

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
 Data File : VU050573.D
 Acq On : 01 Sep 2022 00:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050185

Quant Time: Sep 01 05:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	381734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	346259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142384	48.633	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.260%
7) Chloroethane-d5	1.903	69	118696	52.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.565	63	249584	50.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.980%
21) 2-Butanone-d5	4.623	46	239295	93.455	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	5.063	84	278401	48.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
26) 1,2-Dichloroethane-d4	5.700	65	172406	46.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
32) Benzene-d6	5.726	84	565430	52.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.380%
36) 1,2-Dichloropropane-d6	6.690	67	184760	51.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.400%
41) Toluene-d8	7.896	98	507218	54.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.660%
43) trans-1,3-Dichloroprop...	8.179	79	65693	45.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
47) 2-Hexanone-d5	8.636	63	119199	92.129	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.130%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	176883	31.735	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.480%#
66) 1,2-Dichlorobenzene-d4	12.192	152	128401	48.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	134597	56.006	ug/L	99
3) Chloromethane	1.517	50	194195	48.774	ug/L	97
5) Vinyl chloride	1.601	62	191466	52.080	ug/L	99
6) Bromomethane	1.848	94	89030	52.873	ug/L	99
8) Chloroethane	1.925	64	118279	51.121	ug/L	99
9) Trichlorofluoromethane	2.134	101	227995	53.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	138908	55.181	ug/L	100
12) 1,1-Dichloroethene	2.578	96	136521	51.899	ug/L	96
13) Acetone	2.633	43	173820	87.386	ug/L	98
14) Carbon disulfide	2.790	76	301278	46.609	ug/L	100
15) Methyl Acetate	2.948	43	188359	46.141	ug/L	99
16) Methylene chloride	3.044	84	174990	40.919	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	142657	50.073	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	443437	45.921	ug/L	99
19) 1,1-Dichloroethane	3.867	63	287471	49.531	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	161727	47.694	ug/L	98
22) 2-Butanone	4.703	43	278003	90.358	ug/L	100
23) Bromochloromethane	4.973	128	84815	46.730	ug/L	99
25) Chloroform	5.086	83	292801	48.867	ug/L	100

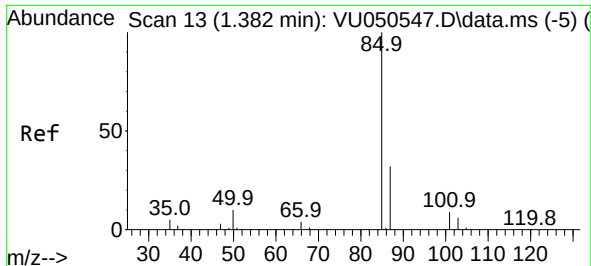
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	220583	46.410	ug/L	99
29) Cyclohexane	5.388	56	235795	60.936	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	229537	54.714	ug/L	99
31) Carbon tetrachloride	5.523	117	177843	55.522	ug/L	97
33) Benzene	5.774	78	670073	53.270	ug/L	100
34) Trichloroethene	6.542	95	150958	52.299	ug/L	99
35) Methylcyclohexane	6.761	83	233033	60.045	ug/L	99
37) 1,2-Dichloropropane	6.790	63	176038	51.115	ug/L	100
38) Bromodichloromethane	7.105	83	193985	49.783	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	208490	45.947	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	496103	99.516	ug/L	99
42) Toluene	7.967	91	682382	54.680	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	191946	46.434	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	165977	49.652	ug/L	98
46) Tetrachloroethene	8.552	164	110237	54.595	ug/L	98
48) 2-Hexanone	8.684	43	400851	94.060	ug/L	94
49) Dibromochloromethane	8.809	129	141392	48.717	ug/L	99
50) 1,2-Dibromoethane	8.925	107	171800	49.787	ug/L	99
51) Chlorobenzene	9.446	112	379147	48.819	ug/L	99
52) Ethylbenzene	9.571	91	606232	50.188	ug/L	99
53) m,p-Xylene	9.693	106	234052	51.430	ug/L	99
54) o-Xylene	10.102	106	165108	35.664	ug/L	99
55) Styrene	10.115	104	278954	36.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	190445	31.931	ug/L	98
59) Bromoform	10.291	173	65856	40.139	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	149183	40.557	ug/L	99
61) Isopropylbenzene	10.484	105	404500	46.296	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	356323	49.608	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	347858	49.860	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	192363	46.140	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	188480	44.583	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	215758	47.737	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	40131	45.720	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	137225	48.100	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	108006	42.563	ug/L	99
71) Naphthalene	14.086	128	382509	36.739	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	127437	43.455	ug/L	99

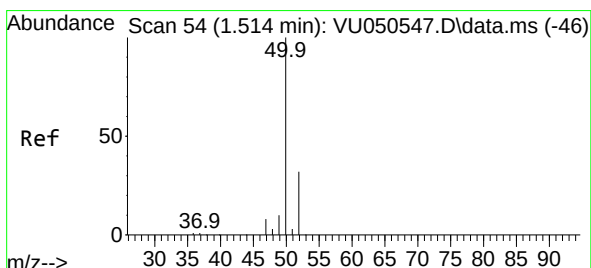
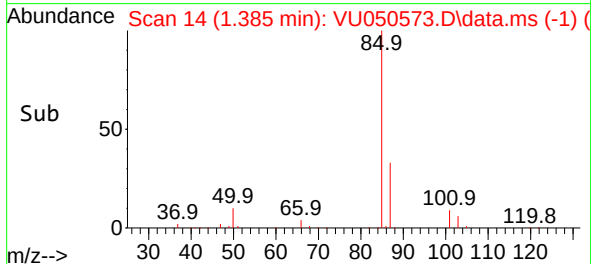
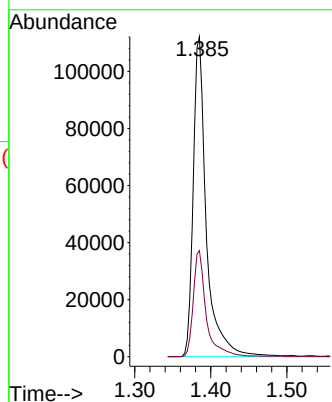
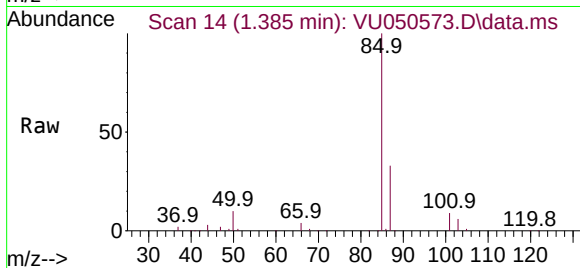
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 56.006 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

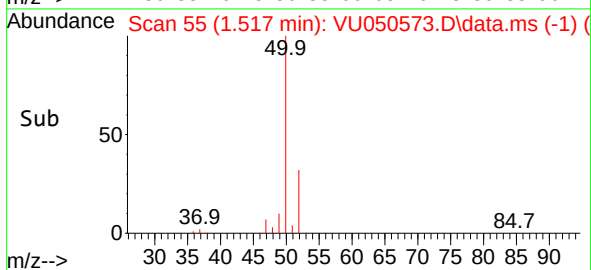
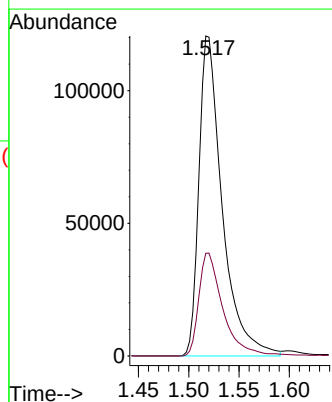
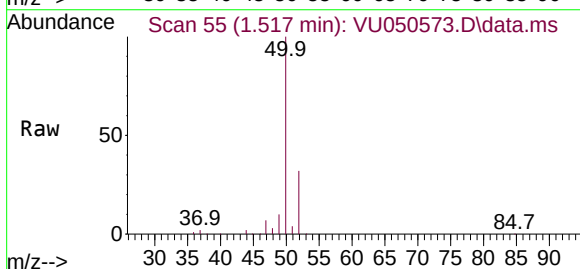
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

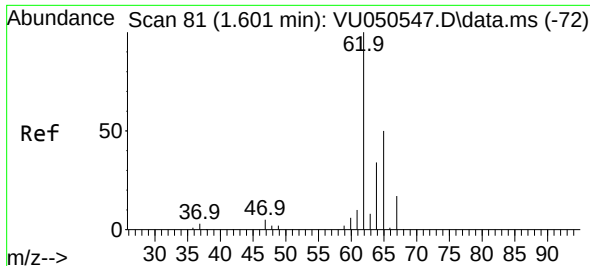
Tgt Ion: 85 Resp: 134597
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3



#3
Chloromethane
Concen: 48.774 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 50 Resp: 194195
Ion Ratio Lower Upper
50 100
52 32.1 23.6 43.8

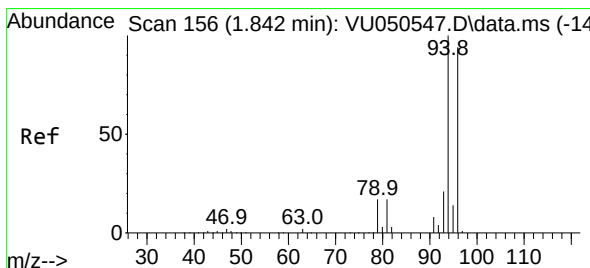
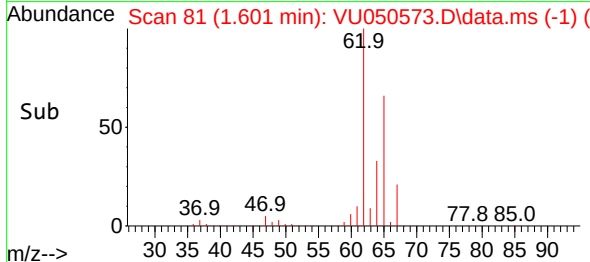
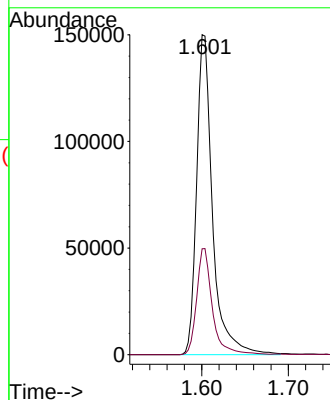
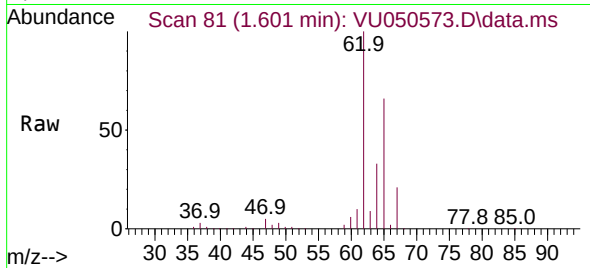




#5
 Vinyl chloride
 Concen: 52.080 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

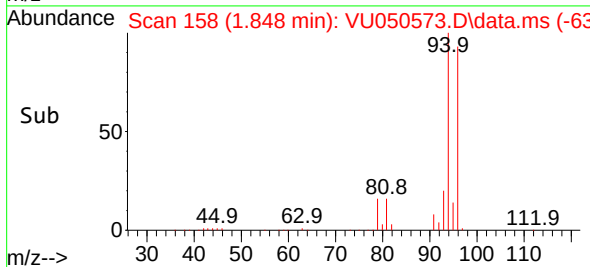
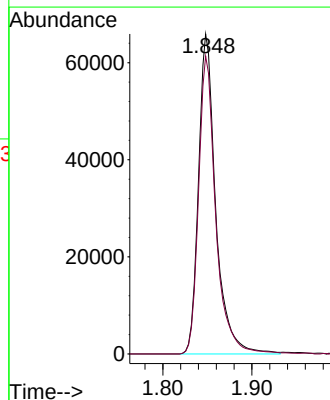
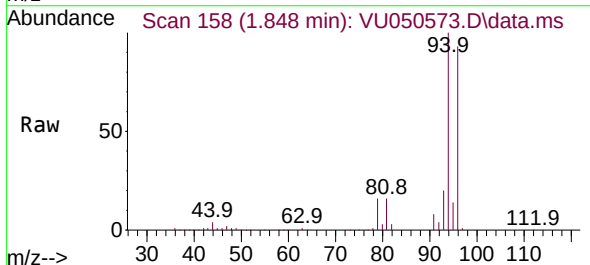
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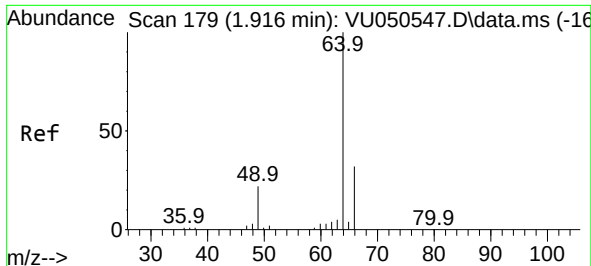
Tgt Ion: 62 Resp: 191466
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 52.873 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

Tgt Ion: 94 Resp: 89030
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.9 122.3

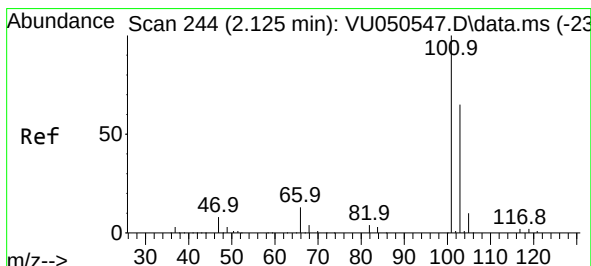
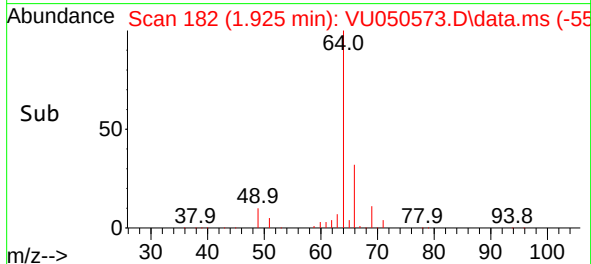
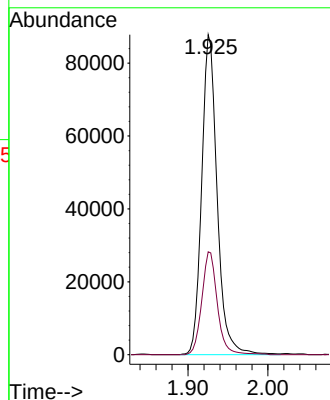
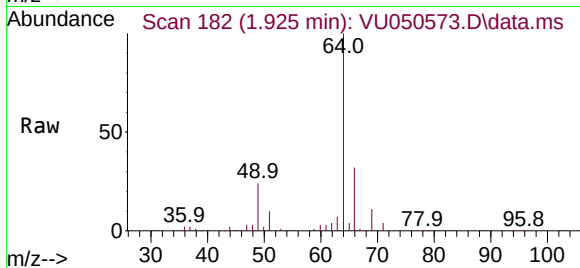




#8
Chloroethane
Concen: 51.121 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

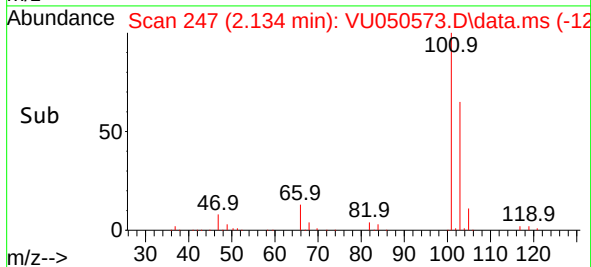
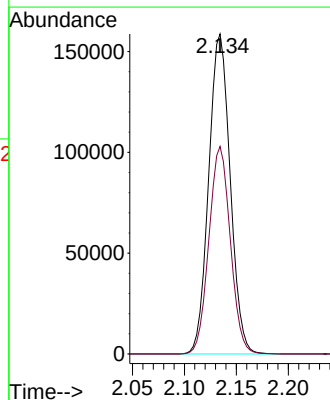
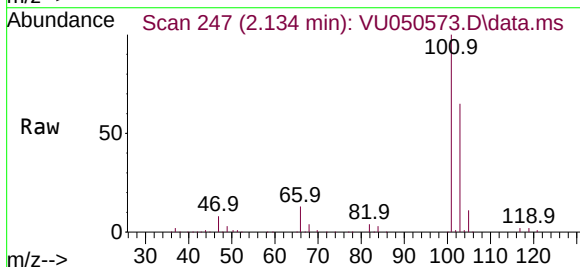
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VSTD050185

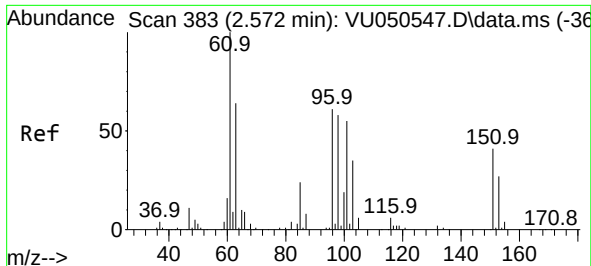
Tgt Ion: 64 Resp: 118279
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 53.914 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.009 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion:101 Resp: 227995
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0





#10

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

Concen: 55.181 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.006 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

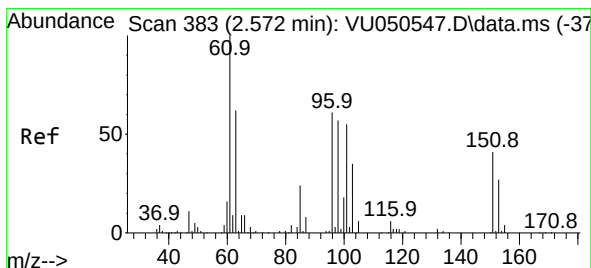
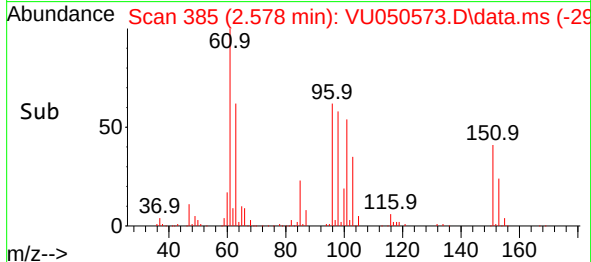
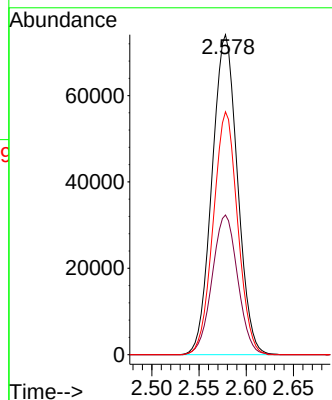
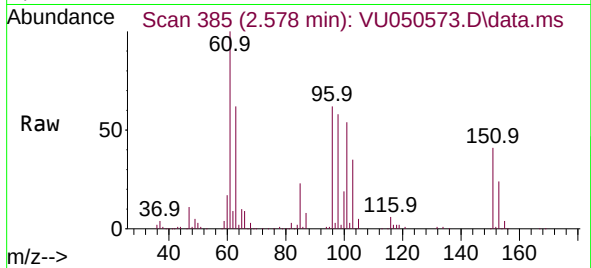
Tgt Ion:101 Resp: 138908

Ion Ratio Lower Upper

101 100

85 43.8 34.6 52.0

151 72.8 58.2 87.2



#12

1,1-Dichloroethene

Concen: 51.899 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.006 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

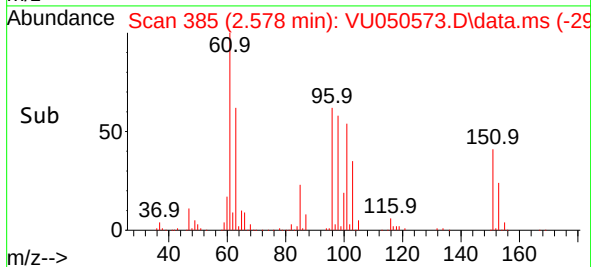
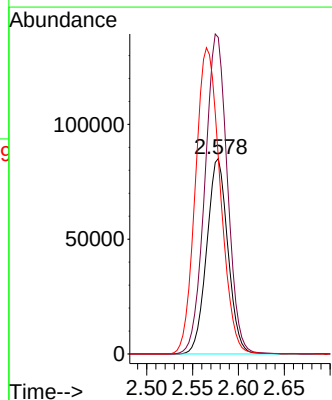
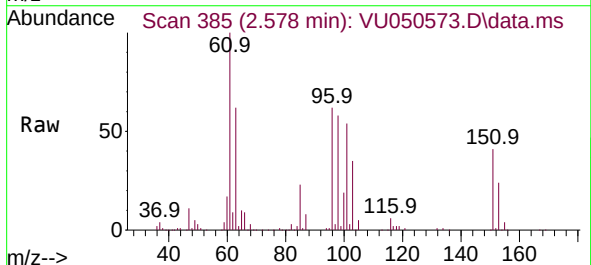
Tgt Ion: 96 Resp: 136521

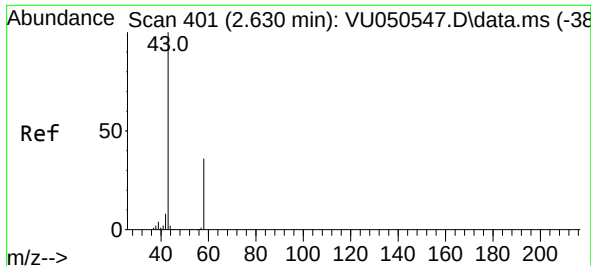
Ion Ratio Lower Upper

96 100

61 162.0 113.5 210.9

63 100.8 78.0 144.9





#13

Acetone

Concen: 87.386 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

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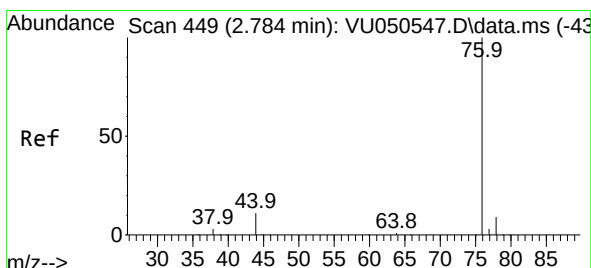
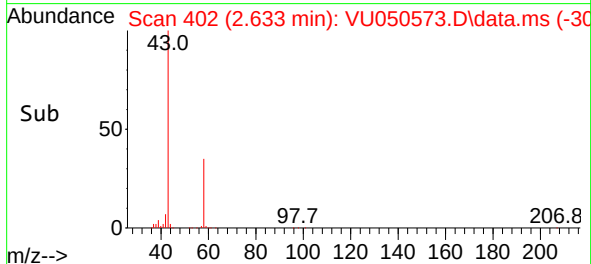
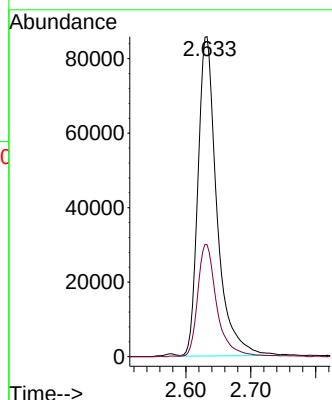
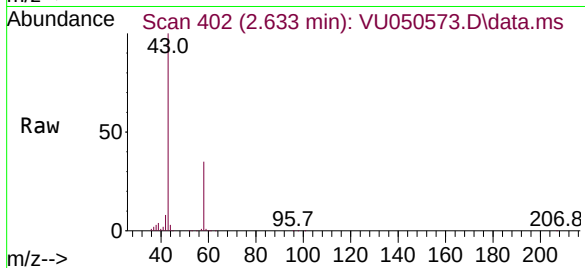
VSTD050185

Tgt Ion: 43 Resp: 173820

Ion Ratio Lower Upper

43 100

58 34.9 0.0 71.6



#14

Carbon disulfide

Concen: 46.609 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.006 min

Lab File: VU050573.D

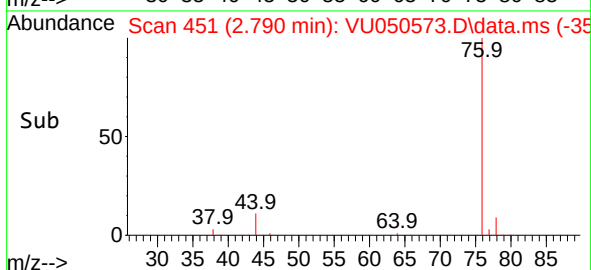
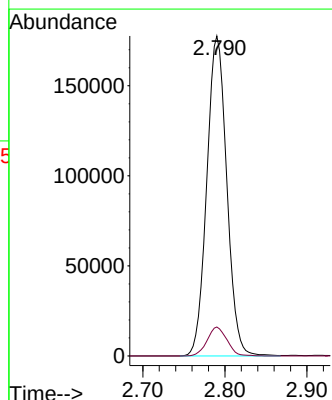
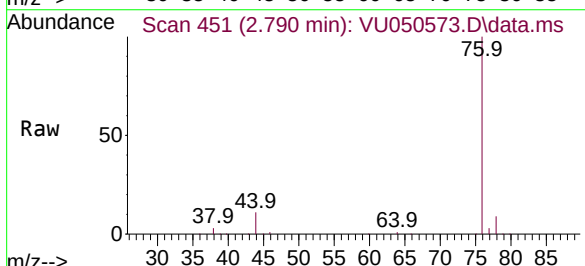
Acq: 01 Sep 2022 00:49

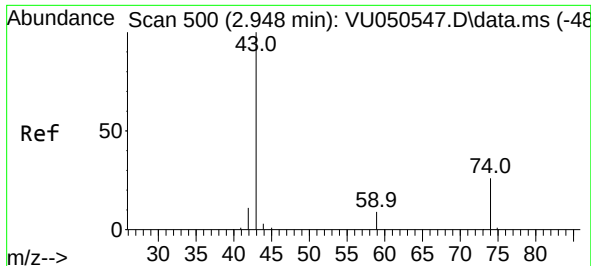
Tgt Ion: 76 Resp: 301278

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

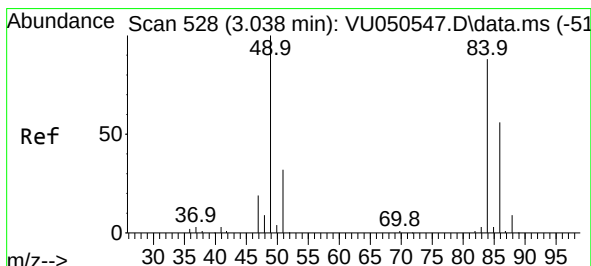
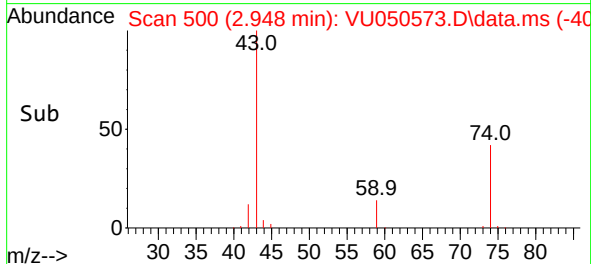
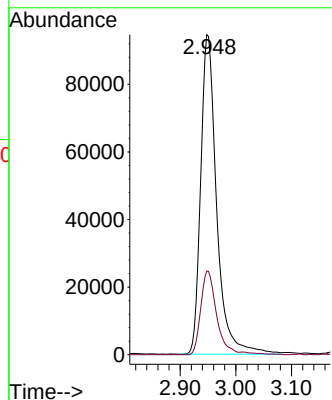
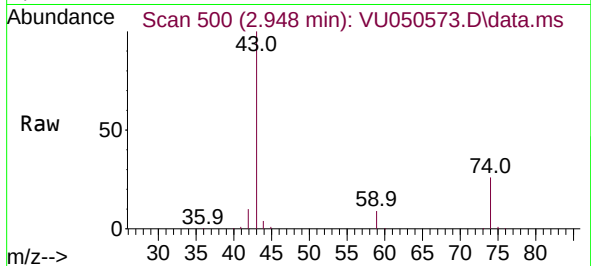




#15
Methyl Acetate
Concen: 46.141 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

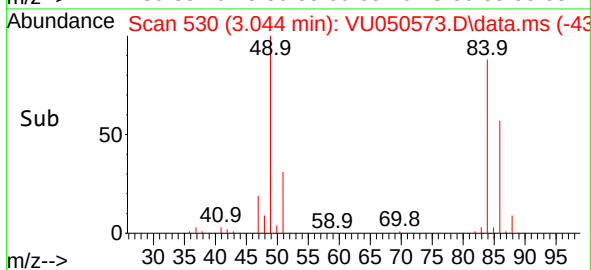
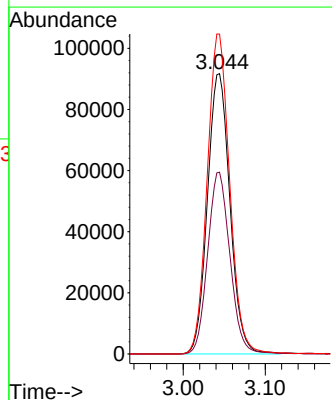
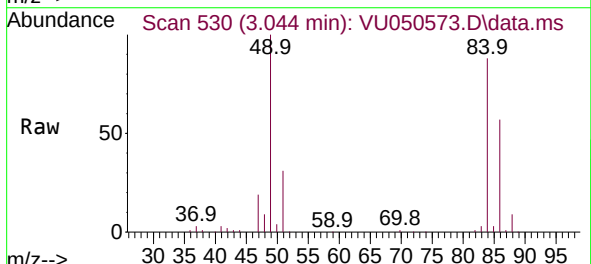
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

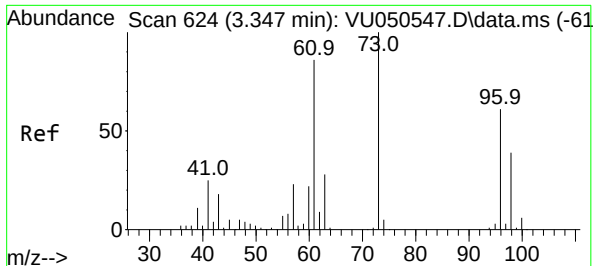
Tgt Ion: 43 Resp: 188359
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.6



#16
Methylene chloride
Concen: 40.919 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 84 Resp: 174990
Ion Ratio Lower Upper
84 100
86 64.8 44.3 82.3
49 114.1 78.8 146.3





#17

trans-1,2-Dichloroethene

Concen: 50.073 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

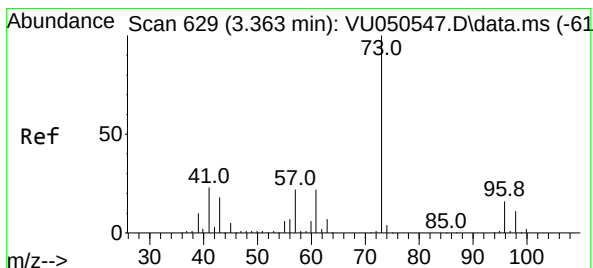
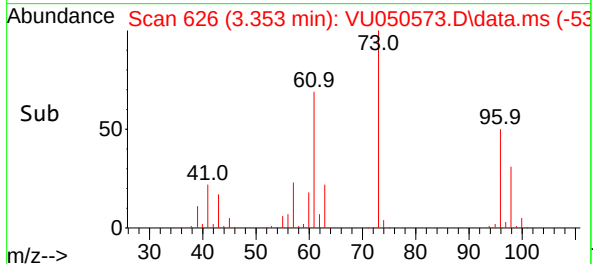
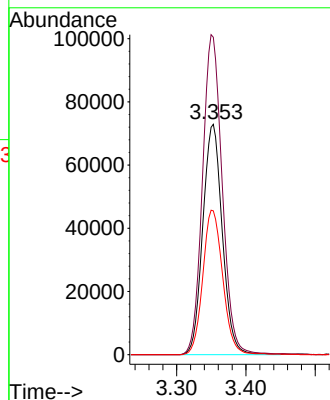
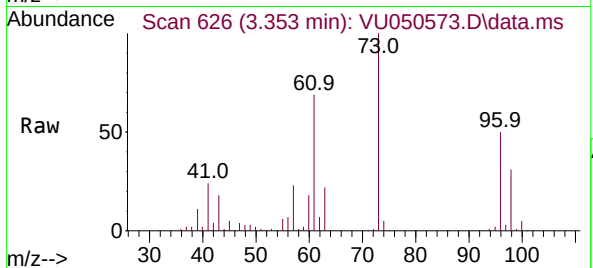
Tgt Ion: 96 Resp: 142657

Ion Ratio Lower Upper

96 100

61 137.8 99.7 185.1

98 62.4 46.2 85.8



#18

Methyl tert-butyl Ether

Concen: 45.921 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

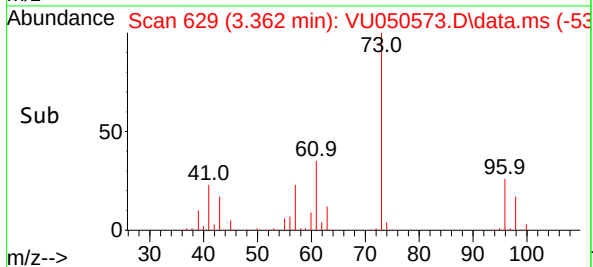
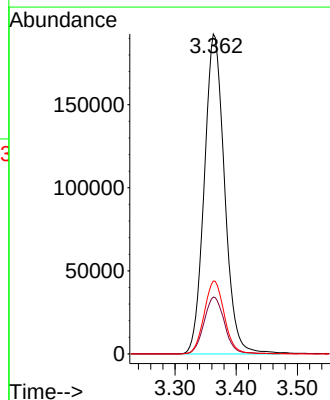
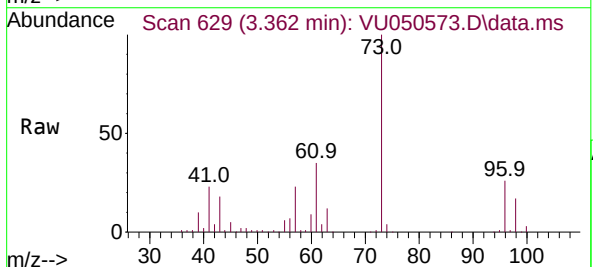
Tgt Ion: 73 Resp: 443437

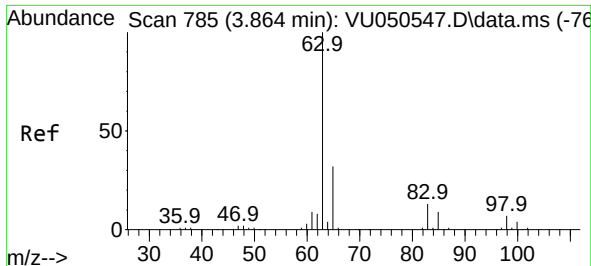
Ion Ratio Lower Upper

73 100

43 17.9 13.9 20.9

57 22.7 17.8 26.6





#19

1,1-Dichloroethane

Concen: 49.531 ug/L

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

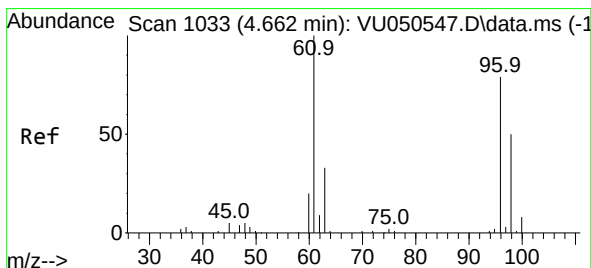
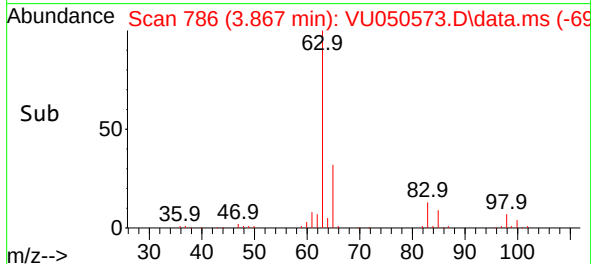
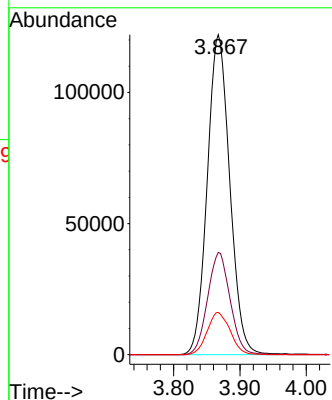
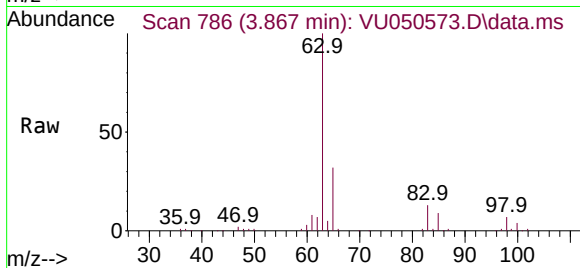
Tgt Ion: 63 Resp: 287471

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 47.694 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

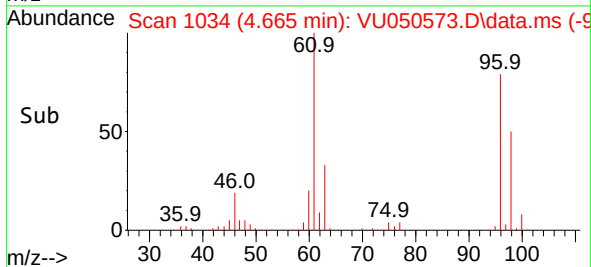
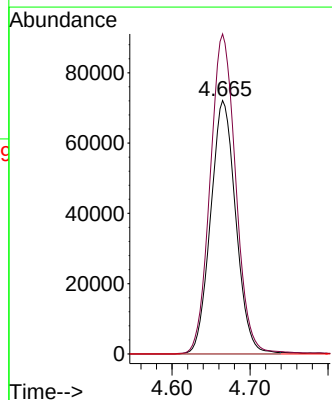
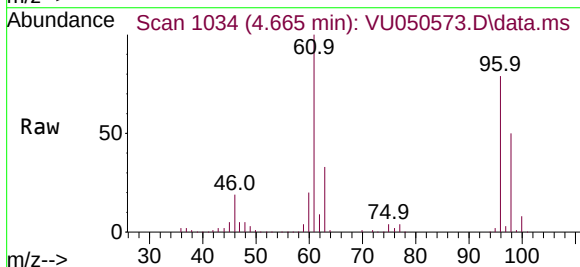
Tgt Ion: 96 Resp: 161727

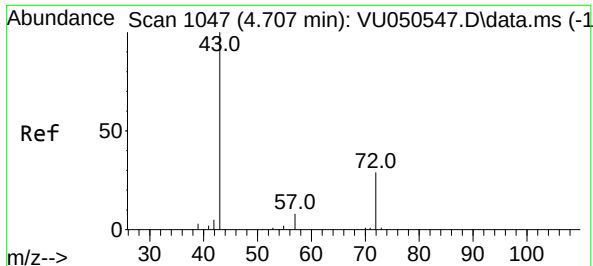
Ion Ratio Lower Upper

96 100

61 126.2 86.8 161.2

68 0.0 0.0 0.0

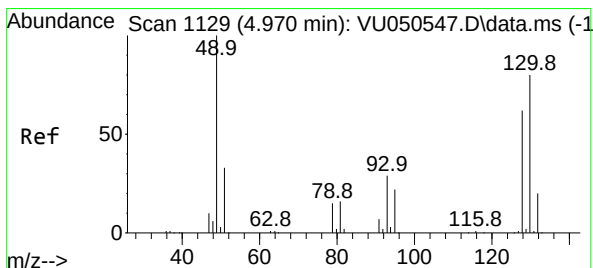
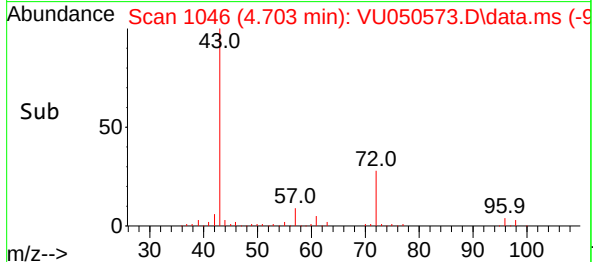
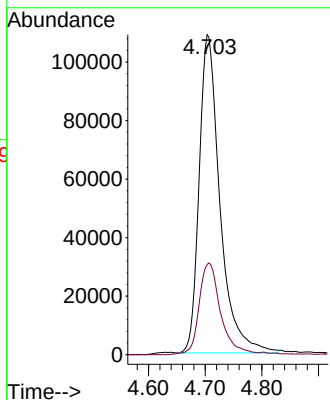
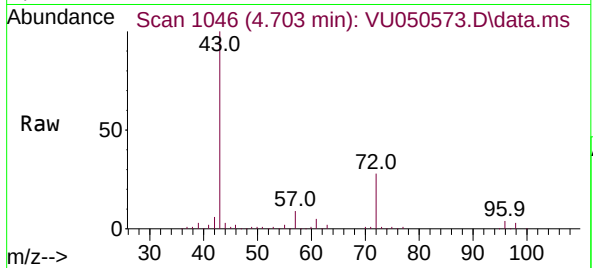




#22
2-Butanone
Concen: 90.358 ug/L
RT: 4.703 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

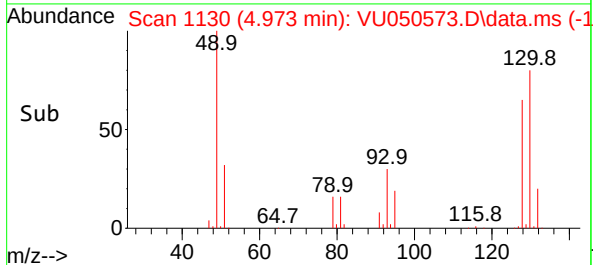
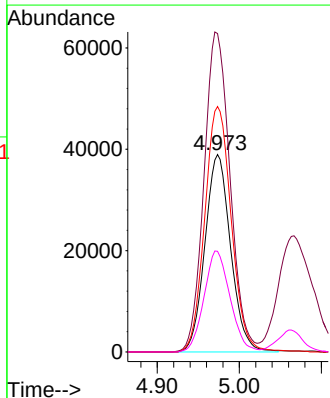
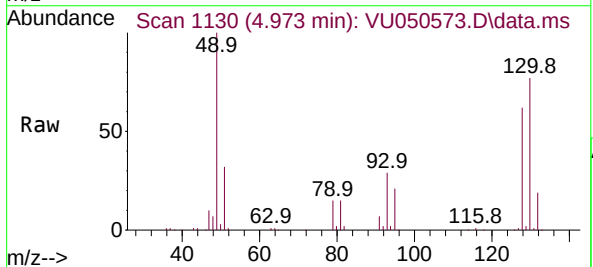
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

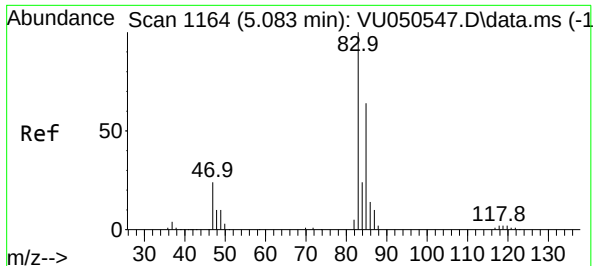
Tgt Ion: 43 Resp: 278003
Ion Ratio Lower Upper
43 100
72 29.6 14.8 44.3



#23
Bromochloromethane
Concen: 46.730 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 128 Resp: 84815
Ion Ratio Lower Upper
128 100
49 161.2 111.9 207.7
130 124.2 87.8 163.0
51 51.0 41.0 61.4





#25

Chloroform

Concen: 48.867 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

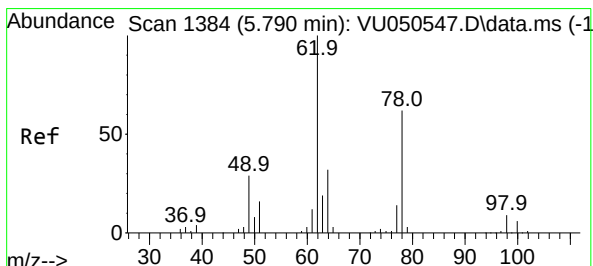
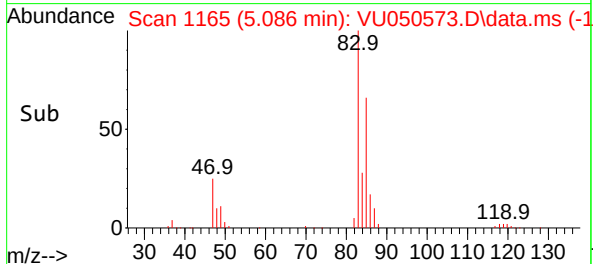
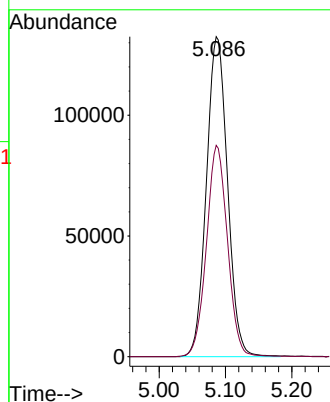
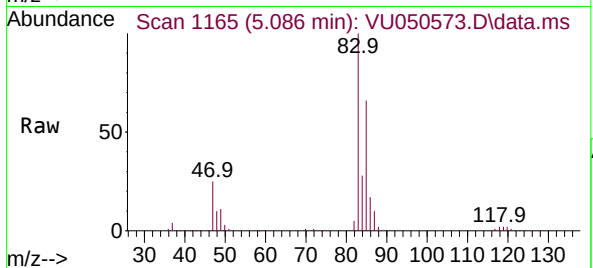
VSTD050185

Tgt Ion: 83 Resp: 292801

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 46.410 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU050573.D

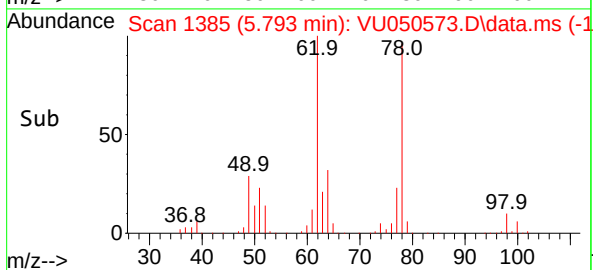
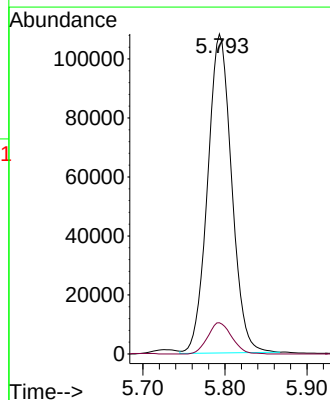
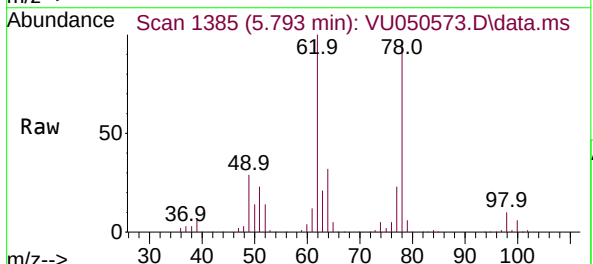
Acq: 01 Sep 2022 00:49

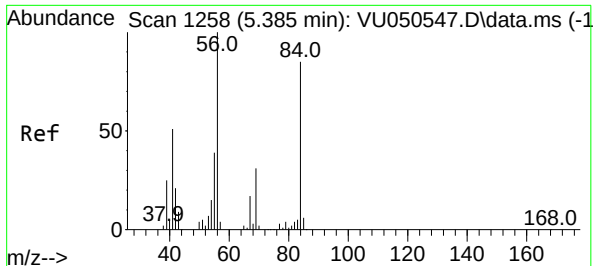
Tgt Ion: 62 Resp: 220583

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3





#29

Cyclohexane

Concen: 60.936 ug/L

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

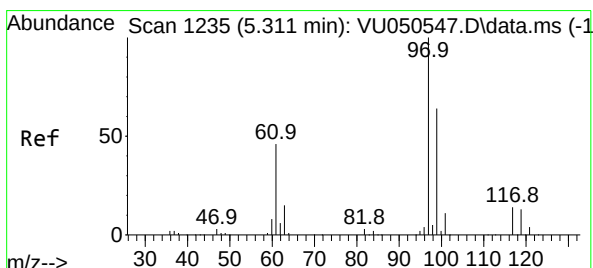
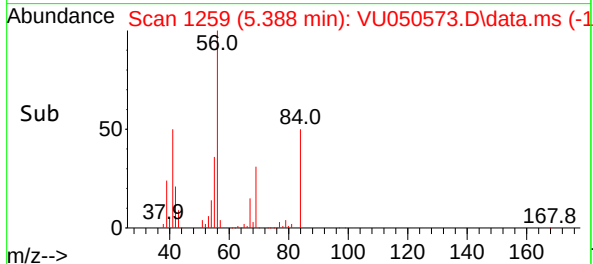
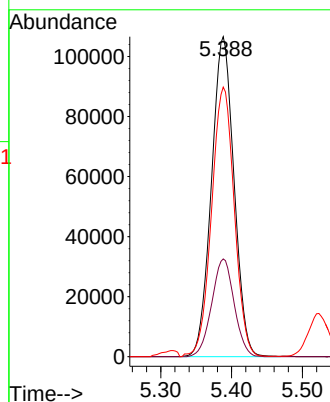
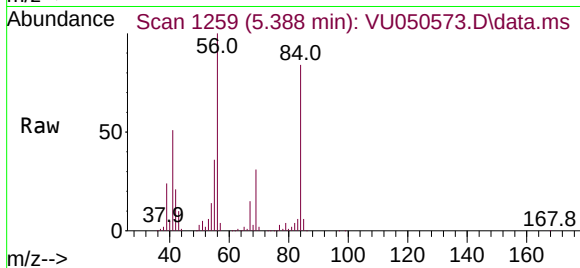
Tgt Ion: 56 Resp: 235795

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 84.7 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 54.714 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

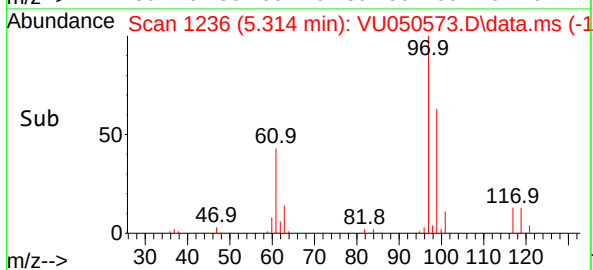
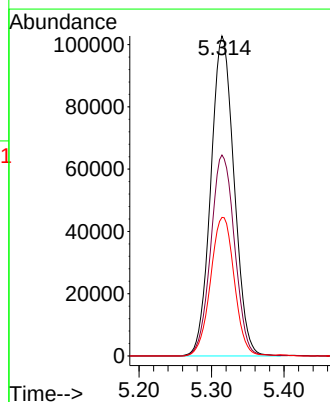
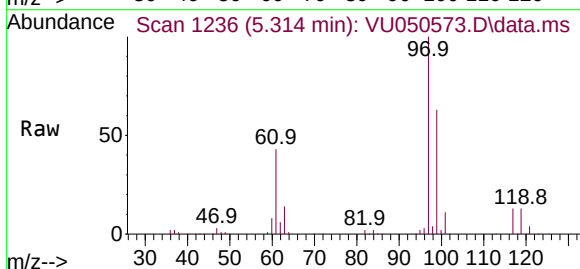
Tgt Ion: 97 Resp: 229537

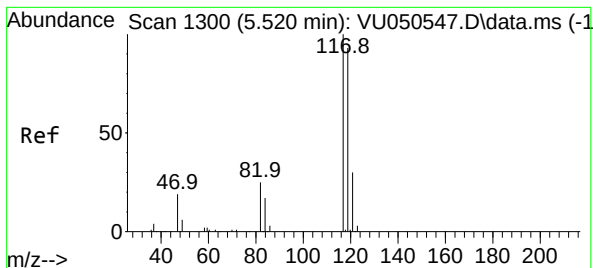
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 44.2 36.4 54.6





#31

Carbon tetrachloride

Concen: 55.522 ug/L

RT: 5.523 min Scan# 117

Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

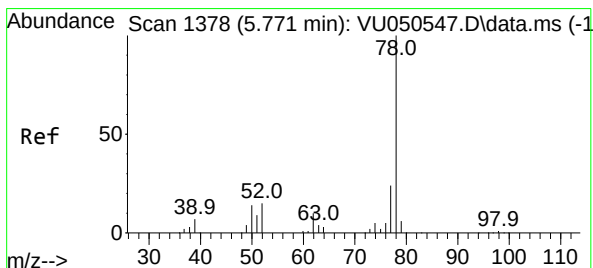
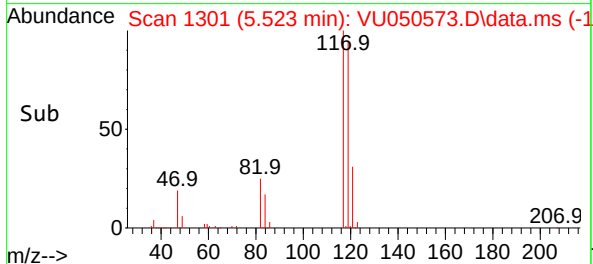
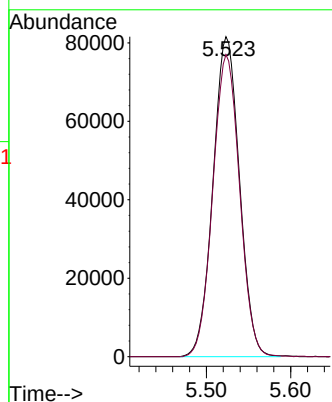
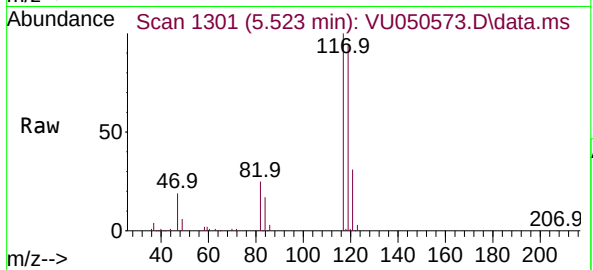
VSTD050185

Tgt Ion:117 Resp: 177843

Ion Ratio Lower Upper

117 100

119 95.5 78.8 118.2



#33

Benzene

Concen: 53.270 ug/L

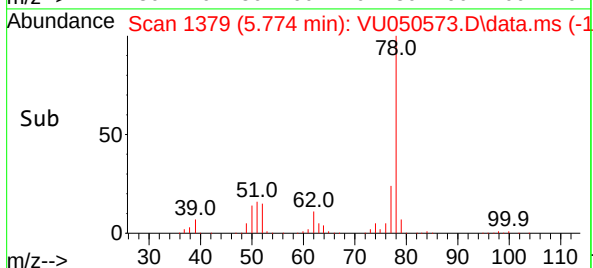
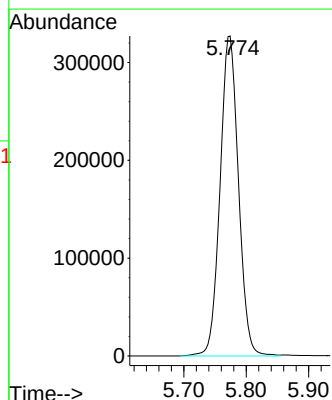
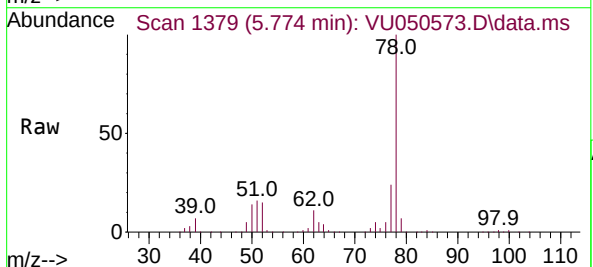
RT: 5.774 min Scan# 1379

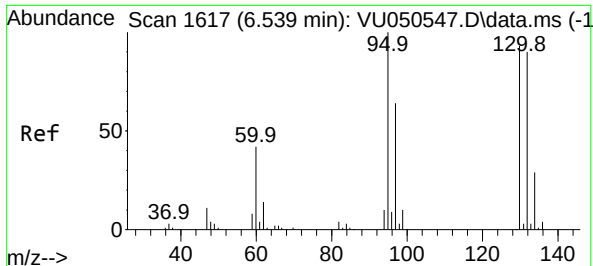
Delta R.T. 0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Tgt Ion: 78 Resp: 670073

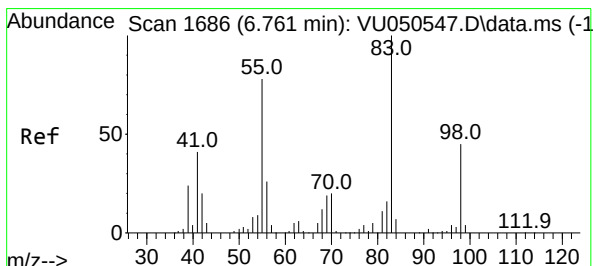
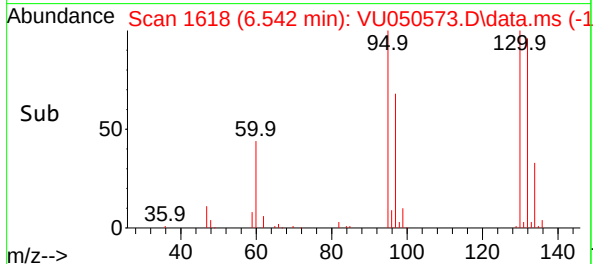
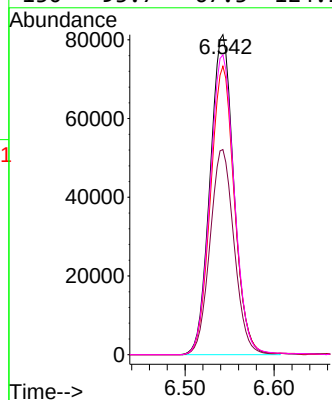
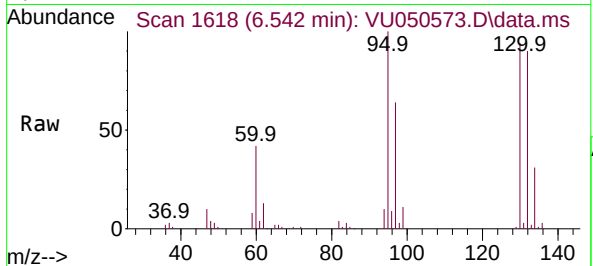




#34
Trichloroethene
Concen: 52.299 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

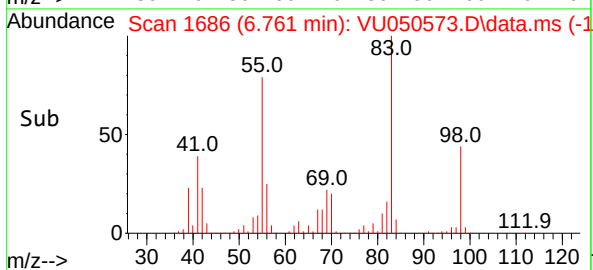
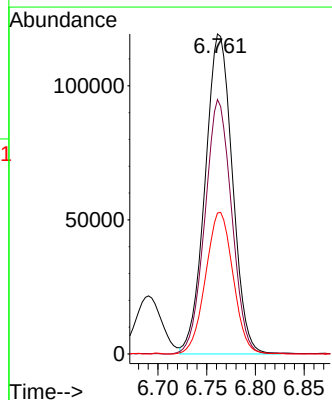
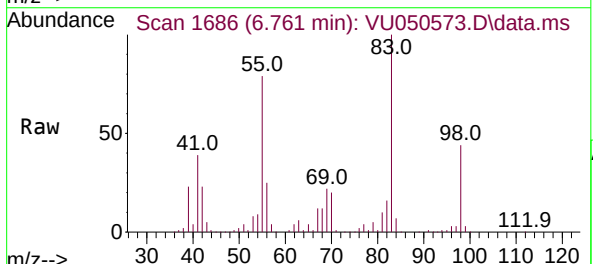
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

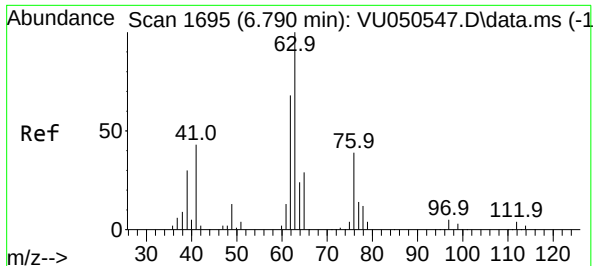
Tgt Ion: 95 Resp: 150958
Ion Ratio Lower Upper
95 100
97 64.1 44.2 82.2
132 90.1 63.2 117.4
130 93.7 67.3 124.9



#35
Methylcyclohexane
Concen: 60.045 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 83 Resp: 233033
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.4
98 44.5 35.7 53.5





#37

1,2-Dichloropropane

Concen: 51.115 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

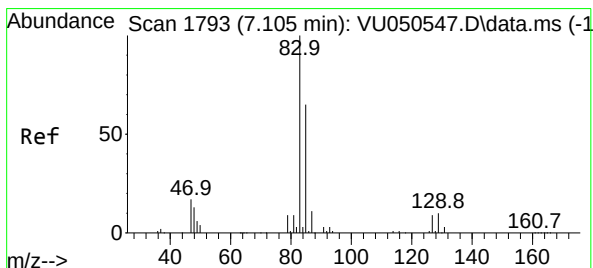
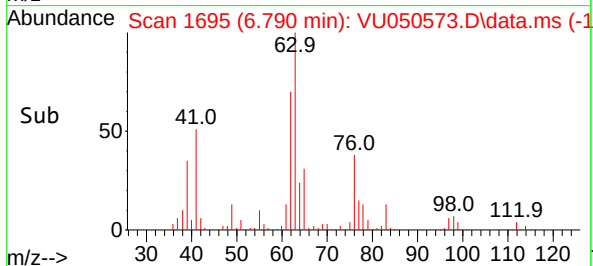
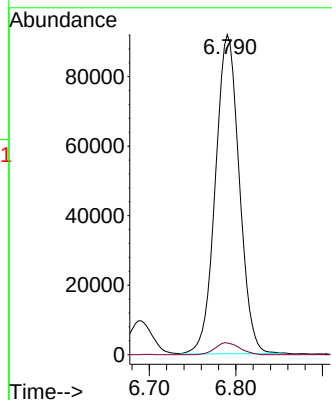
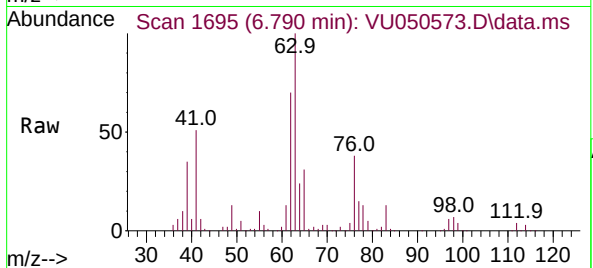
VSTD050185

Tgt Ion: 63 Resp: 176038

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 49.783 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

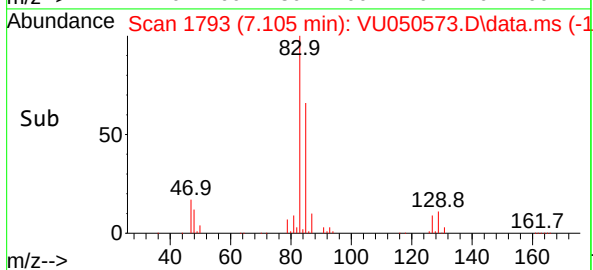
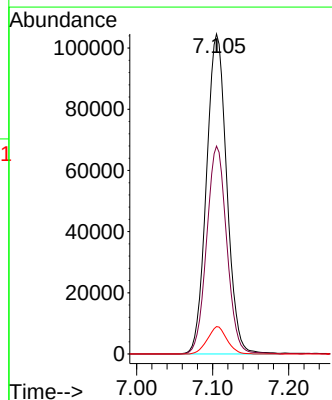
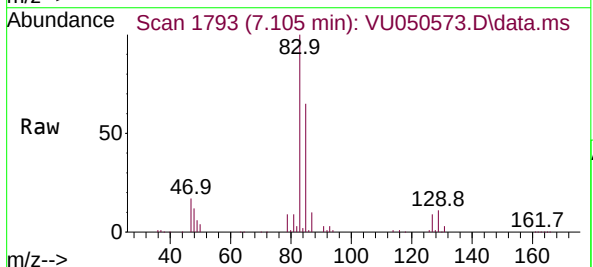
Tgt Ion: 83 Resp: 193985

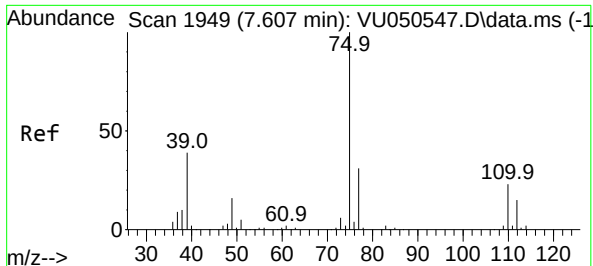
Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 45.947 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

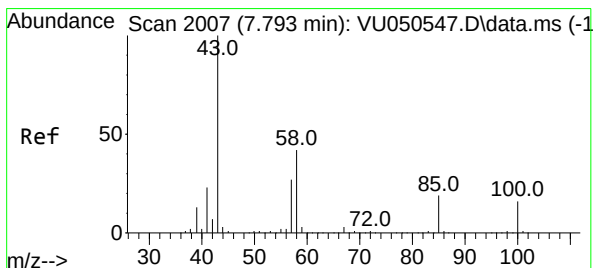
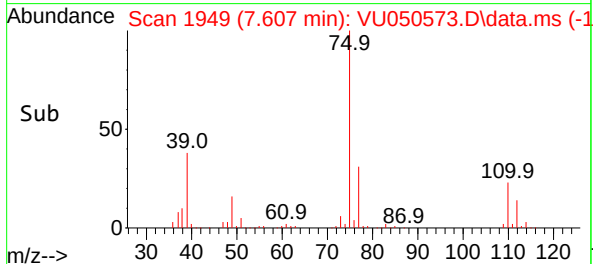
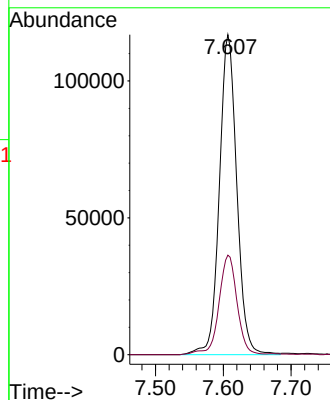
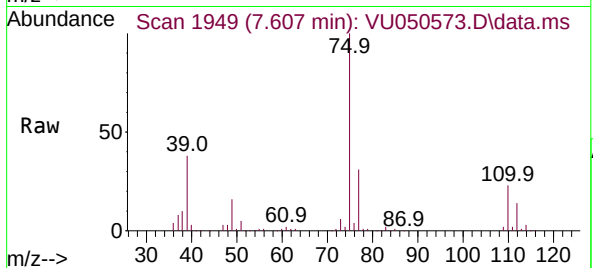
VSTD050185

Tgt Ion: 75 Resp: 208490

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 99.516 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

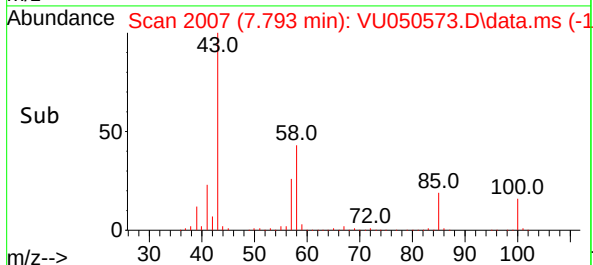
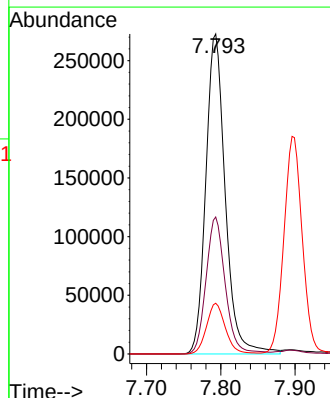
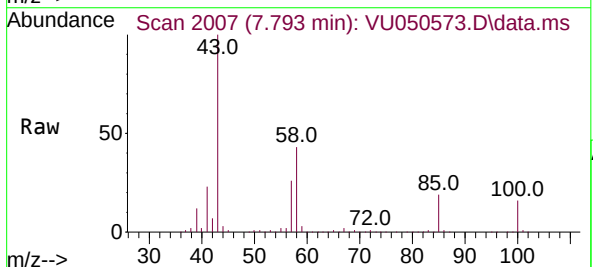
Tgt Ion: 43 Resp: 496103

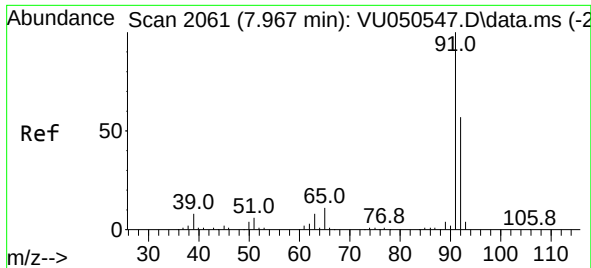
Ion Ratio Lower Upper

43 100

58 42.3 34.2 51.4

100 15.4 12.9 19.3





#42

Toluene

Concen: 54.680 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

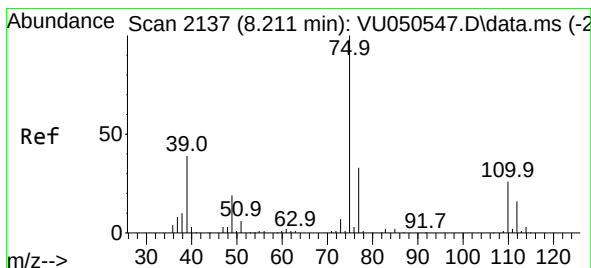
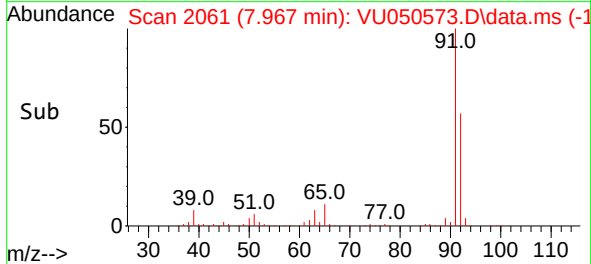
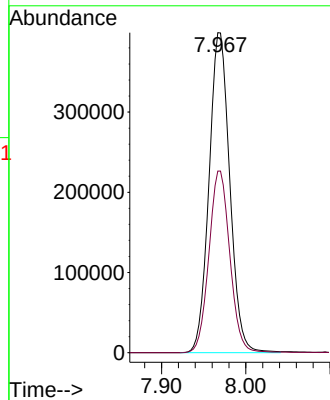
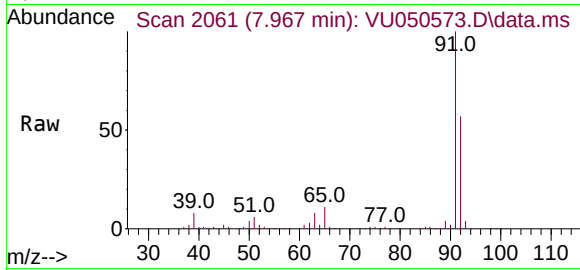
VSTD050185

Tgt Ion: 91 Resp: 682382

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 46.434 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050573.D

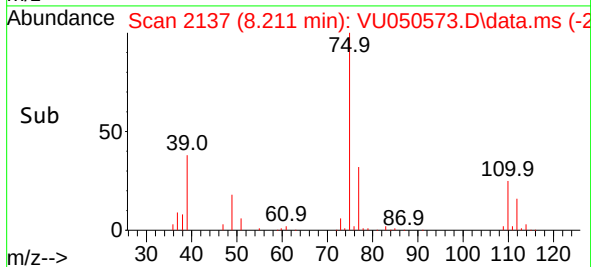
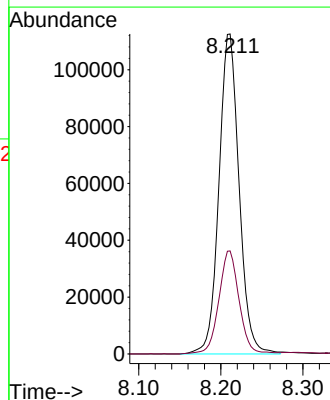
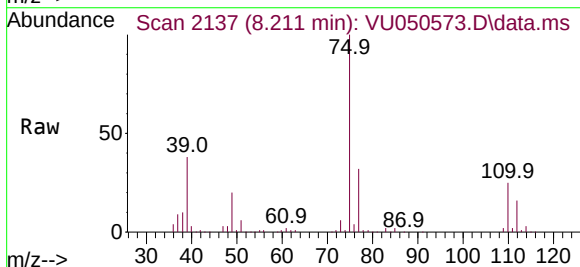
Acq: 01 Sep 2022 00:49

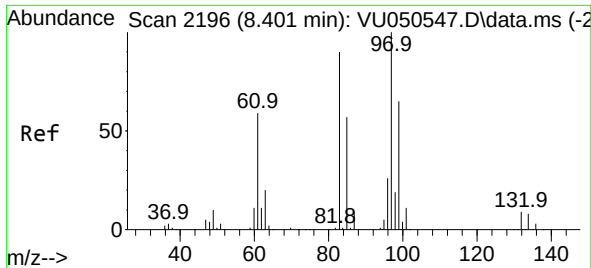
Tgt Ion: 75 Resp: 191946

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



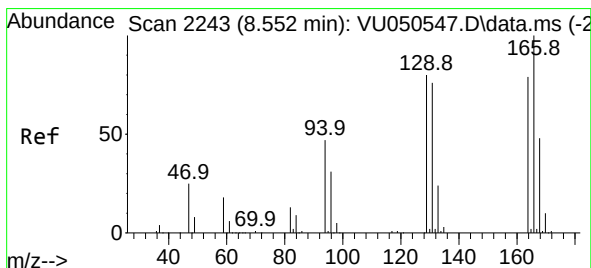
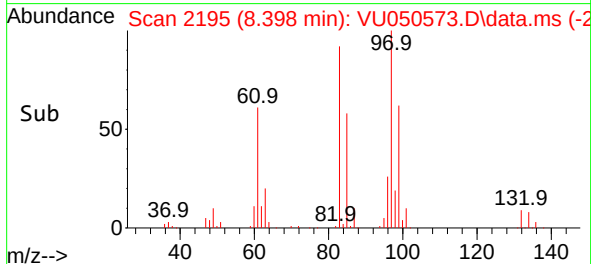
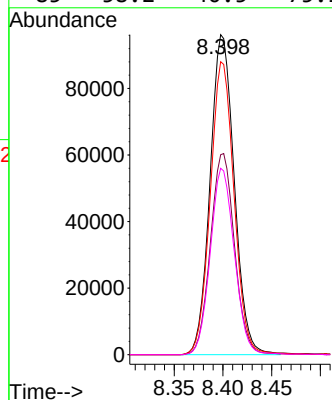
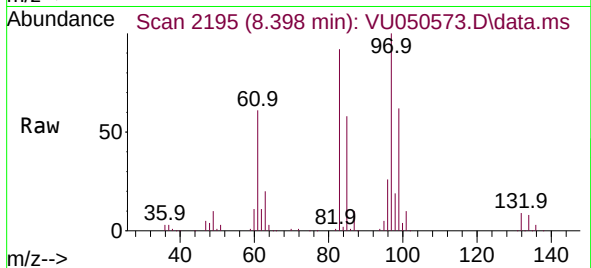


#45
1,1,2-Trichloroethane
Concen: 49.652 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

Tgt Ion: 97 Resp: 165977

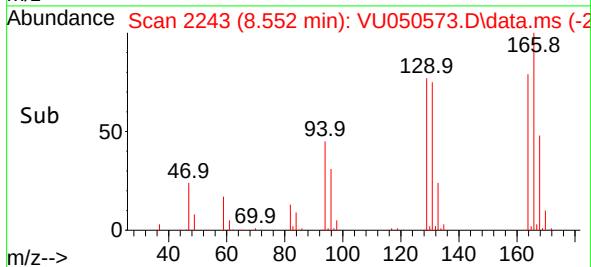
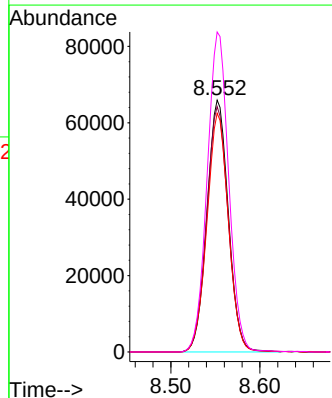
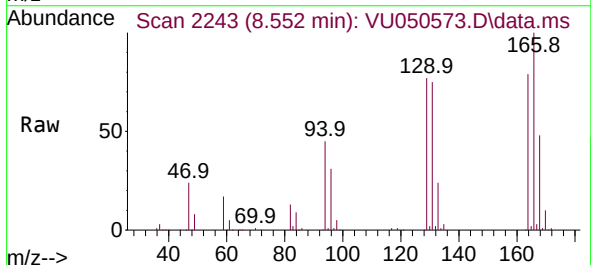
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.3	82.3
83	91.5	62.1	115.3
85	58.2	40.5	75.1

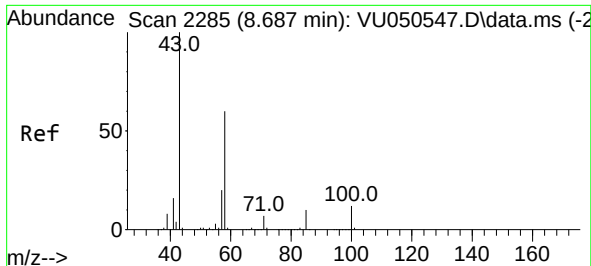


#46
Tetrachloroethene
Concen: 54.595 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 164 Resp: 110237

Ion	Ratio	Lower	Upper
164	100		
129	97.4	67.5	125.3
131	94.7	63.8	118.4
166	127.0	87.2	161.9



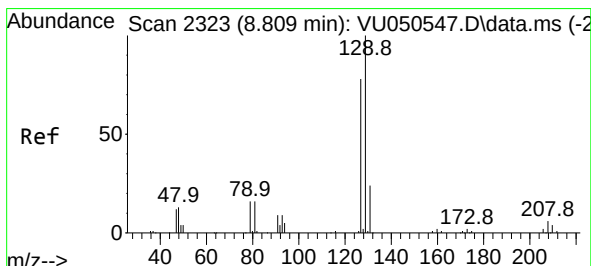
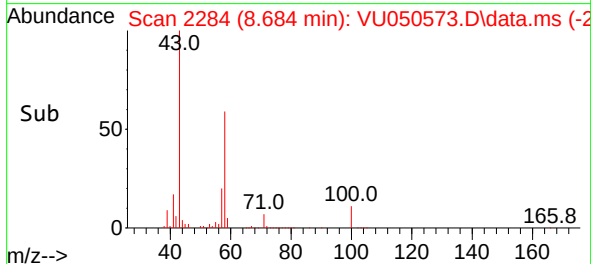
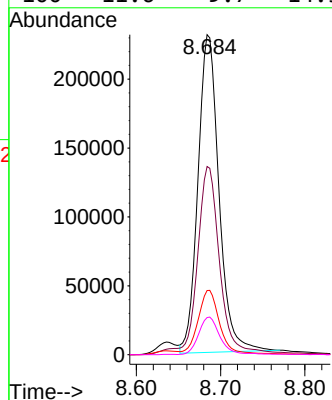
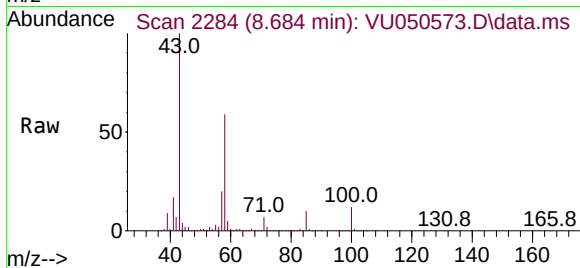


#48
2-Hexanone
Concen: 94.060 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

Tgt Ion: 43 Resp: 400851

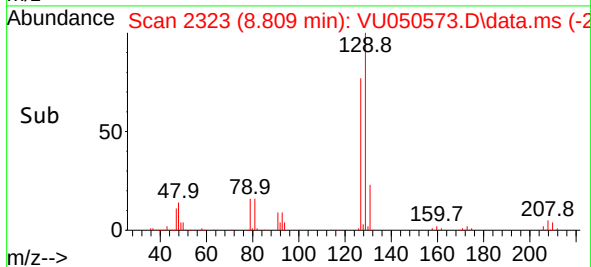
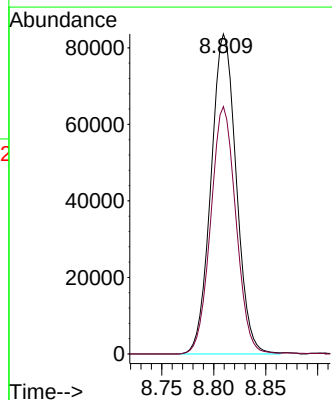
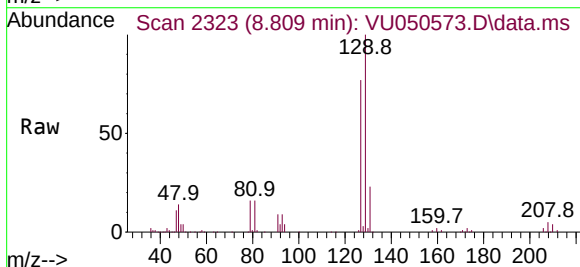
Ion	Ratio	Lower	Upper
43	100		
58	63.7	46.6	69.8
57	21.5	15.8	23.6
100	11.6	9.7	14.5

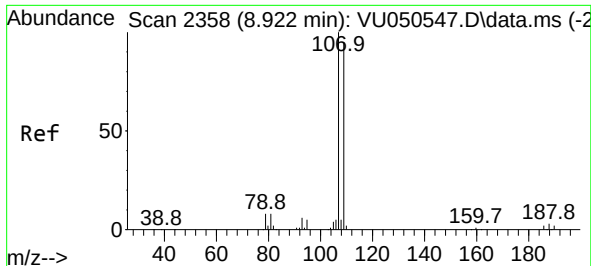


#49
Dibromochloromethane
Concen: 48.717 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 129 Resp: 141392

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	101.9

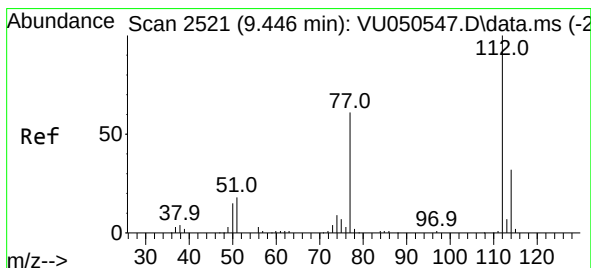
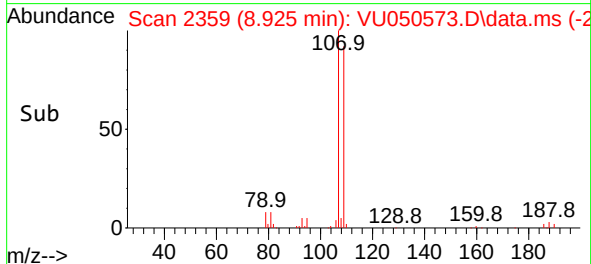
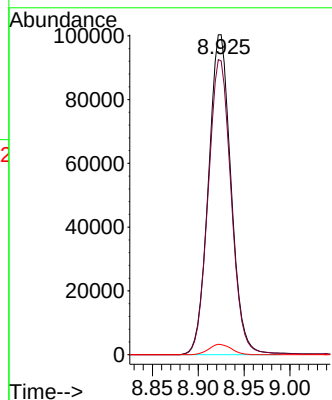
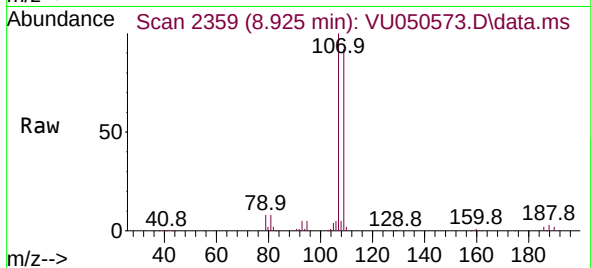




#50
1,2-Dibromoethane
Concen: 49.787 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

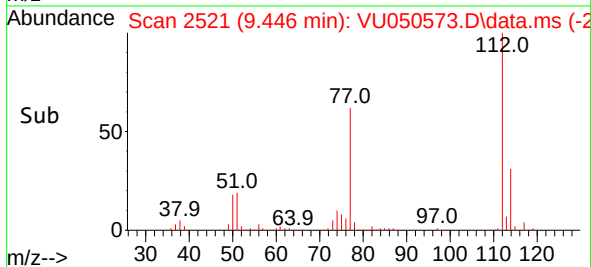
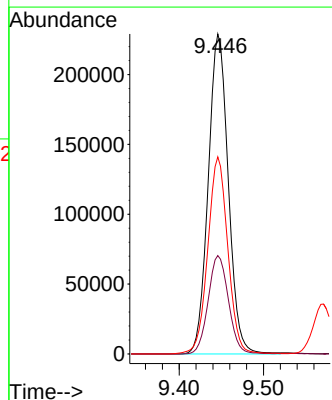
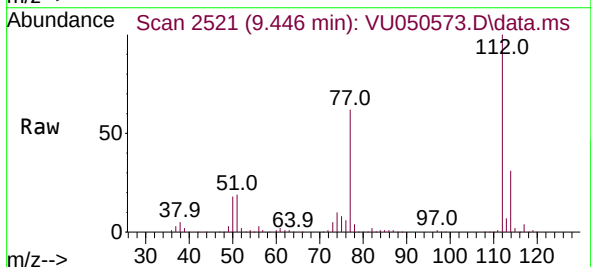
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

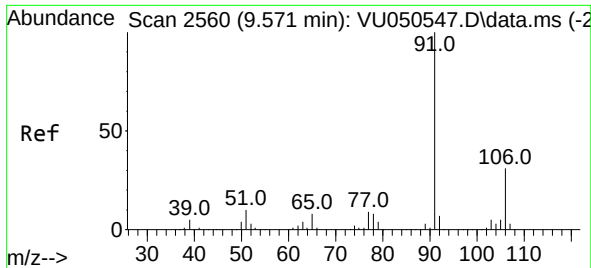
Tgt Ion:107 Resp: 171800
Ion Ratio Lower Upper
107 100
109 91.8 65.2 121.0
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 48.819 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion:112 Resp: 379147
Ion Ratio Lower Upper
112 100
114 30.8 23.0 42.6
77 61.6 49.4 74.2

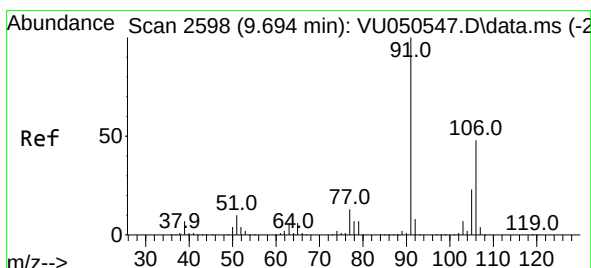
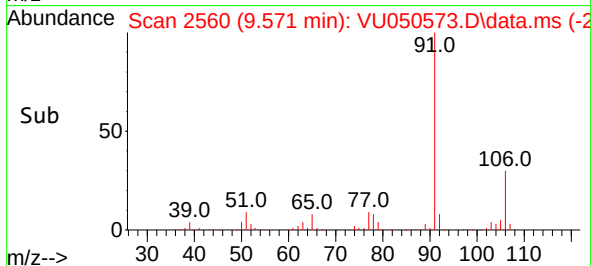
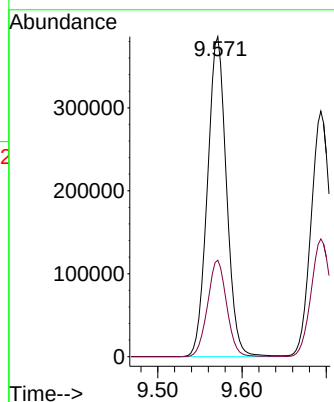
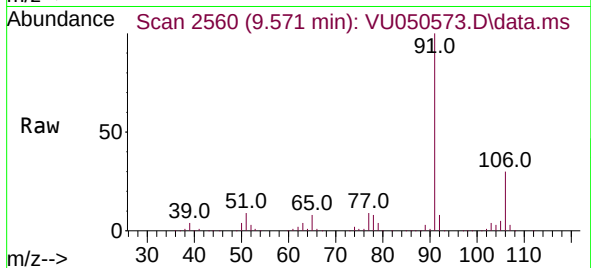




#52
Ethylbenzene
Concen: 50.188 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

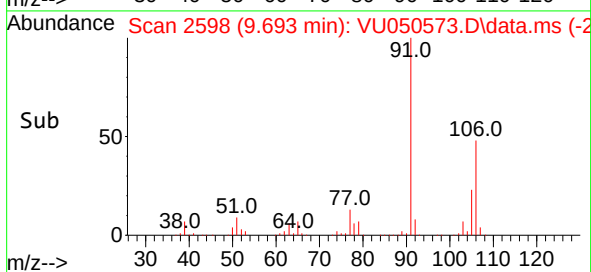
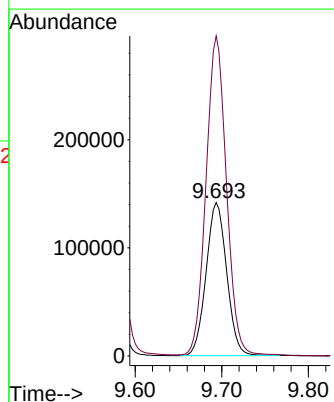
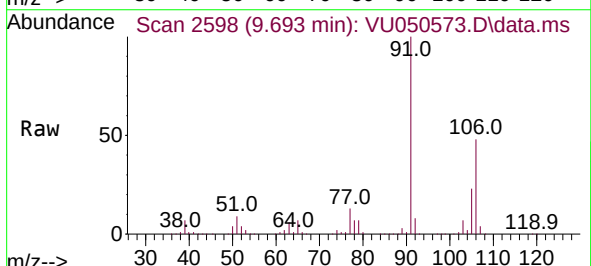
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

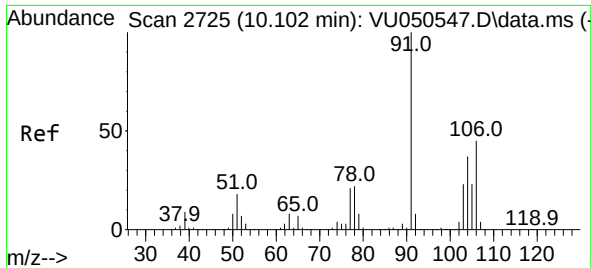
Tgt Ion: 91 Resp: 606232
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 51.430 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 106 Resp: 234052
Ion Ratio Lower Upper
106 100
91 208.6 145.1 269.5

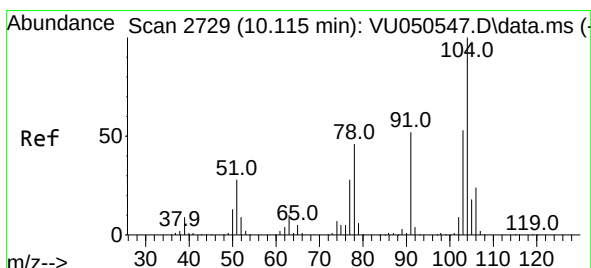
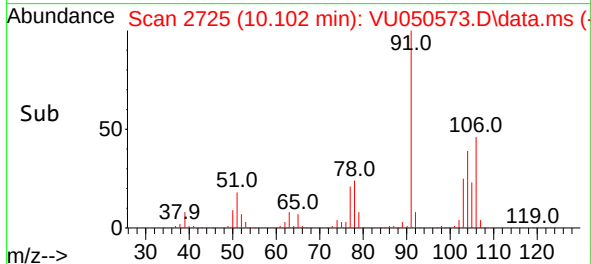
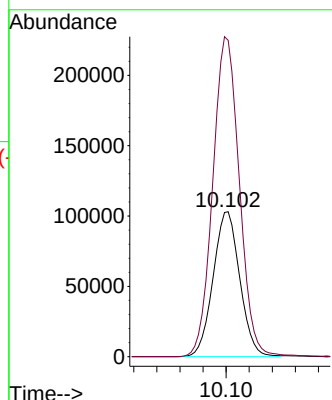
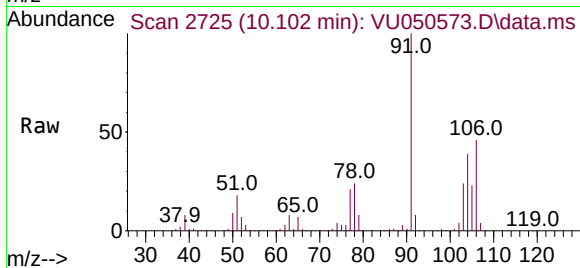




#54
o-Xylene
Concen: 35.664 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

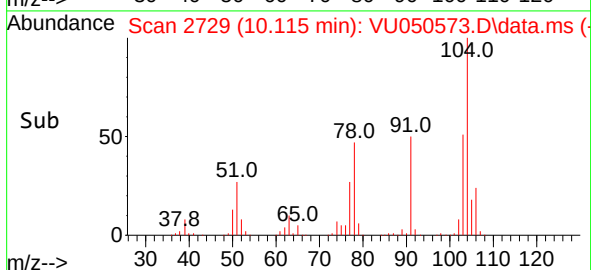
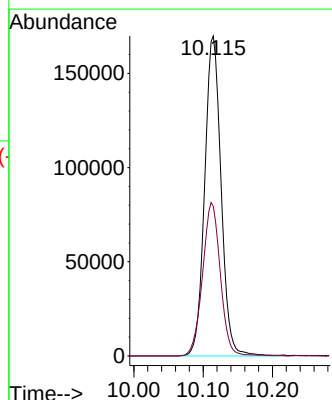
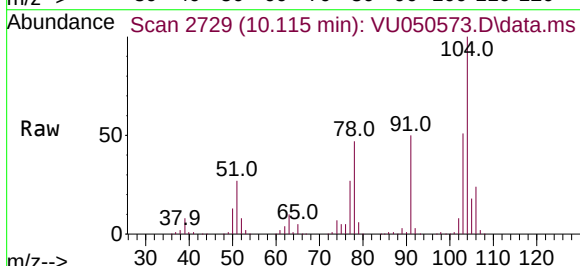
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

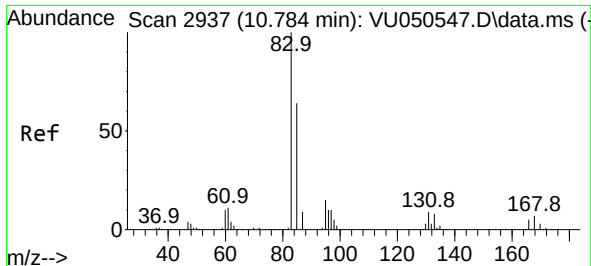
Tgt Ion:106 Resp: 165108
Ion Ratio Lower Upper
106 100
91 218.3 152.0 282.2



#55
Styrene
Concen: 36.311 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion:104 Resp: 278954
Ion Ratio Lower Upper
104 100
78 46.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 31.931 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

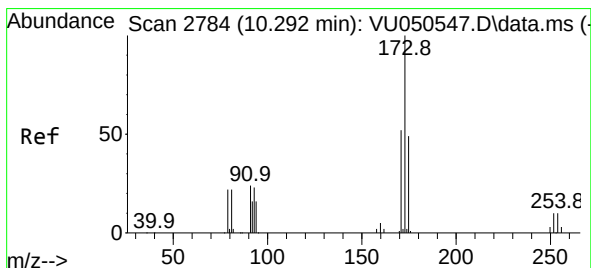
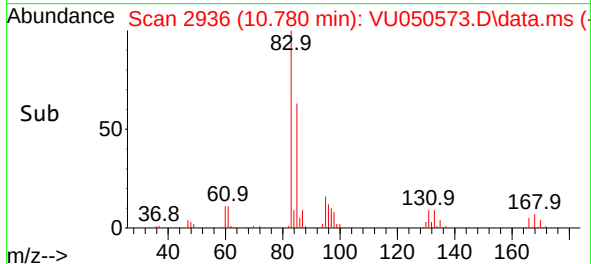
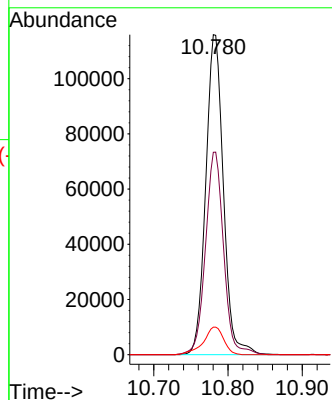
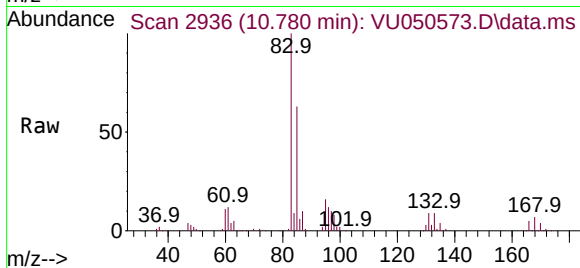
Tgt Ion: 83 Resp: 190445

Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

131 8.6 7.2 10.8



#59

Bromoform

Concen: 40.139 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

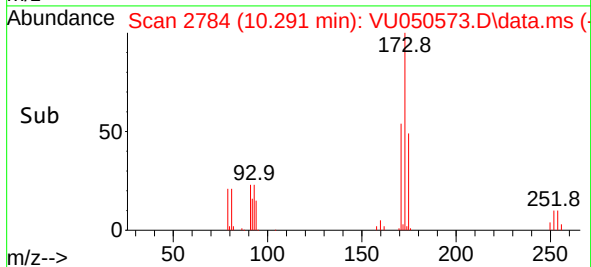
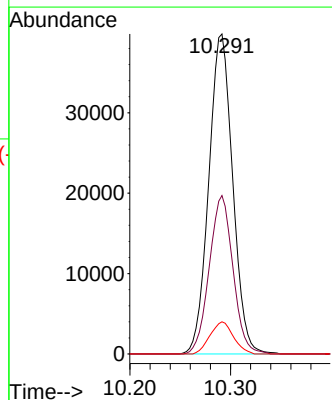
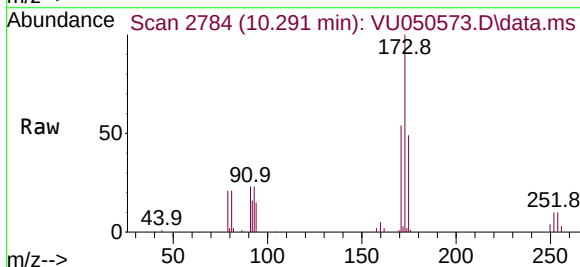
Tgt Ion:173 Resp: 65856

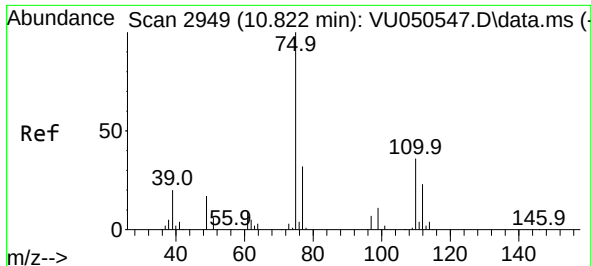
Ion Ratio Lower Upper

173 100

175 48.9 37.8 56.8

254 9.8 7.7 11.5

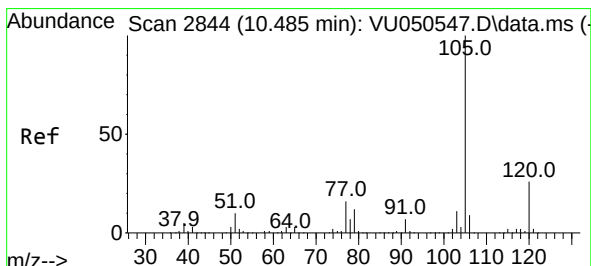
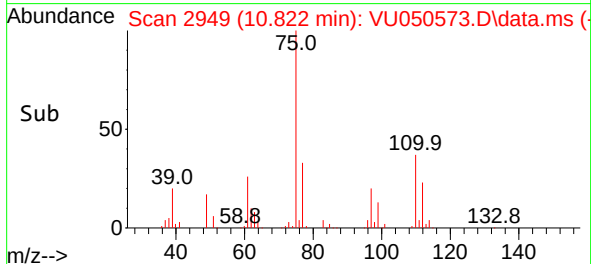
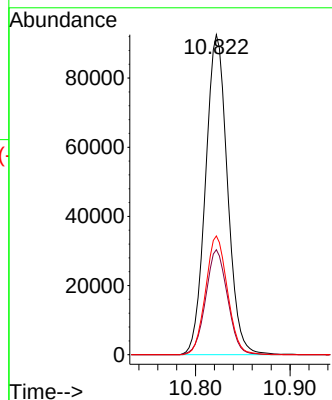
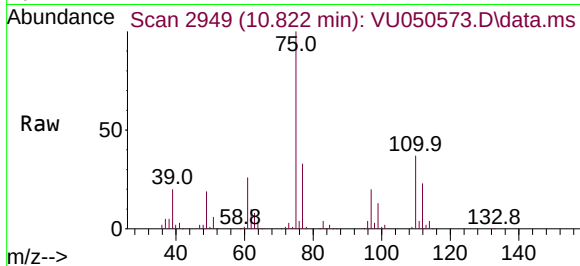




#60
1,2,3-Trichloropropane
Concen: 40.557 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

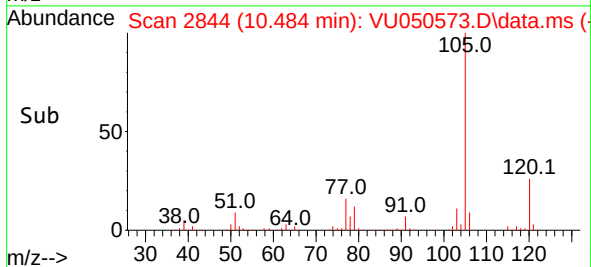
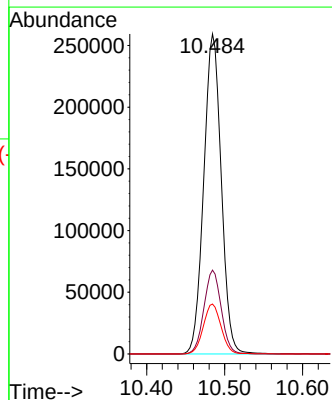
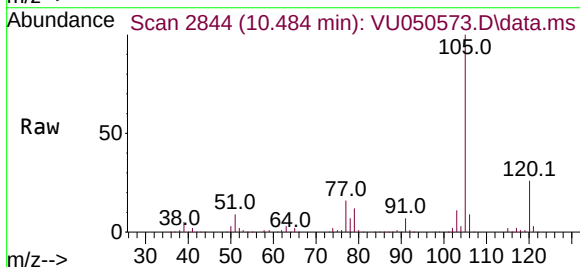
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

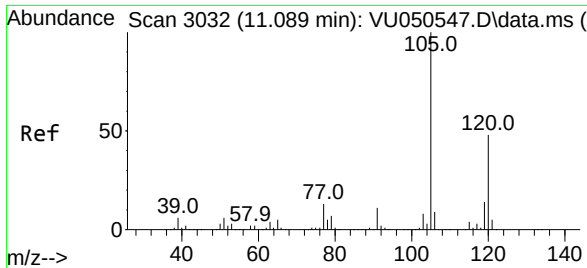
Tgt Ion: 75 Resp: 149183
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 36.8 29.0 43.6



#61
Isopropylbenzene
Concen: 46.296 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion: 105 Resp: 404500
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.8 12.6 19.0

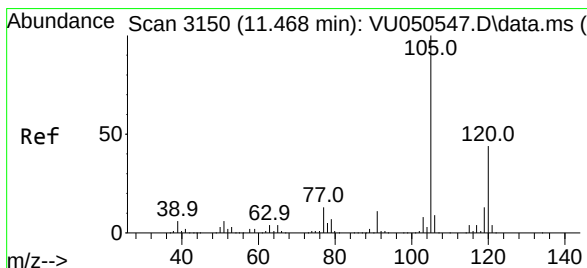
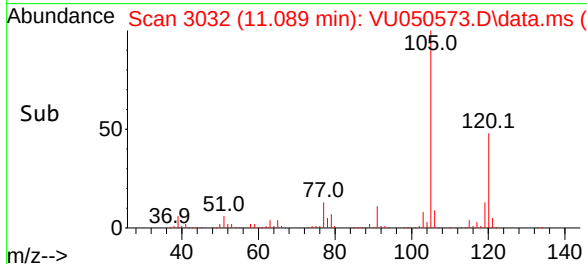
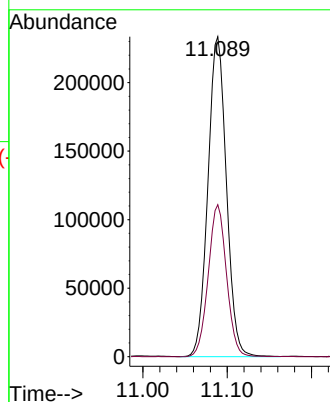
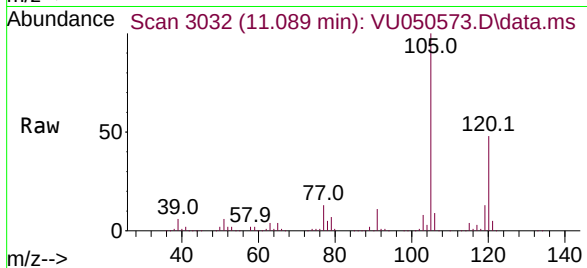




#62
 1,3,5-Trimethylbenzene
 Concen: 49.608 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

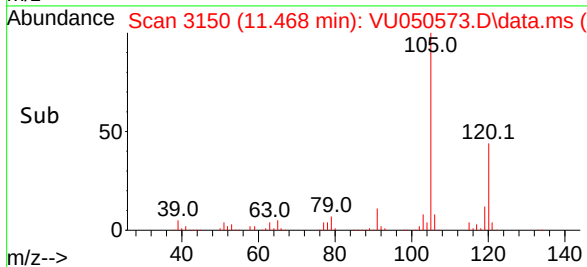
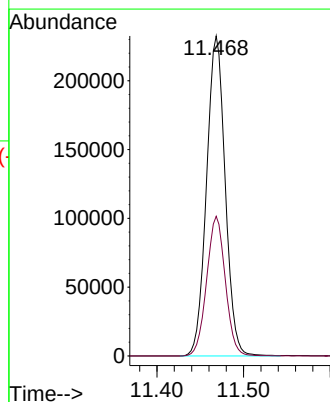
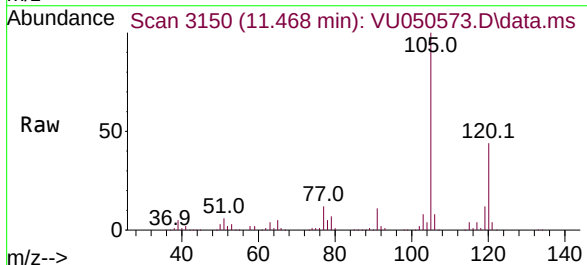
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050185

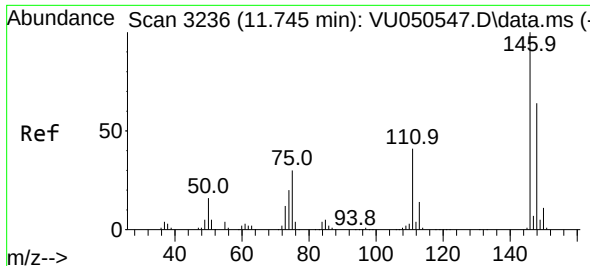
Tgt Ion:105 Resp: 356323
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 49.860 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

Tgt Ion:105 Resp: 347858
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.6 53.4

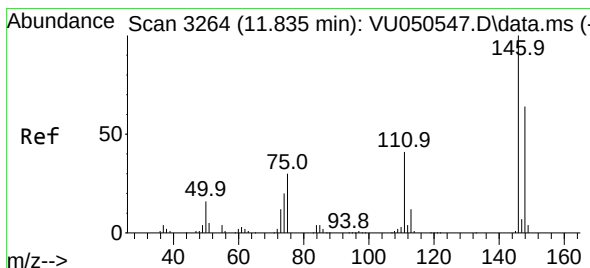
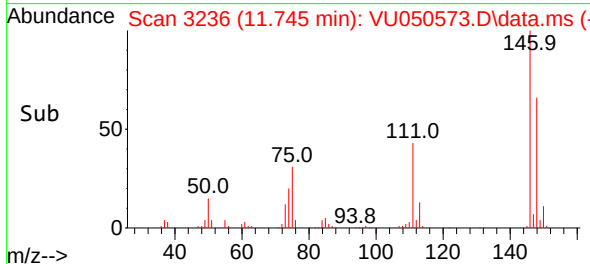
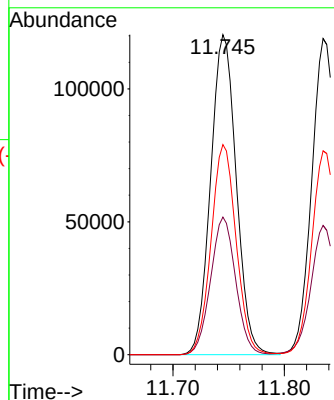
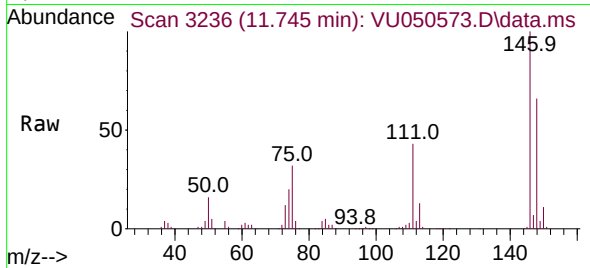




#64
1,3-Dichlorobenzene
Concen: 46.140 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

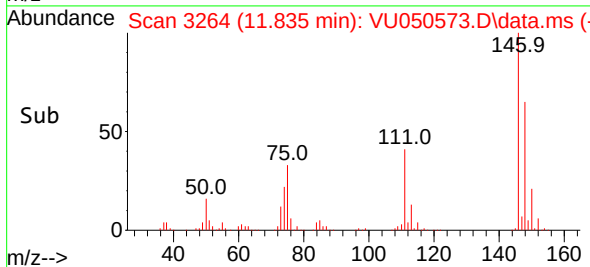
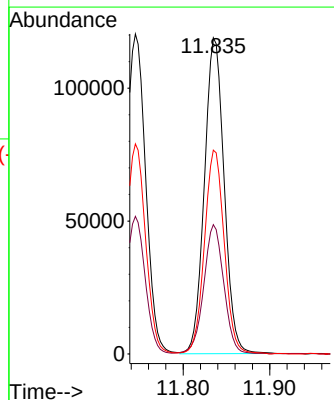
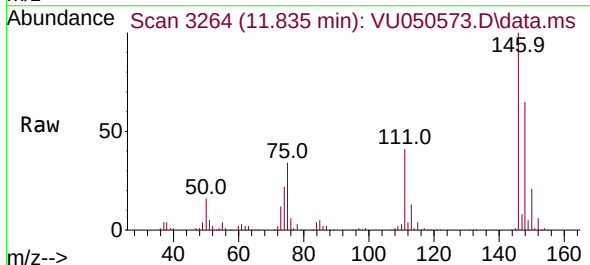
Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

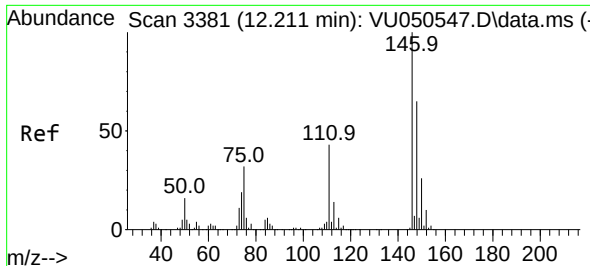
Tgt Ion:146 Resp: 192363
Ion Ratio Lower Upper
146 100
111 43.0 28.4 52.8
148 65.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 44.583 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion:146 Resp: 188480
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 64.5 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 47.737 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD050185

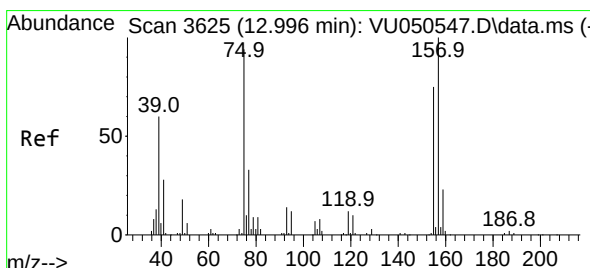
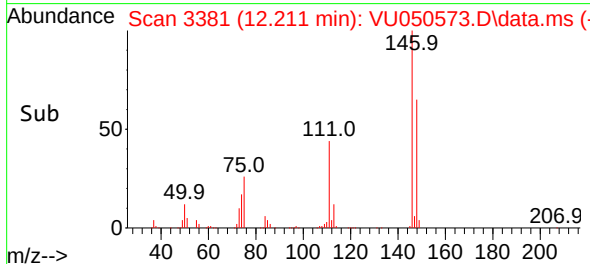
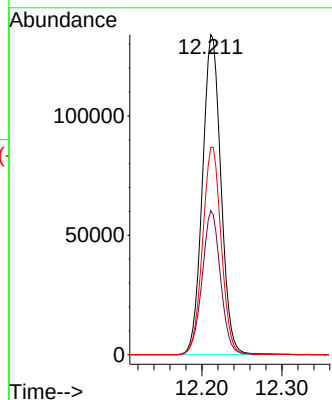
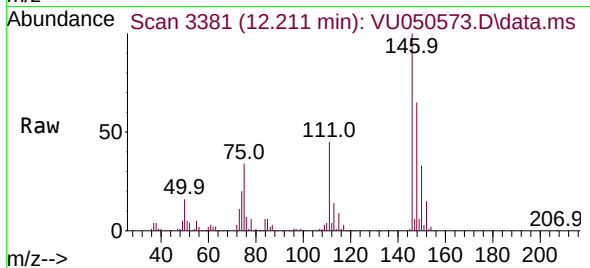
Tgt Ion:146 Resp: 215758

Ion Ratio Lower Upper

146 100

111 45.0 33.4 50.2

148 64.8 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 45.720 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050573.D

Acq: 01 Sep 2022 00:49

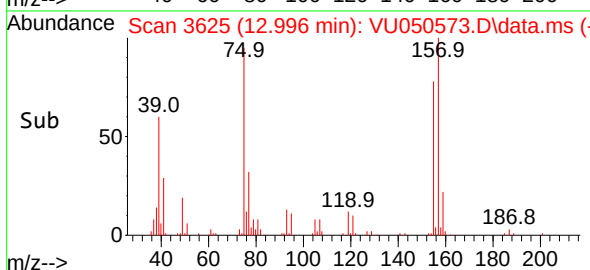
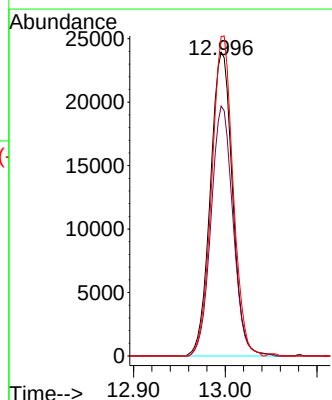
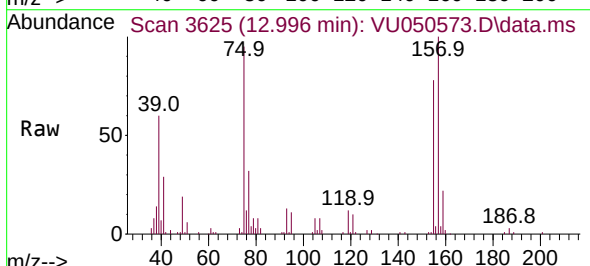
Tgt Ion: 75 Resp: 40131

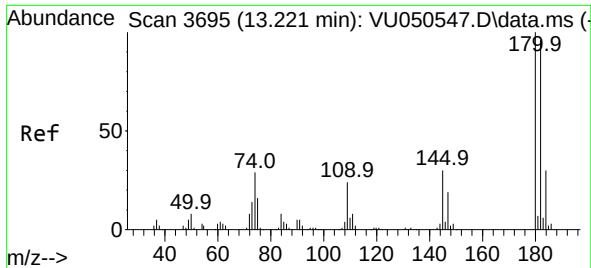
Ion Ratio Lower Upper

75 100

155 86.8 71.4 107.2

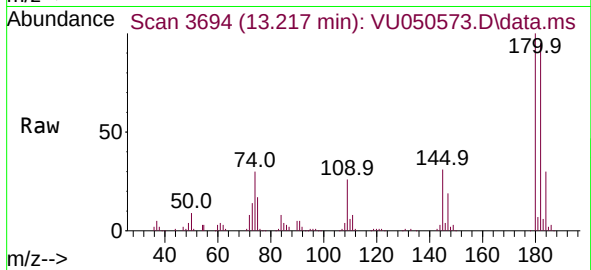
157 105.1 83.2 124.8



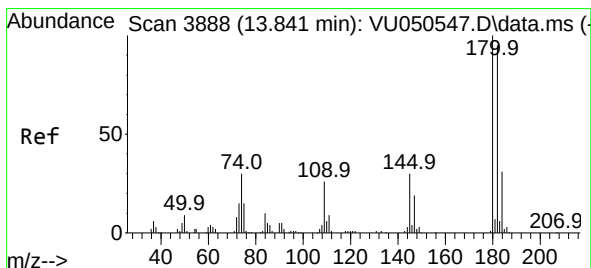
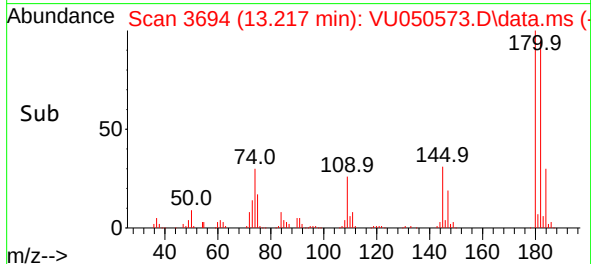
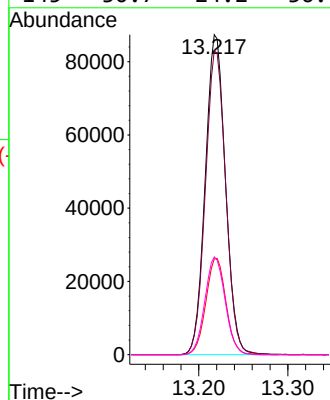


#69
 1,3,5-Trichlorobenzene
 Concen: 48.100 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050185

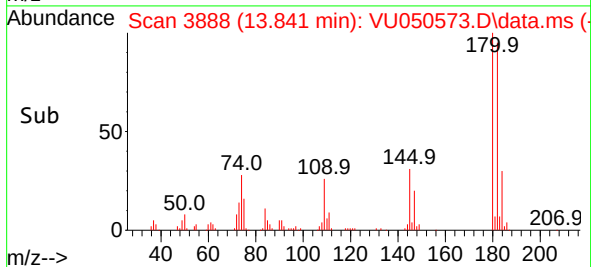
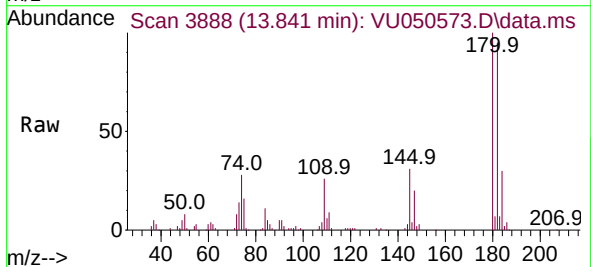
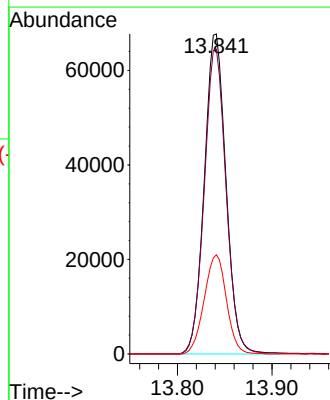


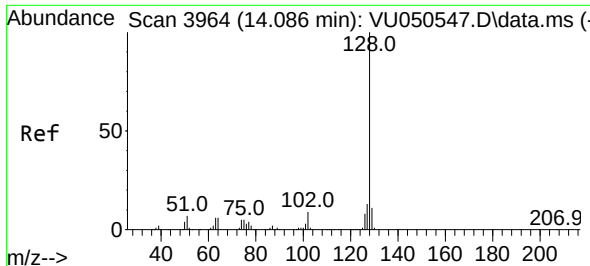
Tgt Ion:180 Resp: 137225
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.3 114.5
 184 30.0 24.4 36.6
 145 30.7 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 42.563 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050573.D
 Acq: 01 Sep 2022 00:49

Tgt Ion:180 Resp: 108006
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 115.0
 145 31.7 24.2 36.4

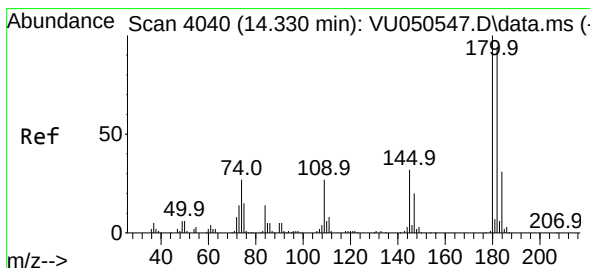
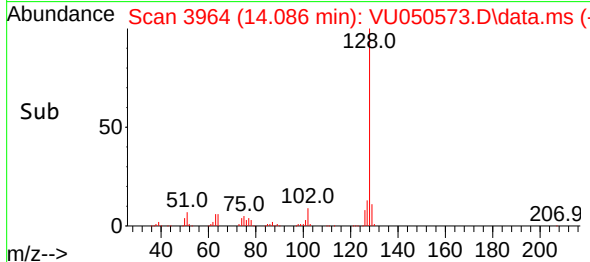
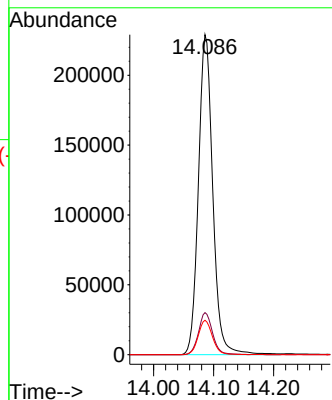
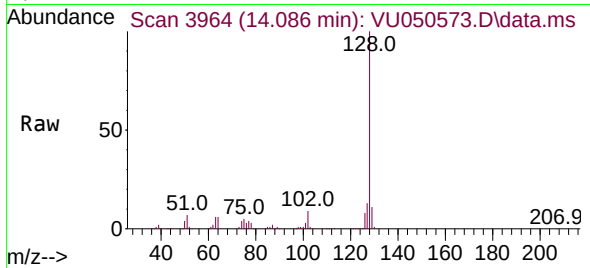




#71
Naphthalene
Concen: 36.739 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD050185

Tgt Ion:128 Resp: 382509
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 43.455 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050573.D
Acq: 01 Sep 2022 00:49

Tgt Ion:180 Resp: 127437
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 32.8 26.2 39.2

