

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050599.D
 Acq On : 02 Sep 2022 14:53
 Operator : SY/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050021

Quant Time: Sep 03 01:58:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	387573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156070	51.716	ug/L	0.00
7) Chloroethane-d5	1.906	69	117279	50.931	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	278163	53.866	ug/L	0.00
21) 2-Butanone-d5	4.626	46	244790	95.756	ug/L	0.00
24) Chloroform-d	5.063	84	308189	52.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	186838	49.555	ug/L	0.00
32) Benzene-d6	5.726	84	615366	52.313	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	206210	52.549	ug/L	0.00
41) Toluene-d8	7.896	98	540343	52.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	84371	53.264	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	103648	77.857	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	304639	50.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	186287	48.896	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	178019	65.091	ug/L	100
3) Chloromethane	1.520	50	188917	46.715	ug/L	100
5) Vinyl chloride	1.604	62	176530	47.417	ug/L	100
6) Bromomethane	1.851	94	89860	52.238	ug/L	100
8) Chloroethane	1.928	64	100351	43.766	ug/L	100
9) Trichlorofluoromethane	2.134	101	218875	49.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	141423	52.900	ug/L	100
12) 1,1-Dichloroethene	2.578	96	138697	51.108	ug/L	100
13) Acetone	2.633	43	185122	92.379	ug/L	100
14) Carbon disulfide	2.790	76	401473	57.717	ug/L	100
15) Methyl Acetate	2.948	43	190483	46.545	ug/L	100
16) Methylene chloride	3.044	84	177729	41.369	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	149349	50.799	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	467263	47.859	ug/L	100
19) 1,1-Dichloroethane	3.867	63	292597	49.446	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	168792	49.048	ug/L	100
22) 2-Butanone	4.703	43	293207	94.960	ug/L	100
23) Bromochloromethane	4.973	128	86818	47.572	ug/L	100
25) Chloroform	5.086	83	299408	49.079	ug/L	100
27) 1,2-Dichloroethane	5.793	62	225327	47.128	ug/L	100
29) Cyclohexane	5.388	56	249842	56.555	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	246284	53.015	ug/L	100
31) Carbon tetrachloride	5.523	117	200632	55.583	ug/L	100
33) Benzene	5.774	78	683850	50.076	ug/L	100
34) Trichloroethene	6.542	95	158071	49.975	ug/L	100
35) Methylcyclohexane	6.761	83	250875	56.365	ug/L	100
37) 1,2-Dichloropropane	6.790	63	181228	48.649	ug/L	100
38) Bromodichloromethane	7.105	83	214803	50.551	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	249278	50.455	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	508363	95.528	ug/L	100
42) Toluene	7.970	91	695327	51.211	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	228063	50.748	ug/L	100

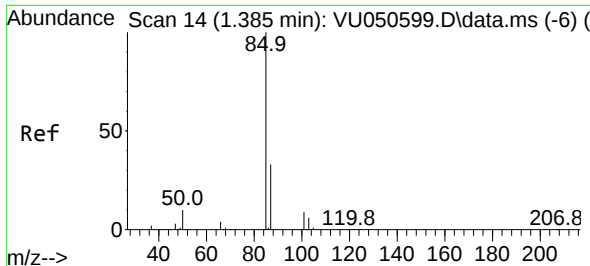
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	170404	47.547	ug/L	100
46) Tetrachloroethene	8.552	164	114358	51.281	ug/L	100
48) 2-Hexanone	8.684	43	460512	100.168	ug/L	100
49) Dibromochloromethane	8.809	129	162592	51.265	ug/L	100
50) 1,2-Dibromoethane	8.922	107	177295	47.807	ug/L	100
51) Chlorobenzene	9.446	112	420338	49.657	ug/L	100
52) Ethylbenzene	9.568	91	701147	52.757	ug/L	100
53) m,p-Xylene	9.693	106	261869	52.517	ug/L	100
54) o-Xylene	10.099	106	266943	52.880	ug/L	100
55) Styrene	10.115	104	447102	53.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	294291	46.126	ug/L	100
59) Bromoform	10.291	173	117265	49.952	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	233185	45.211	ug/L	100
61) Isopropylbenzene	10.484	105	659326	52.477	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	564073	54.243	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	546893	54.278	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	284913	47.947	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	280406	46.414	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	297190	46.400	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	59032	47.250	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	202013	48.793	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	162619	44.543	ug/L	100
71) Naphthalene	14.086	128	566065	38.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	180445	43.207	ug/L	100

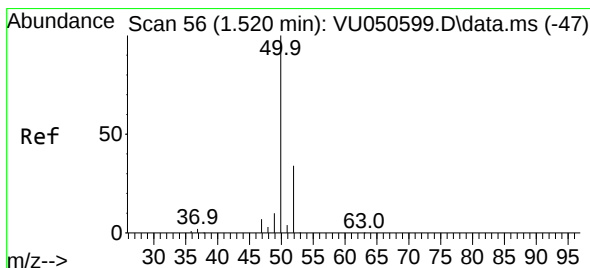
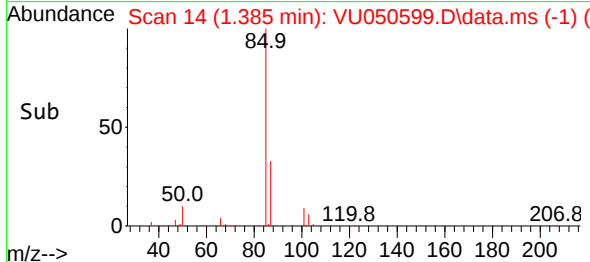
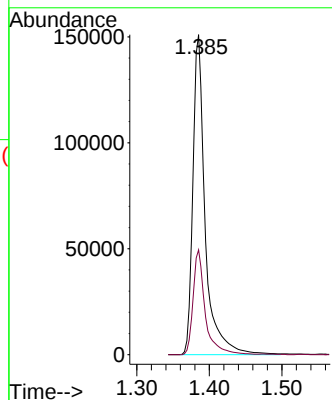
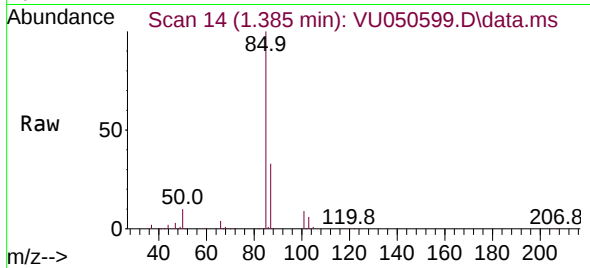
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 65.091 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

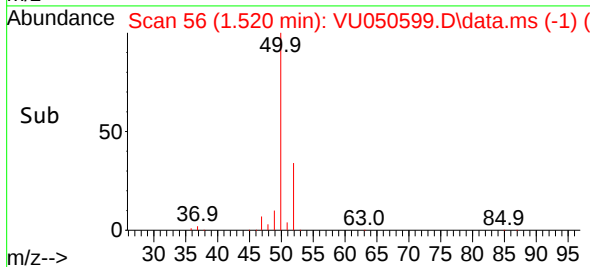
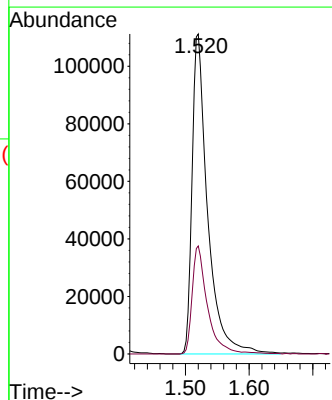
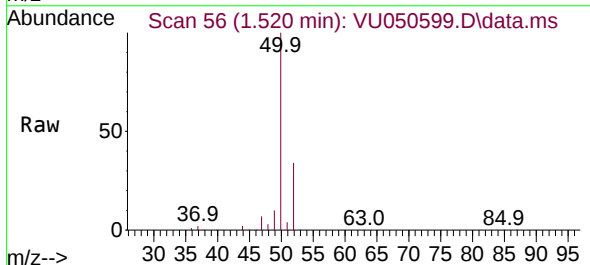
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

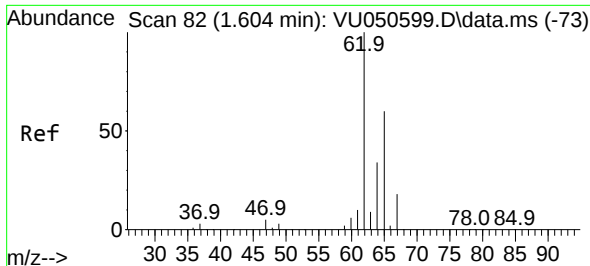
Tgt Ion: 85 Resp: 178019
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 46.715 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 50 Resp: 188917
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9

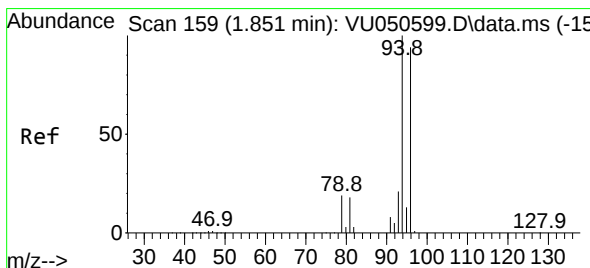
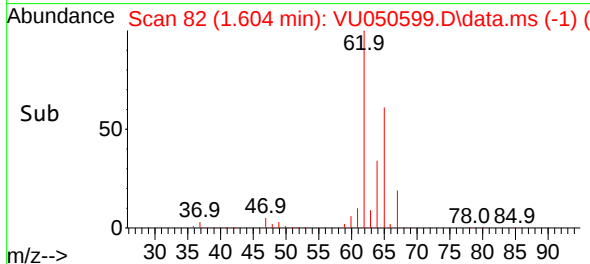
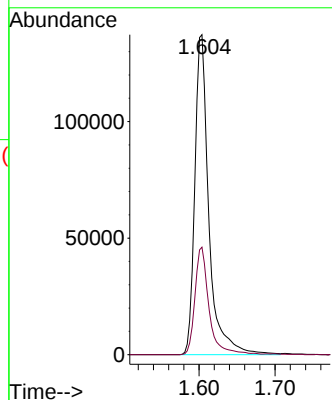
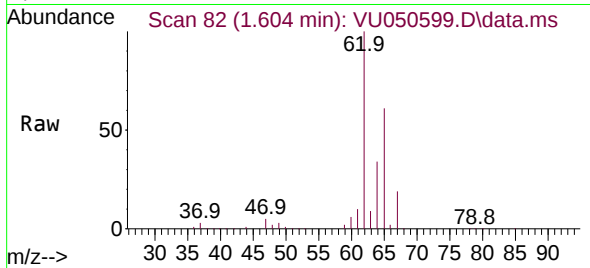




#5
 Vinyl chloride
 Concen: 47.417 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

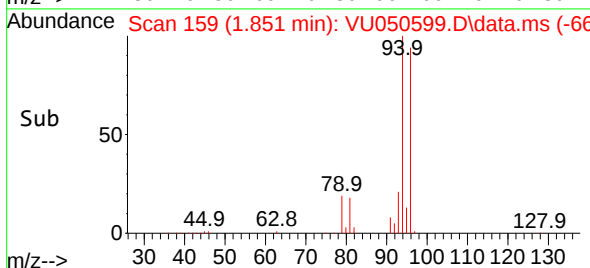
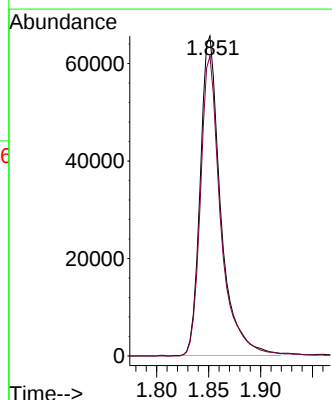
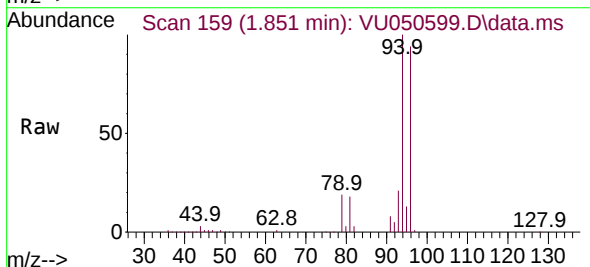
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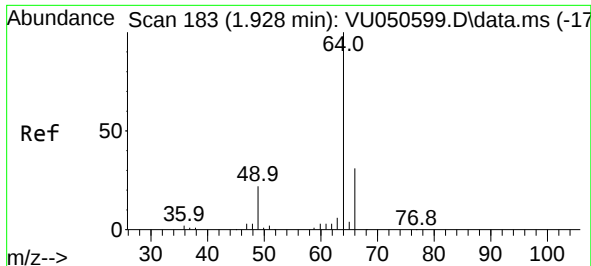
Tgt Ion: 62 Resp: 176530
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 52.238 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

Tgt Ion: 94 Resp: 89860
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

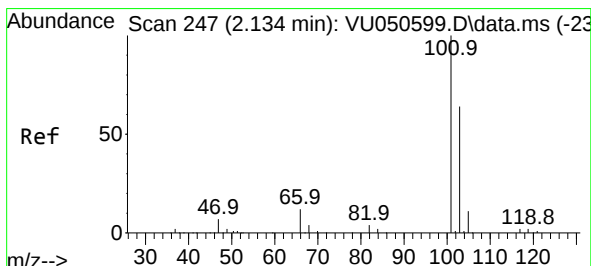
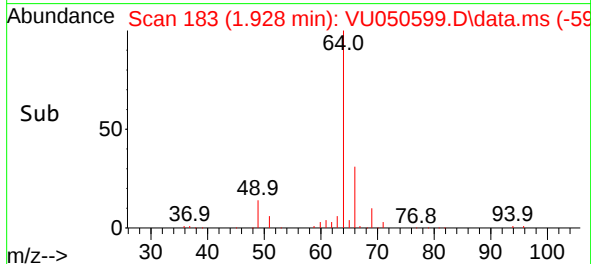
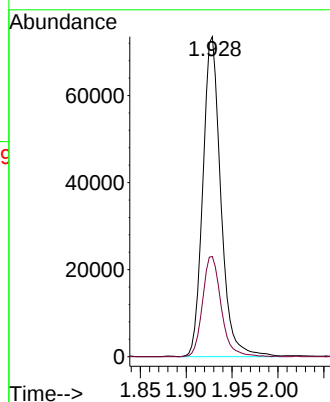
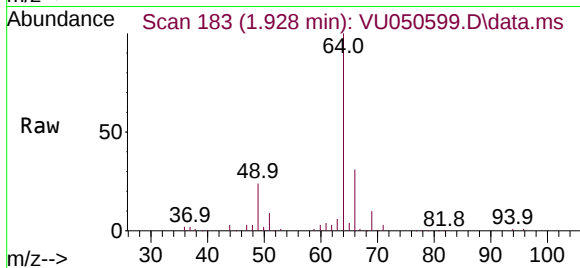




#8
Chloroethane
Concen: 43.766 ug/L
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

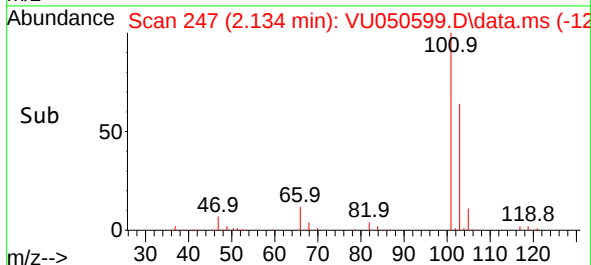
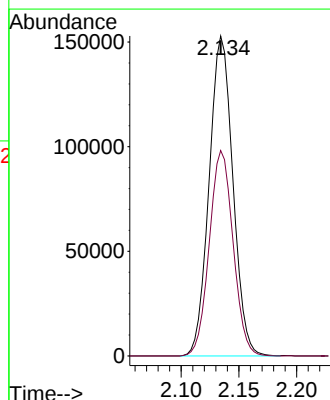
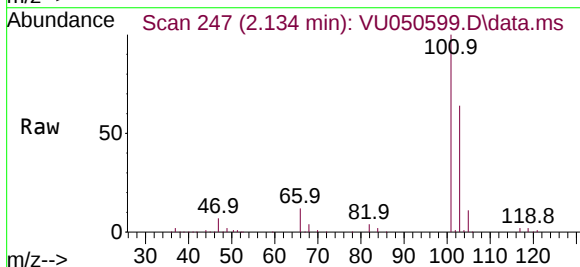
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ClientSampleId :
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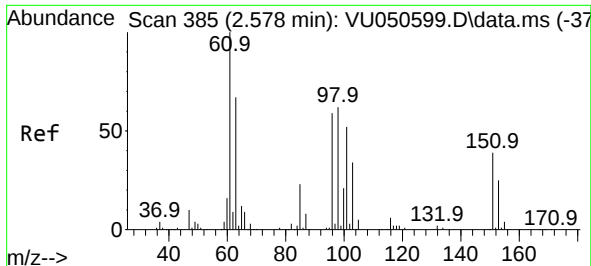
Tgt Ion: 64 Resp: 100351
Ion Ratio Lower Upper
64 100
66 31.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 49.995 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion:101 Resp: 218875
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

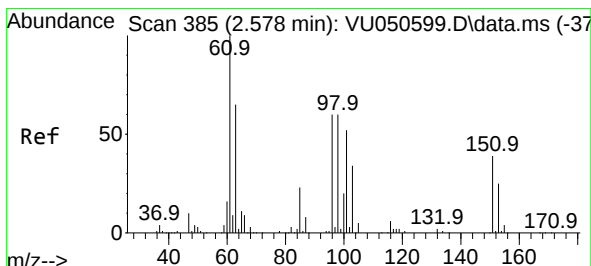
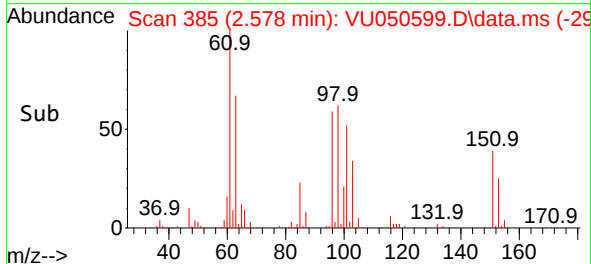
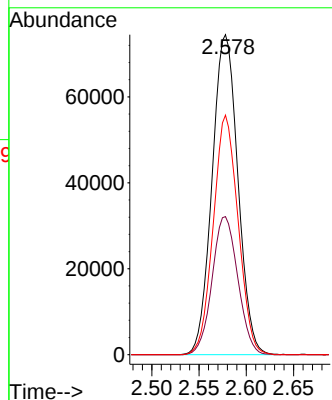
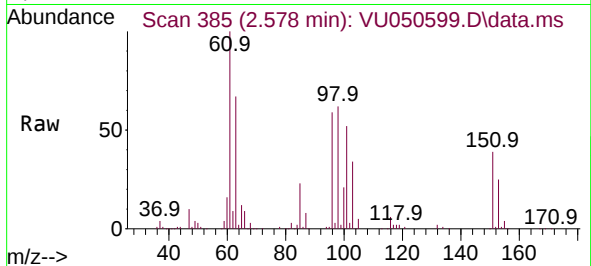




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.900 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

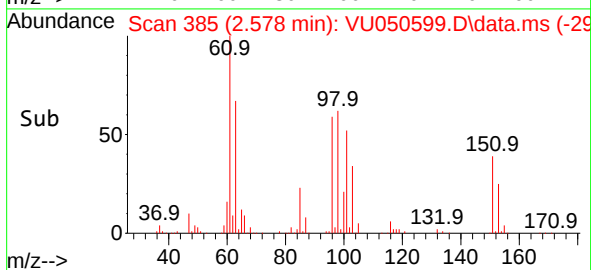
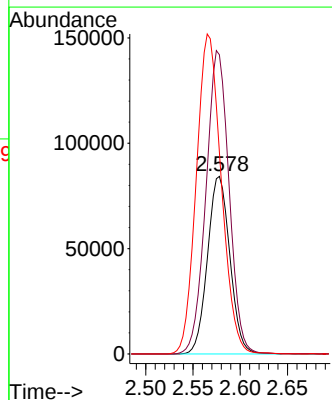
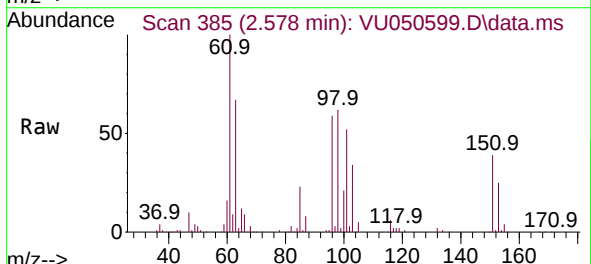
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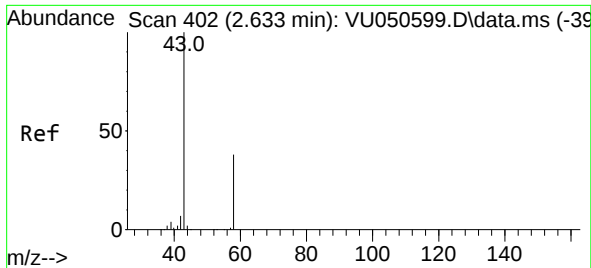
Tgt Ion: 101 Resp: 141423
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 72.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 51.108 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

Tgt Ion: 96 Resp: 138697
 Ion Ratio Lower Upper
 96 100
 61 168.5 118.0 219.1
 63 113.6 79.5 147.7





#13

Acetone

Concen: 92.379 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

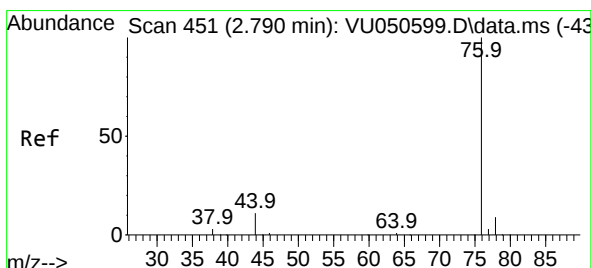
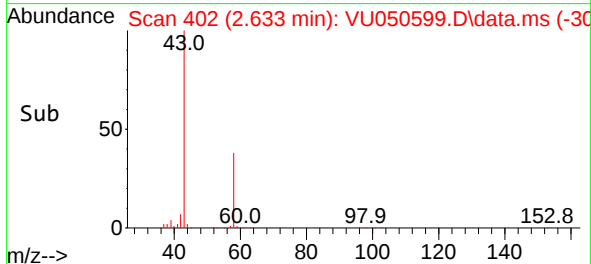
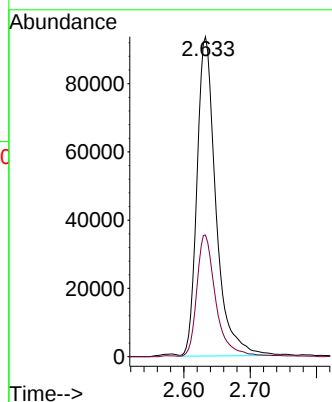
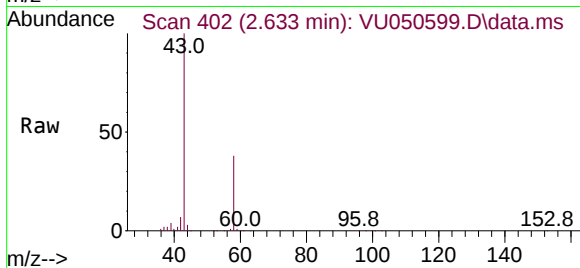
VSTD050021

Tgt Ion: 43 Resp: 185122

Ion Ratio Lower Upper

43 100

58 38.1 0.0 76.2



#14

Carbon disulfide

Concen: 57.717 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050599.D

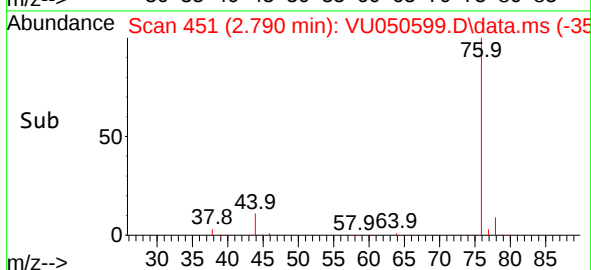
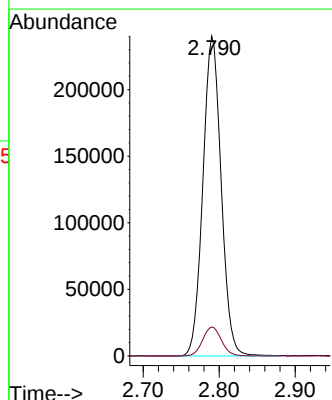
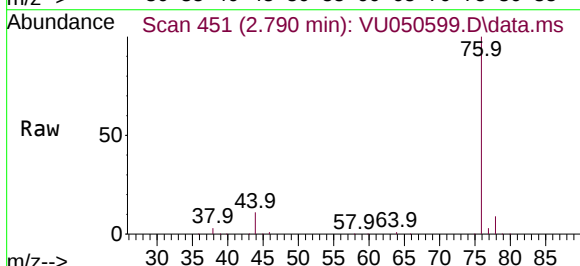
Acq: 02 Sep 2022 14:53

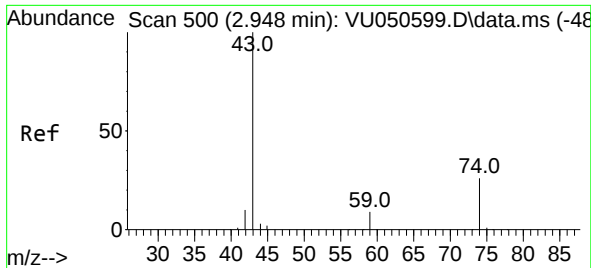
Tgt Ion: 76 Resp: 401473

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

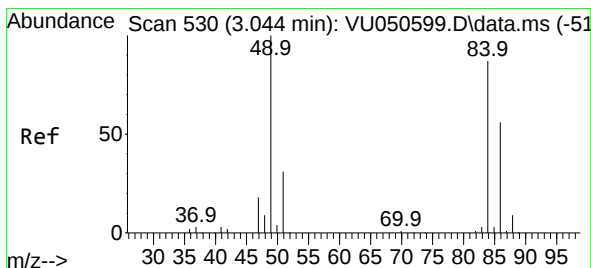
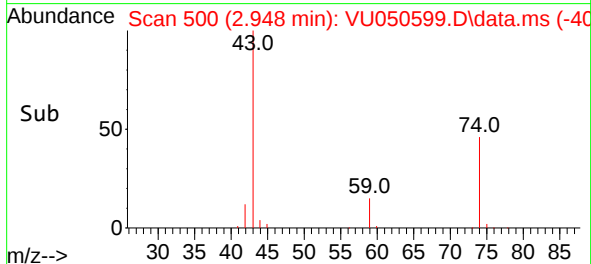
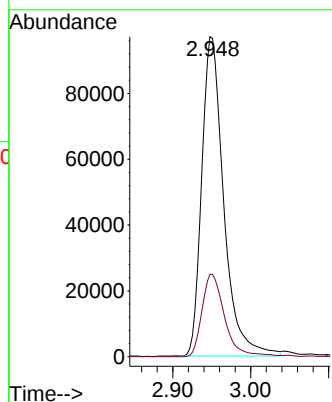
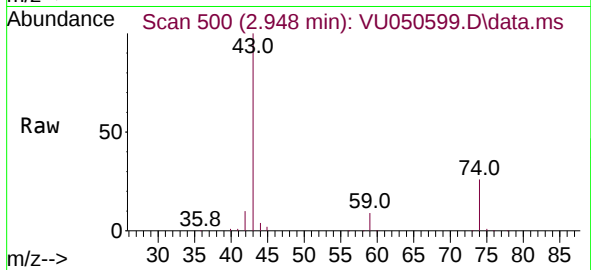




#15
Methyl Acetate
Concen: 46.545 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

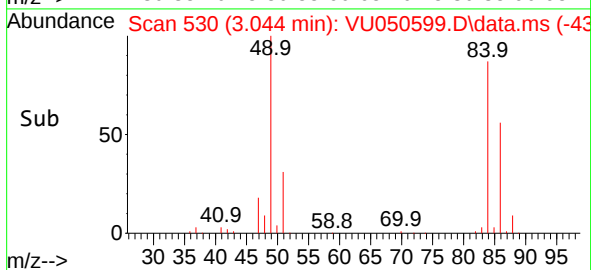
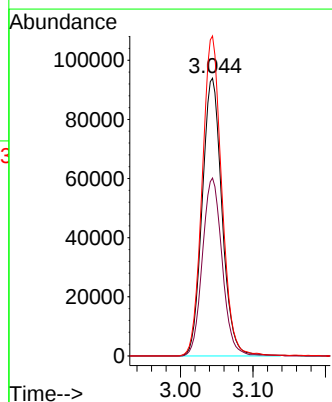
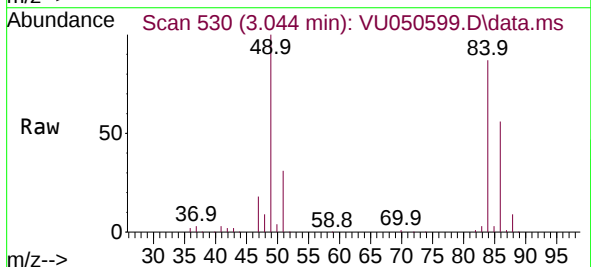
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

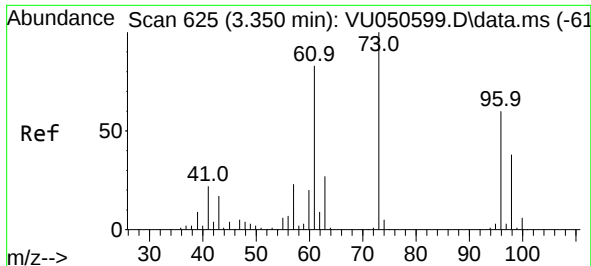
Tgt Ion: 43 Resp: 190483
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8



#16
Methylene chloride
Concen: 41.369 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 84 Resp: 177729
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 115.2 80.6 149.8

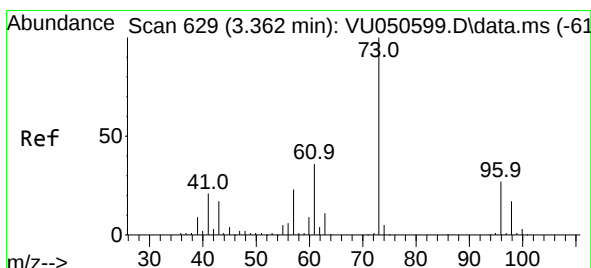
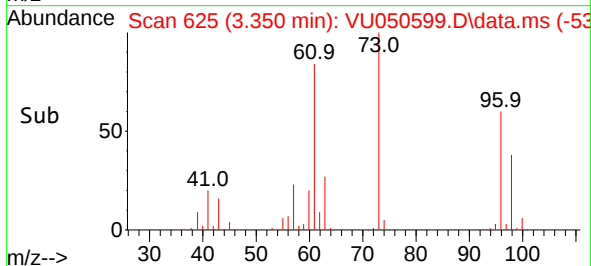
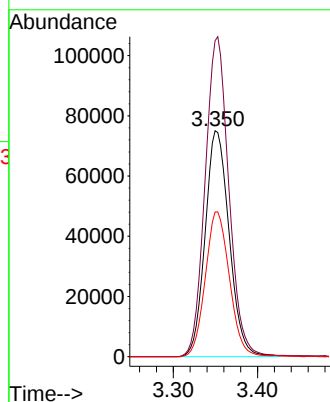
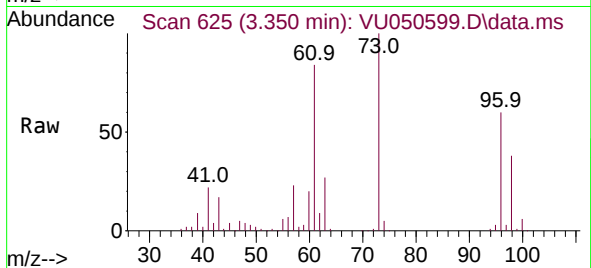




#17
trans-1,2-Dichloroethene
Concen: 50.799 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

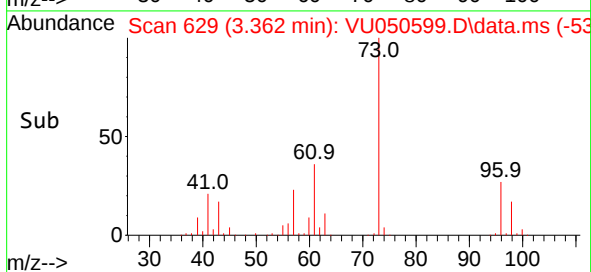
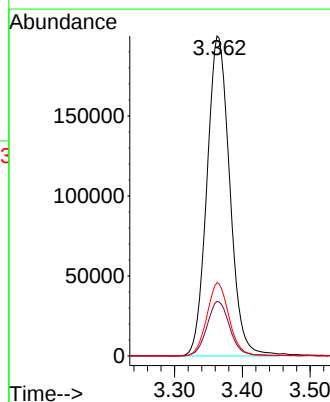
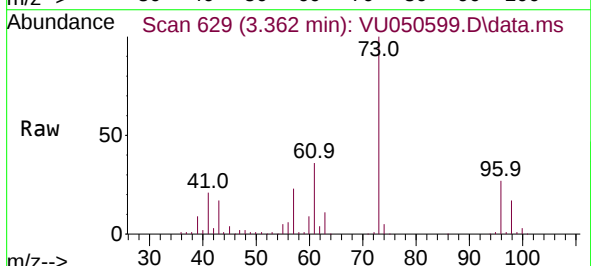
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

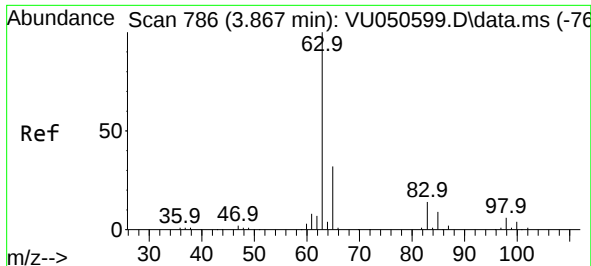
Tgt Ion: 96 Resp: 149349
Ion Ratio Lower Upper
96 100
61 139.8 97.9 181.7
98 64.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 47.859 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 73 Resp: 467263
Ion Ratio Lower Upper
73 100
43 16.8 13.4 20.2
57 22.3 17.8 26.8





#19

1,1-Dichloroethane

Concen: 49.446 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD050021

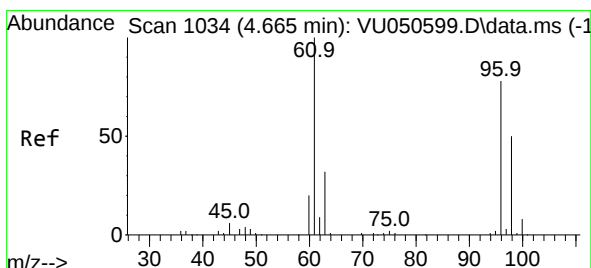
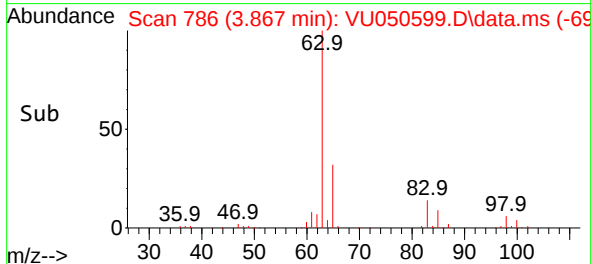
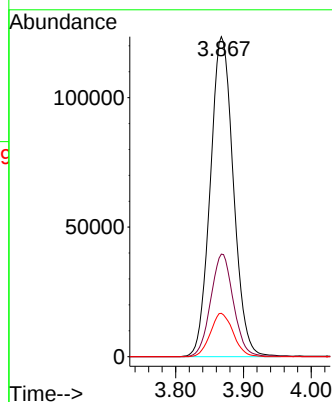
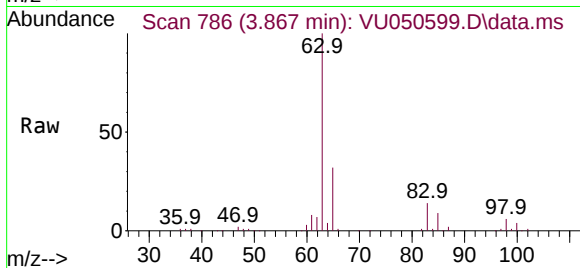
Tgt Ion: 63 Resp: 292597

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.048 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

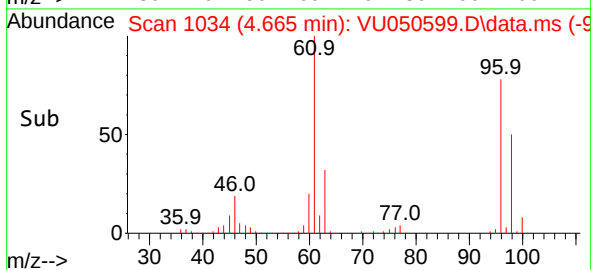
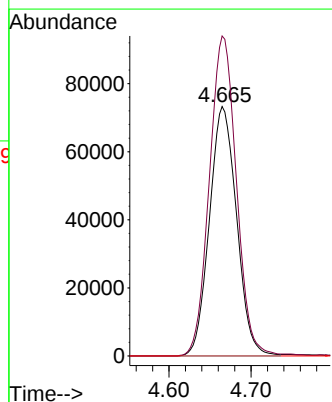
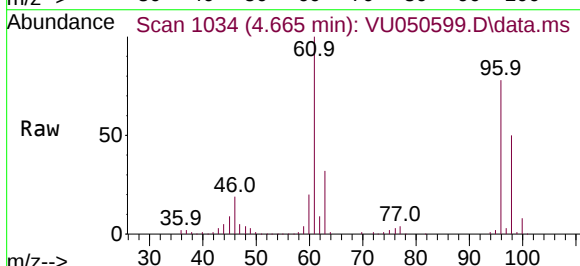
Tgt Ion: 96 Resp: 168792

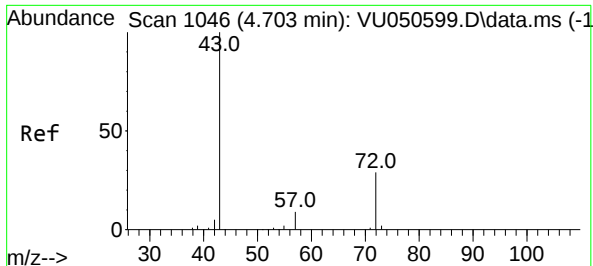
Ion Ratio Lower Upper

96 100

61 128.3 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 94.960 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

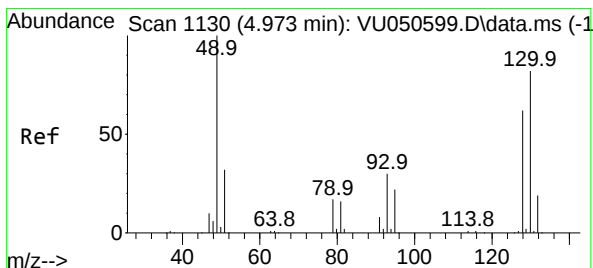
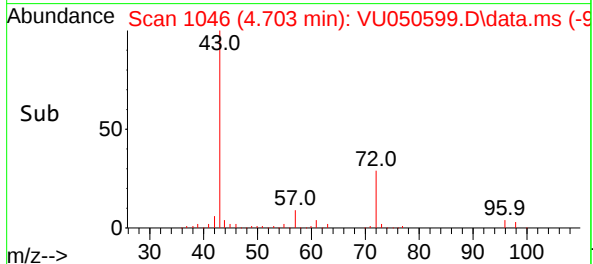
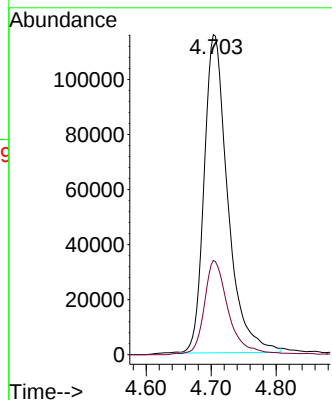
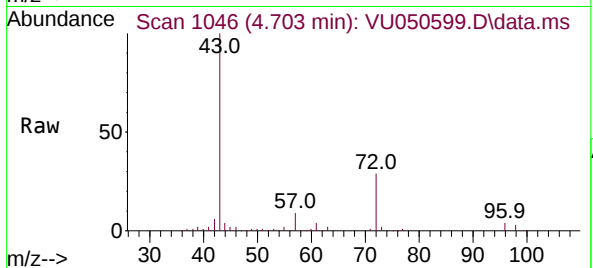
VSTD050021

Tgt Ion: 43 Resp: 293207

Ion Ratio Lower Upper

43 100

72 29.3 14.6 44.0



#23

Bromochloromethane

Concen: 47.572 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Tgt Ion: 128 Resp: 86818

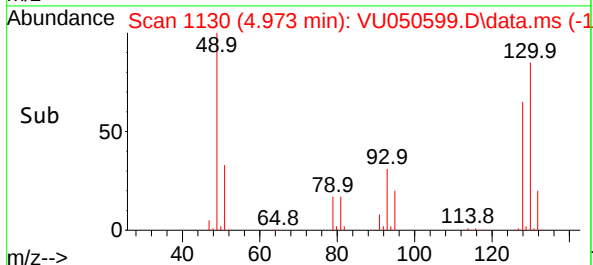
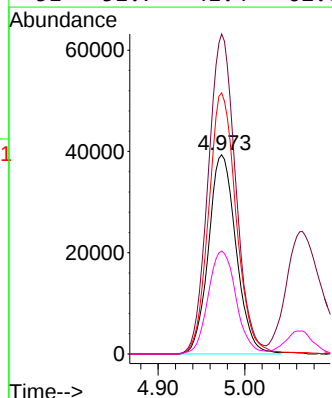
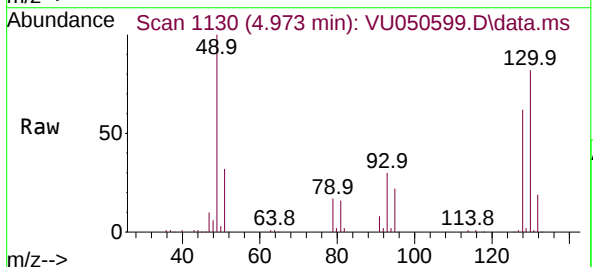
Ion Ratio Lower Upper

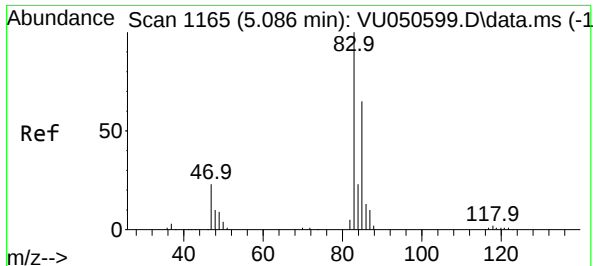
128 100

49 160.7 112.5 208.9

130 131.1 91.8 170.4

51 51.7 41.4 62.0





#25

Chloroform

Concen: 49.079 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

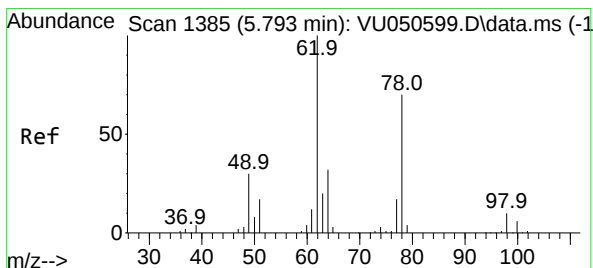
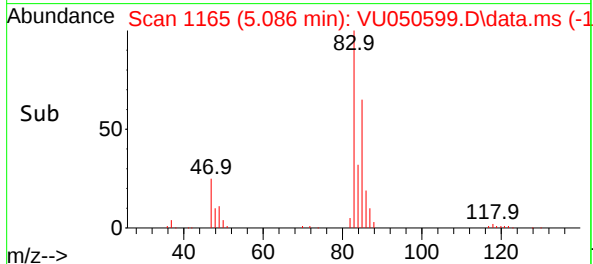
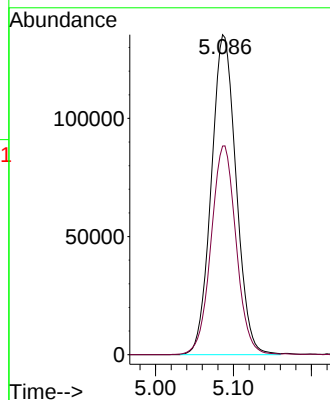
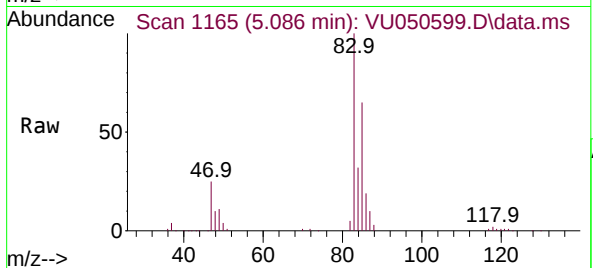
VSTD050021

Tgt Ion: 83 Resp: 299408

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 47.128 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050599.D

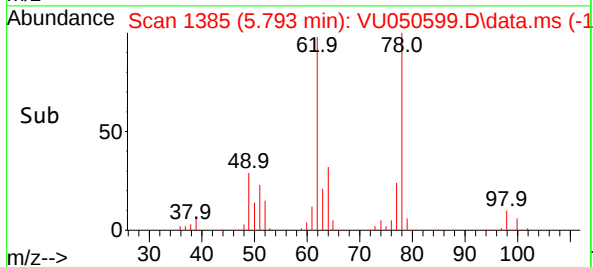
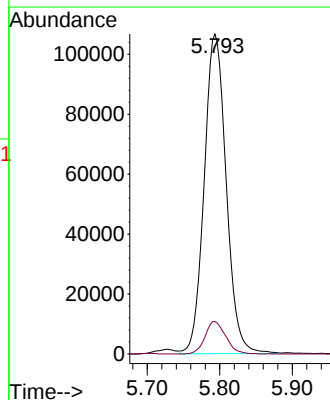
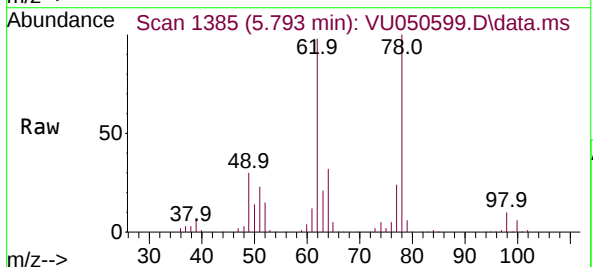
Acq: 02 Sep 2022 14:53

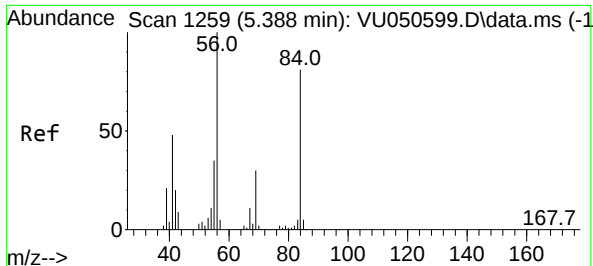
Tgt Ion: 62 Resp: 225327

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 56.555 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD050021

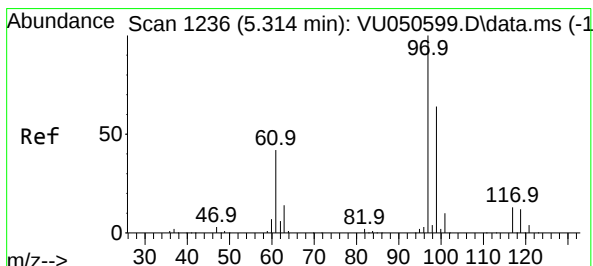
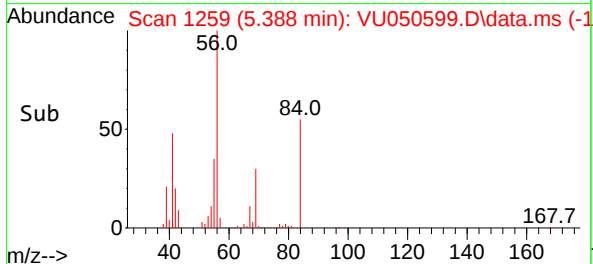
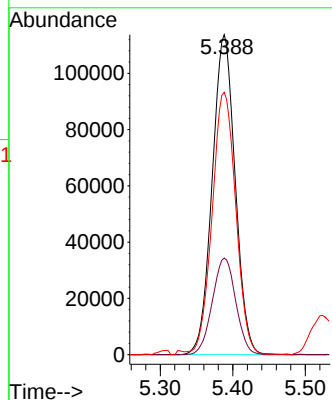
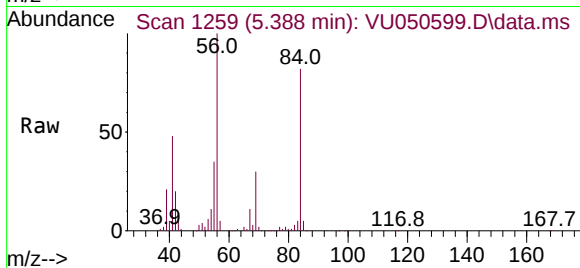
Tgt Ion: 56 Resp: 249842

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 84.3 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 53.015 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

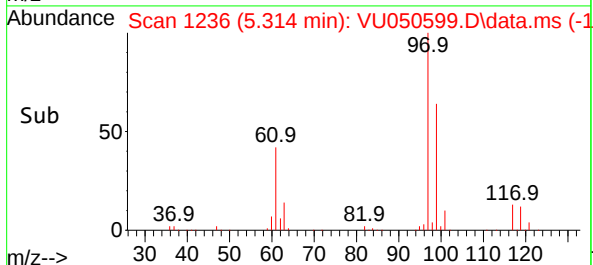
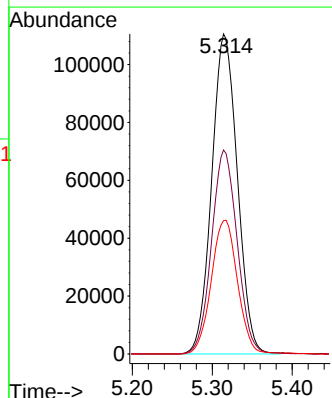
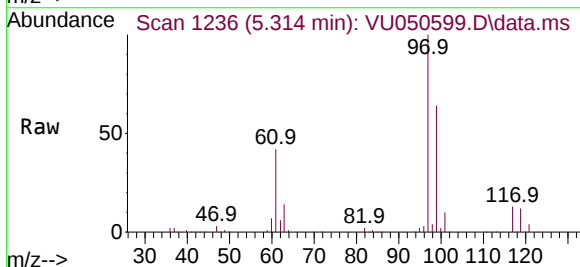
Tgt Ion: 97 Resp: 246284

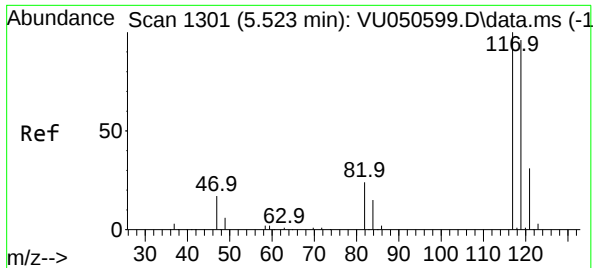
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 42.8 34.2 51.4

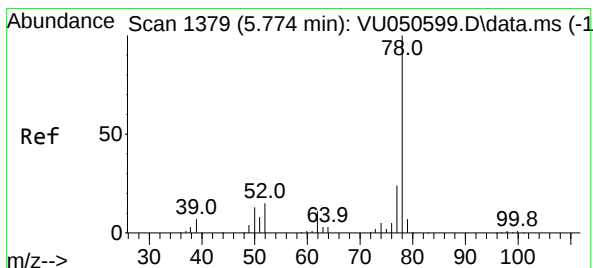
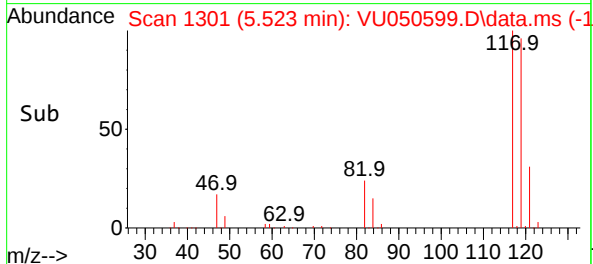
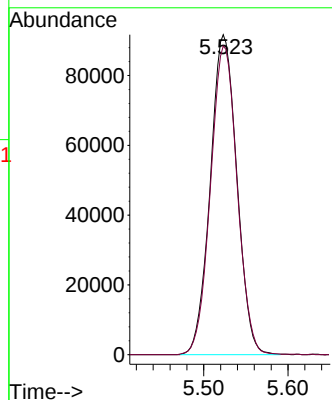
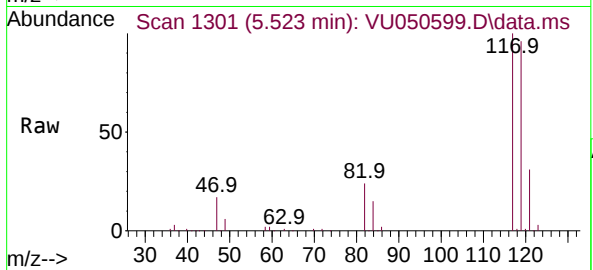




#31
Carbon tetrachloride
Concen: 55.583 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

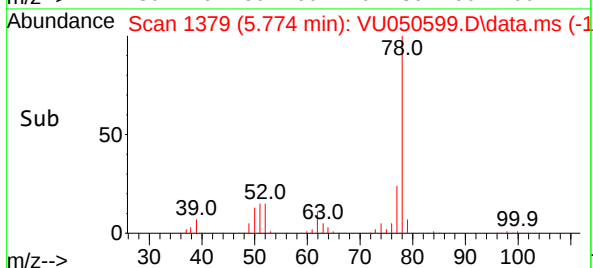
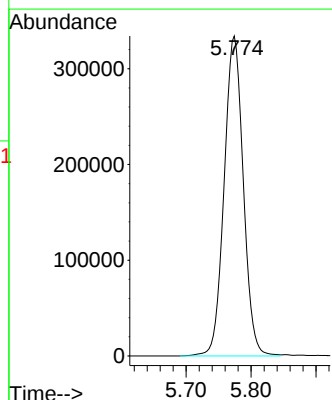
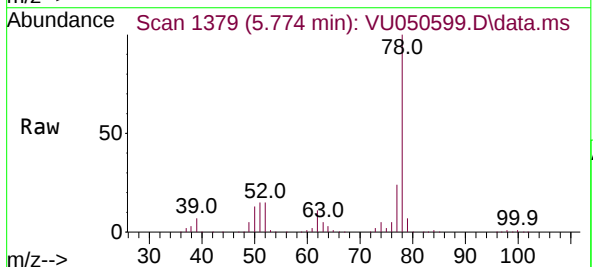
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

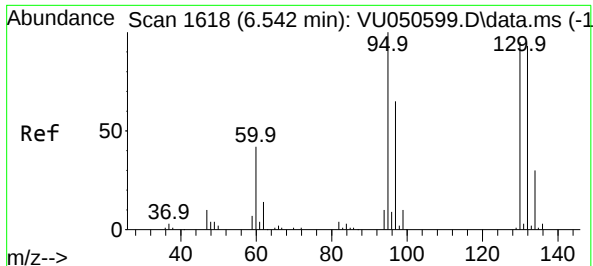
Tgt Ion:117 Resp: 200632
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 50.076 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 78 Resp: 683850

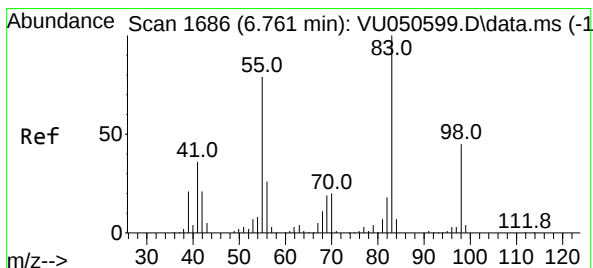
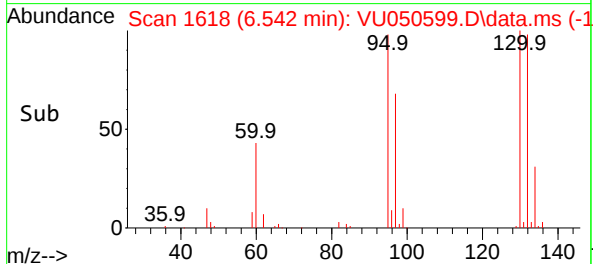
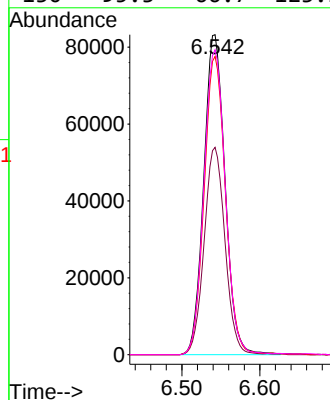
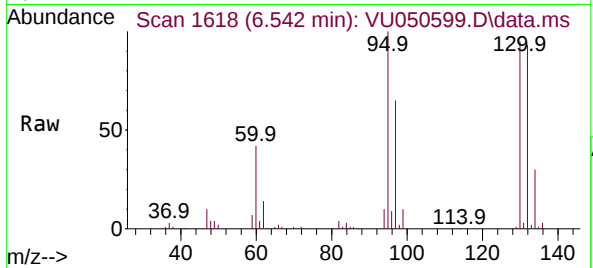




#34
Trichloroethene
Concen: 49.975 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

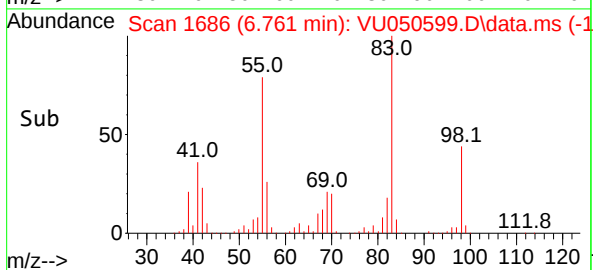
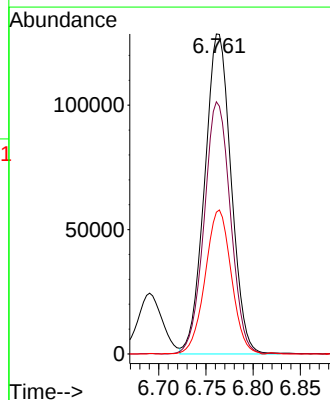
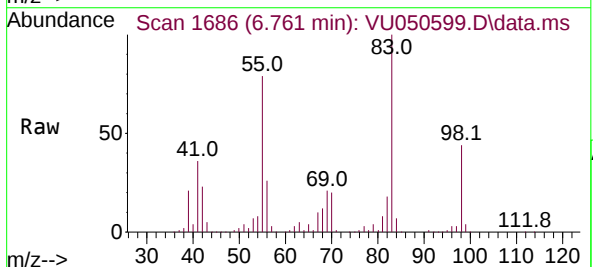
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

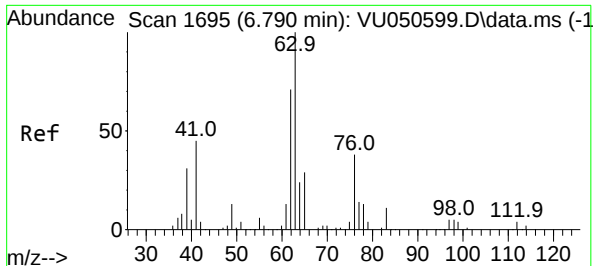
Tgt Ion: 95 Resp: 158071
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 93.2 65.2 121.2
130 95.3 66.7 123.9



#35
Methylcyclohexane
Concen: 56.365 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 83 Resp: 250875
Ion Ratio Lower Upper
83 100
55 78.2 62.6 93.8
98 44.4 35.5 53.3





#37

1,2-Dichloropropane

Concen: 48.649 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

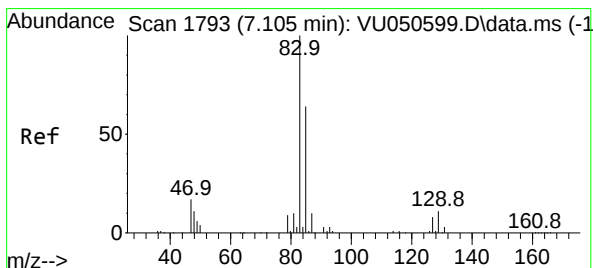
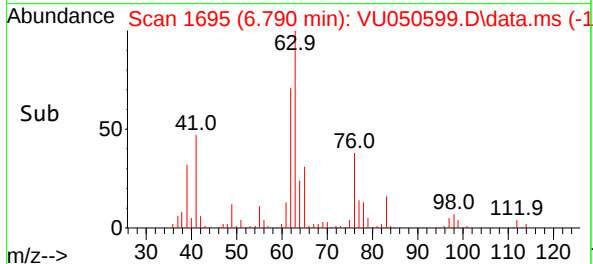
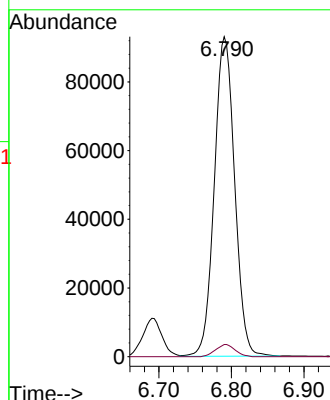
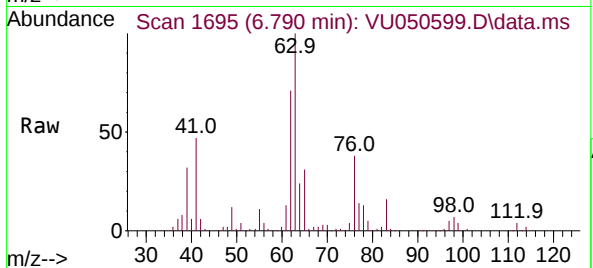
VSTD050021

Tgt Ion: 63 Resp: 181228

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 50.551 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

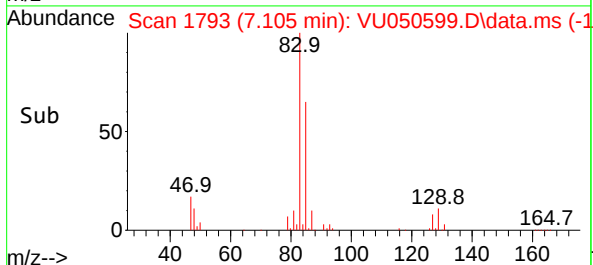
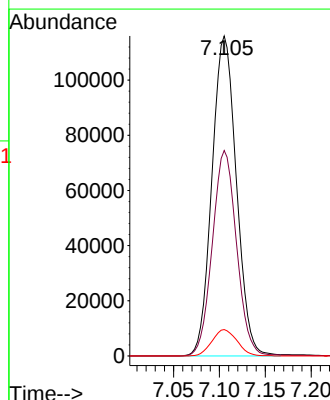
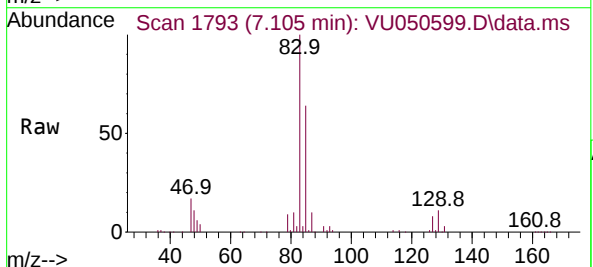
Tgt Ion: 83 Resp: 214803

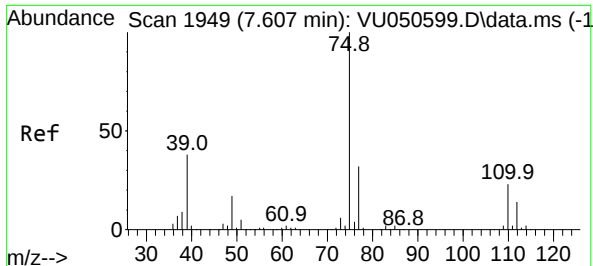
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 50.455 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

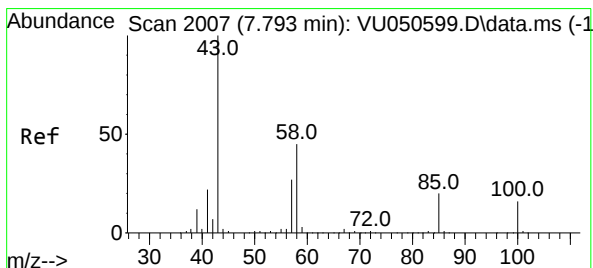
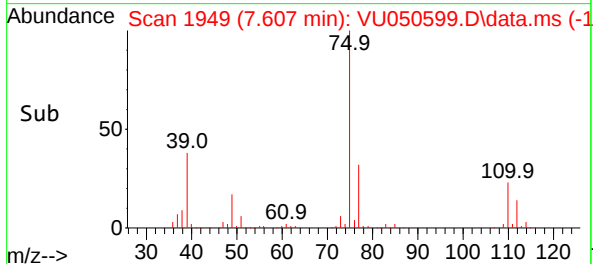
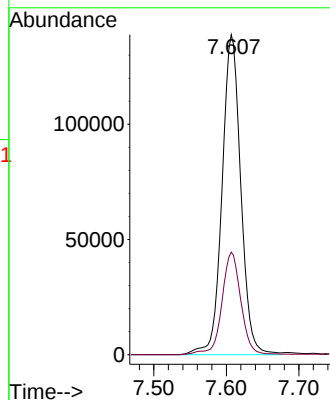
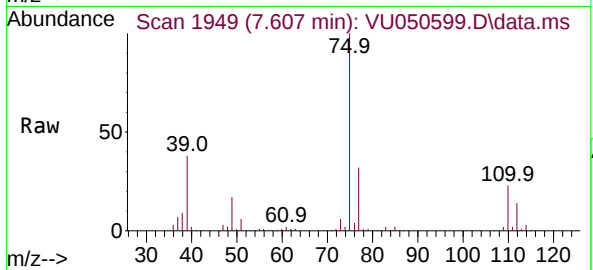
VSTD050021

Tgt Ion: 75 Resp: 249278

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 95.528 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

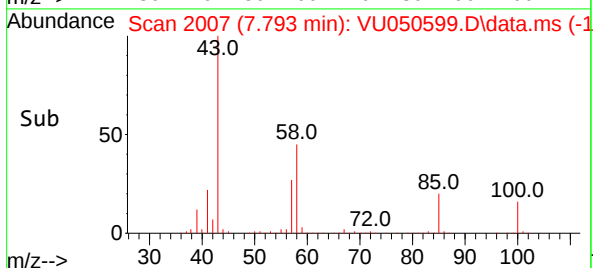
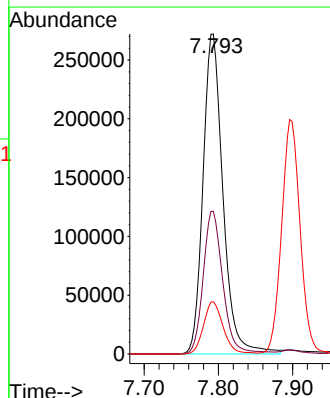
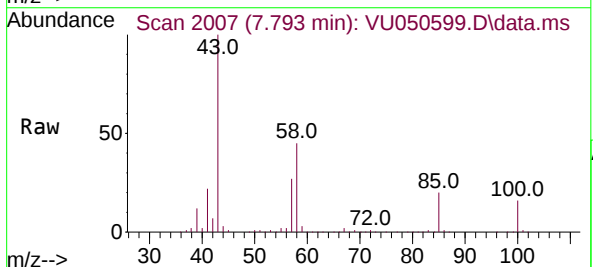
Tgt Ion: 43 Resp: 508363

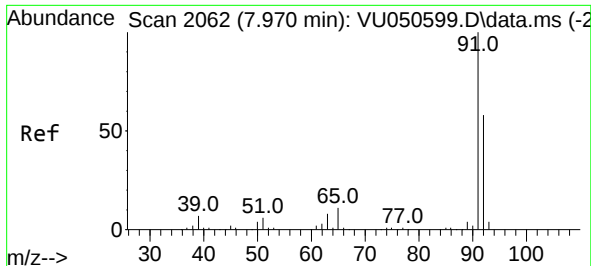
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 16.1 12.9 19.3





#42

Toluene

Concen: 51.211 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

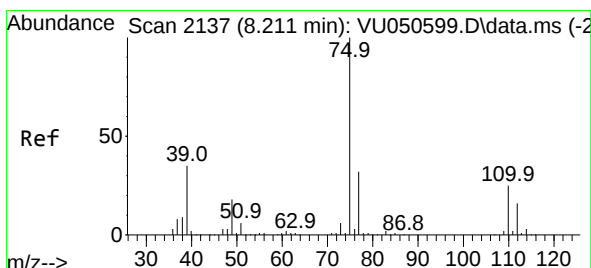
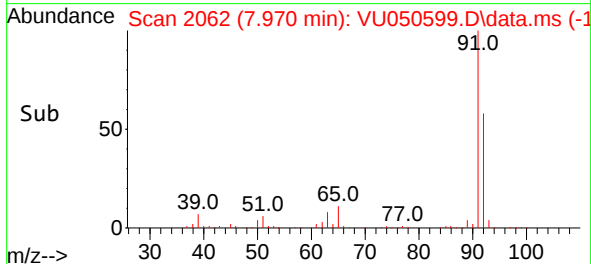
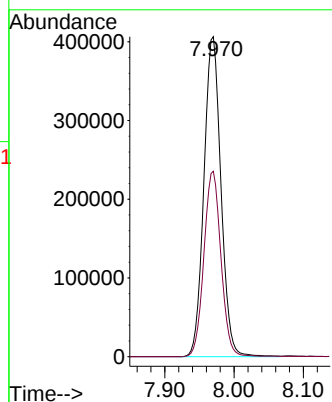
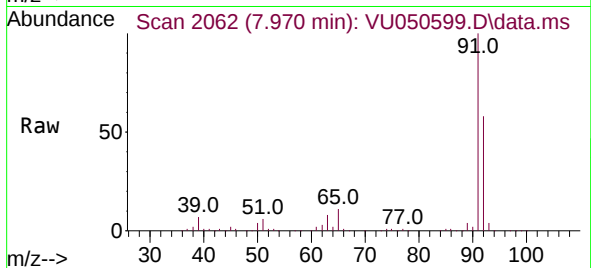
VSTD050021

Tgt Ion: 91 Resp: 695327

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 50.748 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050599.D

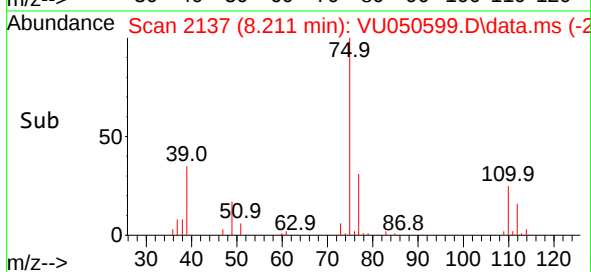
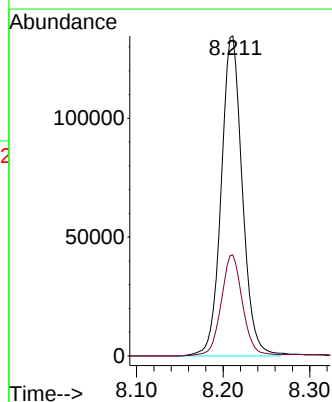
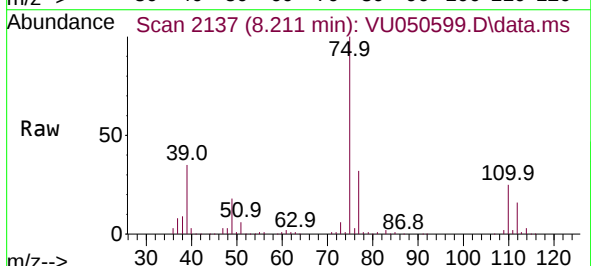
Acq: 02 Sep 2022 14:53

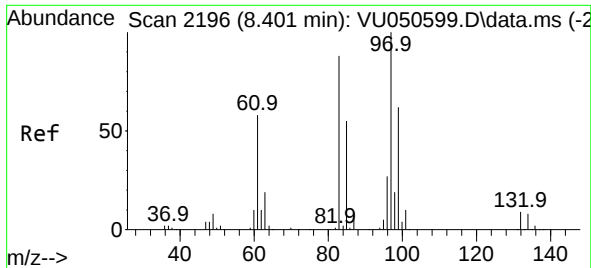
Tgt Ion: 75 Resp: 228063

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



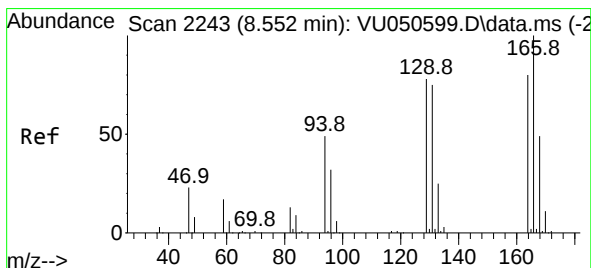
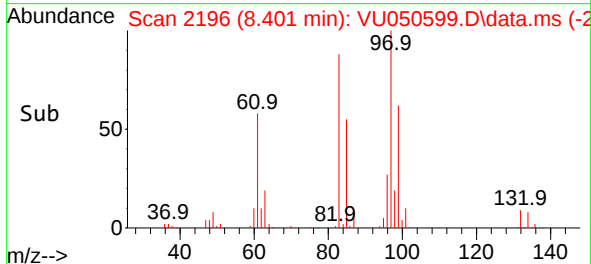
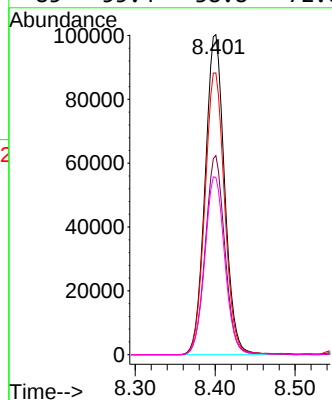
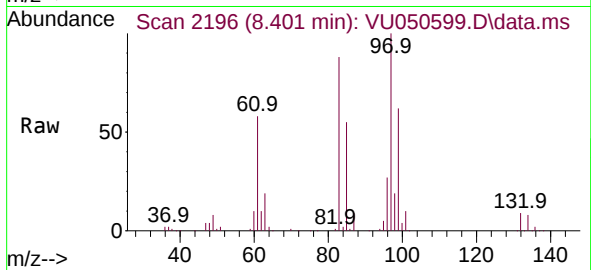


#45
1,1,2-Trichloroethane
Concen: 47.547 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

Tgt Ion: 97 Resp: 170404

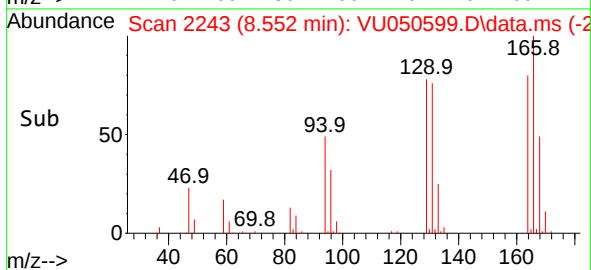
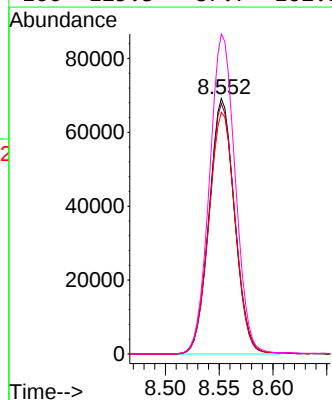
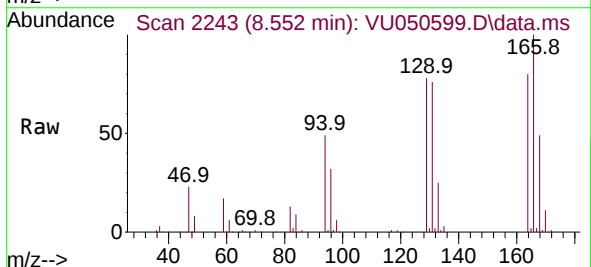
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.5	80.9
83	88.0	61.6	114.4
85	55.4	38.8	72.0

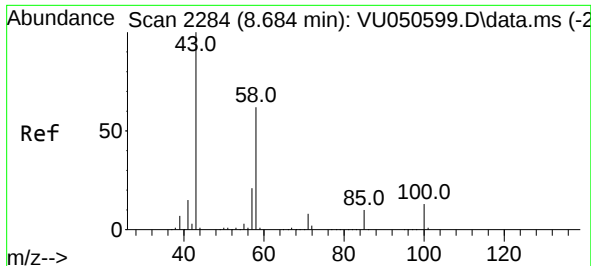


#46
Tetrachloroethene
Concen: 51.281 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 164 Resp: 114358

Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.7	127.5
131	94.6	66.2	123.0
166	125.3	87.7	162.9

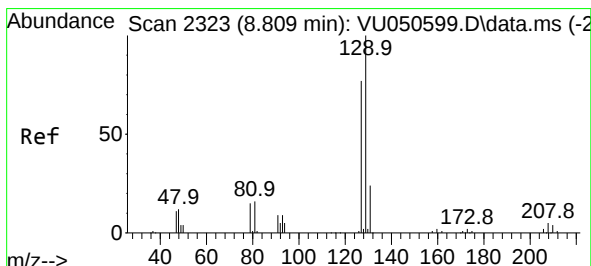
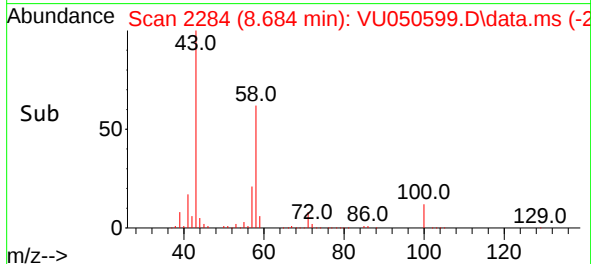
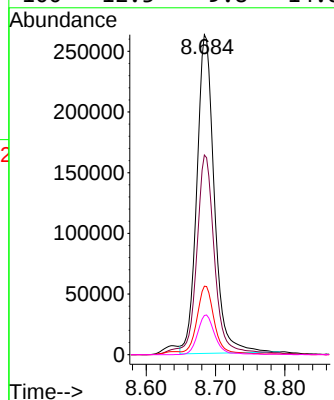
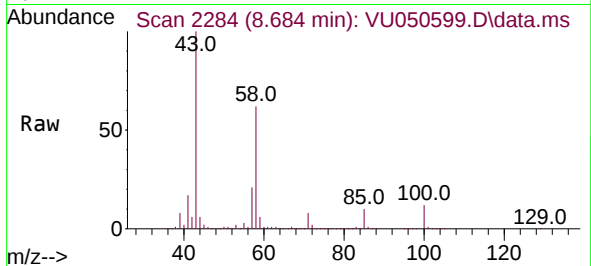




#48
2-Hexanone
Concen: 100.168 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

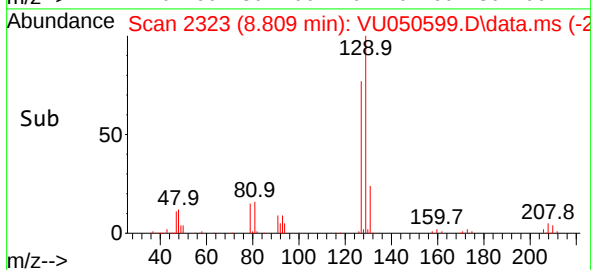
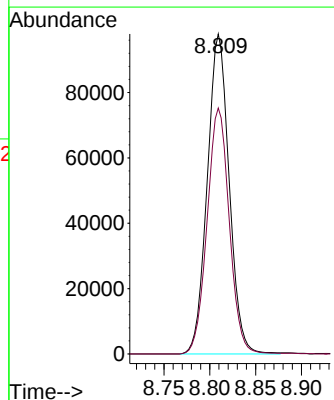
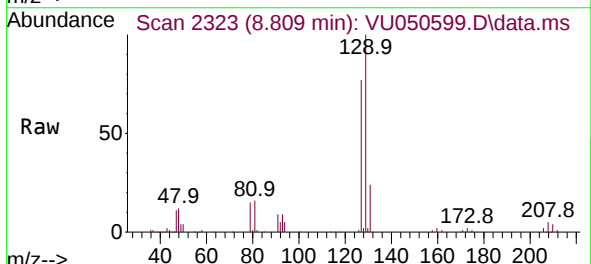
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

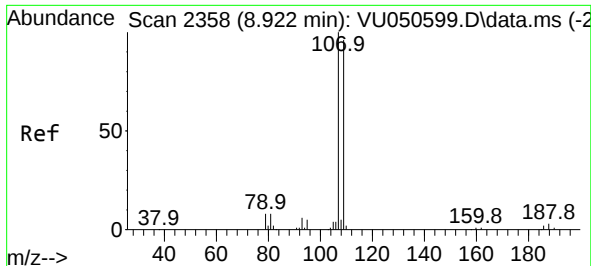
Tgt Ion: 43 Resp: 460512
Ion Ratio Lower Upper
43 100
58 64.7 51.8 77.6
57 21.2 17.0 25.4
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 51.265 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 129 Resp: 162592
Ion Ratio Lower Upper
129 100
127 76.9 53.8 100.0

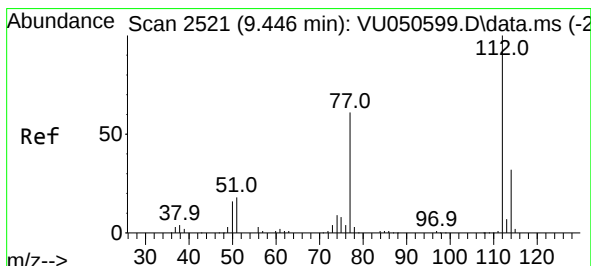
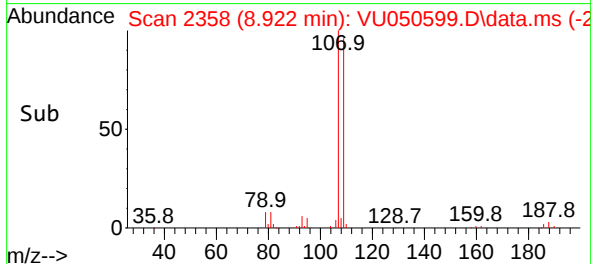
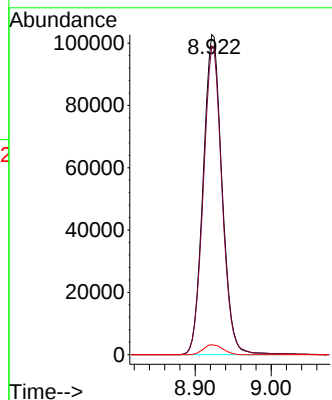
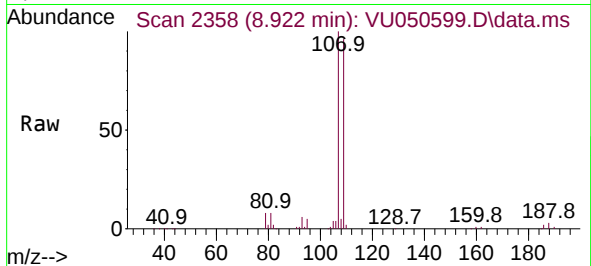




#50
1,2-Dibromoethane
Concen: 47.807 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

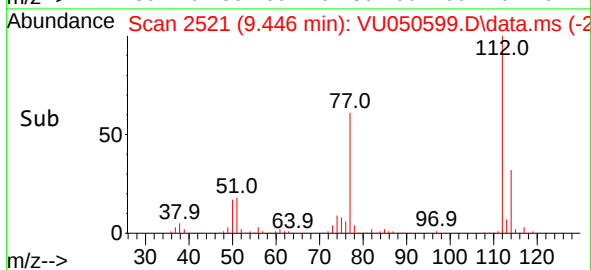
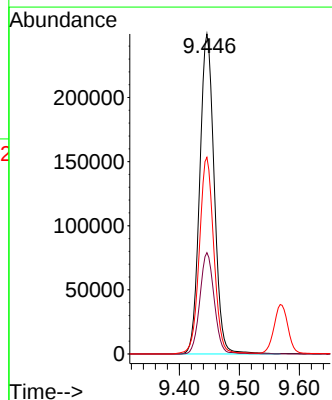
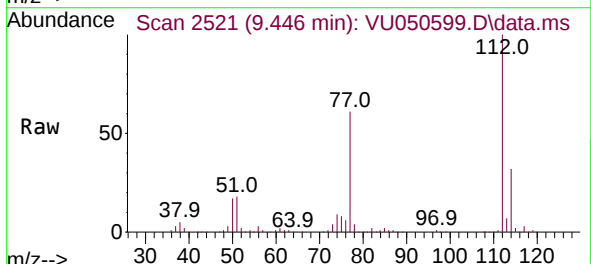
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

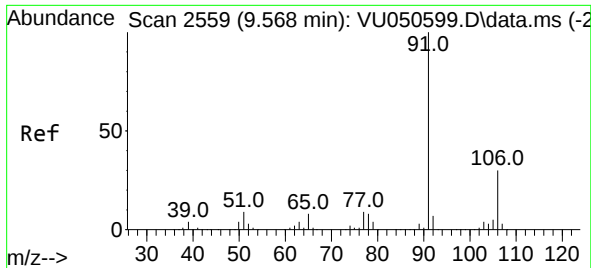
Tgt Ion:107 Resp: 177295
Ion Ratio Lower Upper
107 100
109 96.5 67.5 125.4
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 49.657 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion:112 Resp: 420338
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 61.5 49.2 73.8

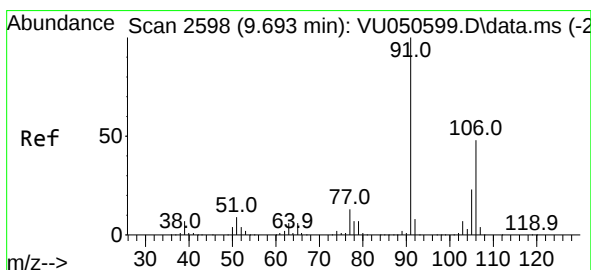
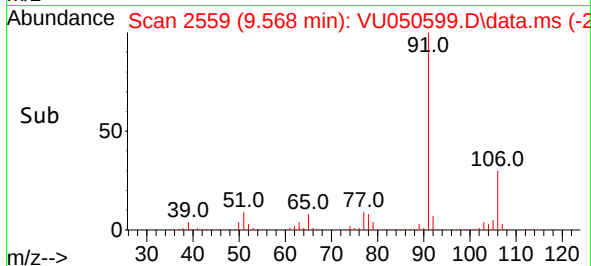
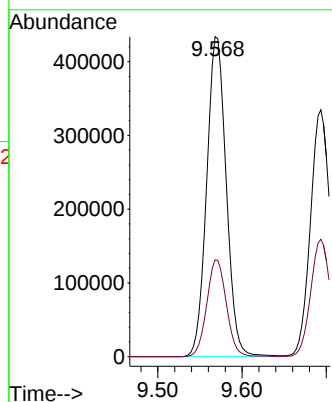
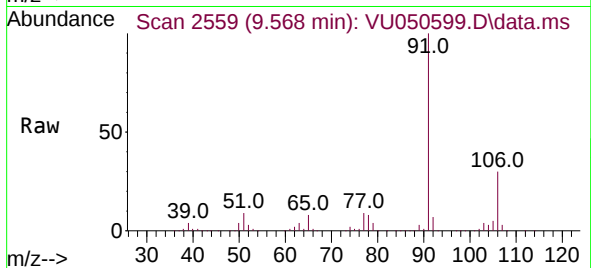




#52
Ethylbenzene
Concen: 52.757 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

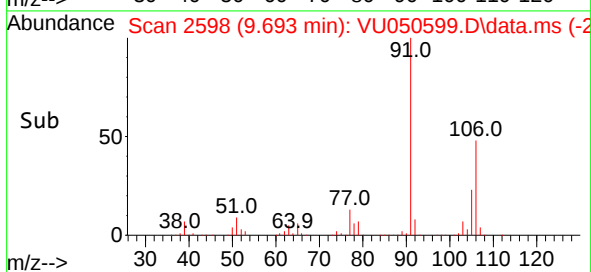
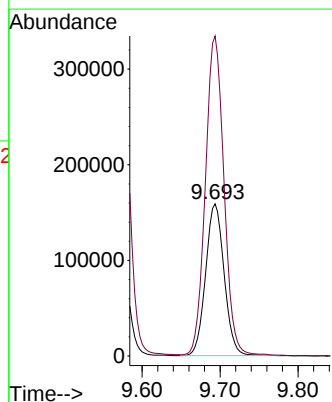
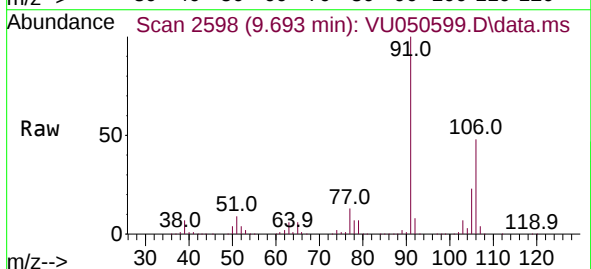
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

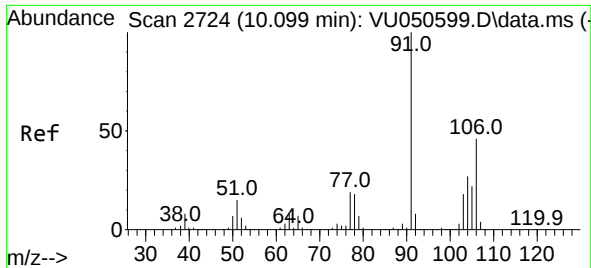
Tgt Ion: 91 Resp: 701147
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 52.517 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 106 Resp: 261869
Ion Ratio Lower Upper
106 100
91 210.2 147.1 273.3

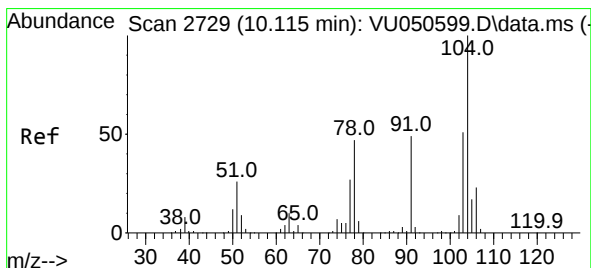
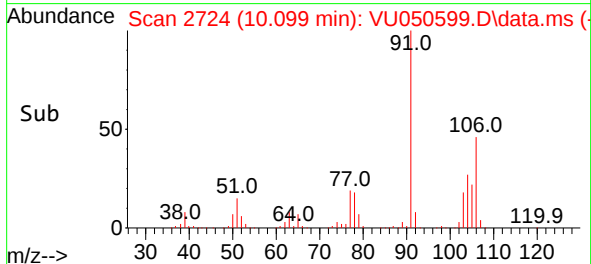
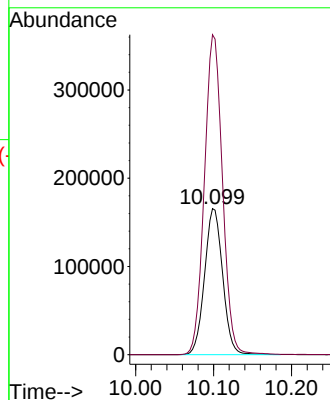
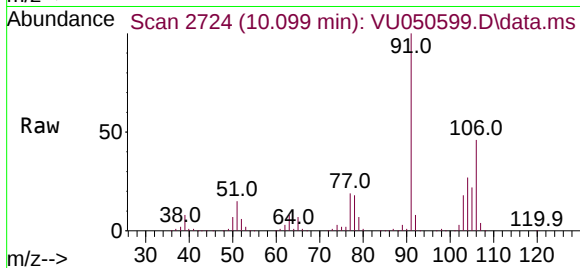




#54
o-Xylene
Concen: 52.880 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

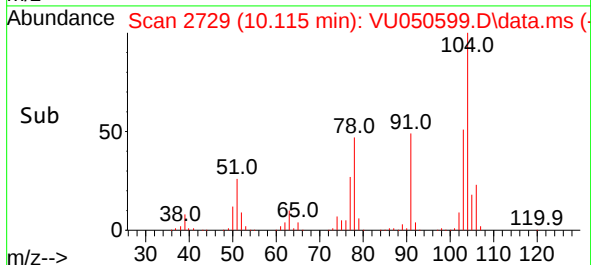
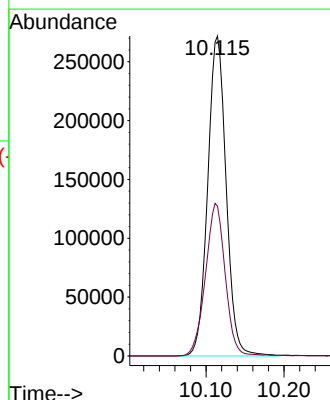
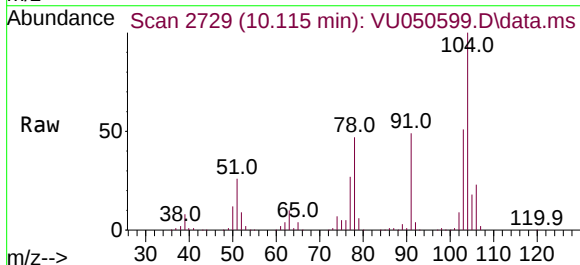
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

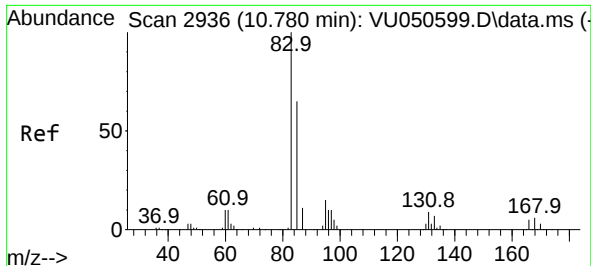
Tgt Ion:106 Resp: 266943
Ion Ratio Lower Upper
106 100
91 219.1 153.4 284.8



#55
Styrene
Concen: 53.422 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion:104 Resp: 447102
Ion Ratio Lower Upper
104 100
78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 46.126 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD050021

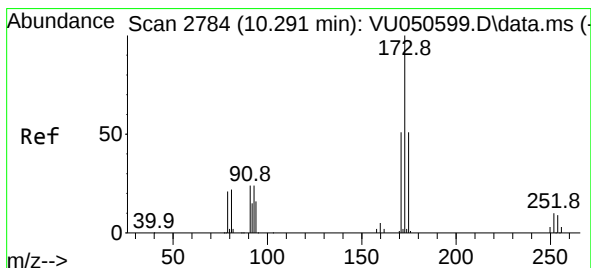
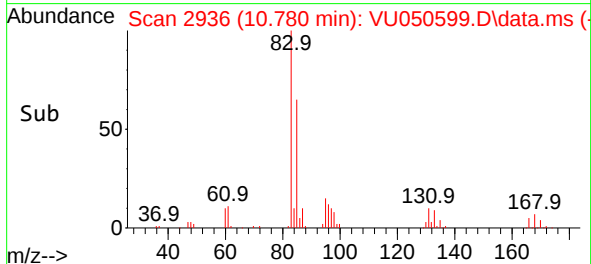
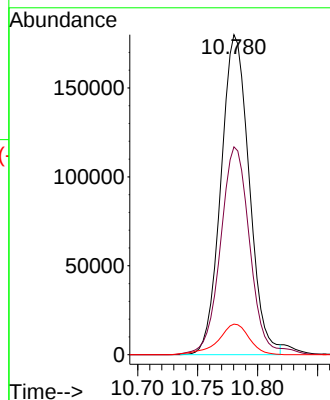
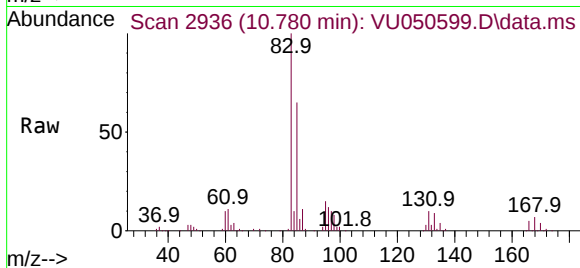
Tgt Ion: 83 Resp: 294291

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

131 9.6 7.7 11.5



#59

Bromoform

Concen: 49.952 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

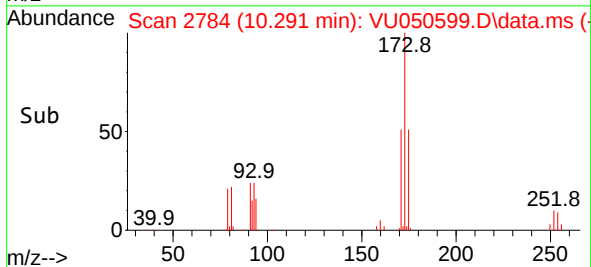
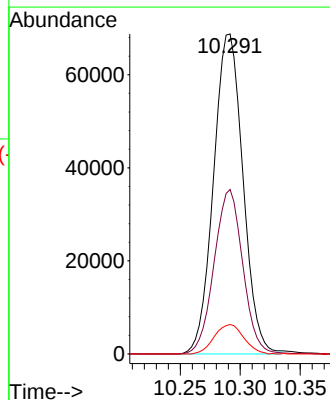
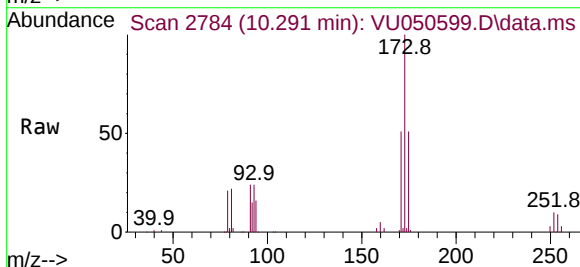
Tgt Ion: 173 Resp: 117265

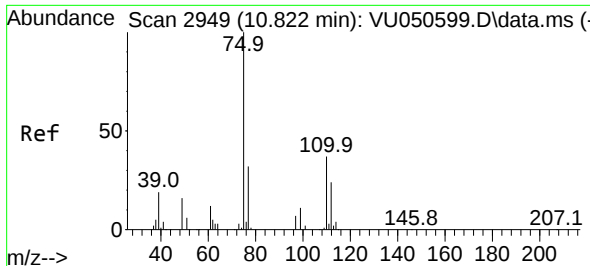
Ion Ratio Lower Upper

173 100

175 50.0 40.0 60.0

254 9.2 7.4 11.0

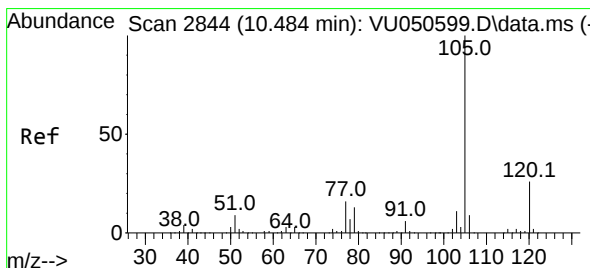
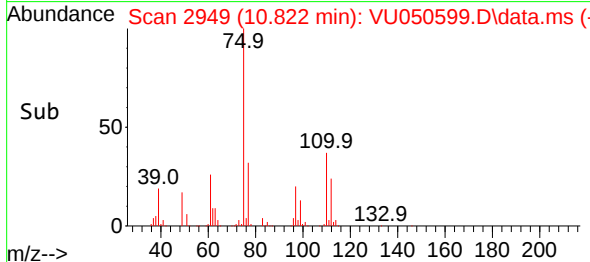
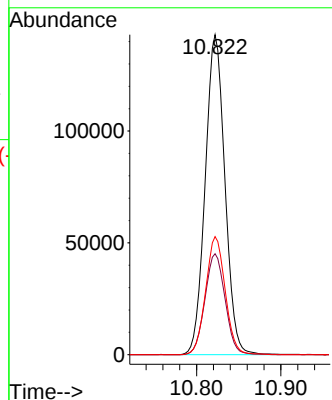
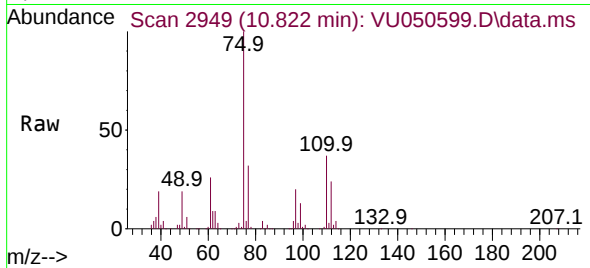




#60
1,2,3-Trichloropropane
Concen: 45.211 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

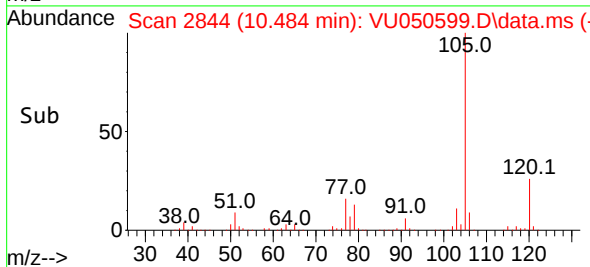
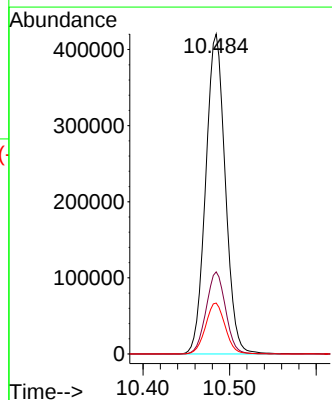
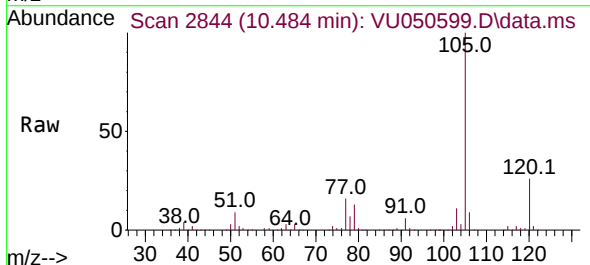
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

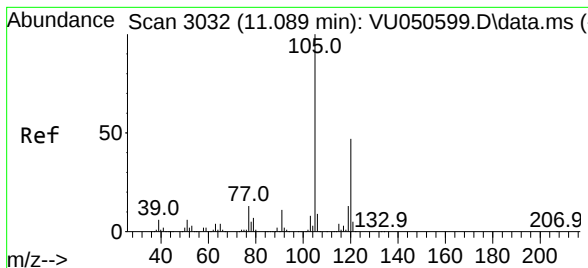
Tgt Ion: 75 Resp: 233185
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 36.6 29.3 43.9



#61
Isopropylbenzene
Concen: 52.477 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion: 105 Resp: 659326
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 16.0 12.8 19.2

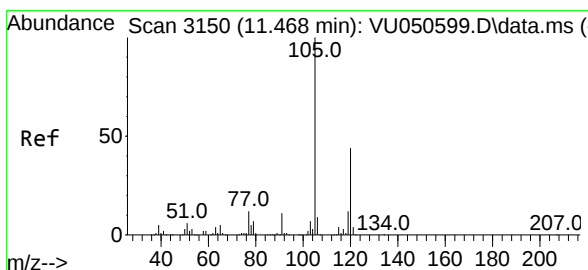
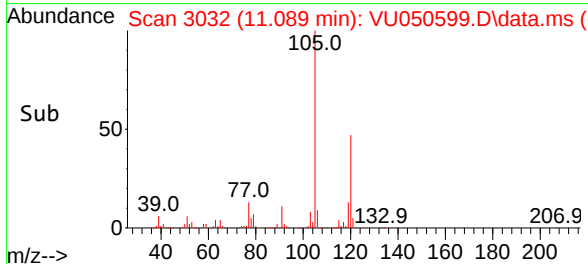
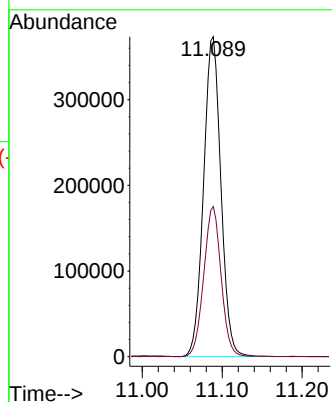
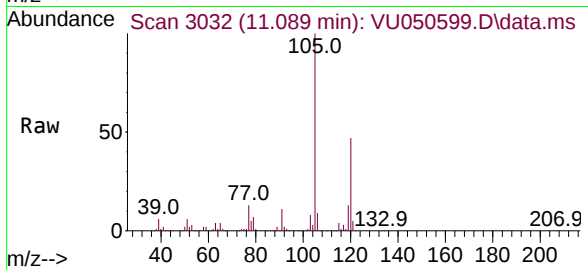




#62
 1,3,5-Trimethylbenzene
 Concen: 54.243 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

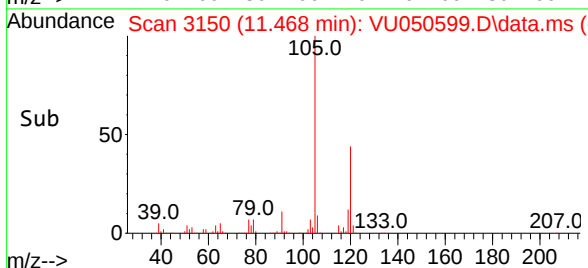
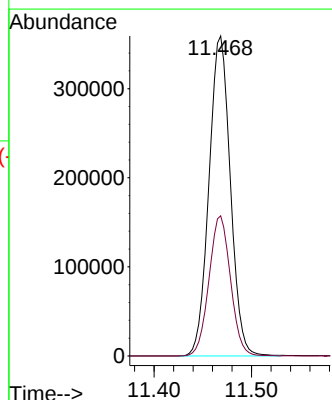
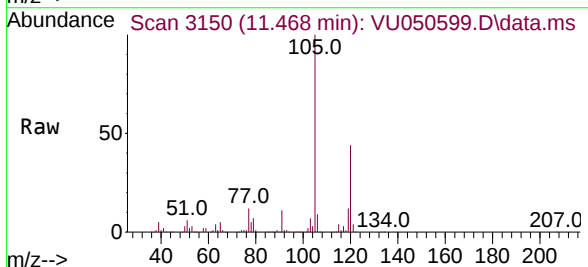
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050021

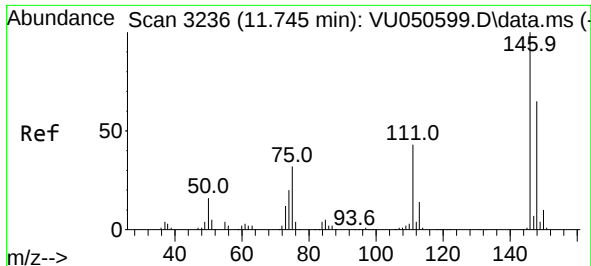
Tgt Ion:105 Resp: 564073
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 54.278 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

Tgt Ion:105 Resp: 546893
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.3 52.9

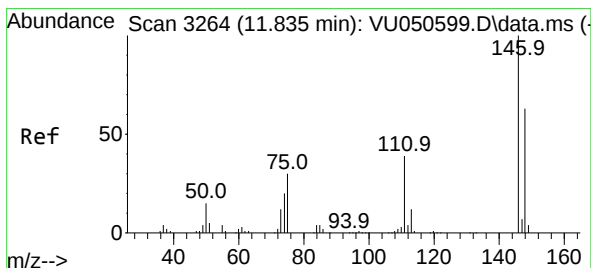
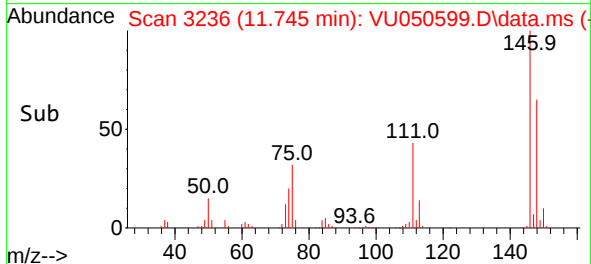
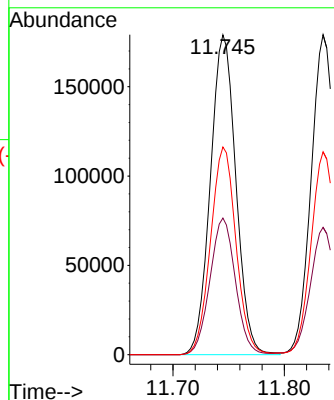
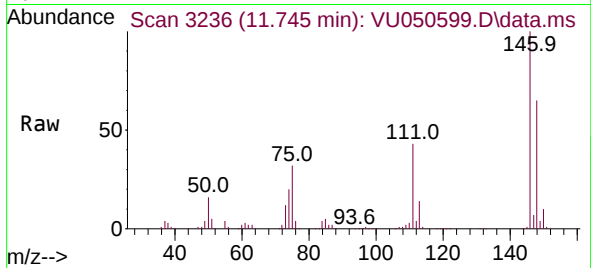




#64
1,3-Dichlorobenzene
Concen: 47.947 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

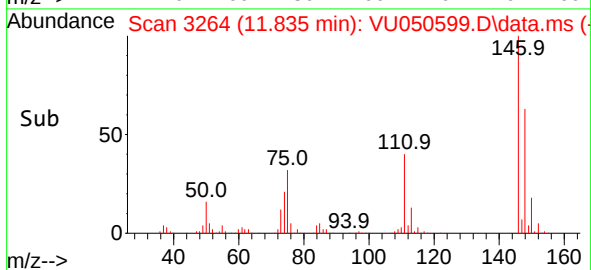
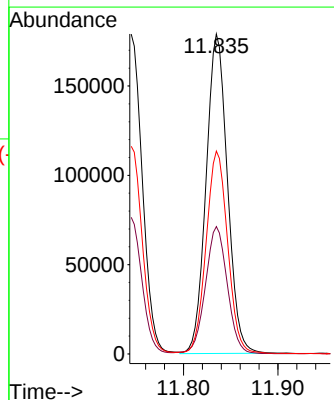
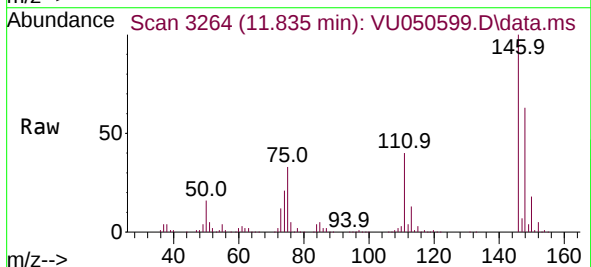
Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

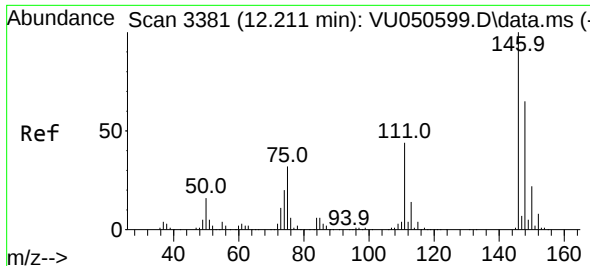
Tgt Ion:146 Resp: 284913
Ion Ratio Lower Upper
146 100
111 42.7 29.9 55.5
148 65.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.414 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion:146 Resp: 280406
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 46.400 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD050021

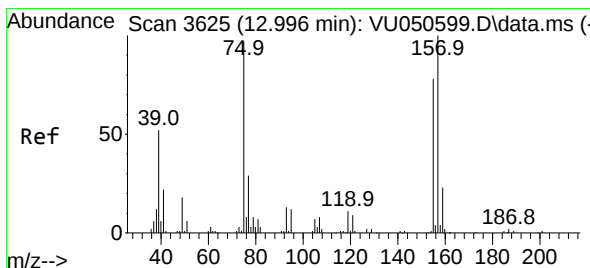
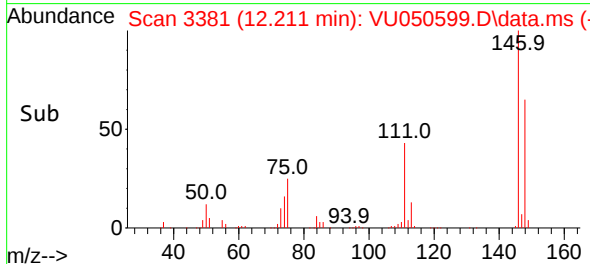
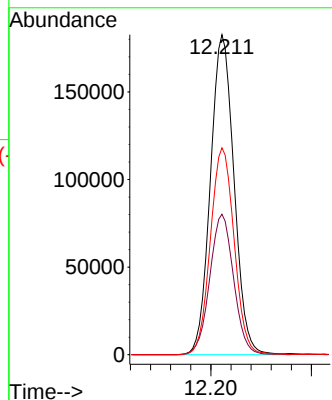
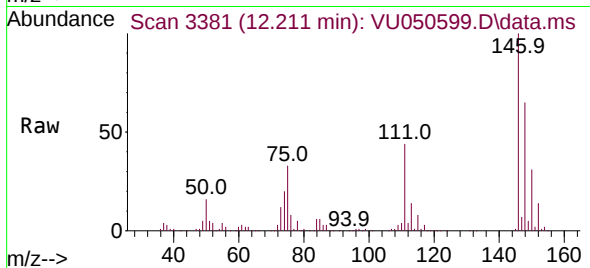
Tgt Ion:146 Resp: 297190

Ion Ratio Lower Upper

146 100

111 43.9 35.1 52.7

148 64.7 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 47.250 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050599.D

Acq: 02 Sep 2022 14:53

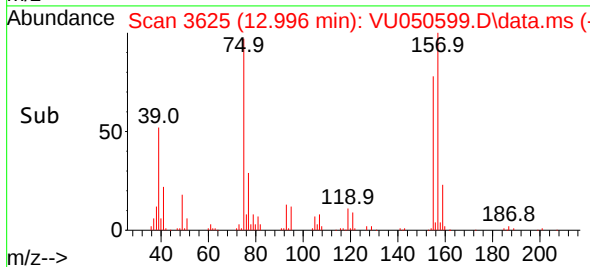
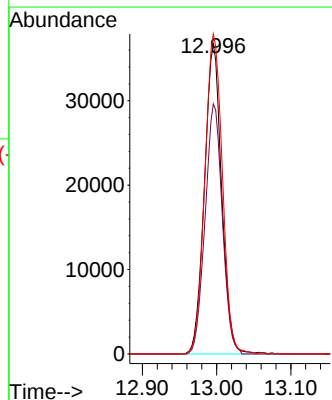
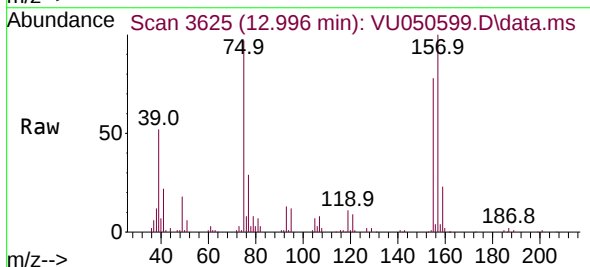
Tgt Ion: 75 Resp: 59032

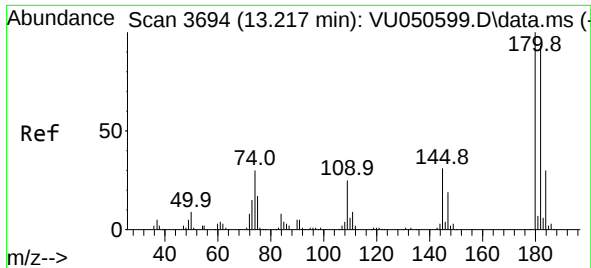
Ion Ratio Lower Upper

75 100

155 84.7 67.8 101.6

157 103.3 82.6 124.0

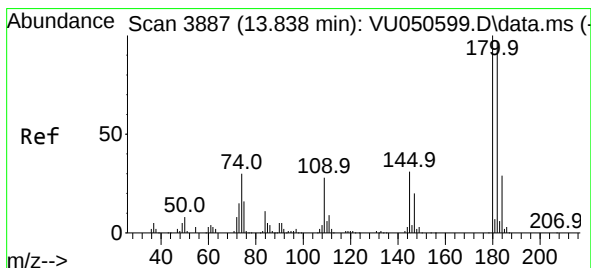
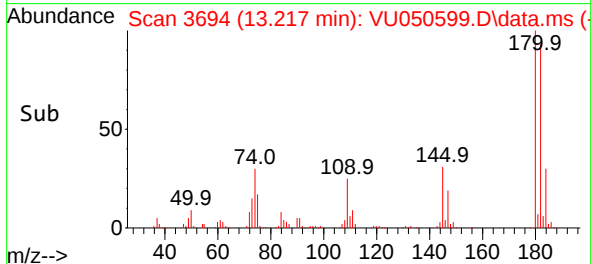
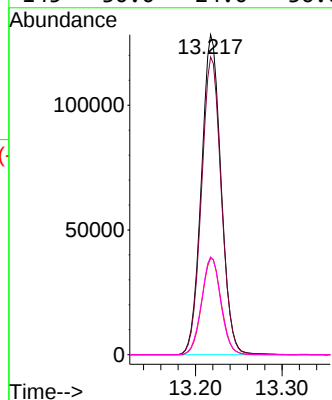
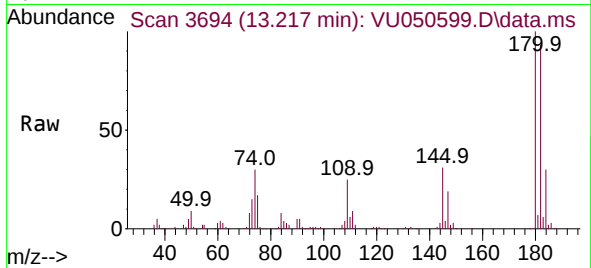




#69
 1,3,5-Trichlorobenzene
 Concen: 48.793 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

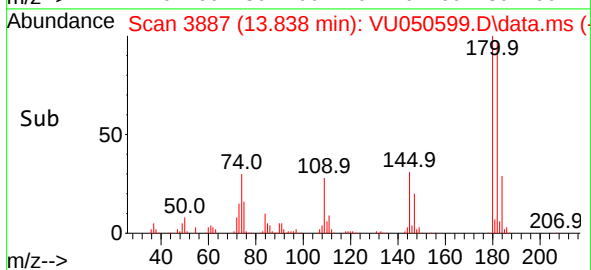
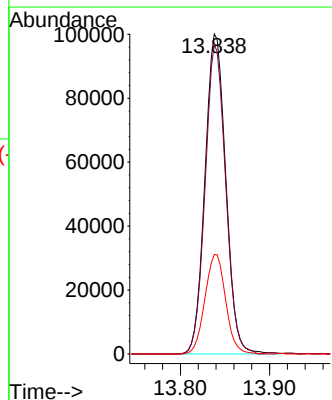
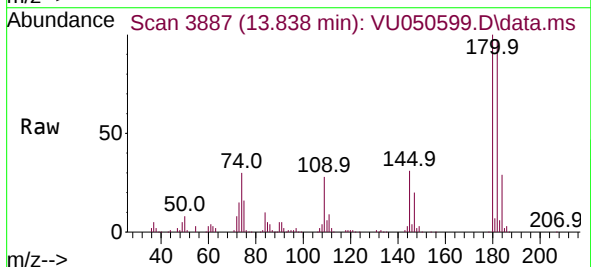
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050021

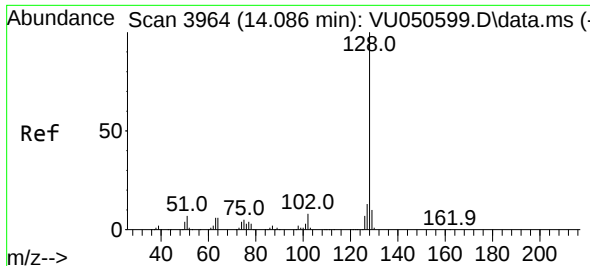
Tgt Ion:180 Resp: 202013
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.3 112.9
 184 29.8 23.8 35.8
 145 30.0 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 44.543 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050599.D
 Acq: 02 Sep 2022 14:53

Tgt Ion:180 Resp: 162619
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 30.9 24.7 37.1

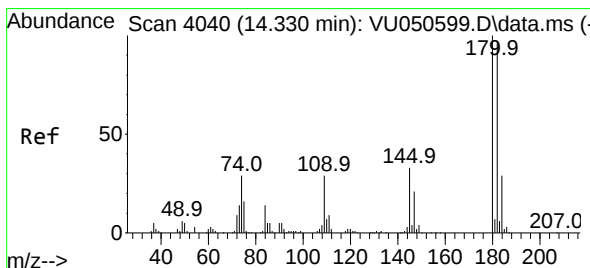
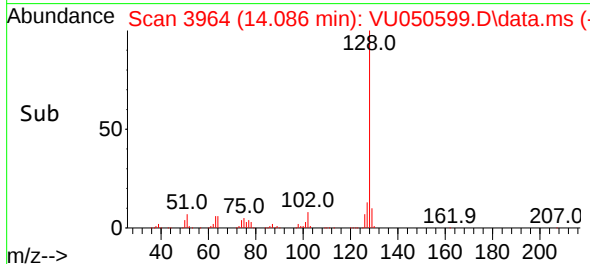
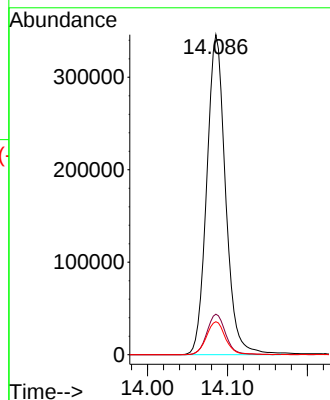
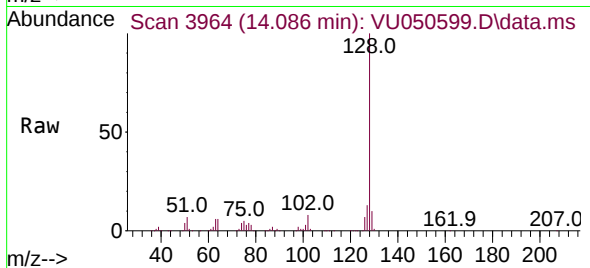




#71
Naphthalene
Concen: 38.583 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD050021

Tgt Ion:128 Resp: 566065
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.5 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 43.207 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050599.D
Acq: 02 Sep 2022 14:53

Tgt Ion:180 Resp: 180445
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 33.0 26.4 39.6

