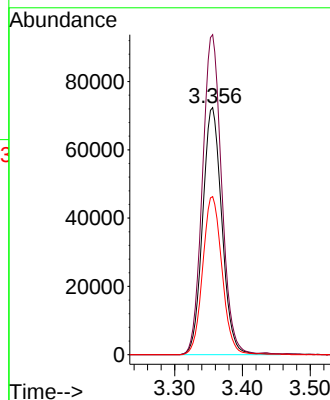
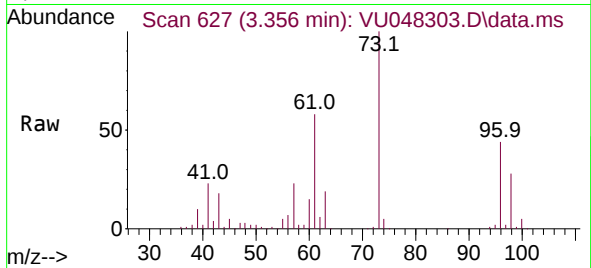
Tgt Ion: 96 Resp: 142705

Ion Ratio Lower Upper

96 100

61 129.5 95.2 176.8

98 64.0 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 56.631 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

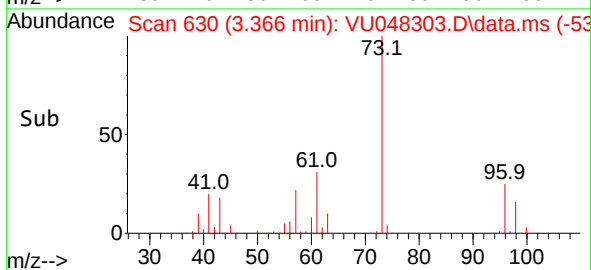
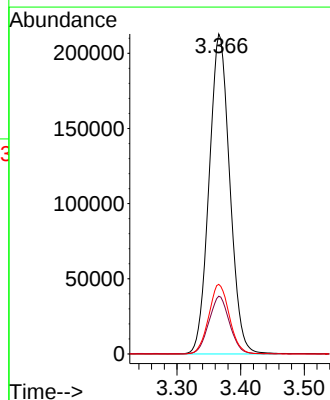
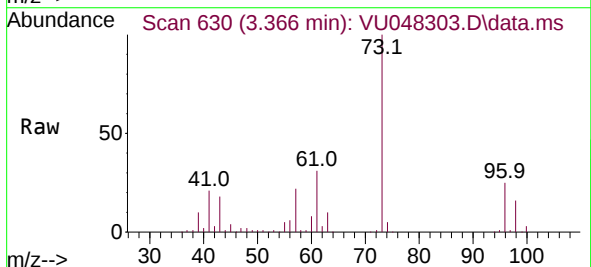
Tgt Ion: 73 Resp: 479804

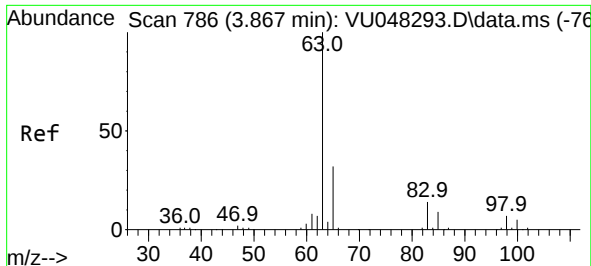
Ion Ratio Lower Upper

73 100

43 17.9 13.8 20.6

57 21.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 54.675 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050103

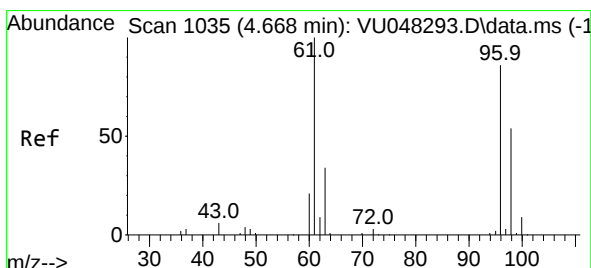
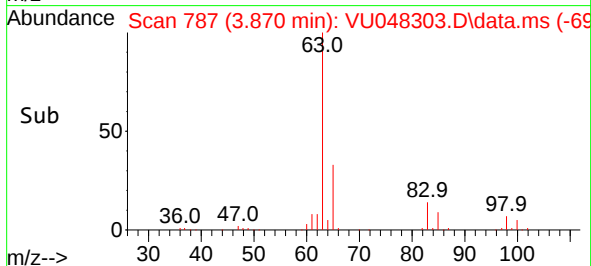
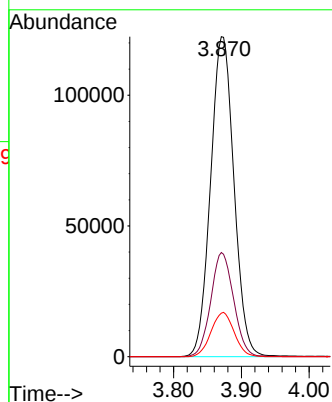
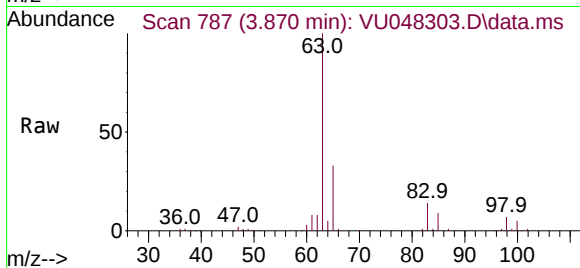
Tgt Ion: 63 Resp: 293588

Ion Ratio Lower Upper

63 100

65 32.6 22.0 40.8

83 13.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 57.141 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

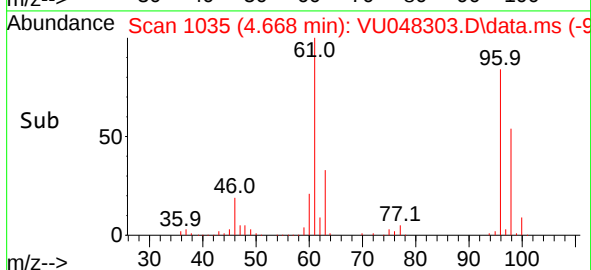
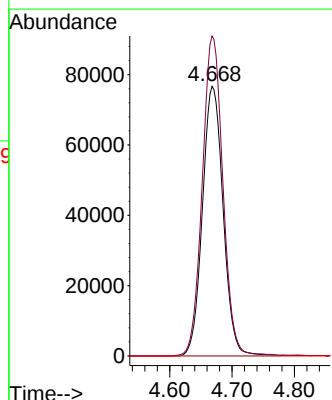
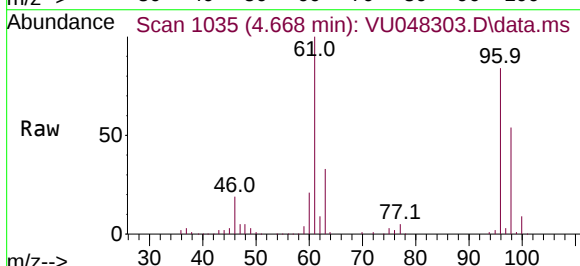
Tgt Ion: 96 Resp: 176865

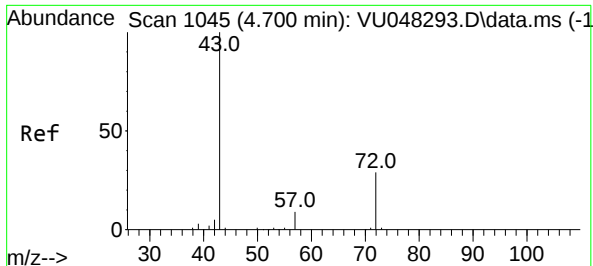
Ion Ratio Lower Upper

96 100

61 118.7 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 113.465 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

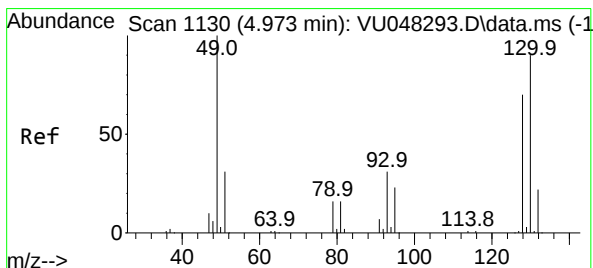
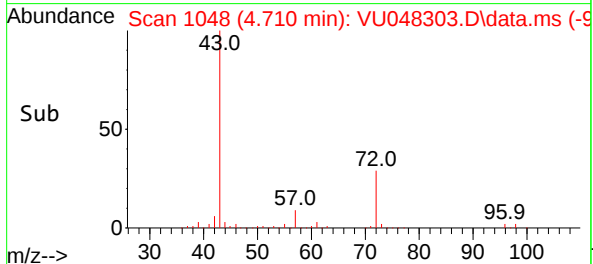
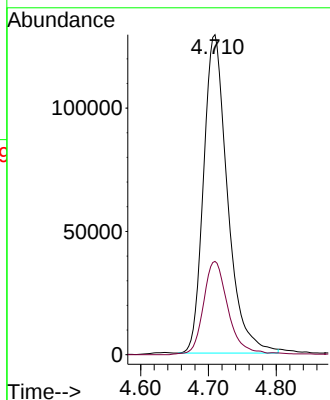
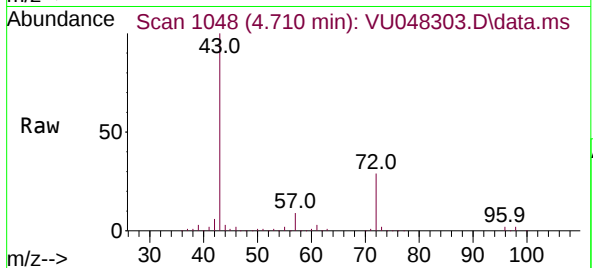
VSTD050103

Tgt Ion: 43 Resp: 317572

Ion Ratio Lower Upper

43 100

72 30.0 14.6 43.8



#23

Bromochloromethane

Concen: 56.165 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Tgt Ion:128 Resp: 97058

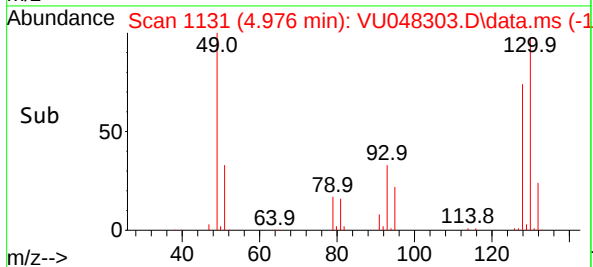
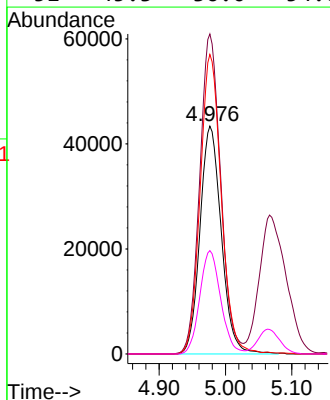
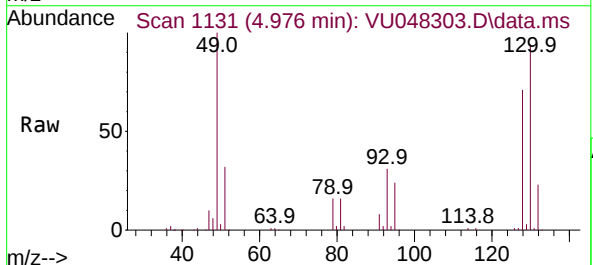
Ion Ratio Lower Upper

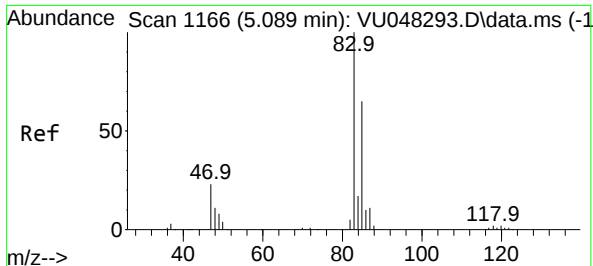
128 100

49 140.4 101.3 188.1

130 131.4 89.0 165.2

51 45.3 36.0 54.0





#25

Chloroform

Concen: 57.299 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

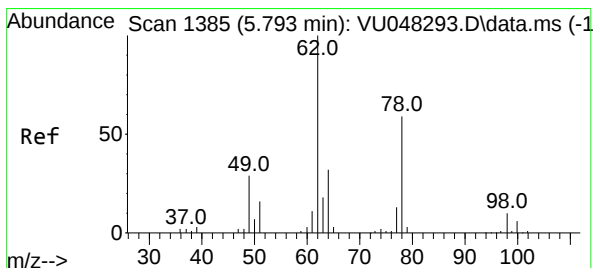
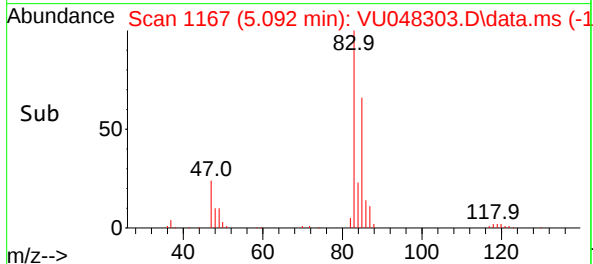
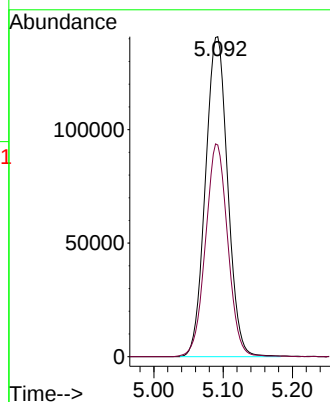
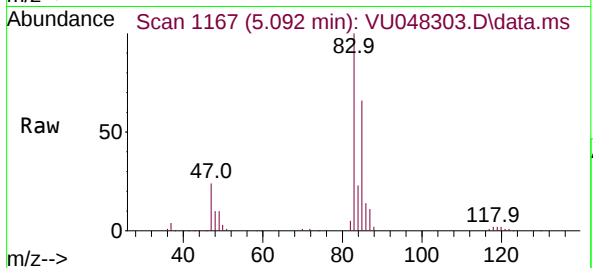
VSTD050103

Tgt Ion: 83 Resp: 314186

Ion Ratio Lower Upper

83 100

85 66.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 56.588 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU048303.D

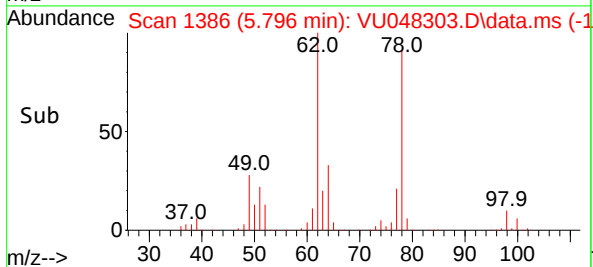
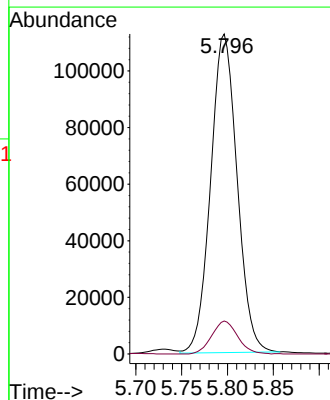
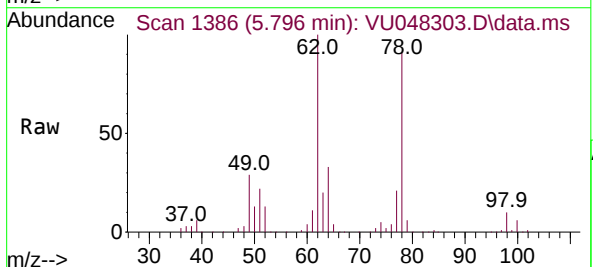
Acq: 27 Apr 2022 09:58

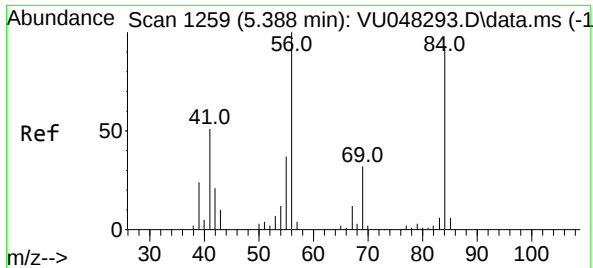
Tgt Ion: 62 Resp: 226323

Ion Ratio Lower Upper

62 100

98 10.3 8.5 12.7





#29

Cyclohexane

Concen: 57.586 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050103

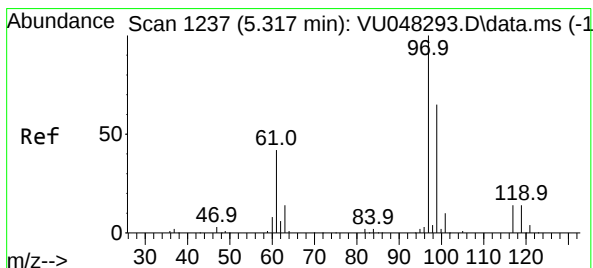
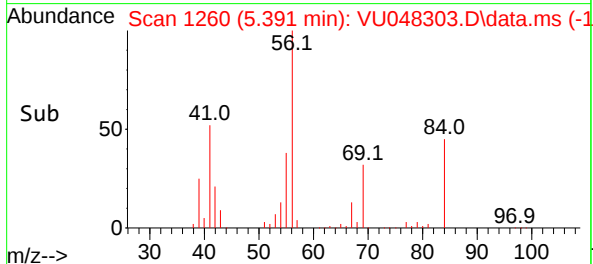
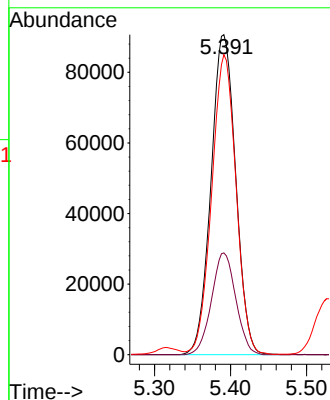
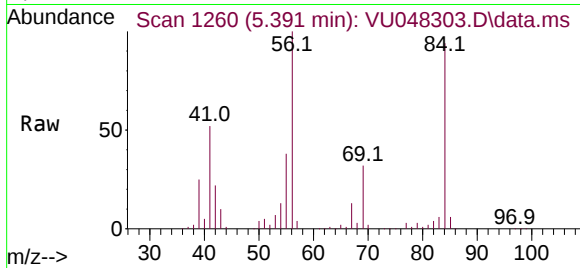
Tgt Ion: 56 Resp: 204378

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.4

84 92.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 60.746 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

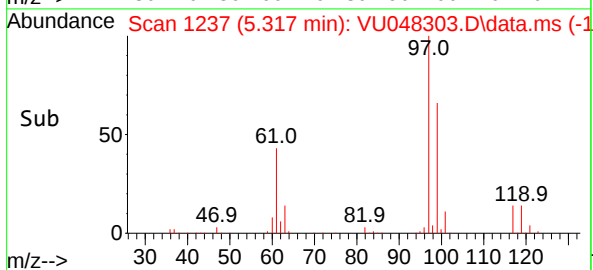
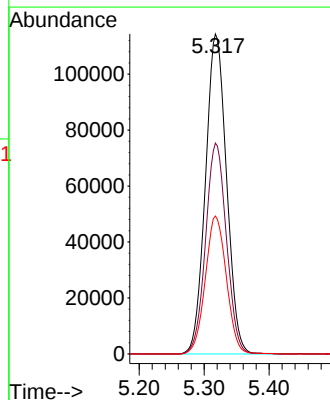
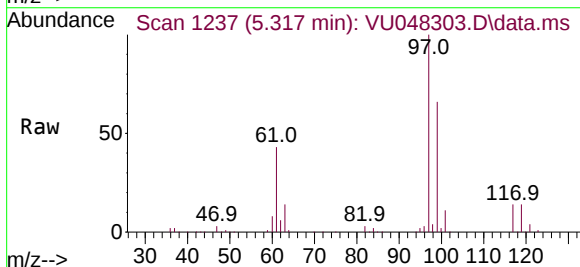
Tgt Ion: 97 Resp: 258035

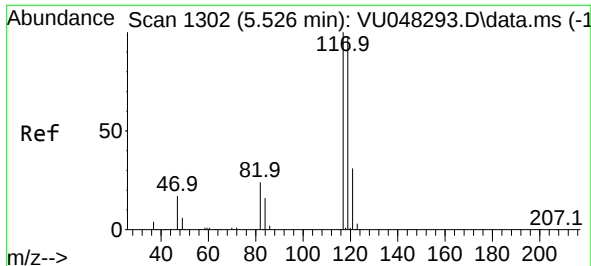
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

61 43.1 33.9 50.9

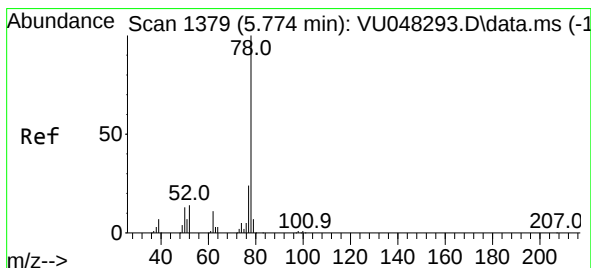
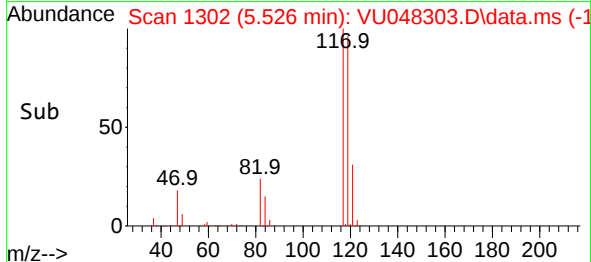
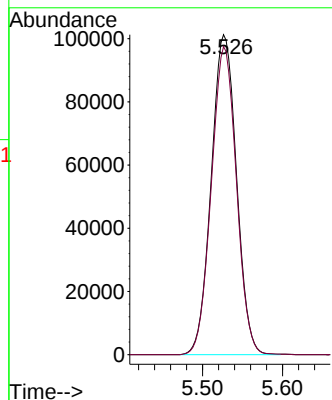
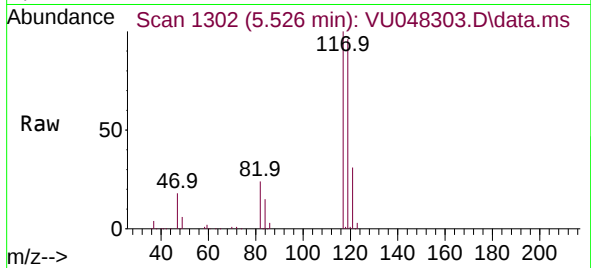




#31
Carbon tetrachloride
Concen: 61.373 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

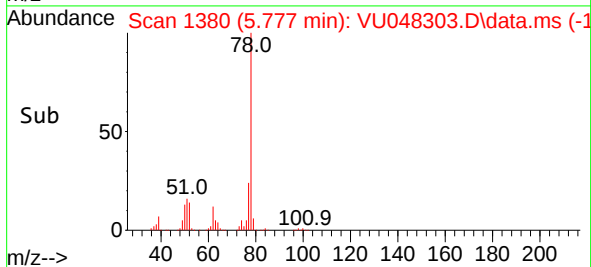
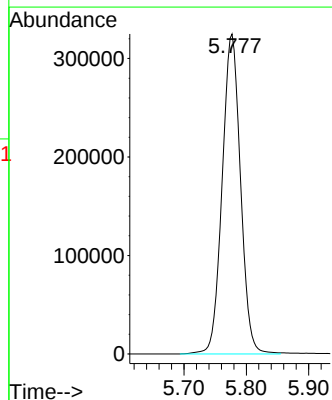
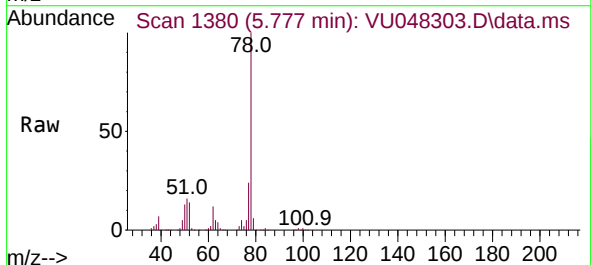
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

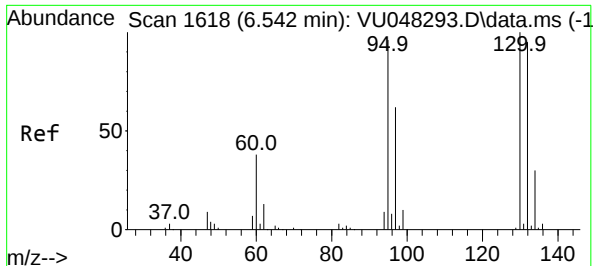
Tgt Ion:117 Resp: 222198
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 59.650 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 78 Resp: 663395

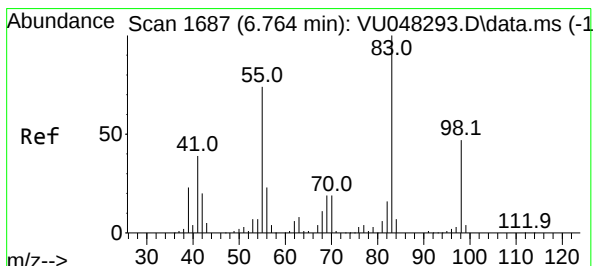
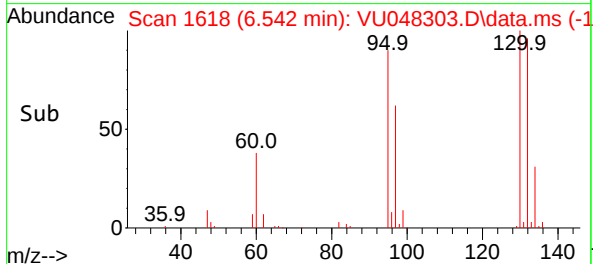
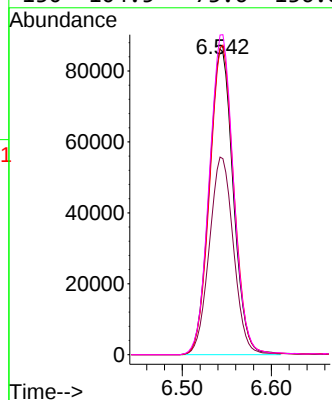
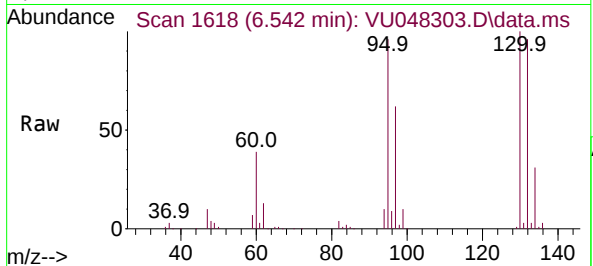




#34
Trichloroethene
Concen: 59.276 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

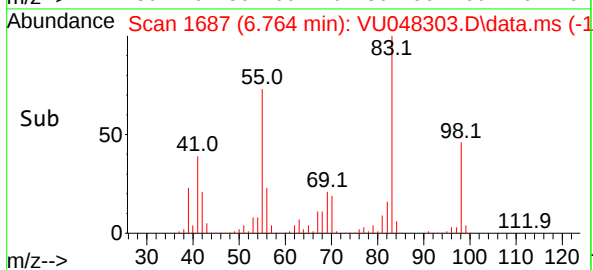
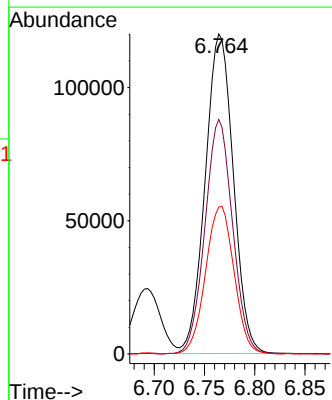
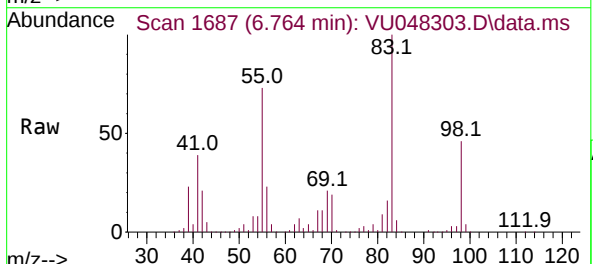
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

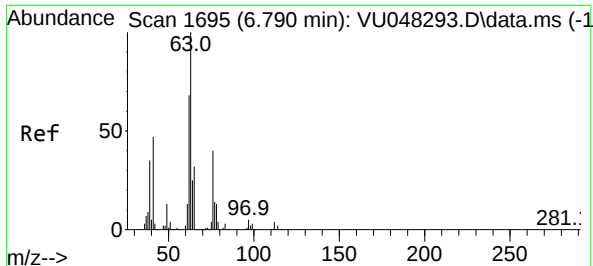
Tgt Ion: 95 Resp: 161586
Ion Ratio Lower Upper
95 100
97 64.6 45.8 85.2
132 100.2 71.6 133.0
130 104.5 73.6 136.8



#35
Methylcyclohexane
Concen: 61.031 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 83 Resp: 233576
Ion Ratio Lower Upper
83 100
55 72.3 59.4 89.2
98 46.8 37.3 55.9

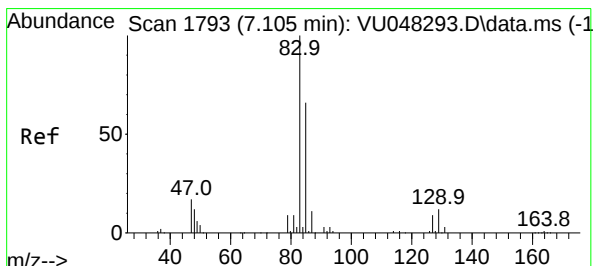
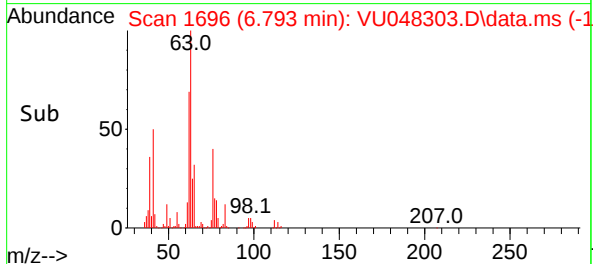
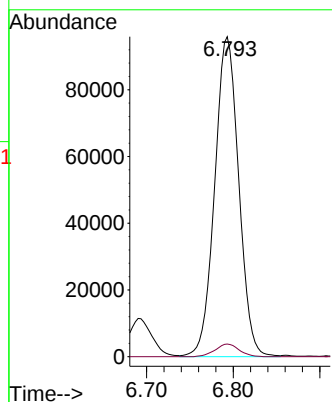
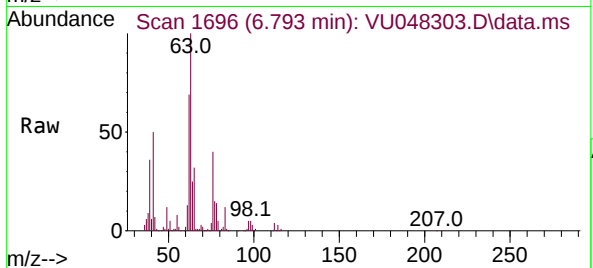




#37
1,2-Dichloropropane
Concen: 58.479 ug/L
RT: 6.793 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

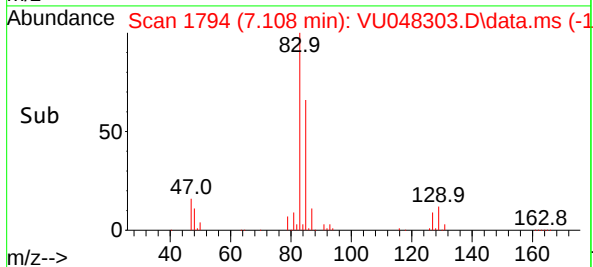
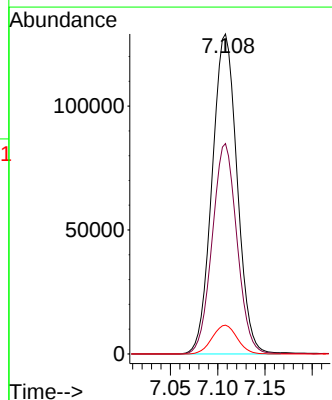
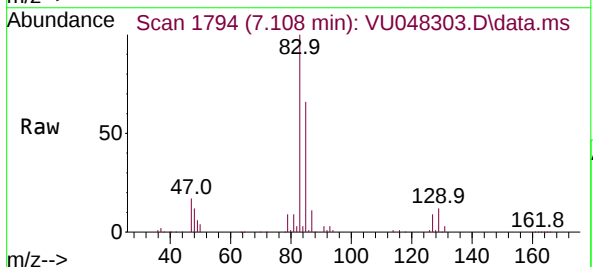
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

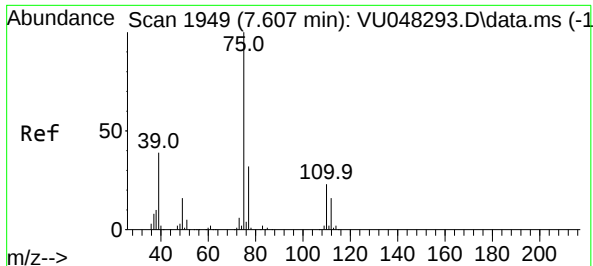
Tgt Ion: 63 Resp: 185042
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 59.486 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 83 Resp: 237707
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 59.052 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

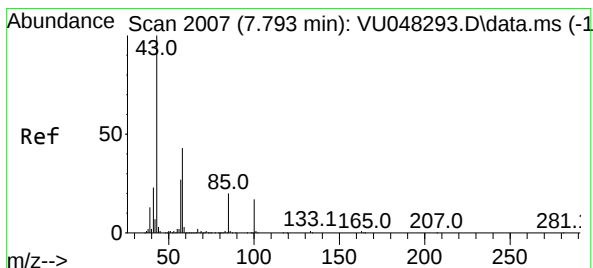
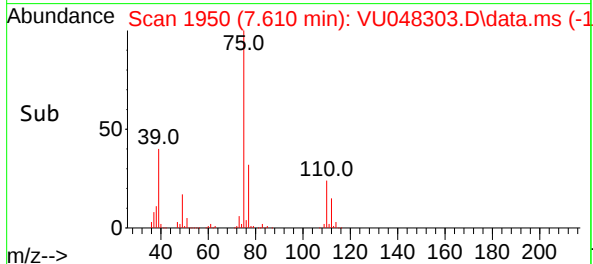
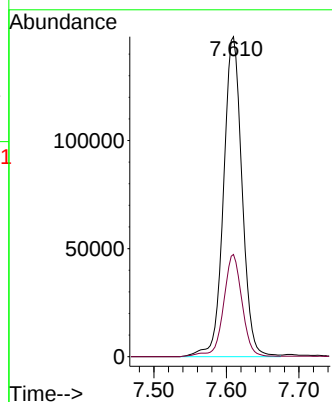
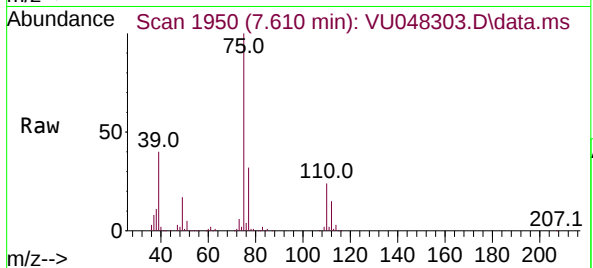
VSTD050103

Tgt Ion: 75 Resp: 262750

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 111.708 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

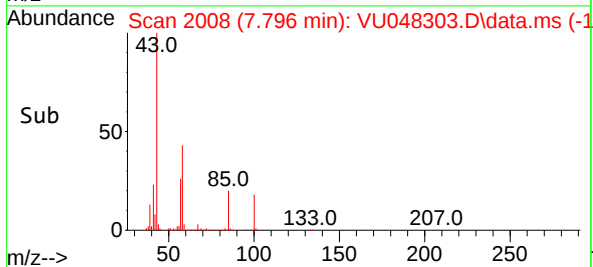
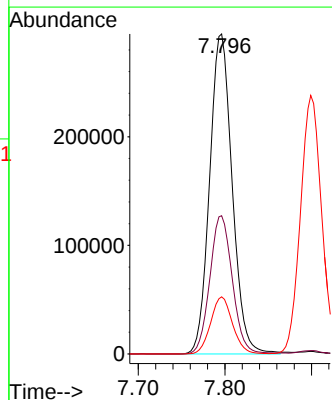
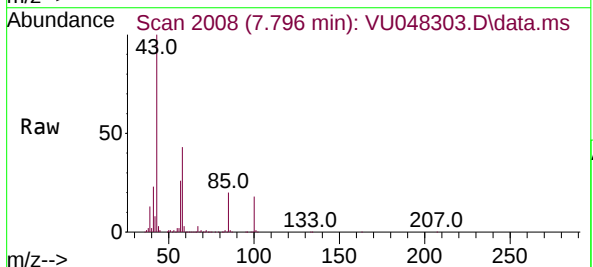
Tgt Ion: 43 Resp: 533127

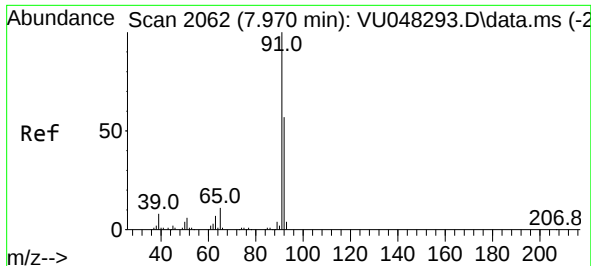
Ion Ratio Lower Upper

43 100

58 43.1 34.4 51.6

100 17.3 13.6 20.4





#42

Toluene

Concen: 61.265 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

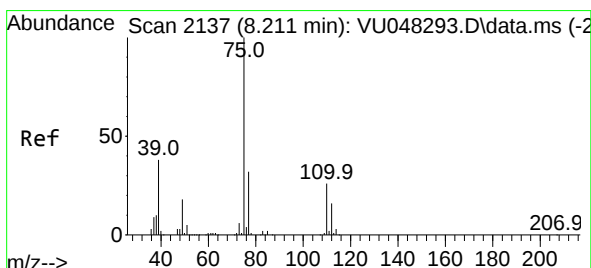
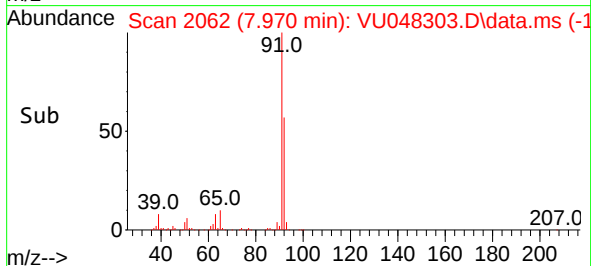
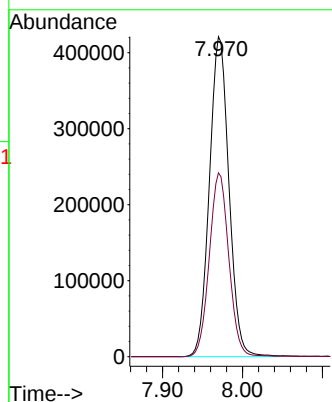
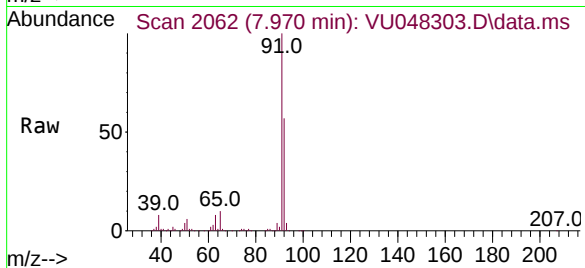
VSTD050103

Tgt Ion: 91 Resp: 715358

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 58.738 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048303.D

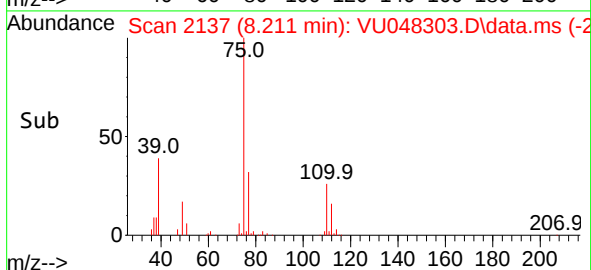
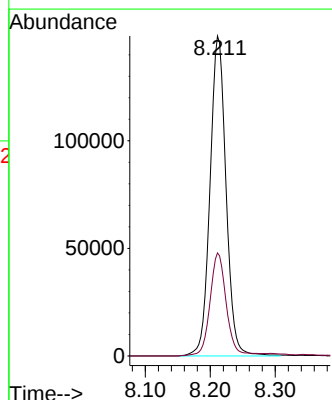
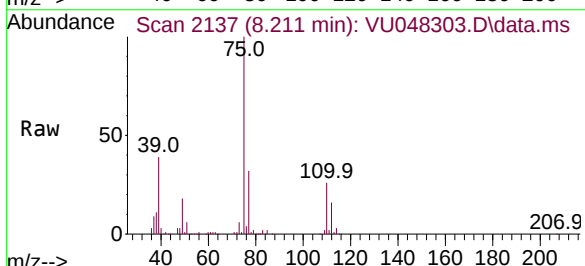
Acq: 27 Apr 2022 09:58

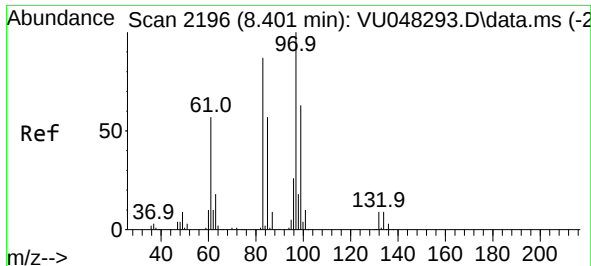
Tgt Ion: 75 Resp: 255321

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



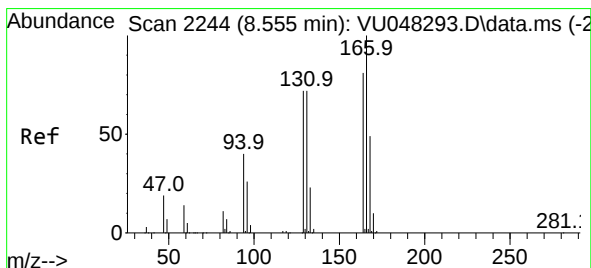
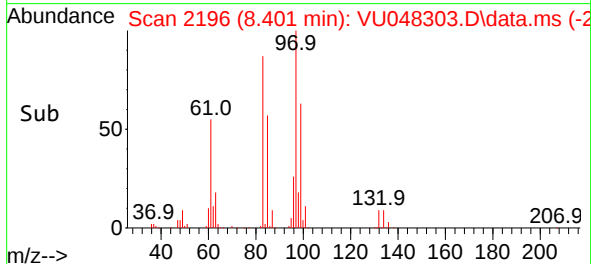
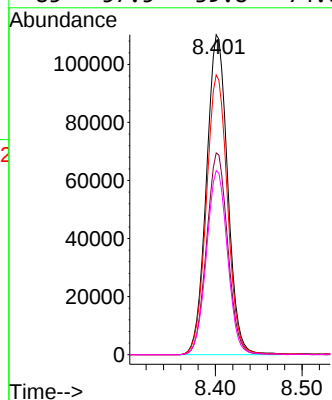
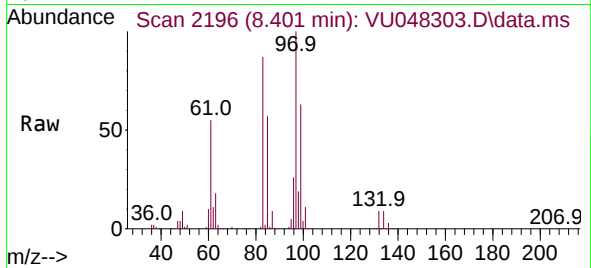


#45
1,1,2-Trichloroethane
Concen: 56.517 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 97 Resp: 187628

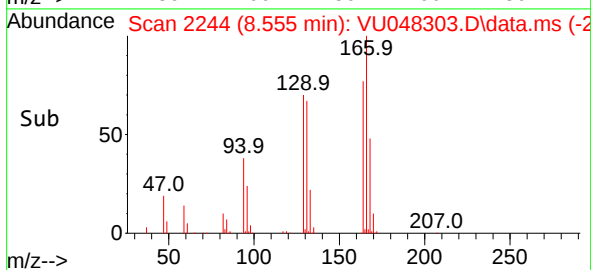
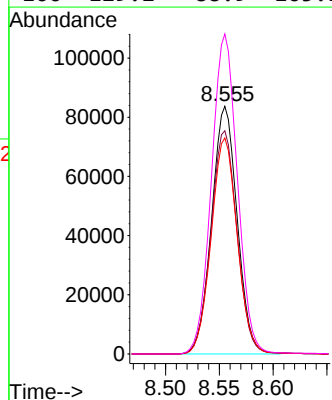
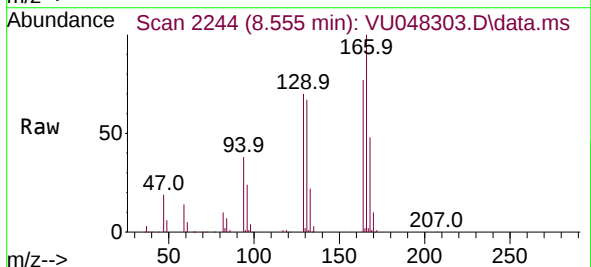
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.7	81.1
83	87.4	62.6	116.2
85	57.5	39.8	74.0

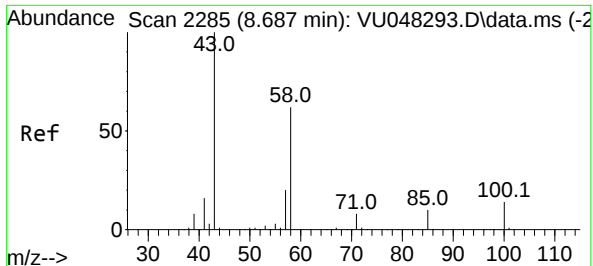


#46
Tetrachloroethene
Concen: 59.125 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 164 Resp: 138325

Ion	Ratio	Lower	Upper
164	100		
129	90.1	63.3	117.7
131	87.2	61.2	113.6
166	129.2	88.9	165.1

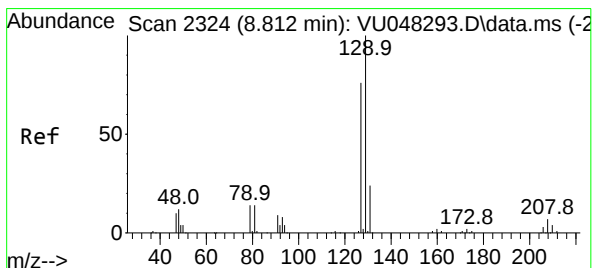
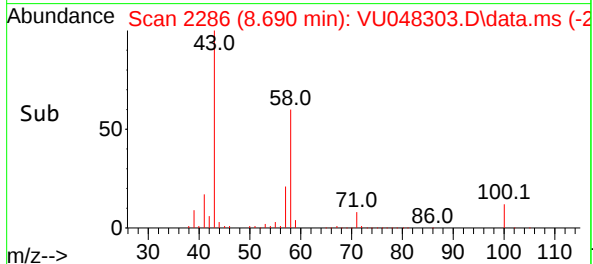
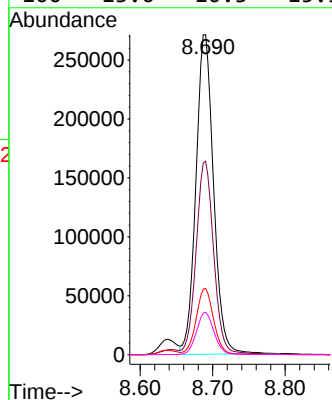
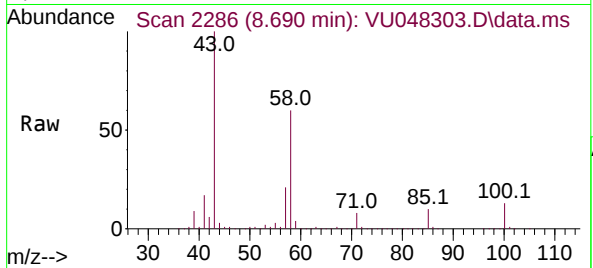




#48
2-Hexanone
Concen: 115.218 ug/L
RT: 8.690 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

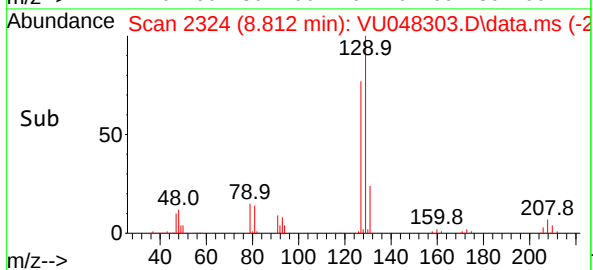
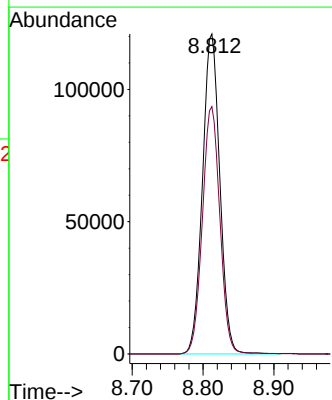
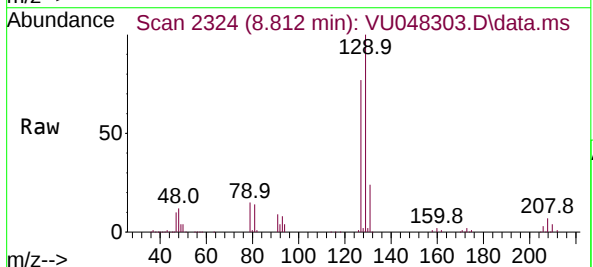
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

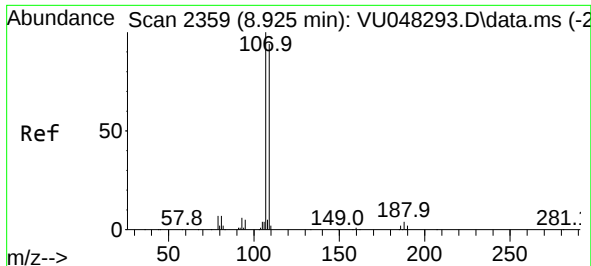
Tgt Ion: 43 Resp: 459183
Ion Ratio Lower Upper
43 100
58 59.5 48.1 72.1
57 20.6 16.2 24.4
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 56.402 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 129 Resp: 205757
Ion Ratio Lower Upper
129 100
127 77.3 53.8 99.8





#50

1,2-Dibromoethane

Concen: 57.604 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050103

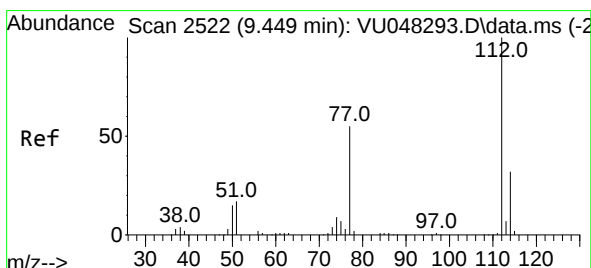
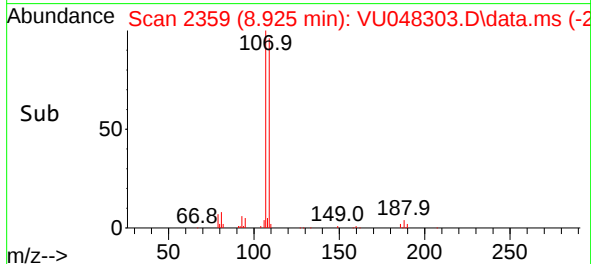
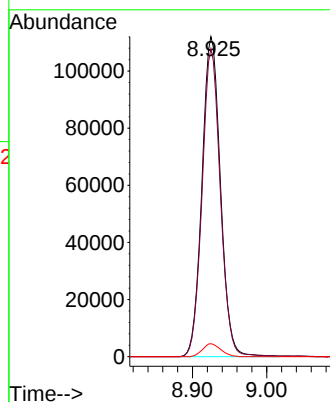
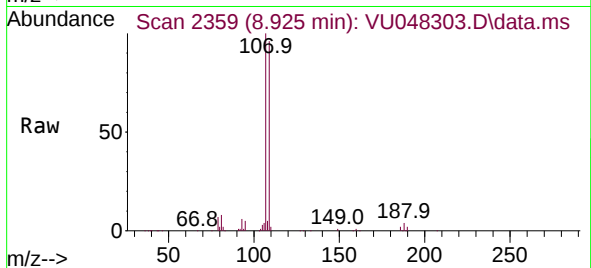
Tgt Ion:107 Resp: 193931

Ion Ratio Lower Upper

107 100

109 96.3 65.0 120.8

188 4.1 3.1 4.7



#51

Chlorobenzene

Concen: 56.194 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048303.D

Acq: 27 Apr 2022 09:58

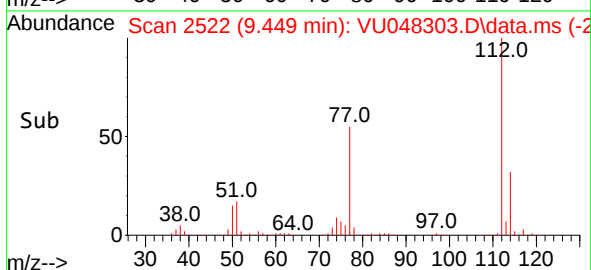
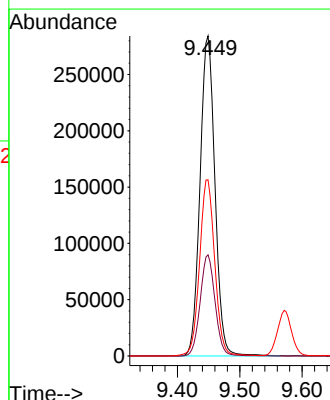
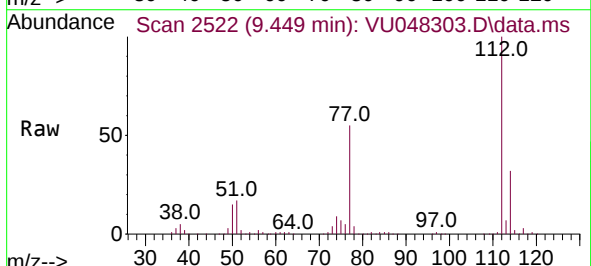
Tgt Ion:112 Resp: 472948

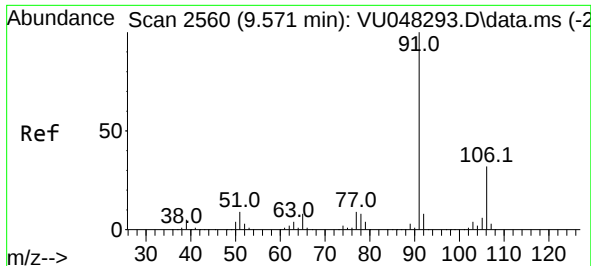
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.1

77 55.1 44.3 66.5

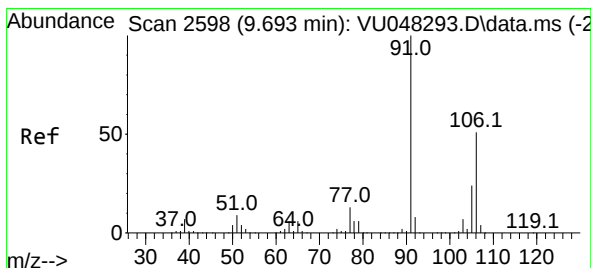
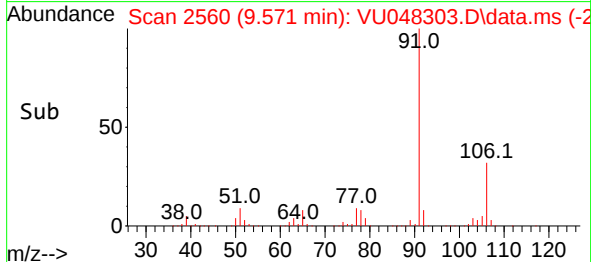
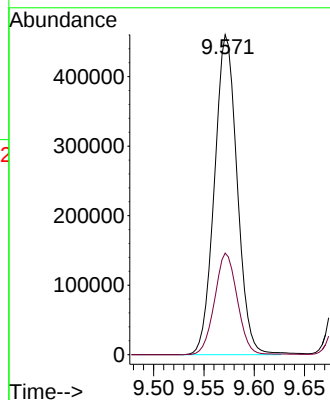
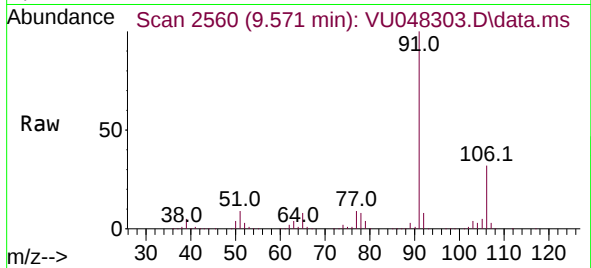




#52
Ethylbenzene
Concen: 59.724 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

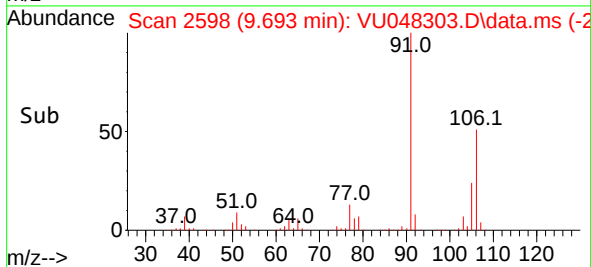
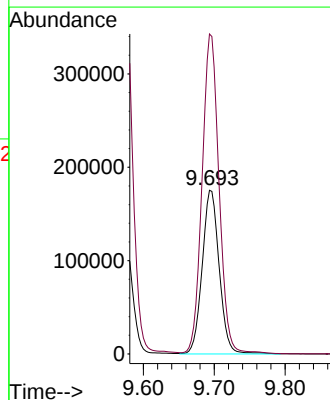
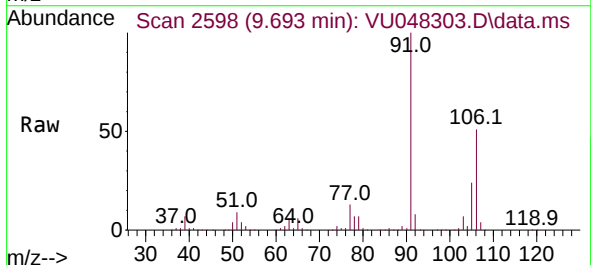
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

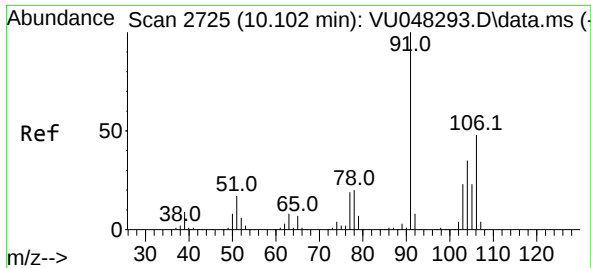
Tgt Ion: 91 Resp: 722204
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9



#53
m,p-Xylene
Concen: 61.216 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 106 Resp: 292120
Ion Ratio Lower Upper
106 100
91 195.4 137.4 255.2

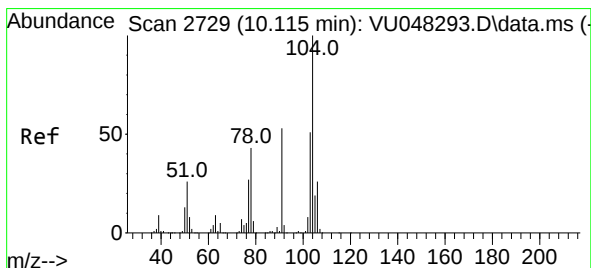
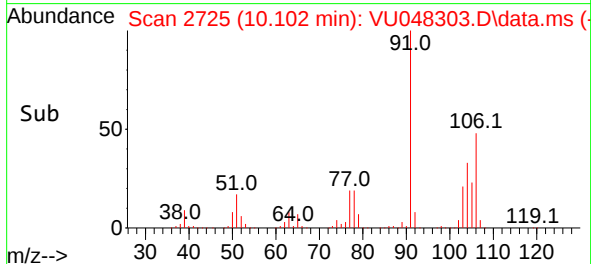
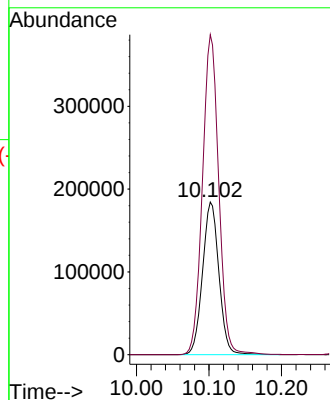
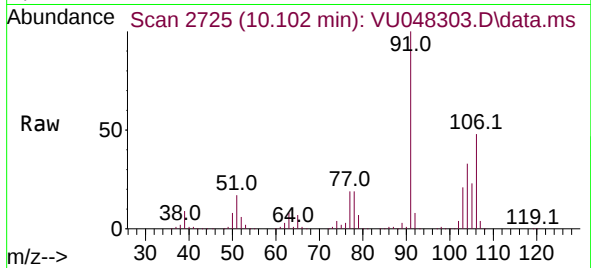




#54
o-Xylene
Concen: 60.091 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

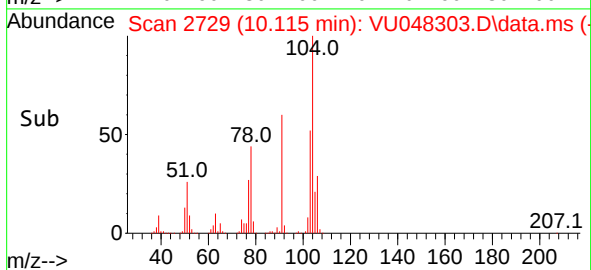
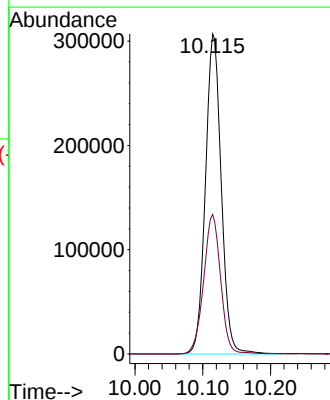
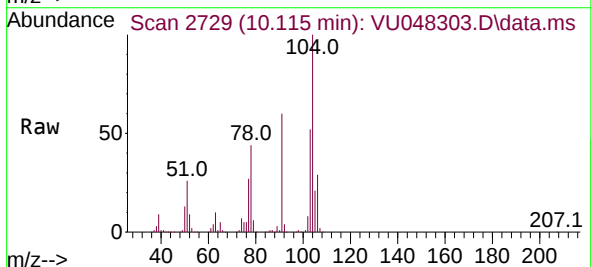
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

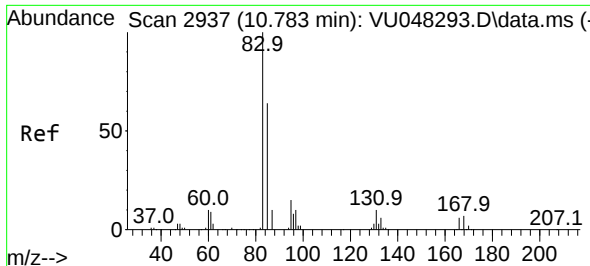
Tgt Ion:106 Resp: 288873
Ion Ratio Lower Upper
106 100
91 209.7 145.3 269.8



#55
Styrene
Concen: 60.591 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion:104 Resp: 496209
Ion Ratio Lower Upper
104 100
78 43.6 30.3 56.3

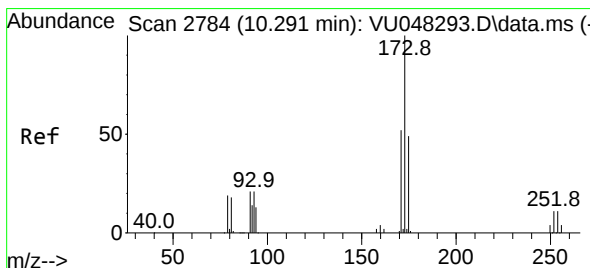
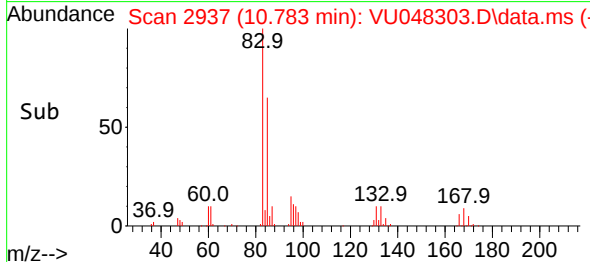
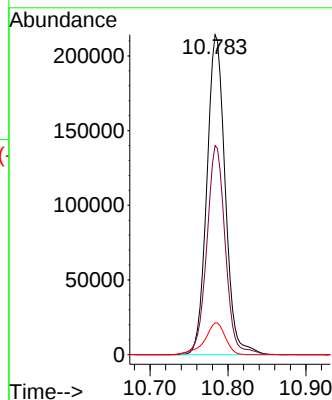
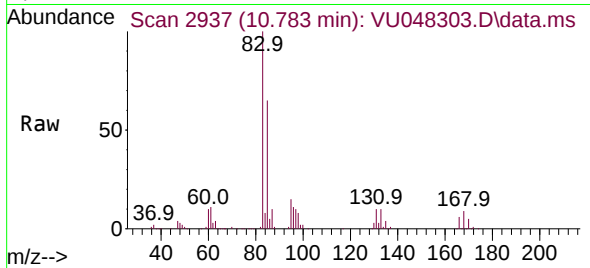




#57
1,1,2,2-Tetrachloroethane
Concen: 53.302 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

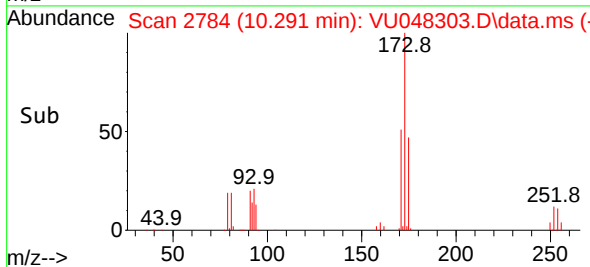
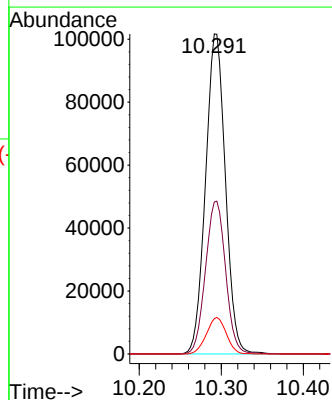
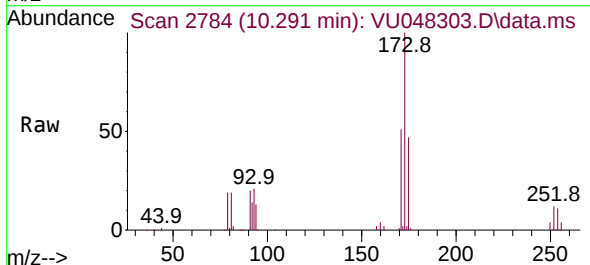
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

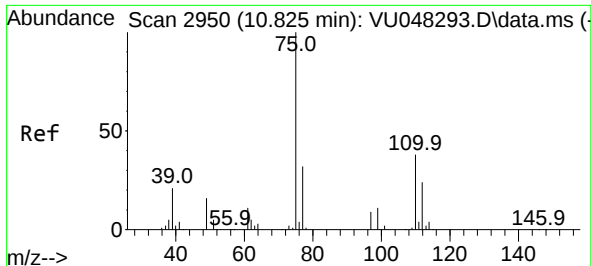
Tgt Ion: 83 Resp: 349238
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
131 9.9 7.8 11.6



#59
Bromoform
Concen: 55.859 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion:173 Resp: 170789
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 11.4 9.5 14.3

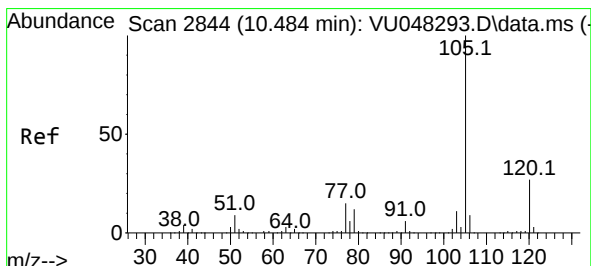
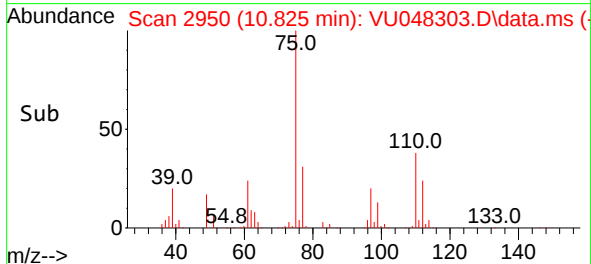
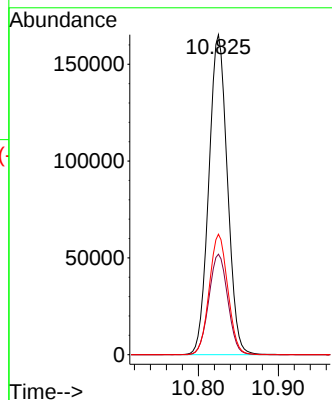
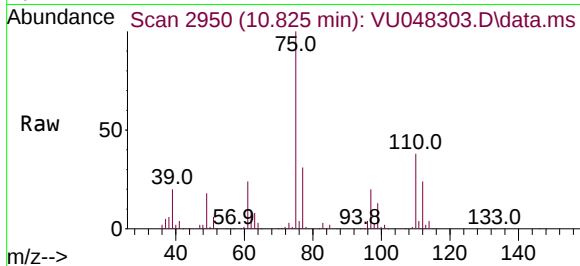




#60
1,2,3-Trichloropropane
Concen: 54.288 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

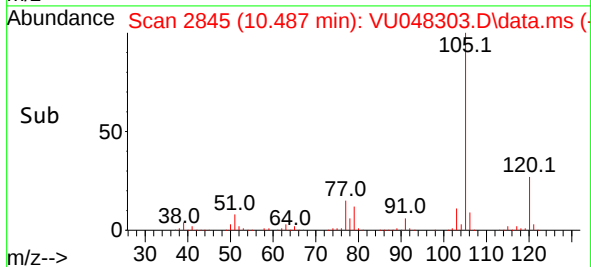
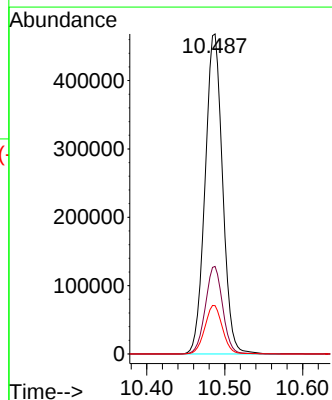
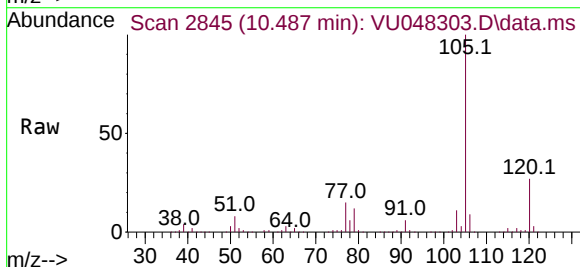
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

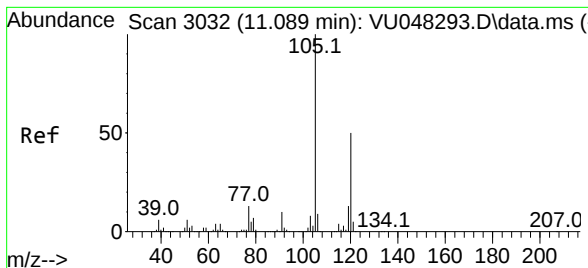
Tgt Ion: 75 Resp: 266818
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 37.5 29.9 44.9



#61
Isopropylbenzene
Concen: 61.884 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion: 105 Resp: 728975
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 15.3 11.7 17.5

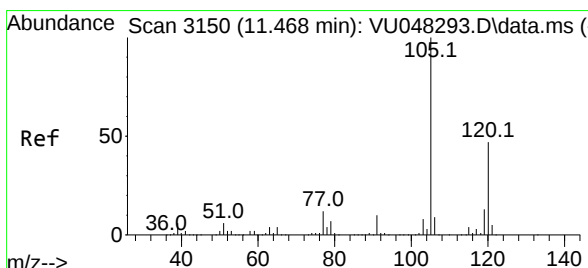
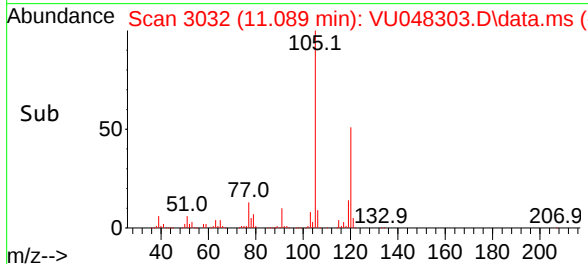
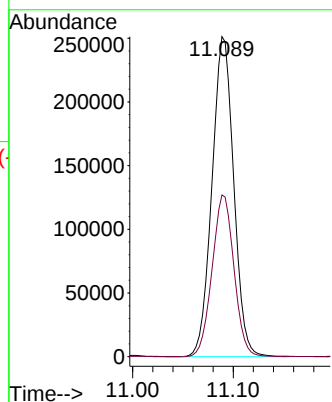
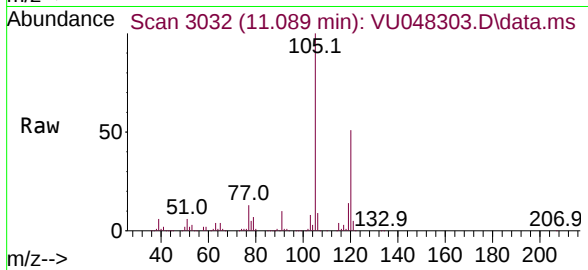




#62
 1,3,5-Trimethylbenzene
 Concen: 60.774 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

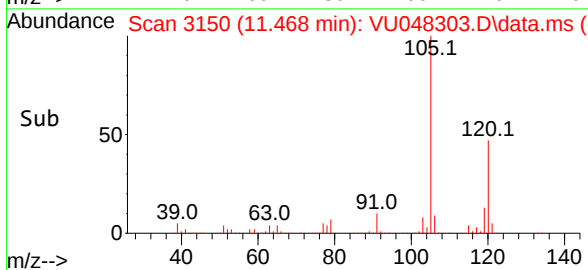
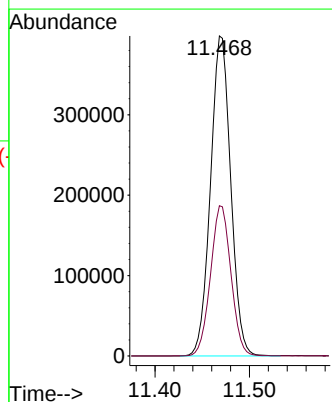
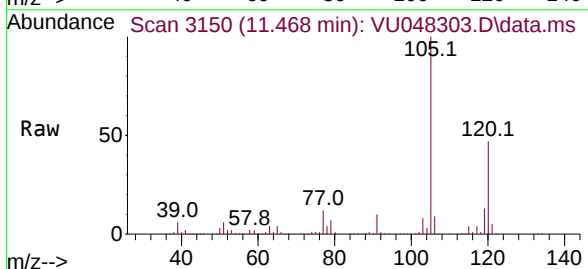
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050103

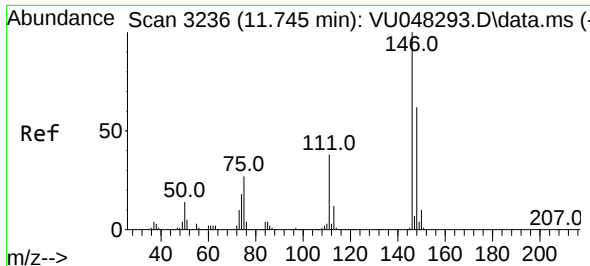
Tgt Ion:105 Resp: 377324
 Ion Ratio Lower Upper
 105 100
 120 50.8 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 61.980 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

Tgt Ion:105 Resp: 591631
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.0 57.0

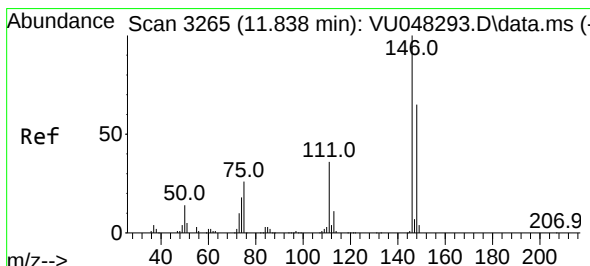
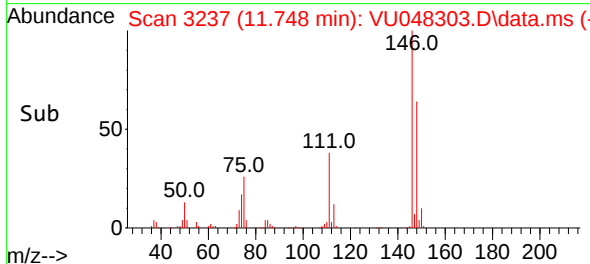
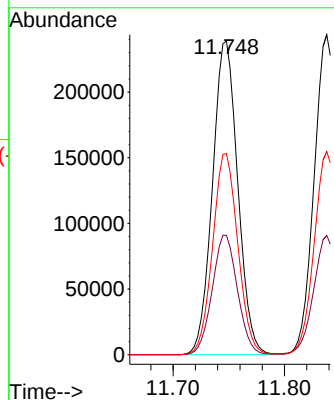
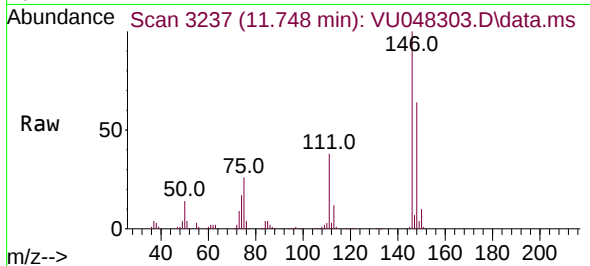




#64
1,3-Dichlorobenzene
Concen: 57.072 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

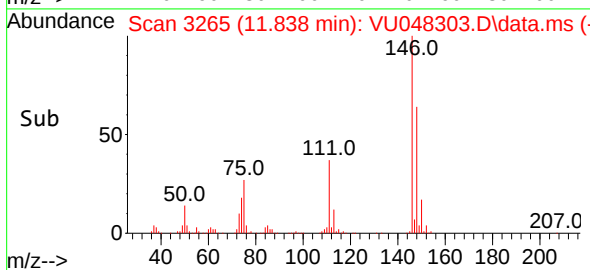
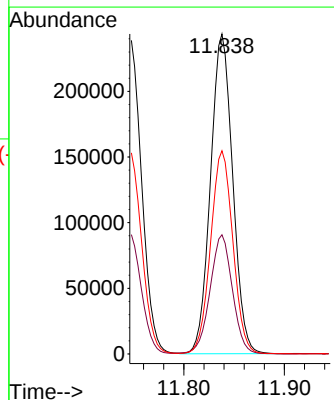
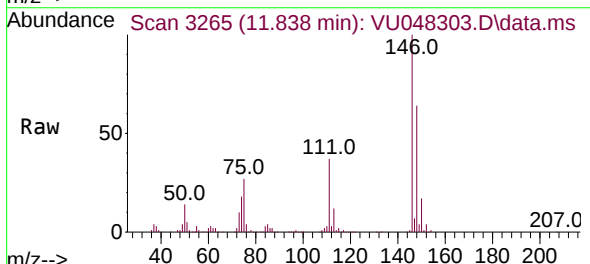
Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

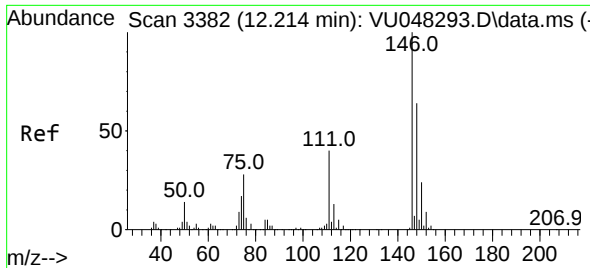
Tgt Ion:146 Resp: 376908
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 64.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 55.369 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion:146 Resp: 373303
Ion Ratio Lower Upper
146 100
111 37.3 25.9 48.1
148 63.5 45.1 83.7

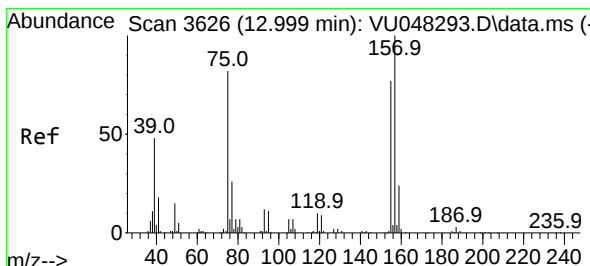
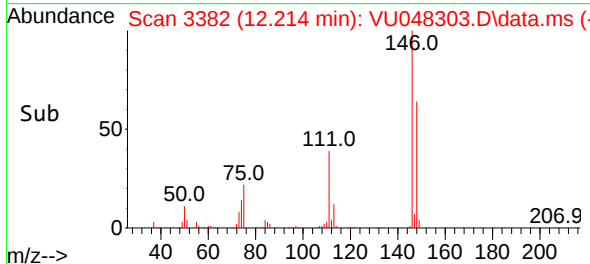
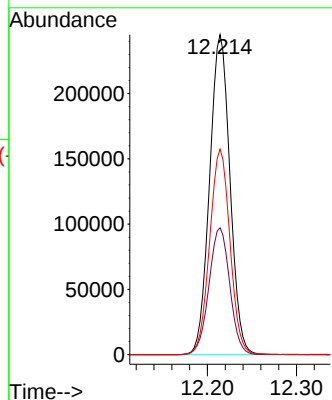
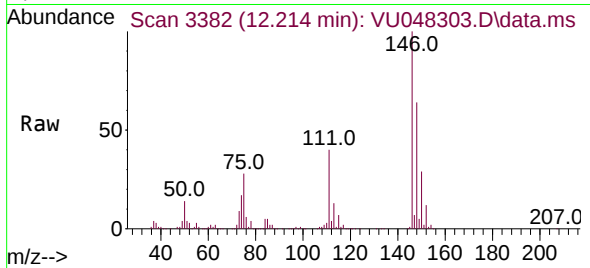




#67
 1,2-Dichlorobenzene
 Concen: 55.910 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

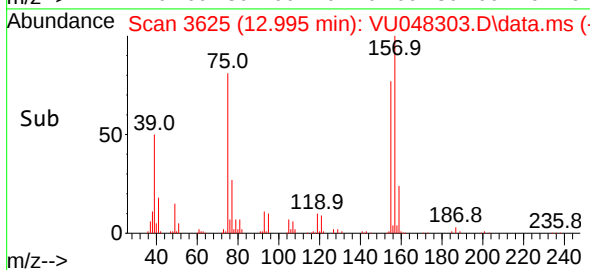
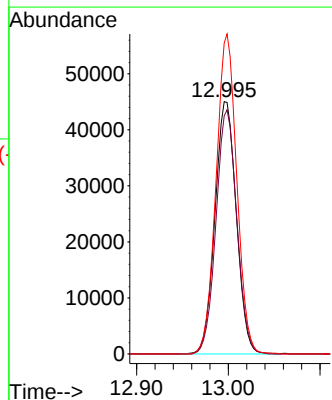
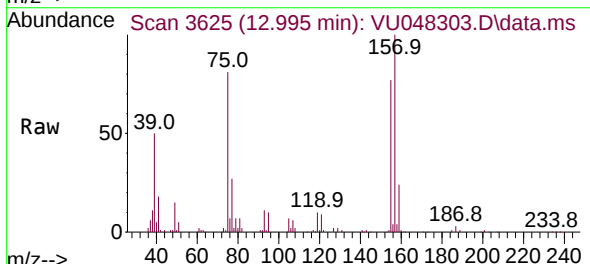
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050103

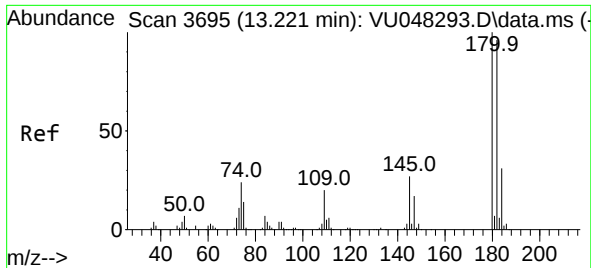
Tgt Ion:	146	Resp:	388967
Ion Ratio	Lower	Upper	
146	100		
111	39.7	31.7	47.5
148	64.2	50.9	76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 55.372 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

Tgt Ion:	75	Resp:	72650
Ion Ratio	Lower	Upper	
75	100		
155	94.3	71.8	107.6
157	123.2	93.4	140.2



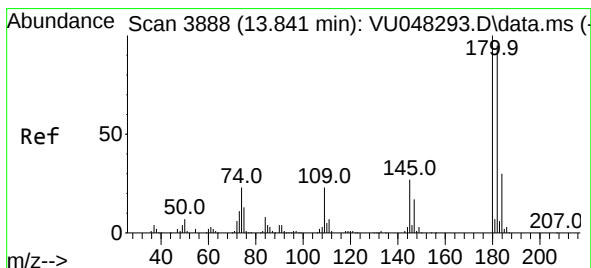
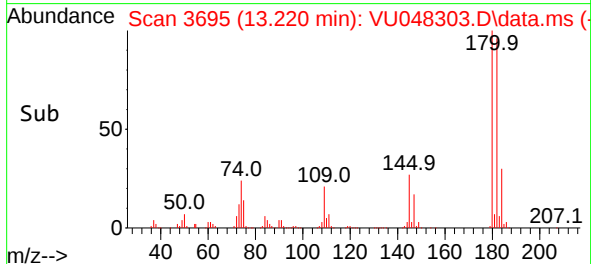
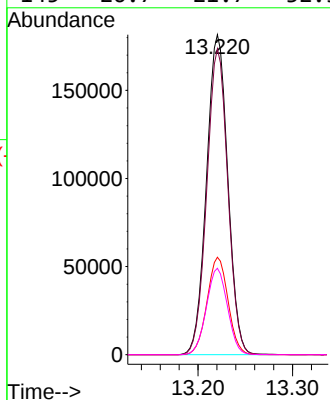
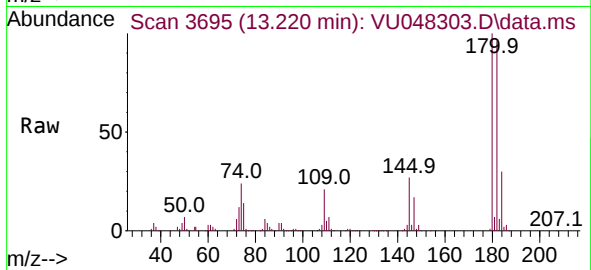


#69
 1,3,5-Trichlorobenzene
 Concen: 57.878 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050103

Tgt Ion:180 Resp: 284029

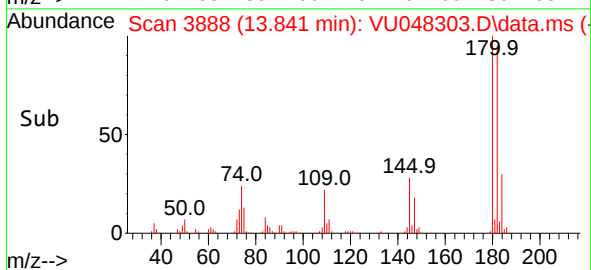
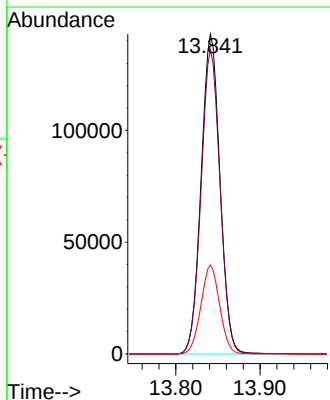
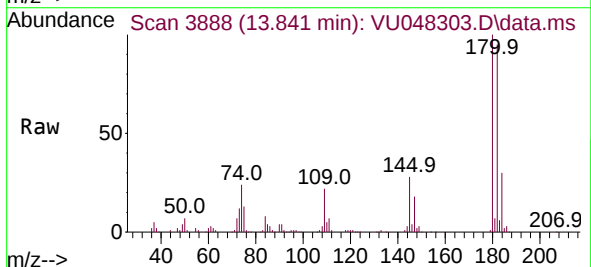
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
184	30.0	24.6	37.0
145	26.7	21.7	32.5

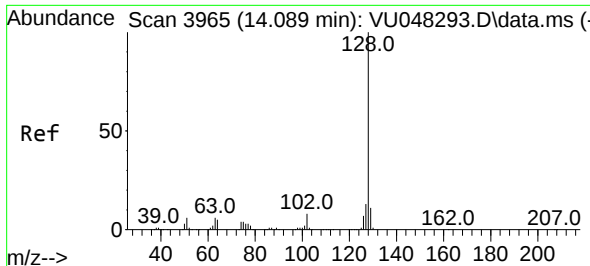


#70
 1,2,4-trichlorobenzene
 Concen: 57.516 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048303.D
 Acq: 27 Apr 2022 09:58

Tgt Ion:180 Resp: 222984

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	27.6	22.6	33.8

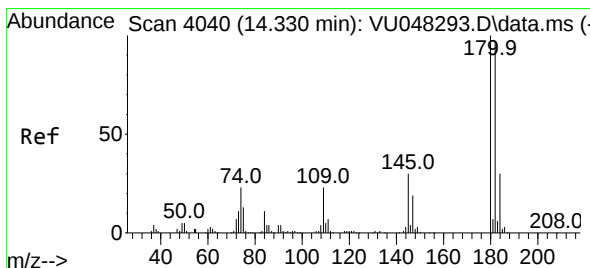
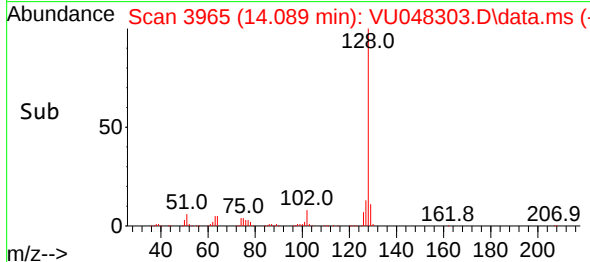
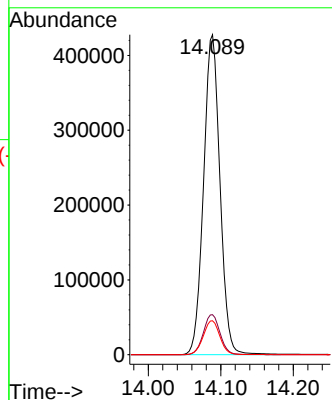
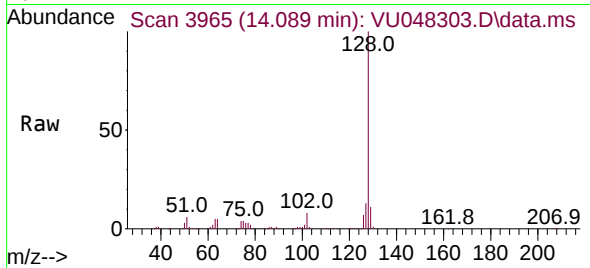




#71
Naphthalene
Concen: 60.590 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:128 Resp: 672245
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 60.711 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048303.D
Acq: 27 Apr 2022 09:58

Tgt Ion:180 Resp: 241215
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 29.5 23.5 35.3

