

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092722\
 Data File : VU050968.D
 Acq On : 27 Sep 2022 19:40
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

Quant Time: Sep 28 02:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	349571	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	361694	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	193384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127899	35.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.620%
7) Chloroethane-d5	1.909	69	116085	45.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.568	63	240316	42.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	4.617	46	287224	122.839	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.840%
24) Chloroform-d	5.063	84	303945	53.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.100%
26) 1,2-Dichloroethane-d4	5.700	65	192603	55.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.120%
32) Benzene-d6	5.726	84	571289	47.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
36) 1,2-Dichloropropane-d6	6.687	67	196677	48.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	7.896	98	526350	50.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	8.179	79	86483	49.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.880%
47) 2-Hexanone-d5	8.629	63	165693	99.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.980%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	333601	54.413	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	206415	50.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	165264	45.657	ug/L	100
3) Chloromethane	1.520	50	207098	49.214	ug/L	98
5) Vinyl chloride	1.604	62	201881	49.004	ug/L	98
6) Bromomethane	1.851	94	129148	62.054	ug/L	98
8) Chloroethane	1.932	64	127190	55.762	ug/L	99
9) Trichlorofluoromethane	2.138	101	236975	53.031	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	141817	49.583	ug/L	99
12) 1,1-Dichloroethene	2.578	96	135312	50.349	ug/L	96
13) Acetone	2.620	43	199744	100.888	ug/L	100
14) Carbon disulfide	2.793	76	421377	49.584	ug/L	99
15) Methyl Acetate	2.945	43	213316	57.093	ug/L	98
16) Methylene chloride	3.044	84	193308	51.803	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	149024	54.102	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	455711	54.270	ug/L	99
19) 1,1-Dichloroethane	3.867	63	298404	53.615	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	171410	56.124	ug/L	98
22) 2-Butanone	4.697	43	311662	119.423	ug/L	100
23) Bromochloromethane	4.973	128	93117	58.174	ug/L	91
25) Chloroform	5.086	83	317193	57.185	ug/L	99

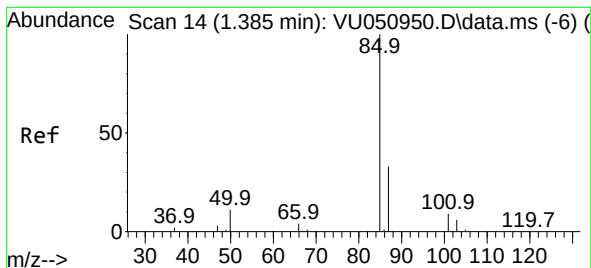
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	248641	58.985	ug/L	100
29) Cyclohexane	5.388	56	210914	42.373	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	250272	52.011	ug/L	98
31) Carbon tetrachloride	5.523	117	200863	50.248	ug/L	99
33) Benzene	5.774	78	702925	52.808	ug/L	100
34) Trichloroethene	6.539	95	166390	53.814	ug/L	98
35) Methylcyclohexane	6.761	83	216787	43.514	ug/L	99
37) 1,2-Dichloropropane	6.790	63	193273	53.062	ug/L	99
38) Bromodichloromethane	7.105	83	239710	55.236	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	249347	51.157	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	569838	113.519	ug/L	99
42) Toluene	7.967	91	739671	55.976	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	250151	53.950	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	188062	56.027	ug/L	98
46) Tetrachloroethene	8.552	164	119391	53.733	ug/L	97
48) 2-Hexanone	8.681	43	493627	117.684	ug/L	99
49) Dibromochloromethane	8.806	129	187711	57.033	ug/L	100
50) 1,2-Dibromoethane	8.922	107	194166	55.753	ug/L	99
51) Chlorobenzene	9.446	112	437796	54.269	ug/L	98
52) Ethylbenzene	9.568	91	705798	53.541	ug/L	99
53) m,p-Xylene	9.690	106	279294	56.987	ug/L	100
54) o-Xylene	10.099	106	272174	55.737	ug/L	100
55) Styrene	10.112	104	492930	58.876	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	331189	53.322	ug/L	99
59) Bromoform	10.288	173	142000	50.874	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	264304	48.590	ug/L	99
61) Isopropylbenzene	10.481	105	678044	49.062	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	561641	49.437	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	576706	51.259	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	327596	51.836	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	332671	51.850	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	348108	52.021	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	79881	53.395	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	222670	50.358	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	182818	50.522	ug/L	99
71) Naphthalene	14.086	128	681581	49.010	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	211252	52.162	ug/L	100

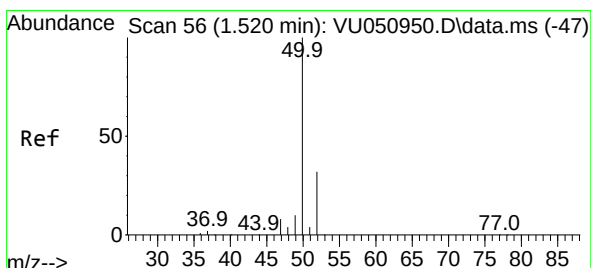
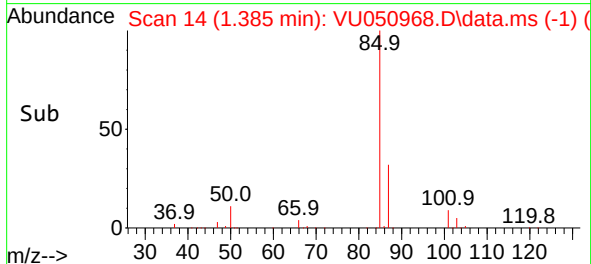
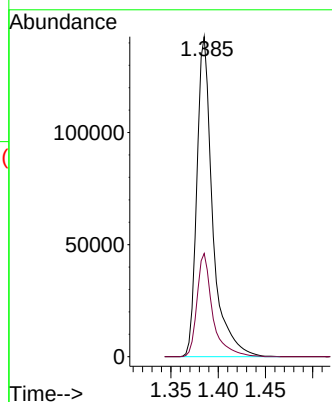
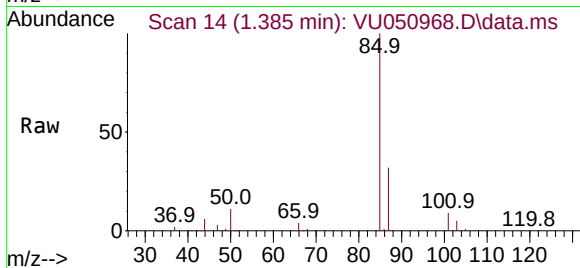
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#2
Dichlorodifluoromethane
Concen: 45.657 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

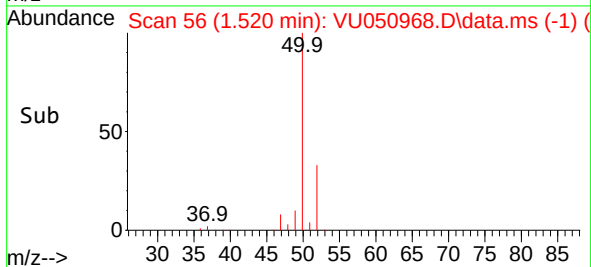
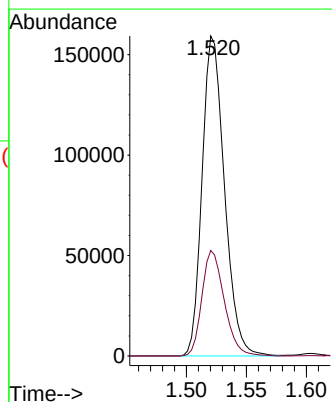
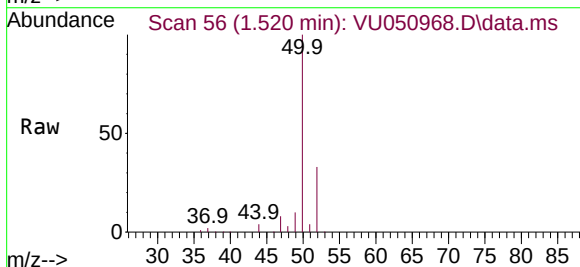
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

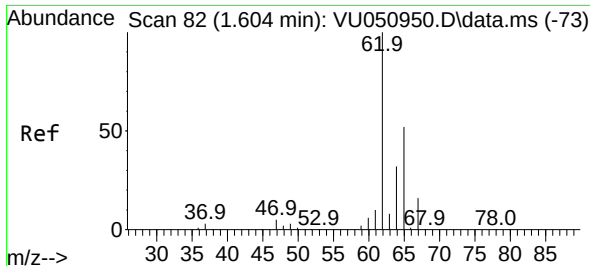
Tgt Ion: 85 Resp: 165264
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 49.214 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 50 Resp: 207098
Ion Ratio Lower Upper
50 100
52 32.9 23.7 43.9

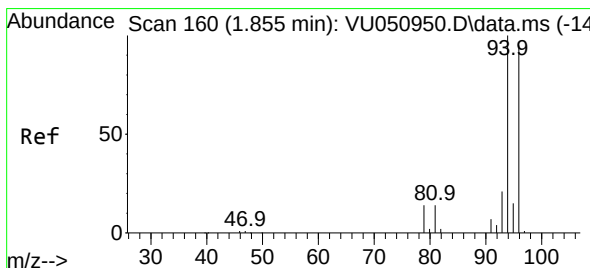
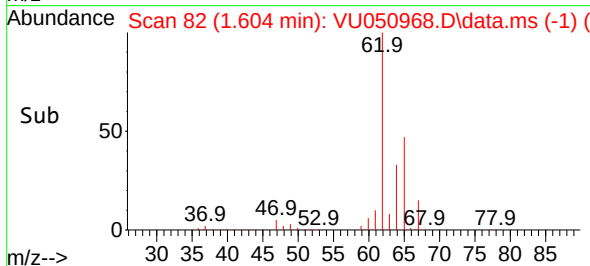
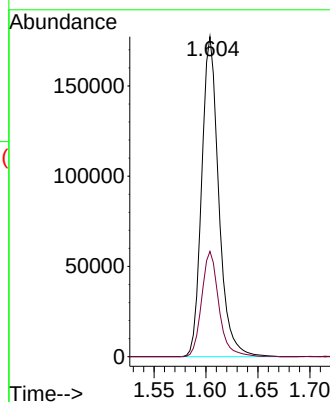
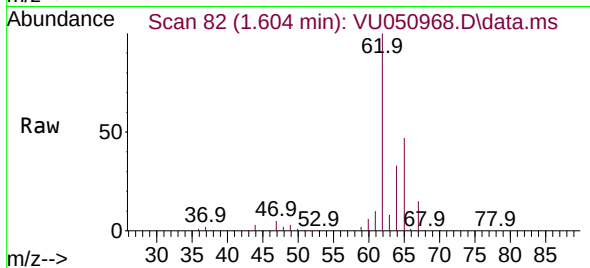




#5
 Vinyl chloride
 Concen: 49.004 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

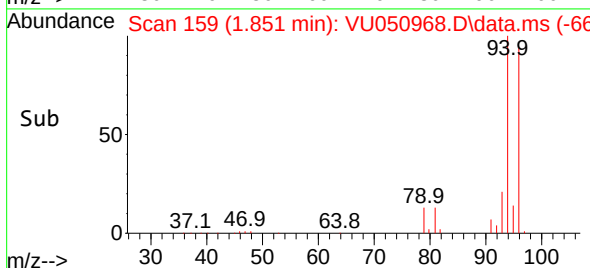
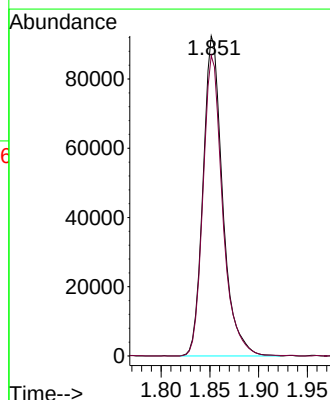
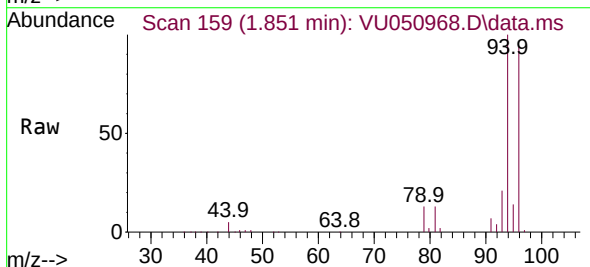
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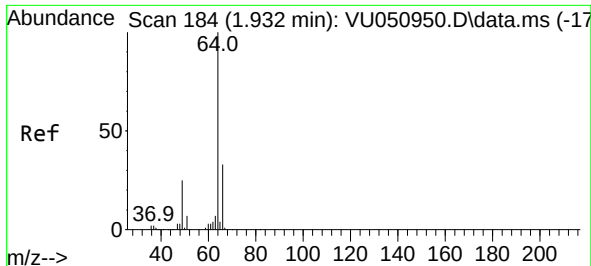
Tgt Ion: 62 Resp: 201881
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.2 41.2



#6
 Bromomethane
 Concen: 62.054 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

Tgt Ion: 94 Resp: 129148
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.0 119.0

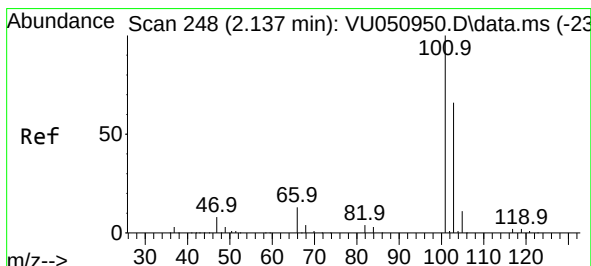
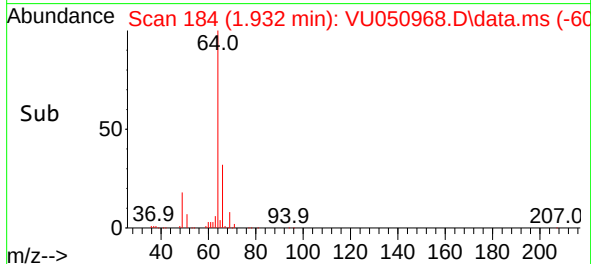
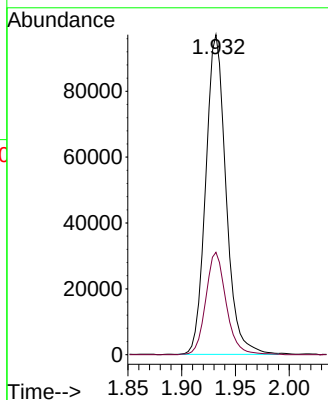
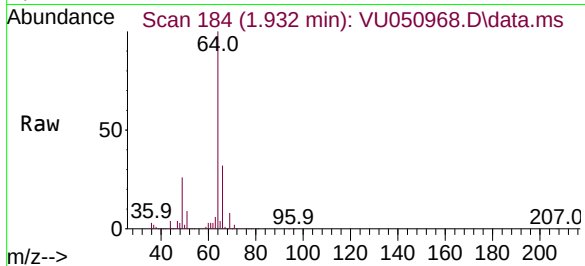




#8
Chloroethane
Concen: 55.762 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

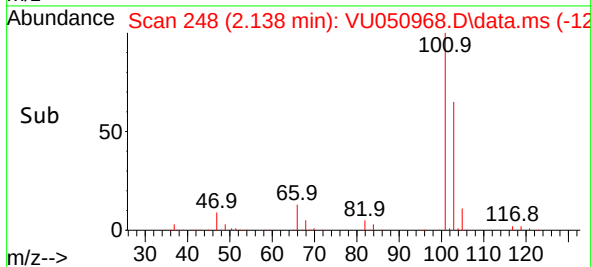
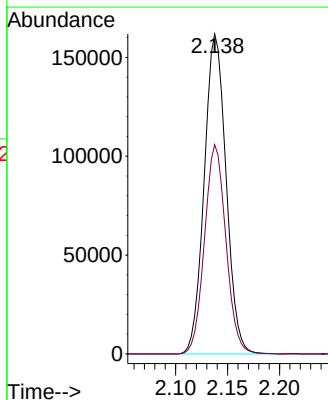
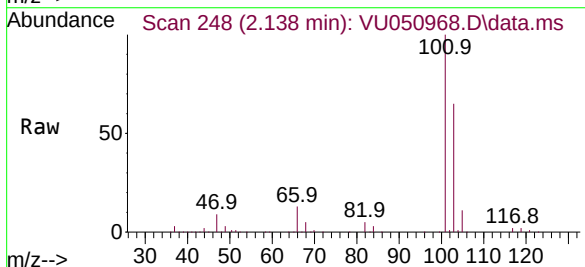
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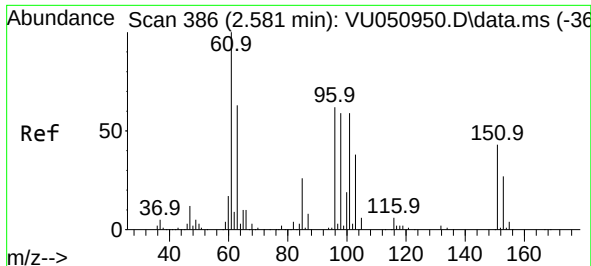
Tgt Ion: 64 Resp: 127190
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 53.031 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:101 Resp: 236975
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

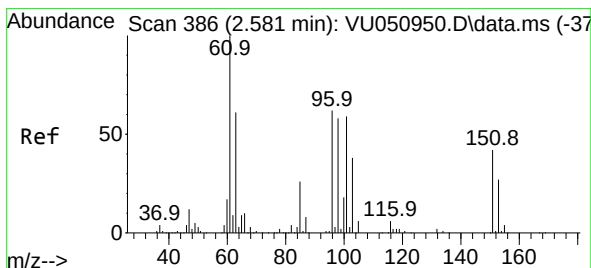
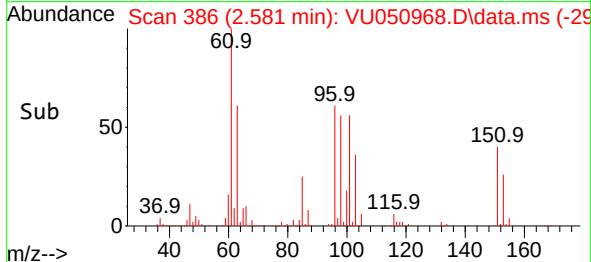
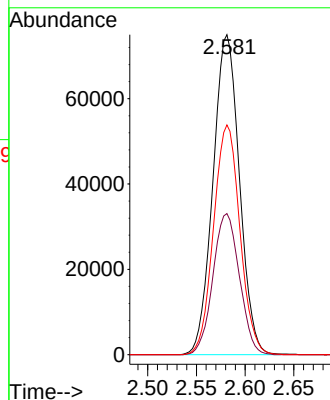
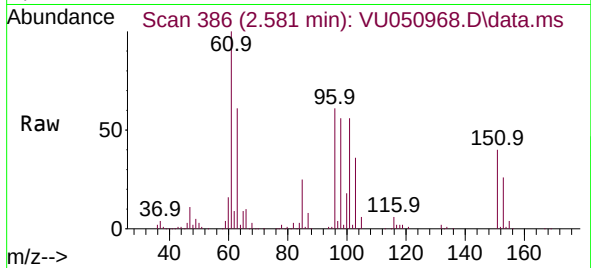




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.583 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

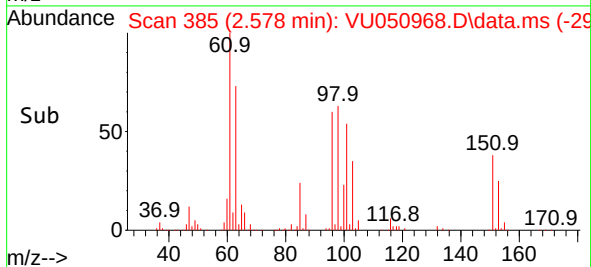
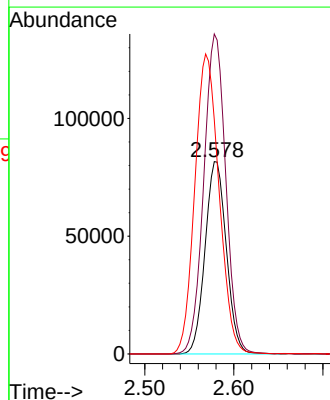
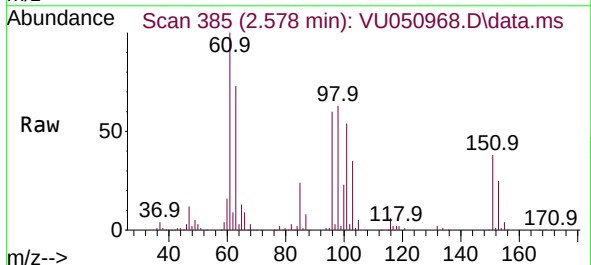
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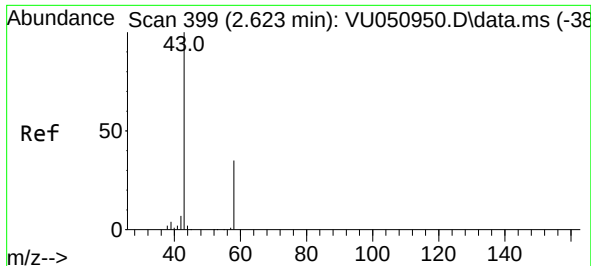
Tgt Ion:101 Resp: 141817
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.1 52.7
 151 71.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 50.349 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

Tgt Ion: 96 Resp: 135312
 Ion Ratio Lower Upper
 96 100
 61 166.4 118.6 220.2
 63 121.9 90.4 168.0





#13

Acetone

Concen: 100.888 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

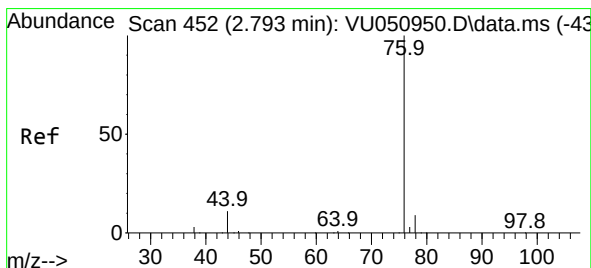
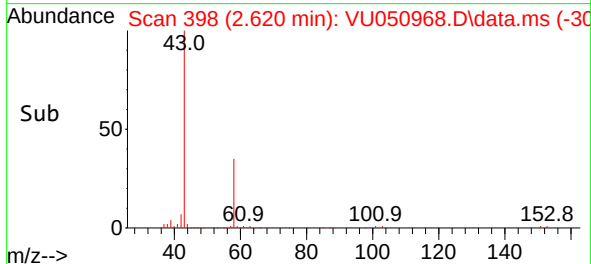
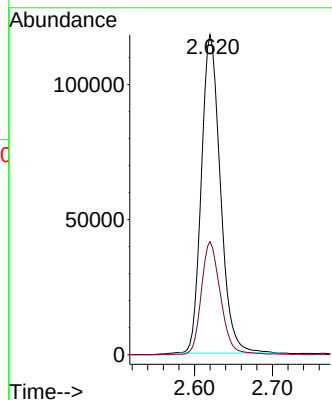
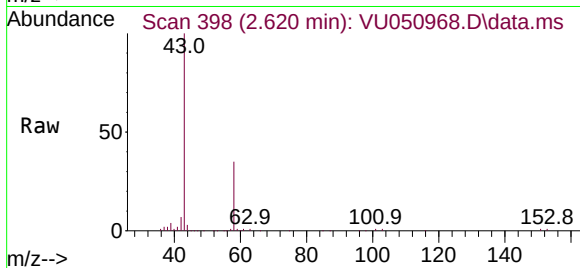
VSTD050098

Tgt Ion: 43 Resp: 199744

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.4



#14

Carbon disulfide

Concen: 49.584 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU050968.D

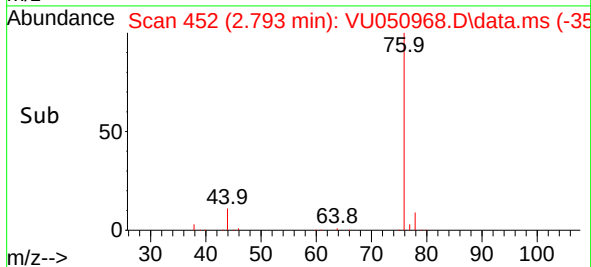
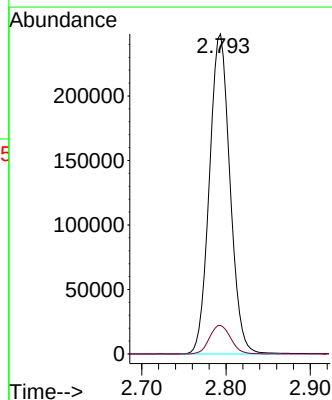
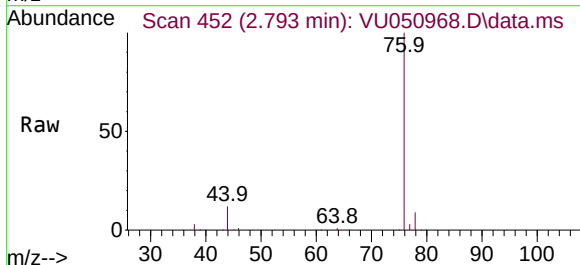
Acq: 27 Sep 2022 19:40

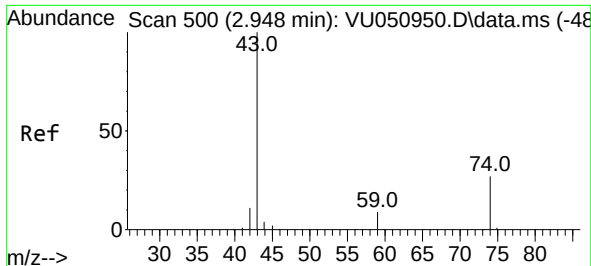
Tgt Ion: 76 Resp: 421377

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

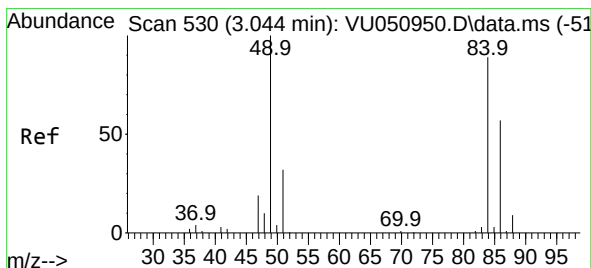
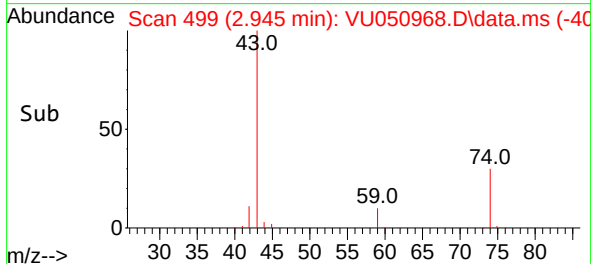
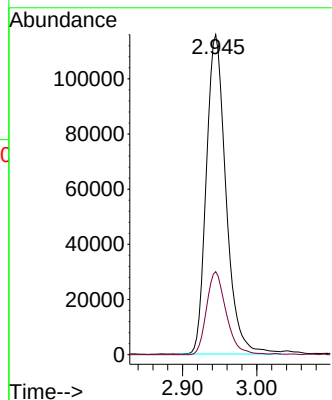
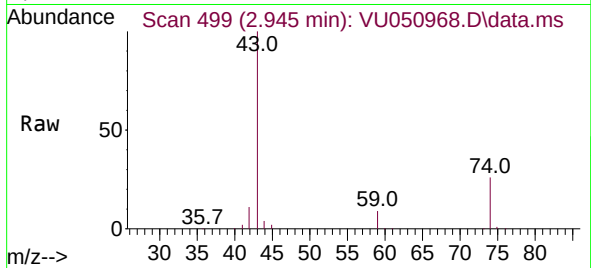




#15
Methyl Acetate
Concen: 57.093 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

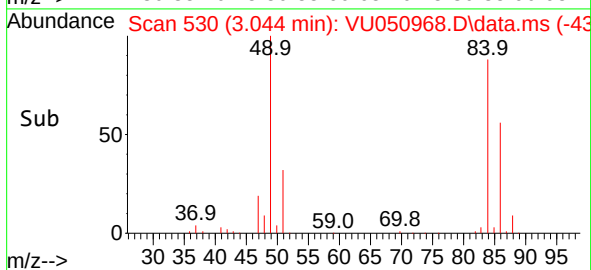
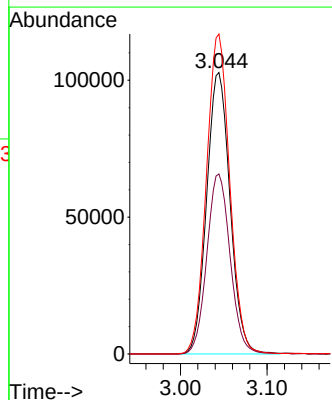
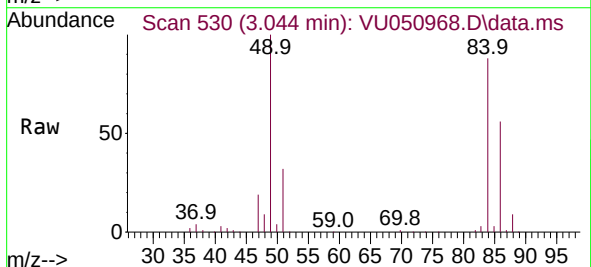
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

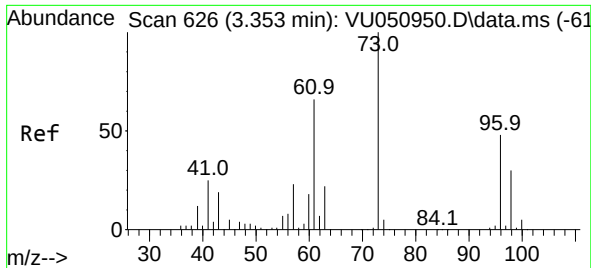
Tgt Ion: 43 Resp: 213316
Ion Ratio Lower Upper
43 100
74 25.9 19.9 29.9



#16
Methylene chloride
Concen: 51.803 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 84 Resp: 193308
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.5
49 113.7 83.3 154.7

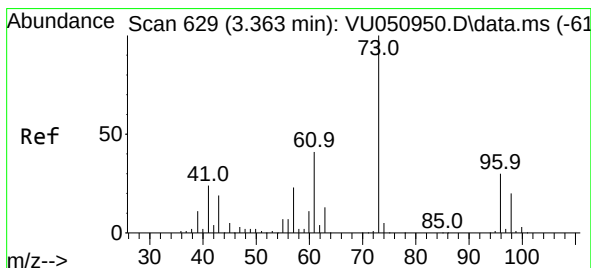
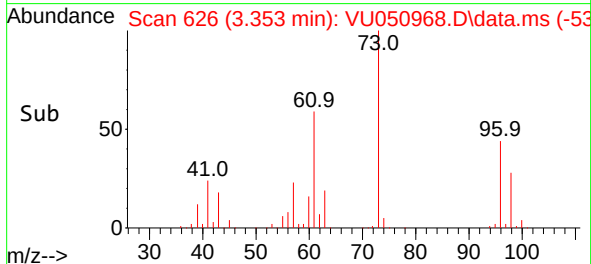
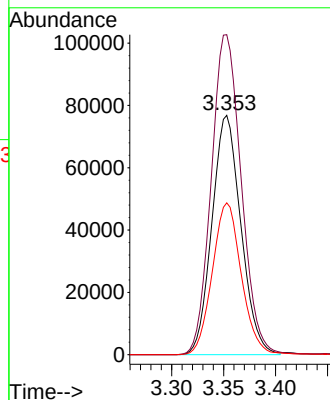
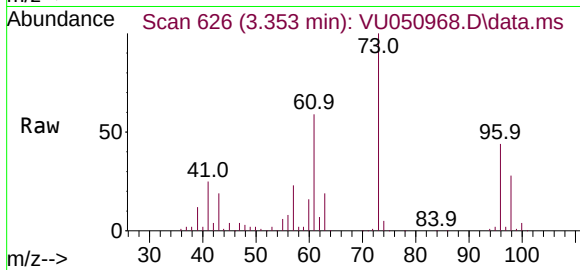




#17
trans-1,2-Dichloroethene
Concen: 54.102 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

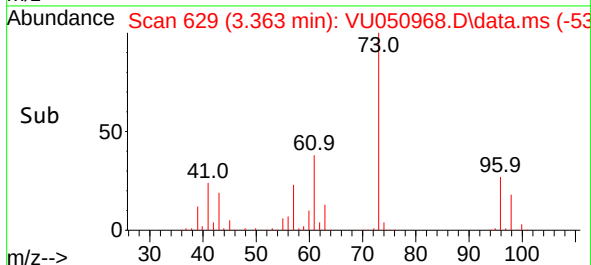
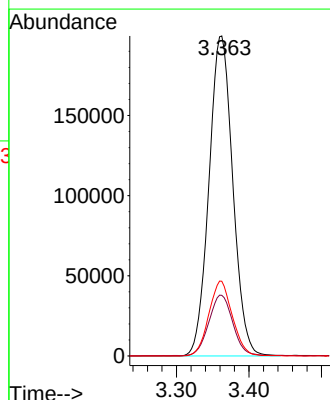
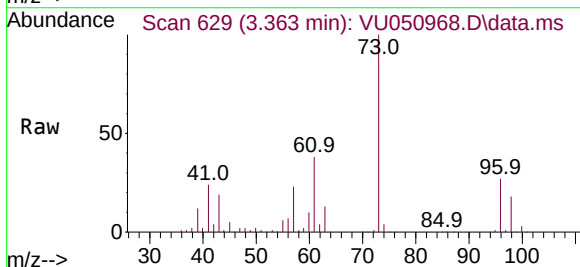
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

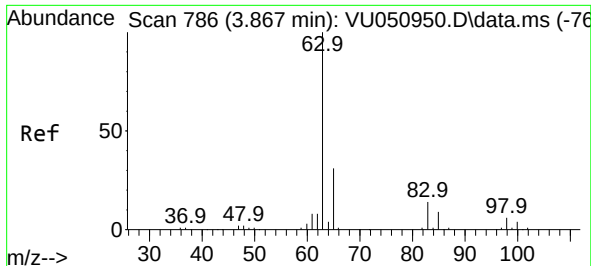
Tgt Ion: 96 Resp: 149024
Ion Ratio Lower Upper
96 100
61 133.7 98.0 182.0
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 54.270 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 73 Resp: 455711
Ion Ratio Lower Upper
73 100
43 19.1 14.4 21.6
57 23.0 18.6 27.8

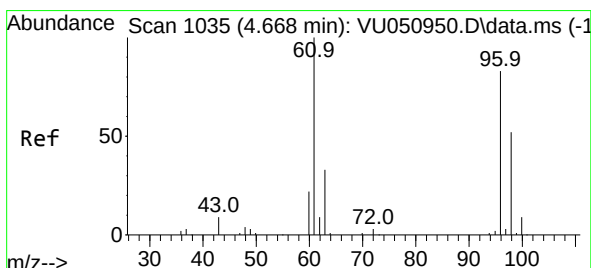
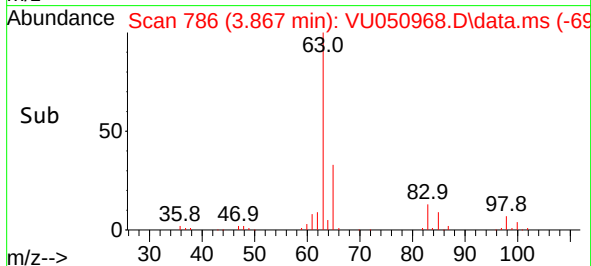
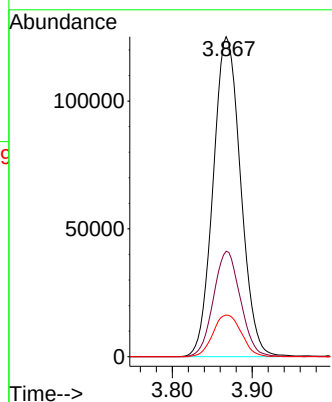
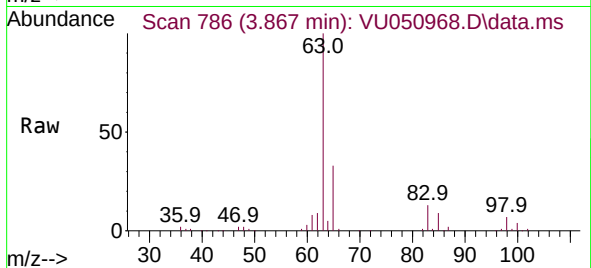




#19
1,1-Dichloroethane
Concen: 53.615 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

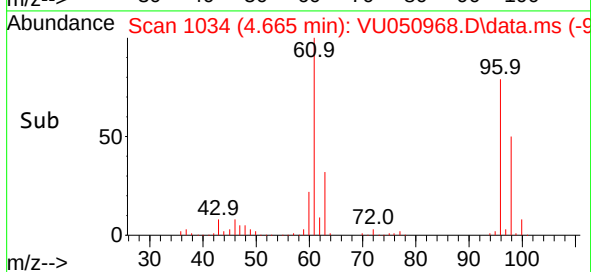
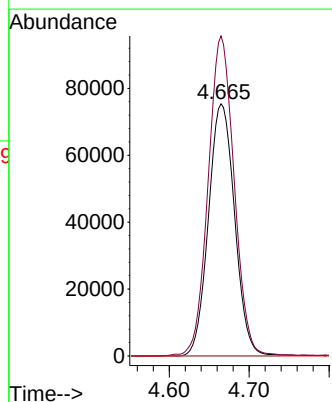
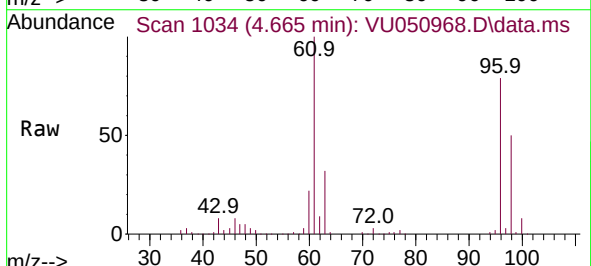
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

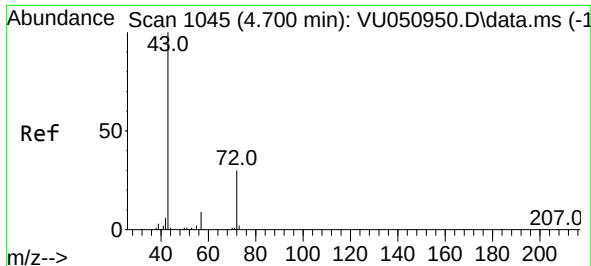
Tgt Ion: 63 Resp: 298404
Ion Ratio Lower Upper
63 100
65 32.9 21.5 39.9
83 13.0 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 56.124 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 96 Resp: 171410
Ion Ratio Lower Upper
96 100
61 126.9 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 119.423 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

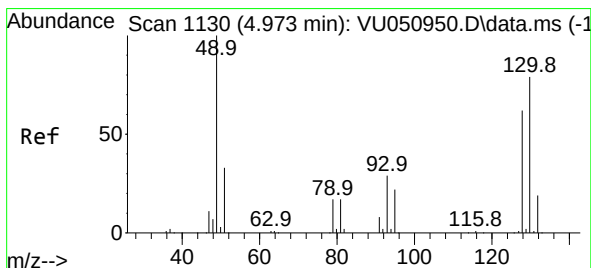
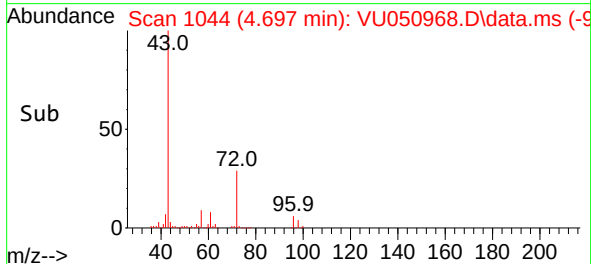
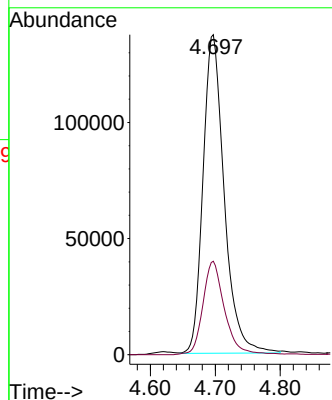
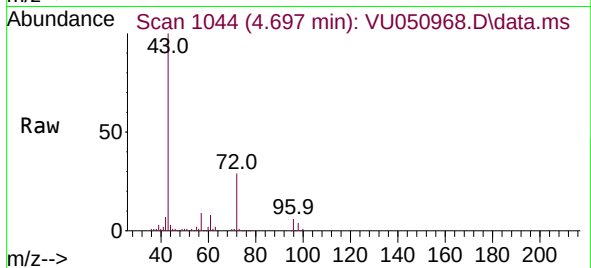
VSTD050098

Tgt Ion: 43 Resp: 311662

Ion Ratio Lower Upper

43 100

72 29.7 14.8 44.3



#23

Bromochloromethane

Concen: 58.174 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Tgt Ion: 128 Resp: 93117

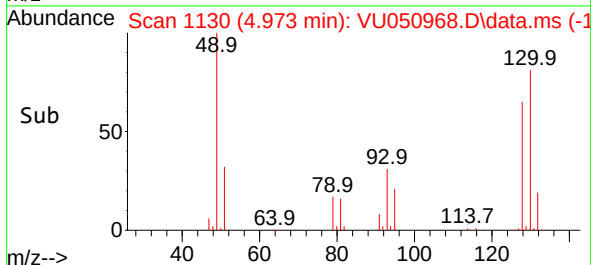
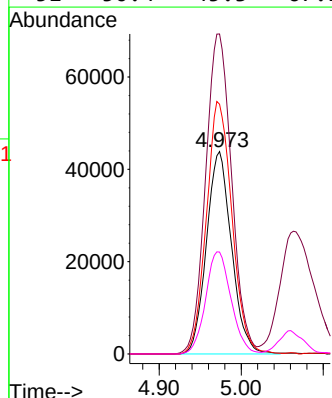
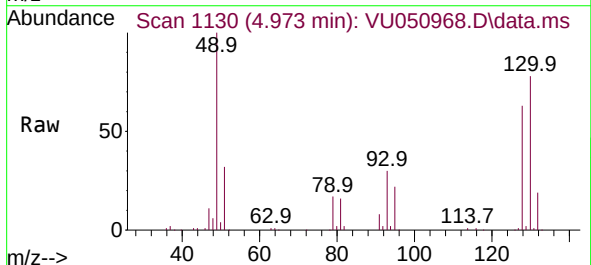
Ion Ratio Lower Upper

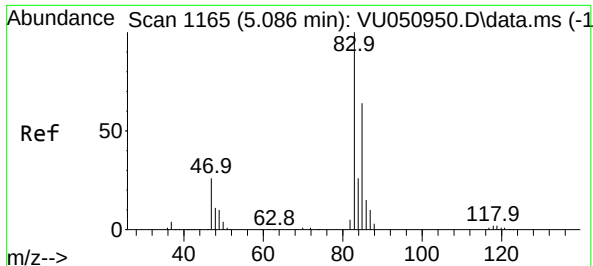
128 100

49 158.2 123.1 228.5

130 123.4 90.9 168.7

51 50.4 45.3 67.9





#25

Chloroform

Concen: 57.185 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

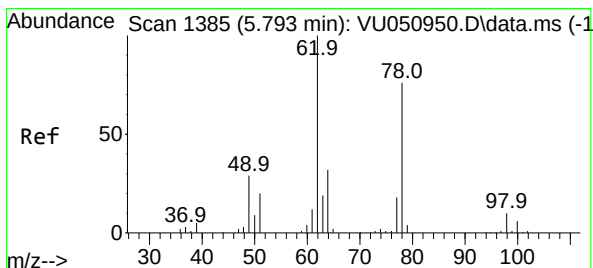
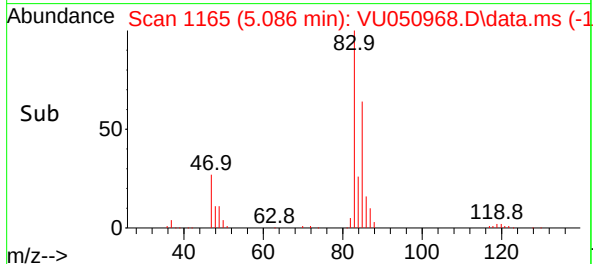
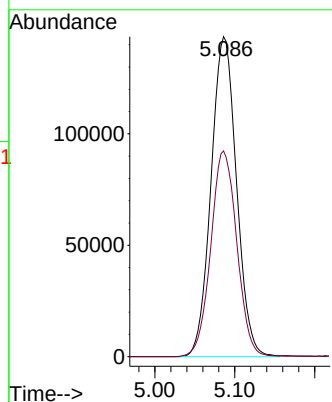
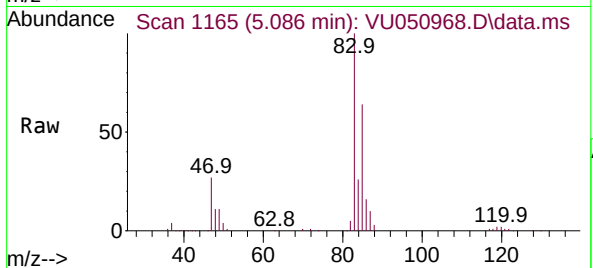
VSTD050098

Tgt Ion: 83 Resp: 317193

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 58.985 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050968.D

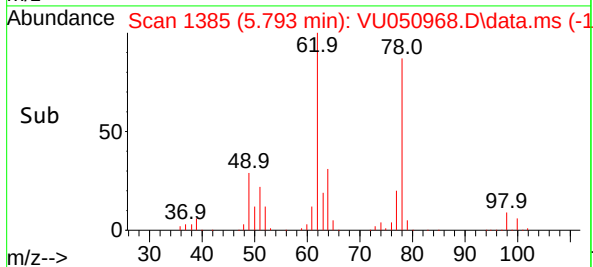
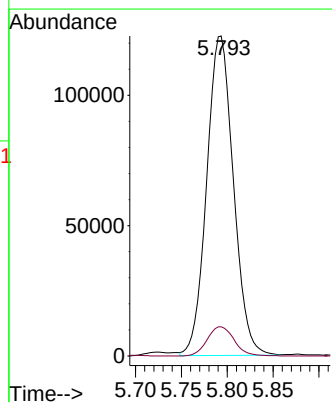
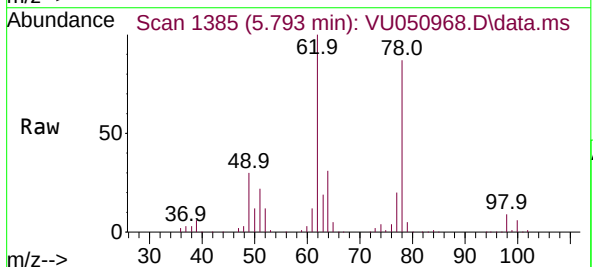
Acq: 27 Sep 2022 19:40

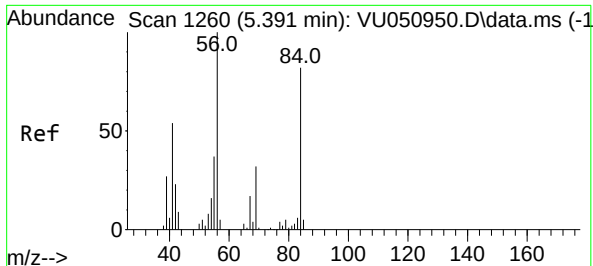
Tgt Ion: 62 Resp: 248641

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 42.373 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050098

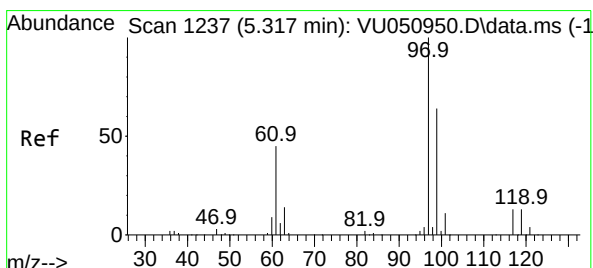
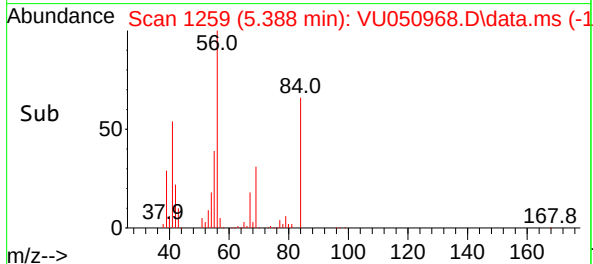
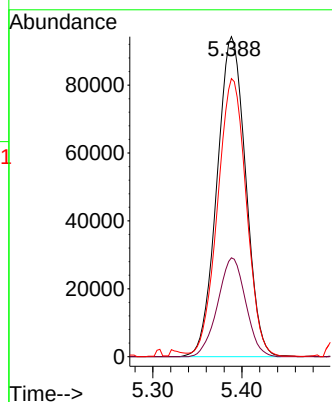
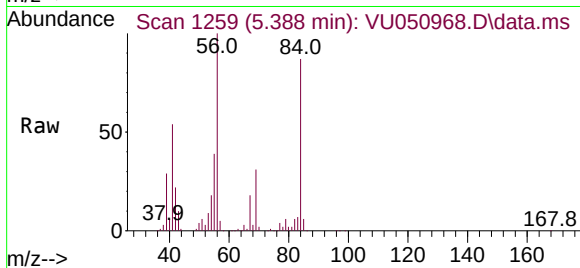
Tgt Ion: 56 Resp: 210914

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 86.9 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 52.011 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

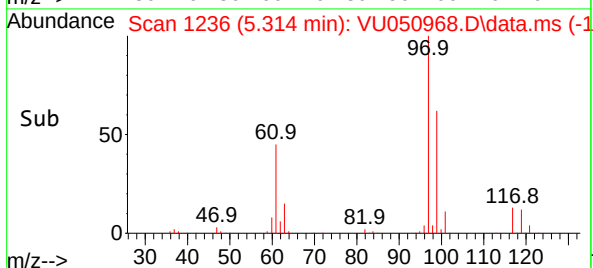
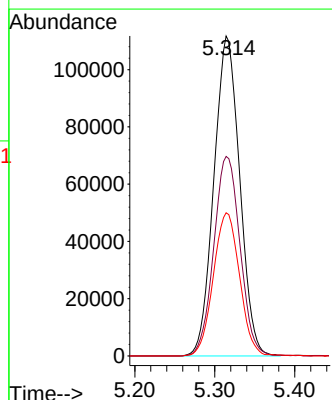
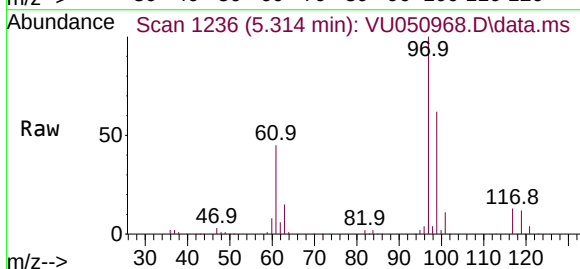
Tgt Ion: 97 Resp: 250272

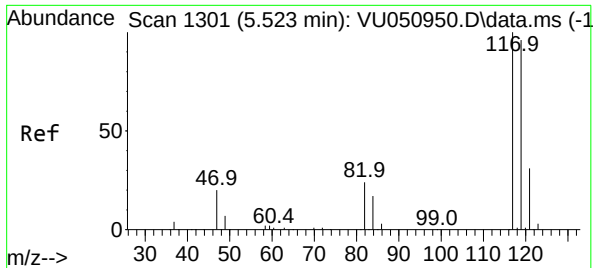
Ion Ratio Lower Upper

97 100

99 63.5 52.2 78.2

61 45.4 37.1 55.7

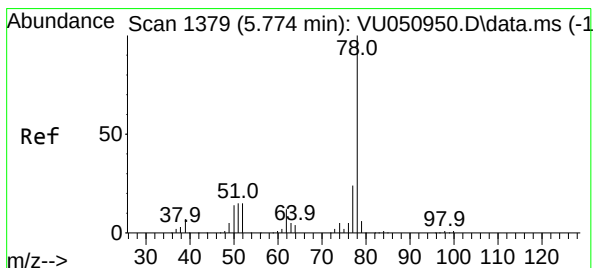
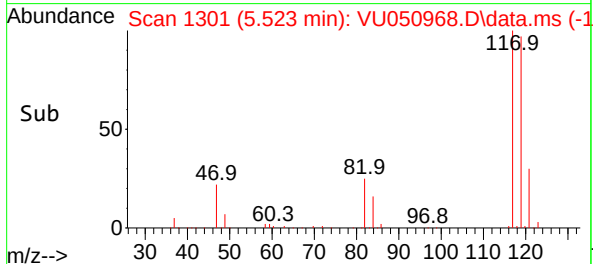
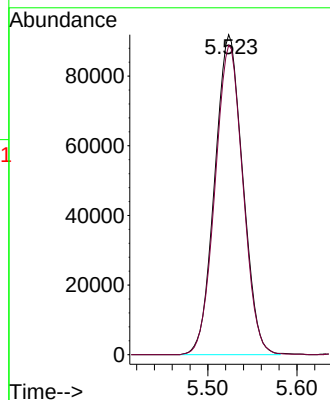
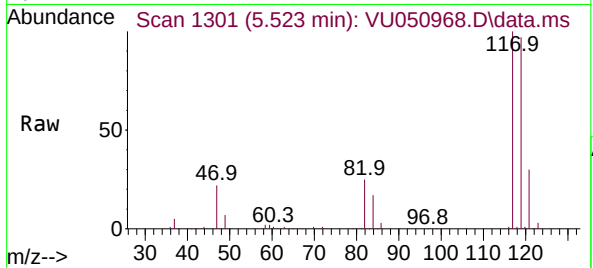




#31
Carbon tetrachloride
Concen: 50.248 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

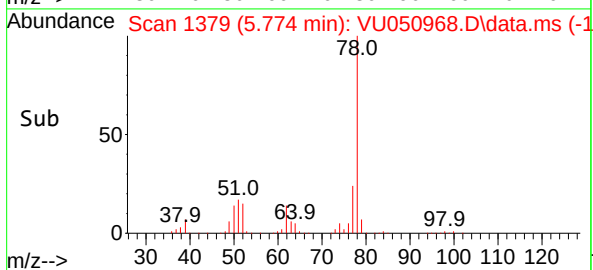
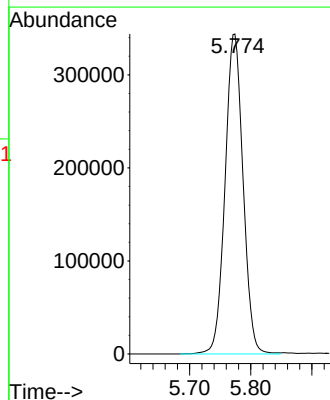
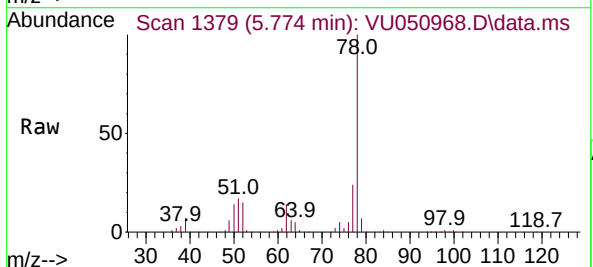
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

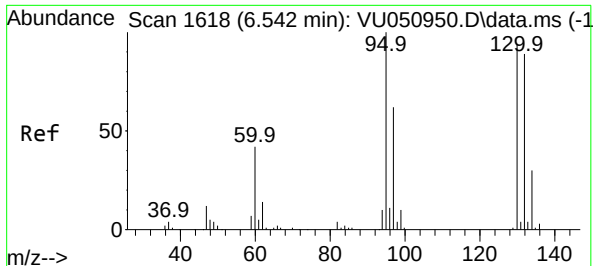
Tgt Ion:117 Resp: 200863
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 52.808 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 78 Resp: 702925

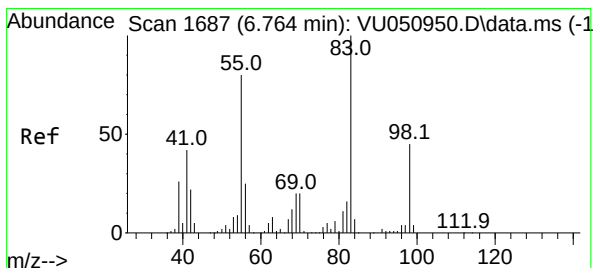
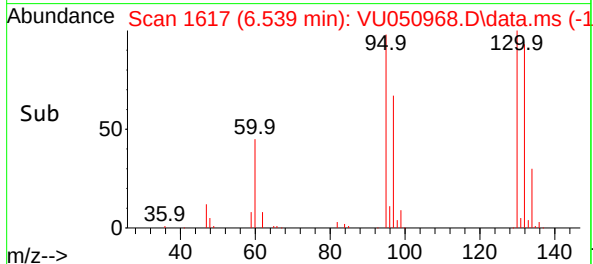
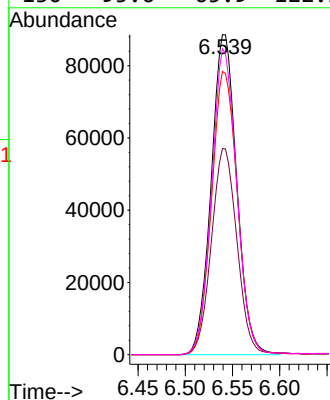
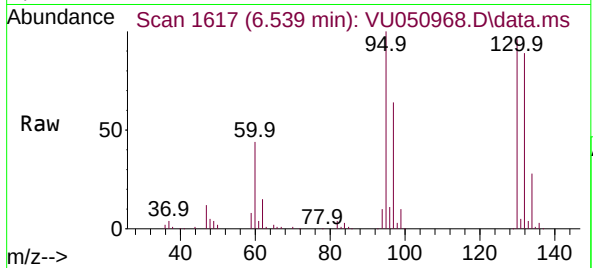




#34
 Trichloroethene
 Concen: 53.814 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

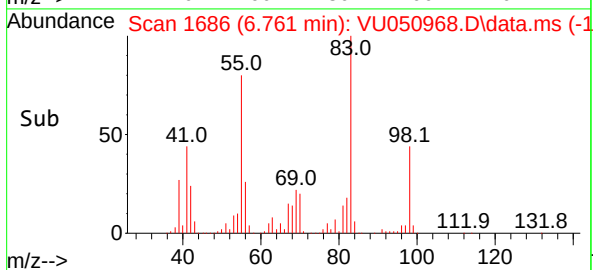
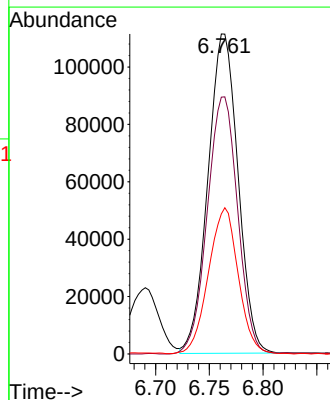
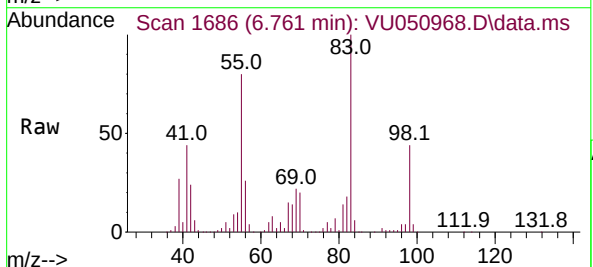
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

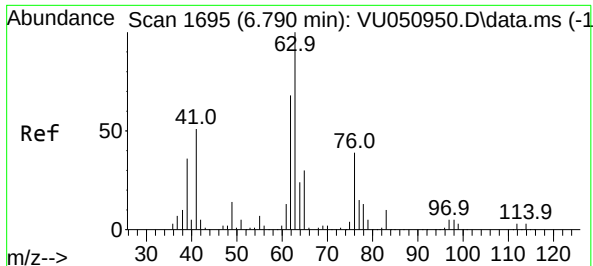
Tgt Ion: 95 Resp: 166390
 Ion Ratio Lower Upper
 95 100
 97 64.4 43.9 81.5
 132 88.5 63.1 117.1
 130 95.6 65.9 122.3



#35
 Methylcyclohexane
 Concen: 43.514 ug/L
 RT: 6.761 min Scan# 1686
 Delta R.T. -0.003 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

Tgt Ion: 83 Resp: 216787
 Ion Ratio Lower Upper
 83 100
 55 81.3 64.7 97.1
 98 45.3 35.2 52.8





#37

1,2-Dichloropropane

Concen: 53.062 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

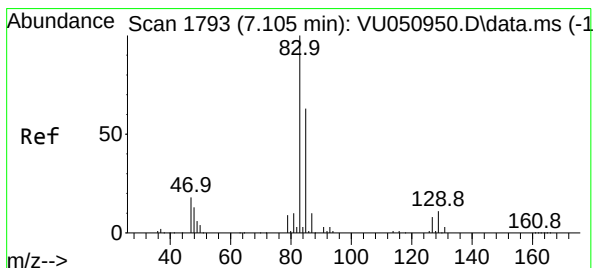
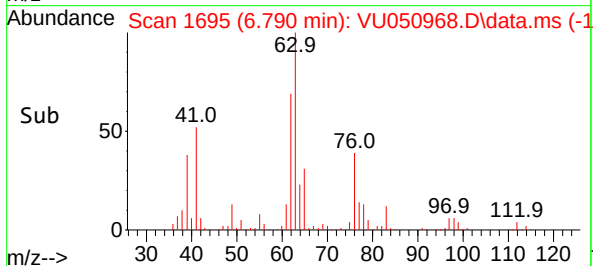
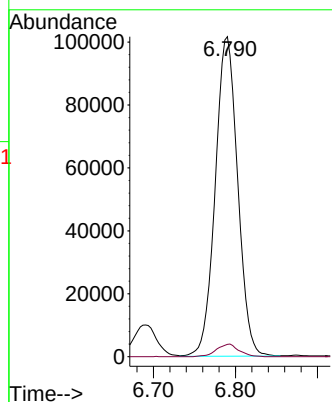
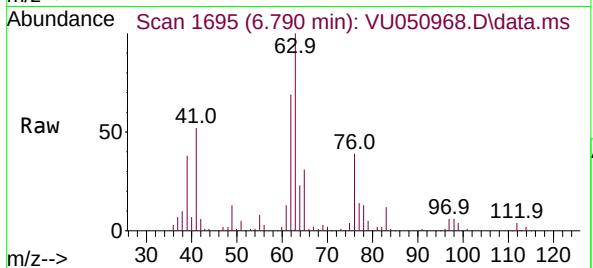
VSTD050098

Tgt Ion: 63 Resp: 193273

Ion Ratio Lower Upper

63 100

112 4.0 2.9 4.3



#38

Bromodichloromethane

Concen: 55.236 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

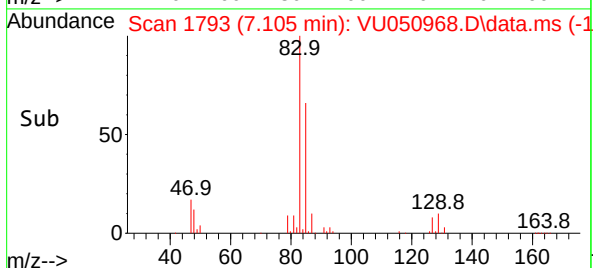
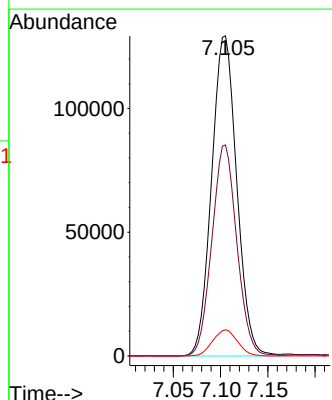
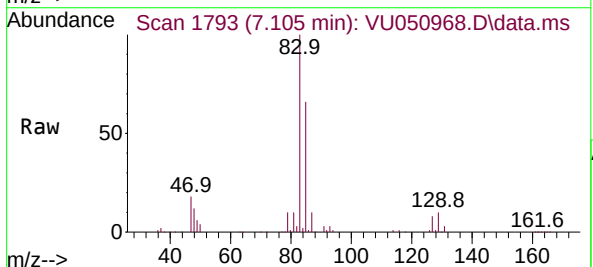
Tgt Ion: 83 Resp: 239710

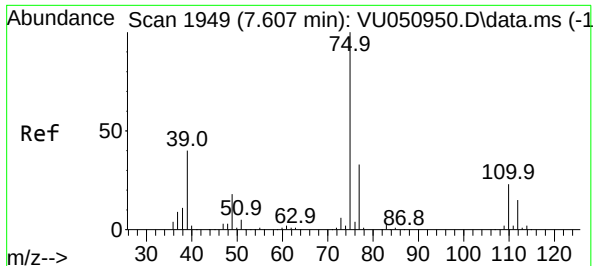
Ion Ratio Lower Upper

83 100

85 65.9 44.3 82.3

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 51.157 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

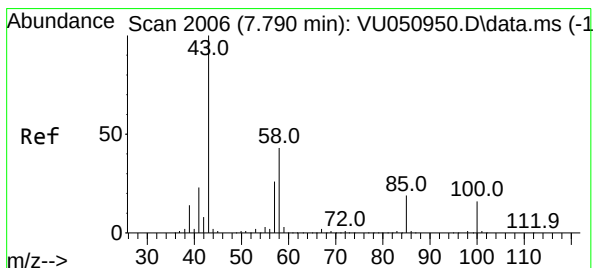
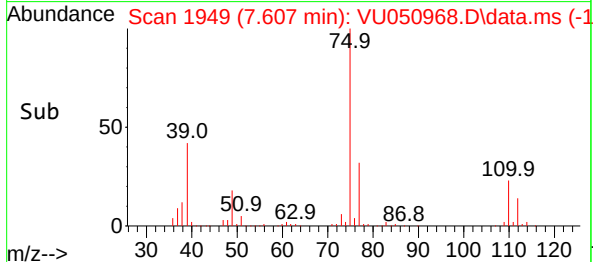
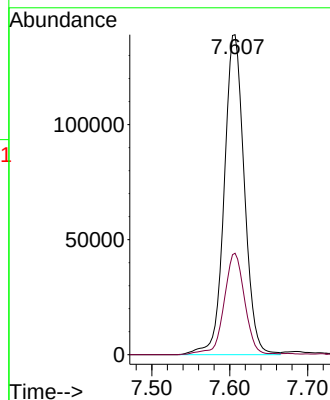
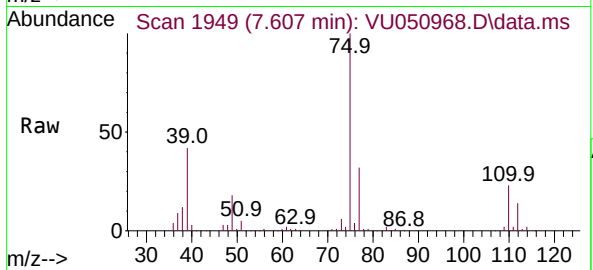
VSTD050098

Tgt Ion: 75 Resp: 249347

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 113.519 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

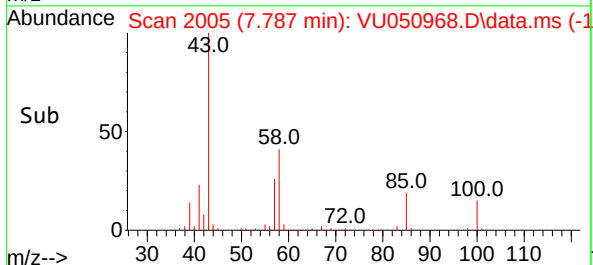
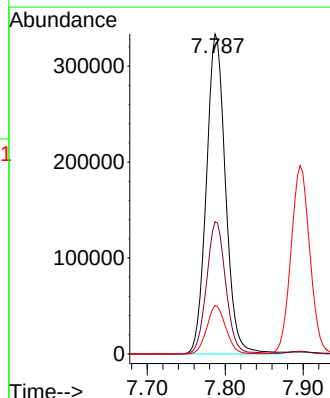
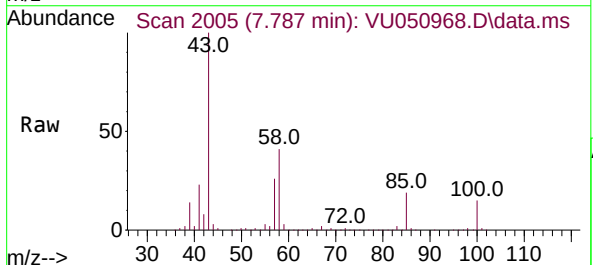
Tgt Ion: 43 Resp: 569838

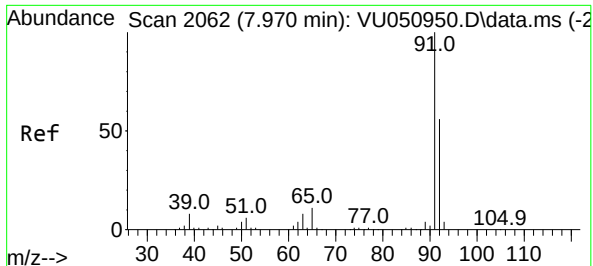
Ion Ratio Lower Upper

43 100

58 41.6 33.8 50.6

100 15.0 12.0 18.0

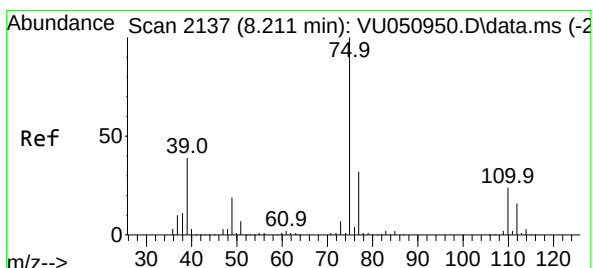
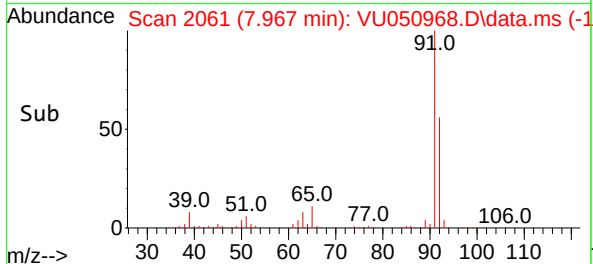
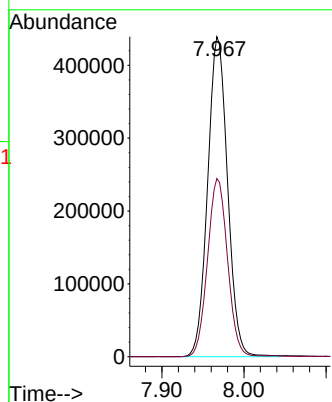
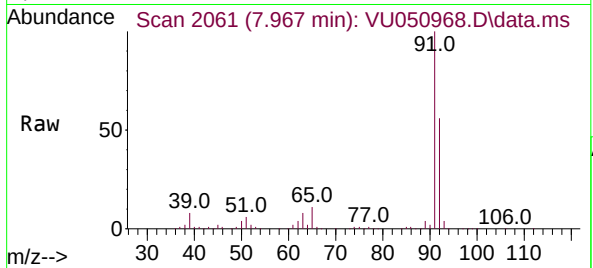




#42
Toluene
Concen: 55.976 ug/L
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

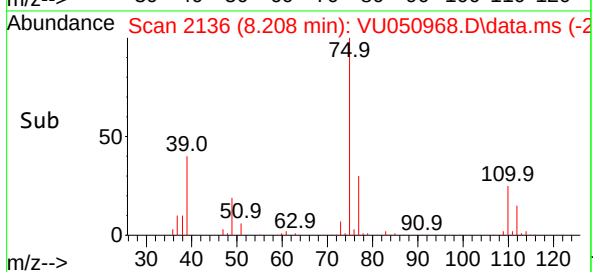
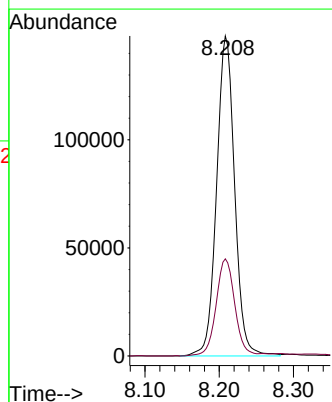
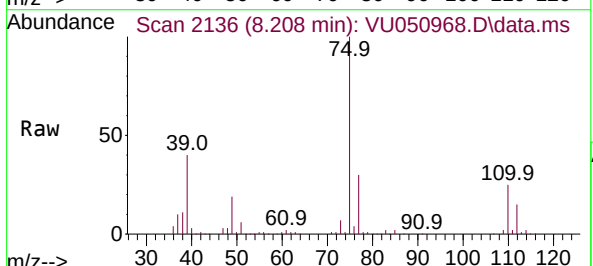
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

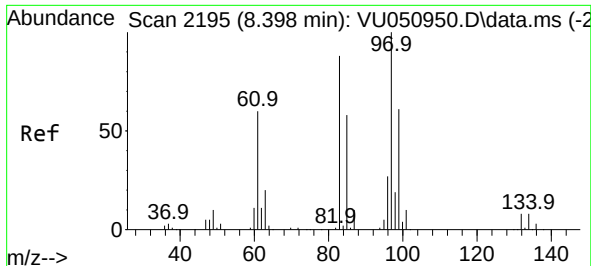
Tgt Ion: 91 Resp: 739671
Ion Ratio Lower Upper
91 100
92 55.6 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 53.950 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 75 Resp: 250151
Ion Ratio Lower Upper
75 100
77 30.3 21.9 40.7

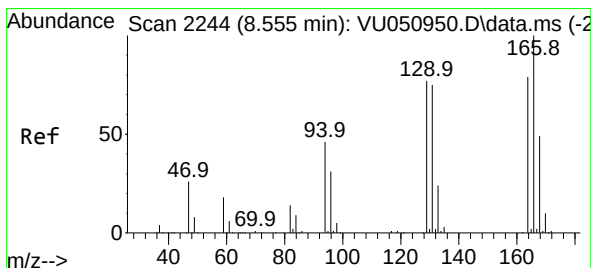
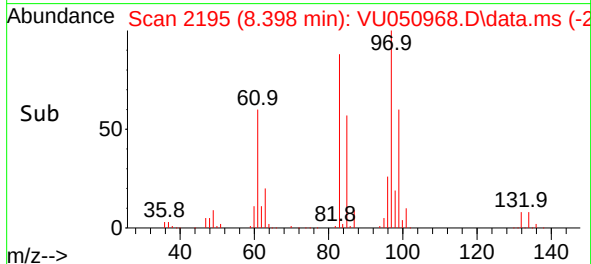
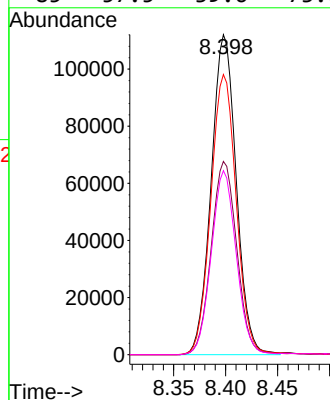
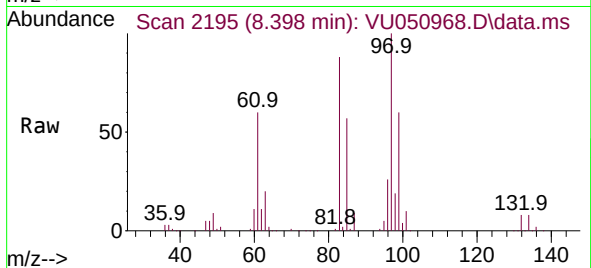




#45
1,1,2-Trichloroethane
Concen: 56.027 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

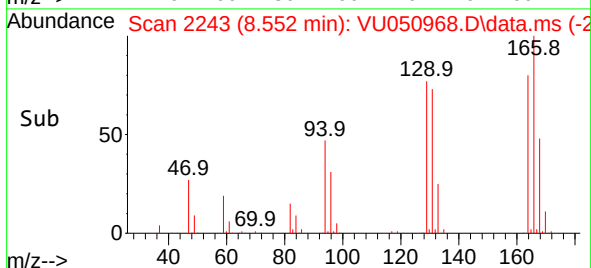
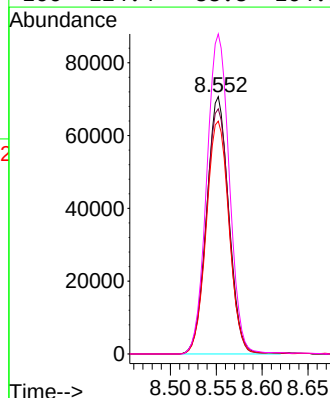
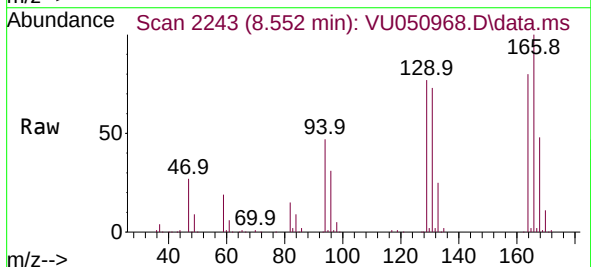
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

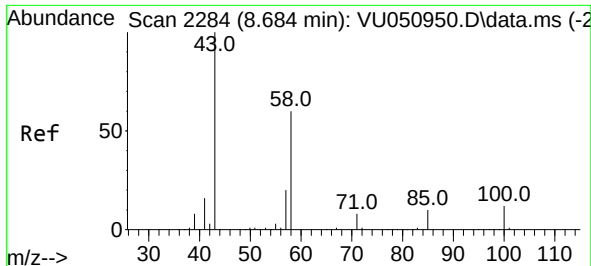
Tgt Ion:	97	Resp:	188062
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.8	81.4
83	87.5	62.6	116.3
85	57.5	39.6	73.6



#46
Tetrachloroethene
Concen: 53.733 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:	164	Resp:	119391
Ion	Ratio	Lower	Upper
164	100		
129	95.3	68.5	127.3
131	90.5	66.1	122.7
166	124.4	88.8	164.8



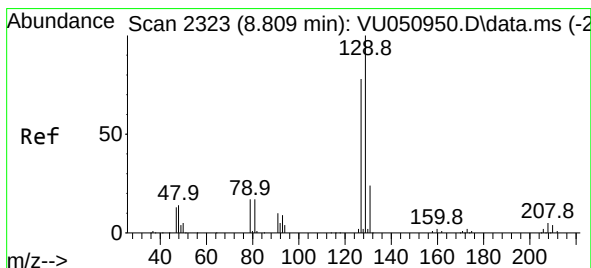
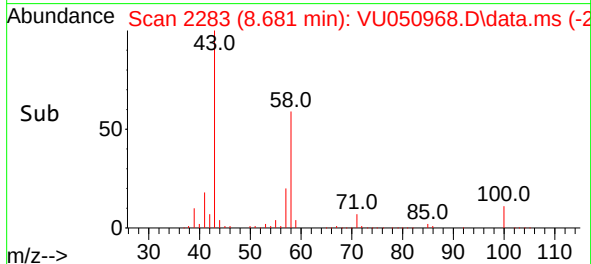
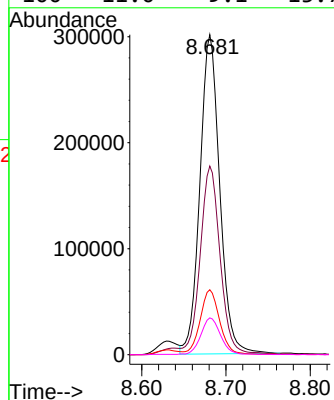
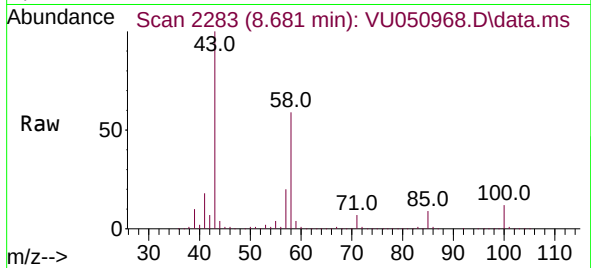


#48
2-Hexanone
Concen: 117.684 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

Tgt Ion: 43 Resp: 493627

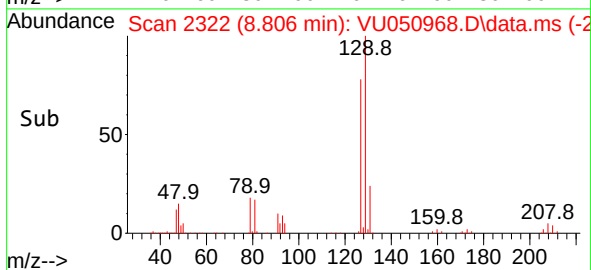
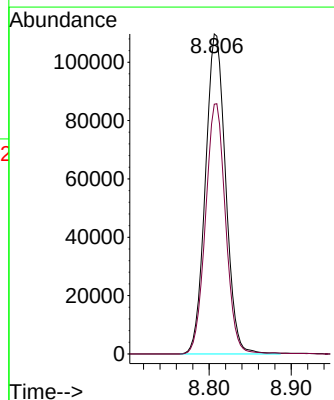
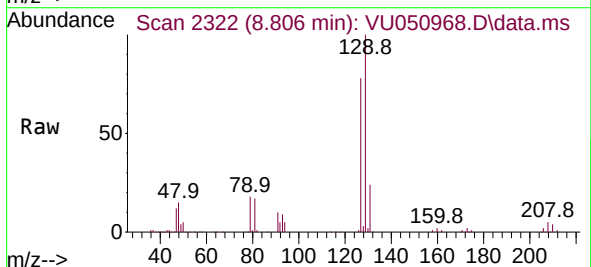
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.2	70.8
57	19.9	16.2	24.4
100	11.0	9.1	13.7

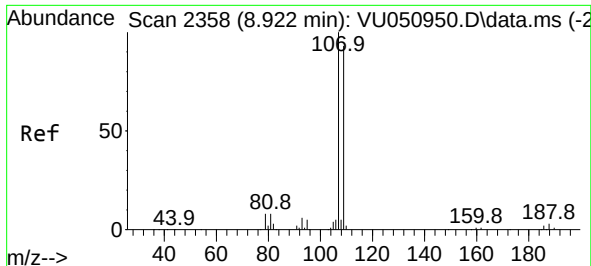


#49
Dibromochloromethane
Concen: 57.033 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 129 Resp: 187711

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.5	101.1

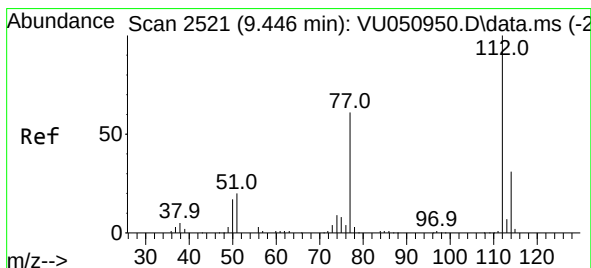
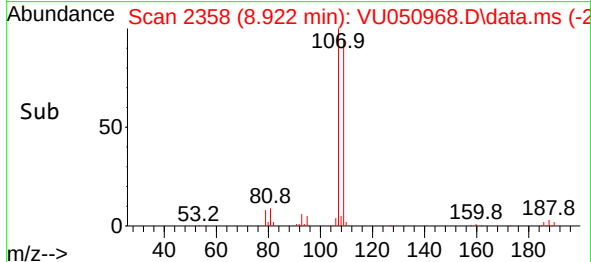
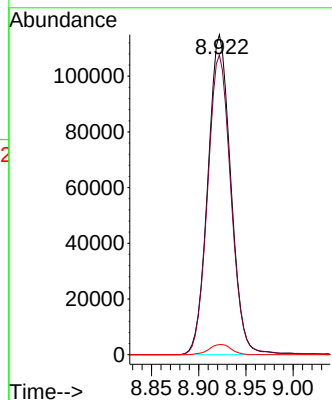
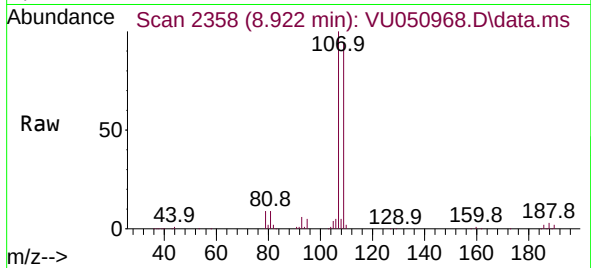




#50
1,2-Dibromoethane
Concen: 55.753 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

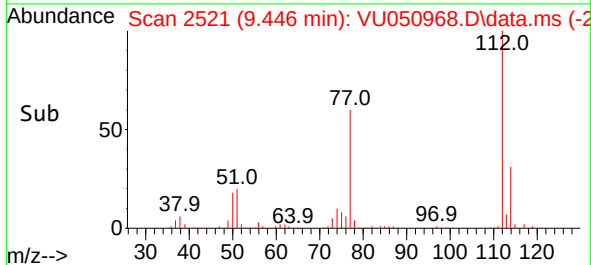
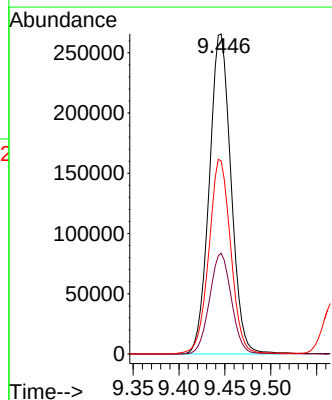
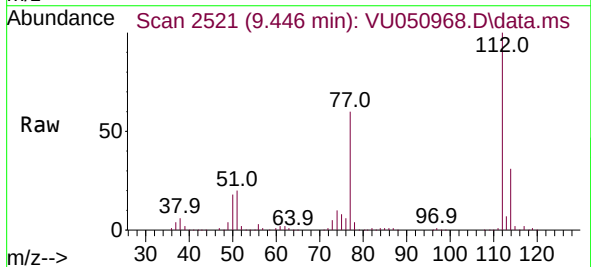
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

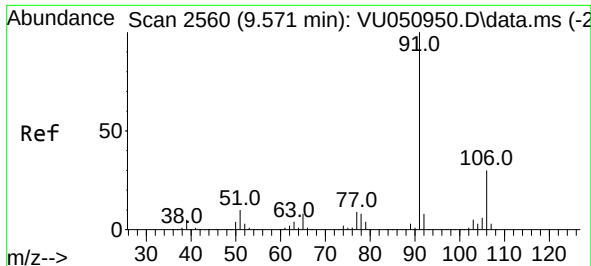
Tgt Ion:107 Resp: 194166
Ion Ratio Lower Upper
107 100
109 93.6 66.0 122.6
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 54.269 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:112 Resp: 437796
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.3
77 60.3 49.8 74.8

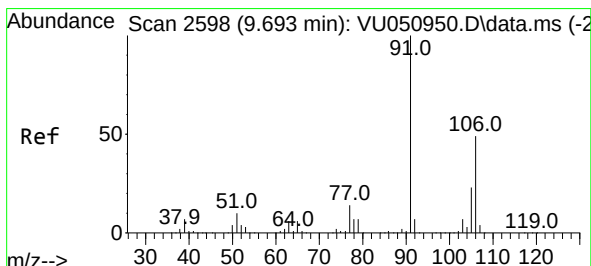
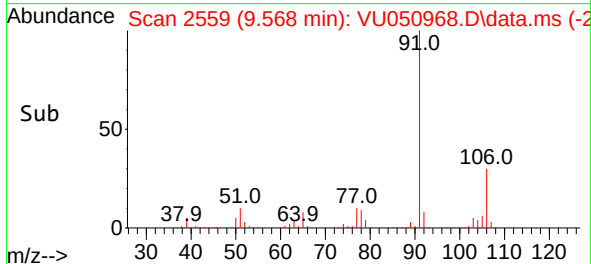
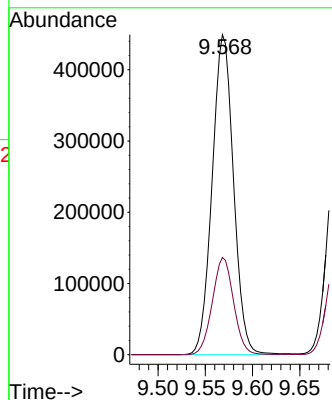
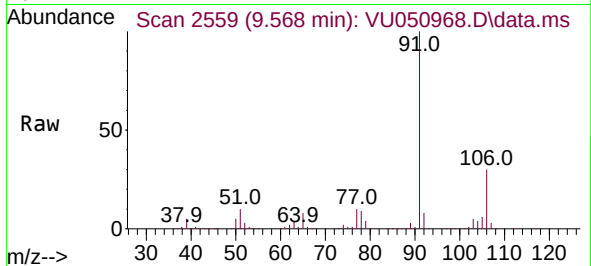




#52
Ethylbenzene
Concen: 53.541 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

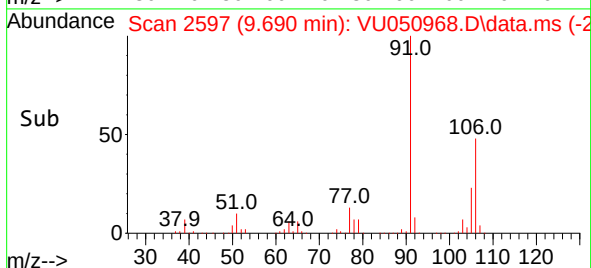
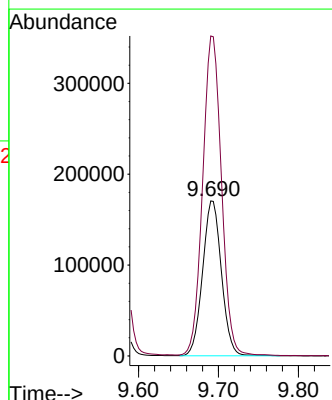
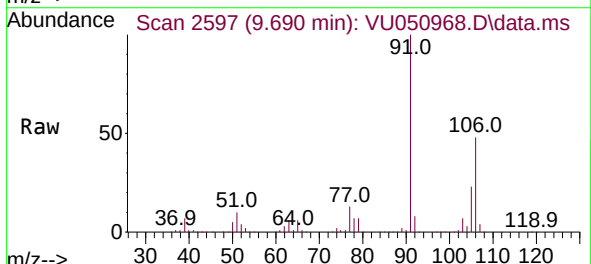
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

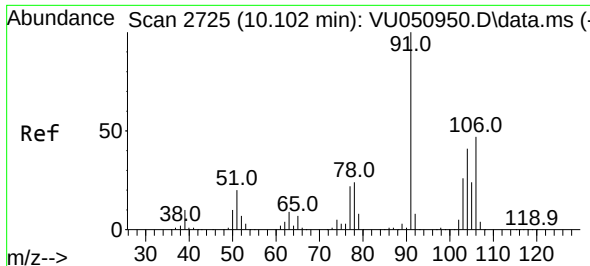
Tgt Ion: 91 Resp: 705798
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 56.987 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 106 Resp: 279294
Ion Ratio Lower Upper
106 100
91 206.5 144.0 267.4

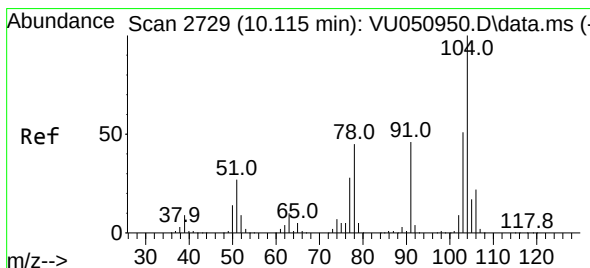
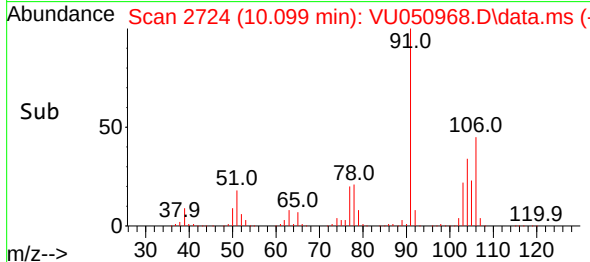
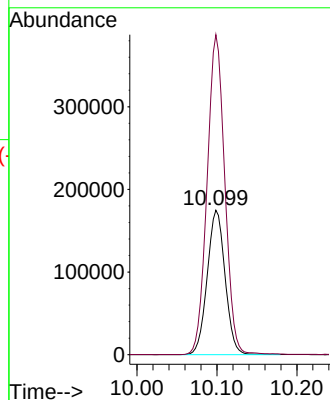
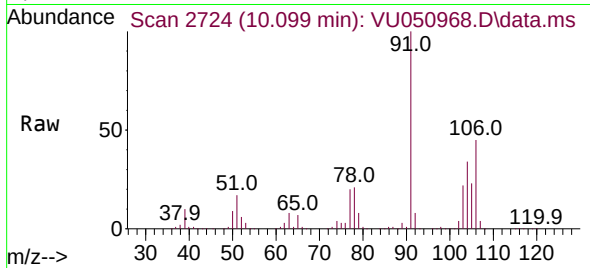




#54
o-Xylene
Concen: 55.737 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

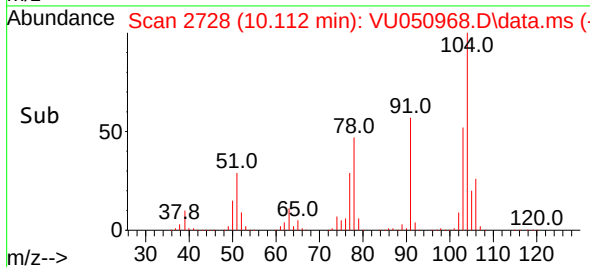
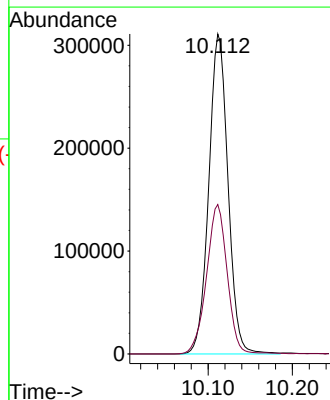
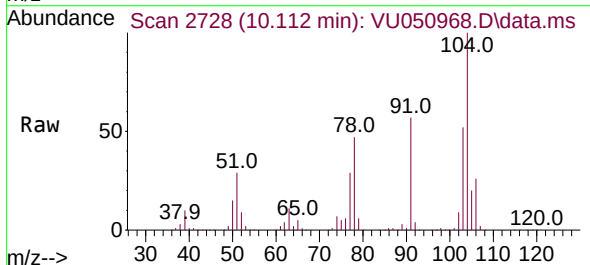
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

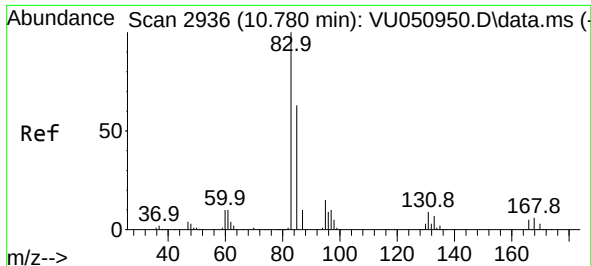
Tgt Ion:106 Resp: 272174
Ion Ratio Lower Upper
106 100
91 221.6 154.6 287.0



#55
Styrene
Concen: 58.876 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:104 Resp: 492930
Ion Ratio Lower Upper
104 100
78 46.7 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 53.322 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050098

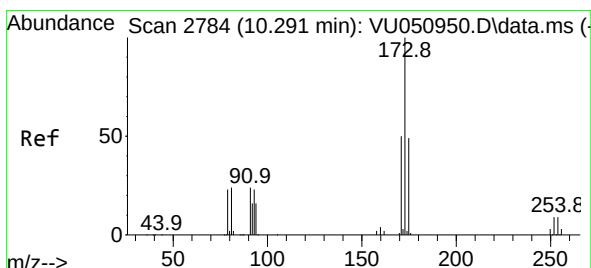
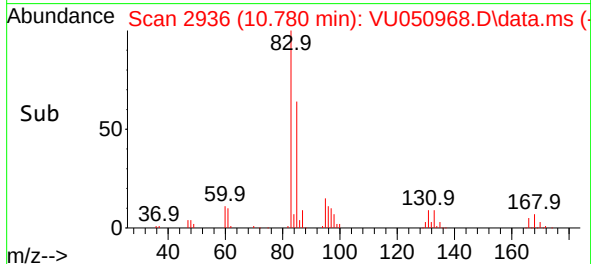
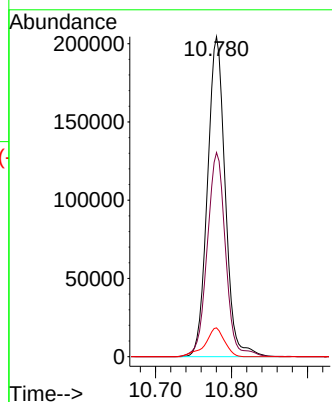
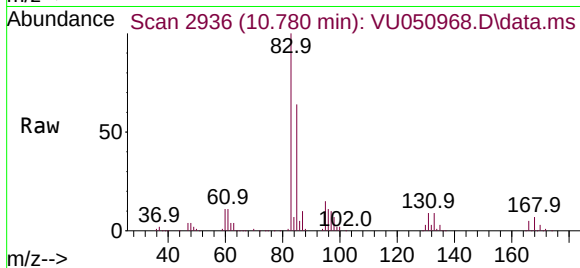
Tgt Ion: 83 Resp: 331189

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

131 9.0 7.1 10.7



#59

Bromoform

Concen: 50.874 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU050968.D

Acq: 27 Sep 2022 19:40

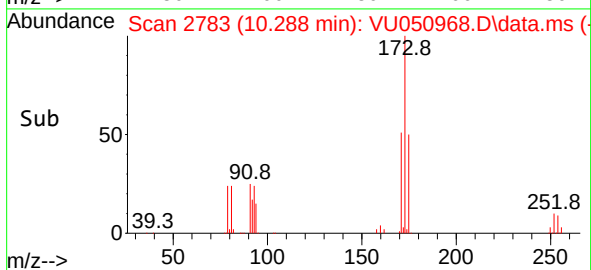
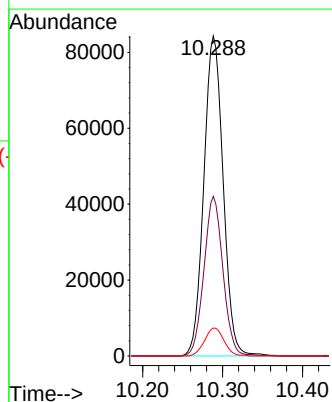
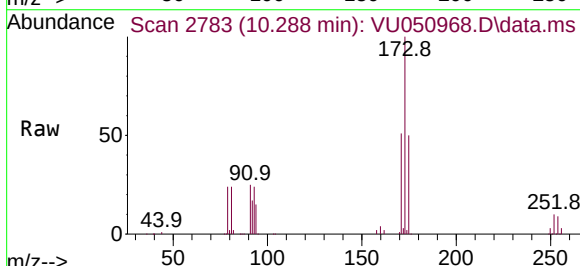
Tgt Ion: 173 Resp: 142000

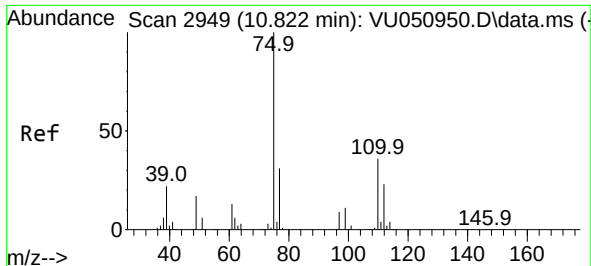
Ion Ratio Lower Upper

173 100

175 49.1 37.8 56.8

254 8.8 7.1 10.7

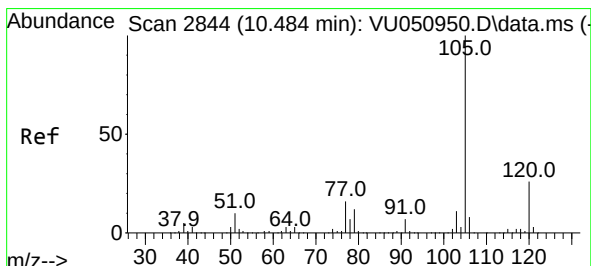
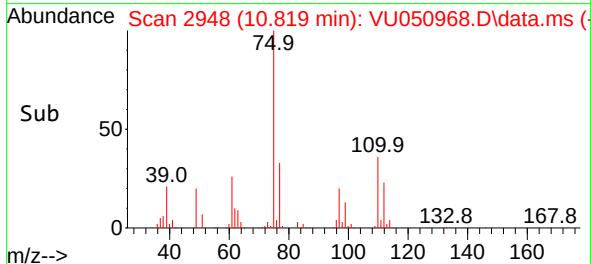
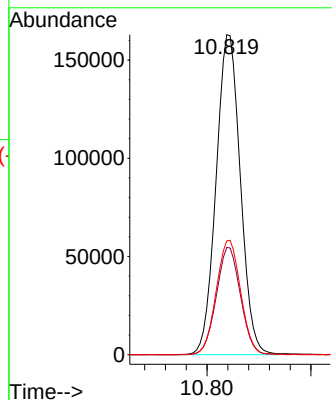
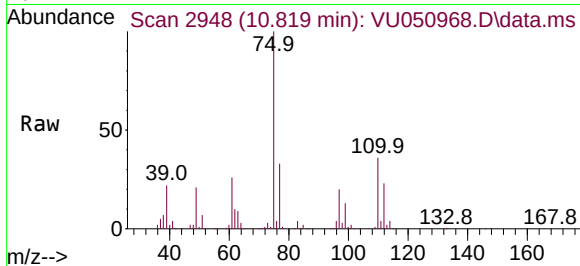




#60
1,2,3-Trichloropropane
Concen: 48.590 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

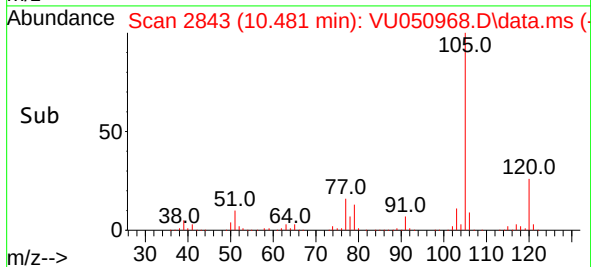
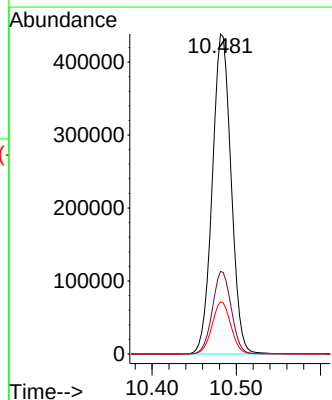
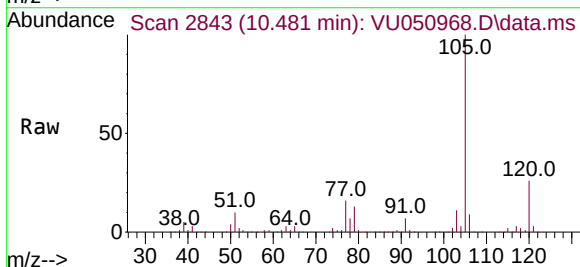
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

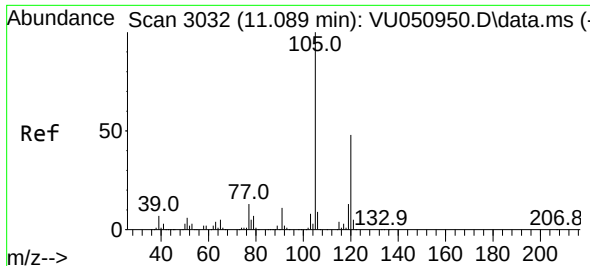
Tgt Ion: 75 Resp: 264304
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.4
110 35.9 28.6 43.0



#61
Isopropylbenzene
Concen: 49.062 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 105 Resp: 678044
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.3 12.9 19.3

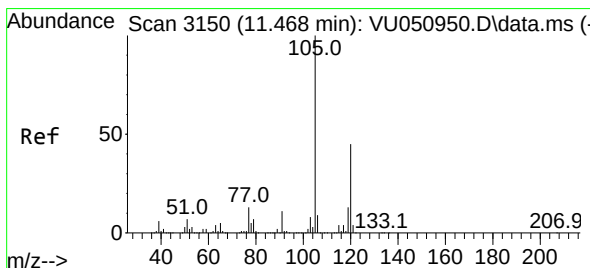
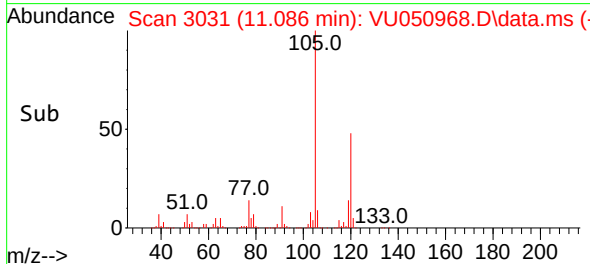
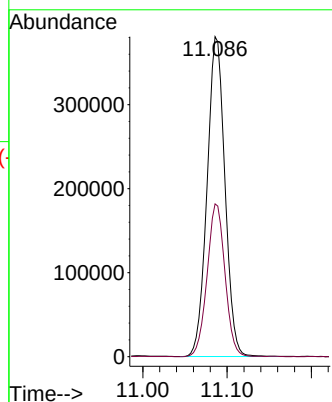
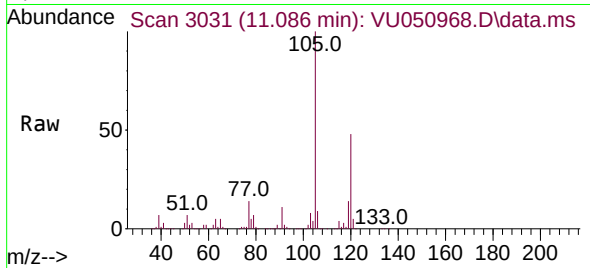




#62
 1,3,5-Trimethylbenzene
 Concen: 49.437 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

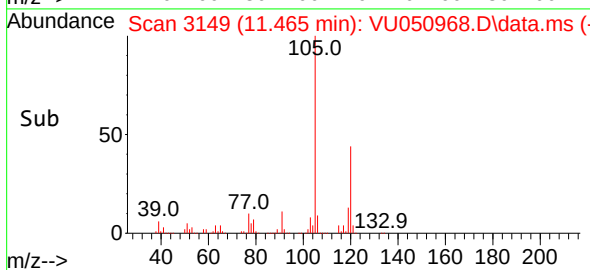
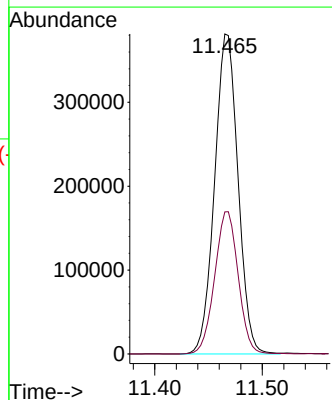
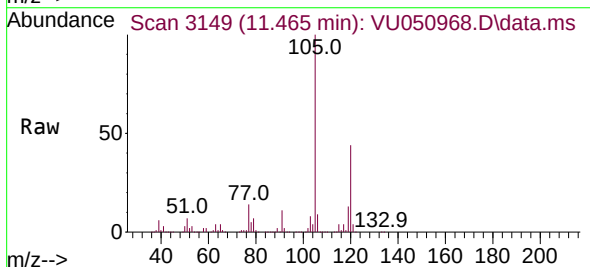
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

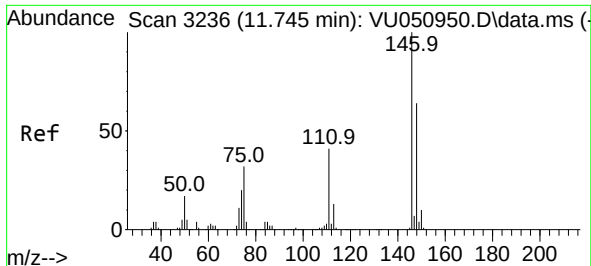
Tgt Ion:105 Resp: 561641
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.259 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

Tgt Ion:105 Resp: 576706
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.9 52.3

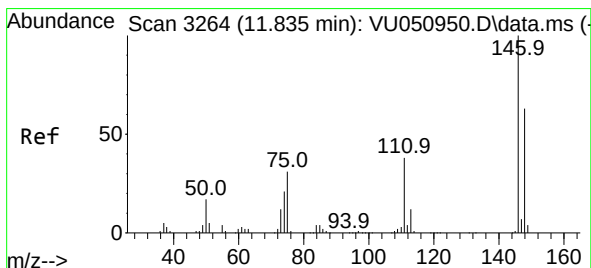
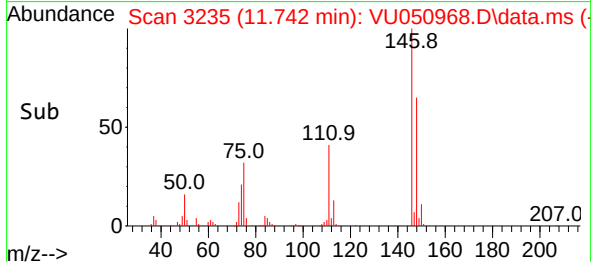
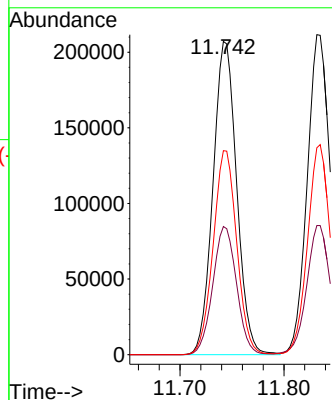
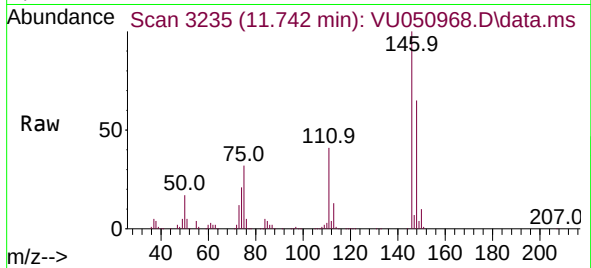




#64
1,3-Dichlorobenzene
Concen: 51.836 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

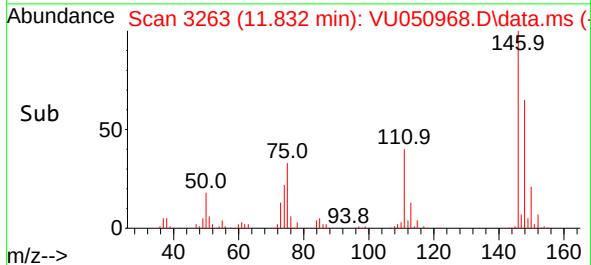
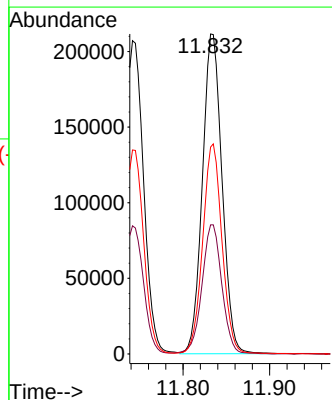
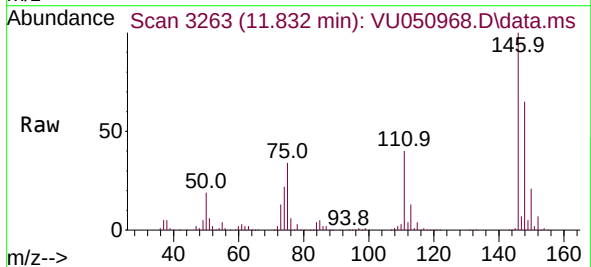
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

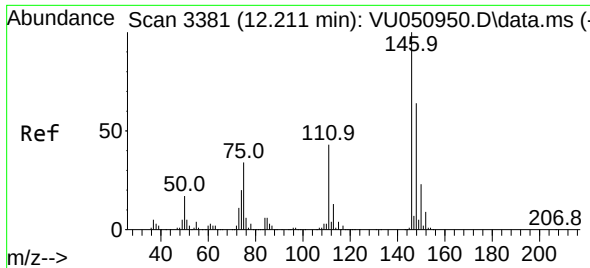
Tgt Ion:146 Resp: 327596
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.7
148 65.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.850 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:146 Resp: 332671
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 64.6 45.4 84.2

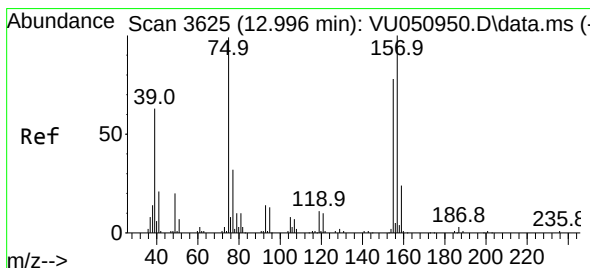
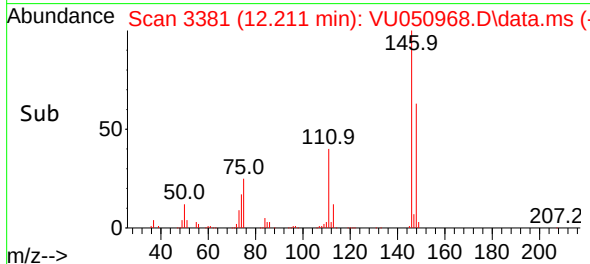
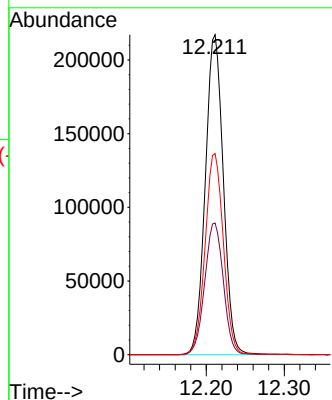
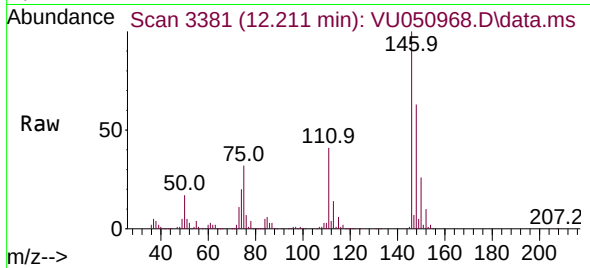




#67
1,2-Dichlorobenzene
Concen: 52.021 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

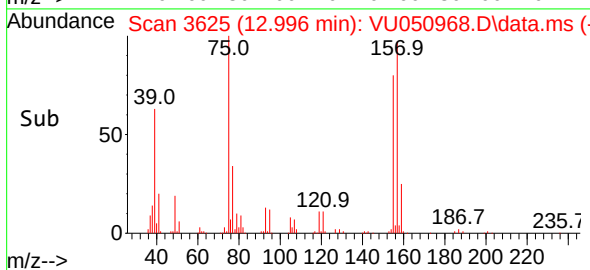
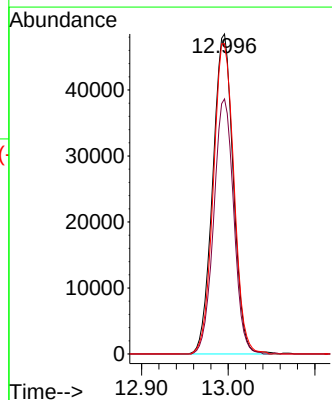
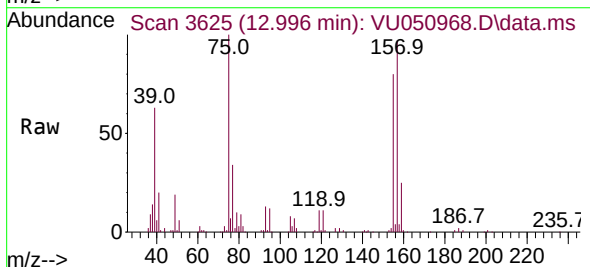
Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

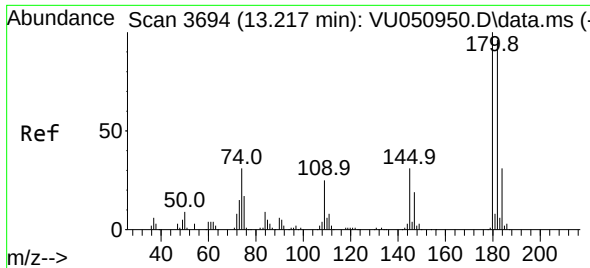
Tgt Ion:146 Resp: 348108
Ion Ratio Lower Upper
146 100
111 41.1 35.2 52.8
148 62.9 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 53.395 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 75 Resp: 79881
Ion Ratio Lower Upper
75 100
155 79.7 63.8 95.8
157 101.4 81.8 122.8

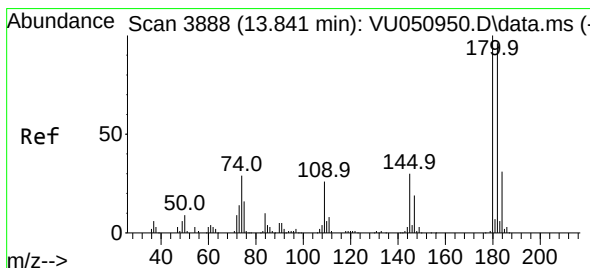
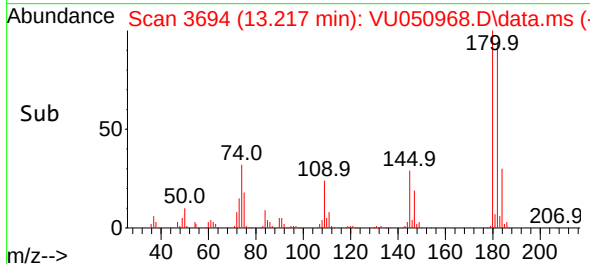
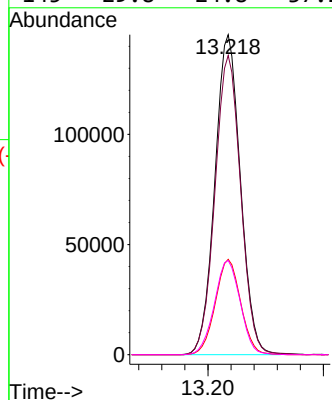
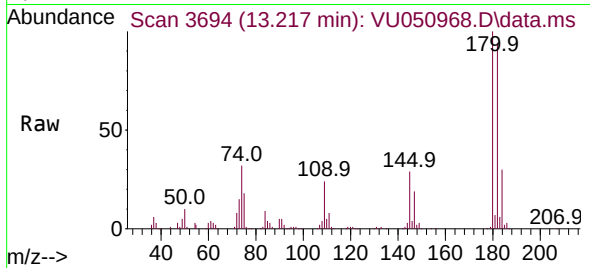




#69
 1,3,5-Trichlorobenzene
 Concen: 50.358 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

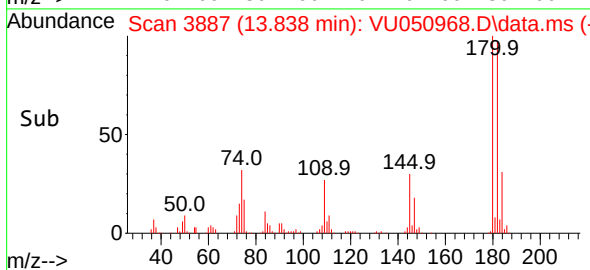
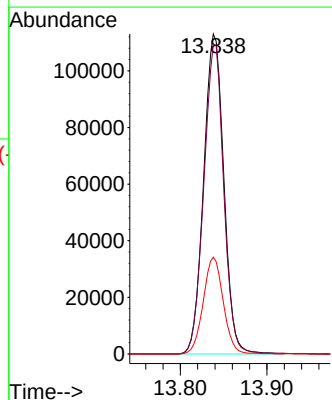
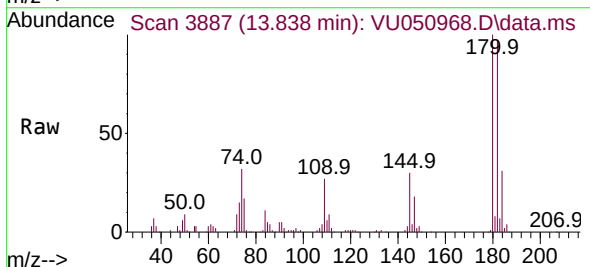
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

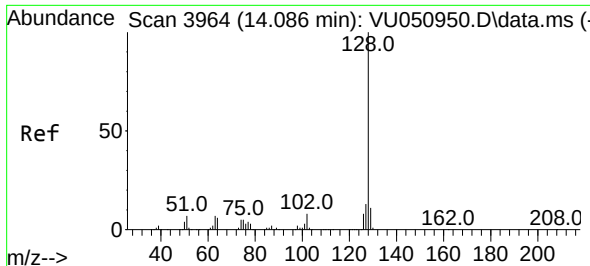
Tgt Ion:	180	Resp:	222670
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.2	117.2
184	29.7	24.8	37.2
145	29.8	24.8	37.2



#70
 1,2,4-trichlorobenzene
 Concen: 50.522 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050968.D
 Acq: 27 Sep 2022 19:40

Tgt Ion:	180	Resp:	182818
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.2
145	29.9	25.1	37.7

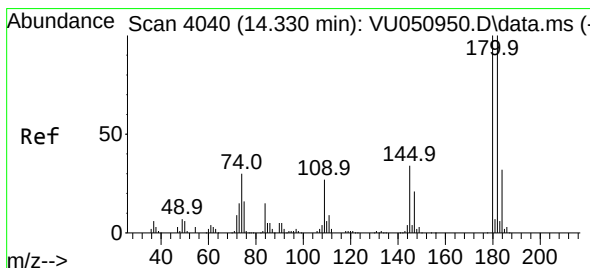
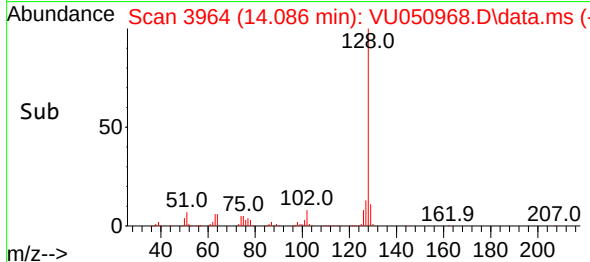
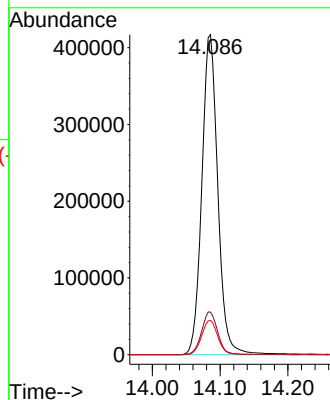
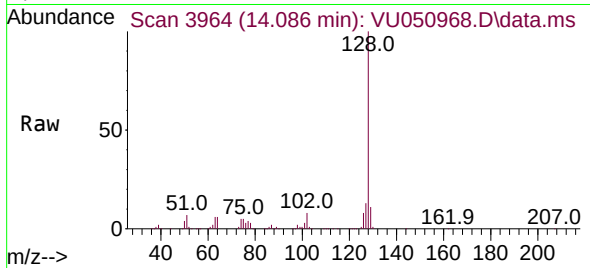




#71
Naphthalene
Concen: 49.010 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD050098

Tgt Ion:128 Resp: 681581
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.162 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050968.D
Acq: 27 Sep 2022 19:40

Tgt Ion:180 Resp: 211252
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 32.9 26.3 39.5

