

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092122\
 Data File : VU050883.D
 Acq On : 21 Sep 2022 18:23
 Operator : JC/MD
 Sample : N4650-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK137

Quant Time: Sep 22 02:15:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	352380	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334848	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140454	38.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.940%
7) Chloroethane-d5	1.896	69	115915	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	2.562	63	248480	43.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.480%
21) 2-Butanone-d5	4.620	46	295629	125.425	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.430%
24) Chloroform-d	5.060	84	264191	46.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.700	65	162332	46.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.726	84	508167	46.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
36) 1,2-Dichloropropane-d6	6.690	67	173056	46.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.896	98	443733	46.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
43) trans-1,3-Dichloroprop...	8.179	79	73197	45.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.400%
47) 2-Hexanone-d5	8.632	63	182575	119.004	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.000%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	282460	49.765	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	12.192	152	149793	46.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	187992	51.522	ug/L	100
3) Chloromethane	1.520	50	207991	49.032	ug/L	98
5) Vinyl chloride	1.600	62	226114	54.449	ug/L	98
6) Bromomethane	1.835	94	120192	57.290	ug/L	99
8) Chloroethane	1.919	64	139549	60.693	ug/L	96
9) Trichlorofluoromethane	2.131	101	242018	53.728	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	151124	52.416	ug/L	100
12) 1,1-Dichloroethene	2.575	96	138186	51.009	ug/L	92
13) Acetone	2.623	43	214097	107.275	ug/L	98
14) Carbon disulfide	2.787	76	429506	50.138	ug/L	99
15) Methyl Acetate	2.944	43	219261	58.216	ug/L	99
16) Methylene chloride	3.041	84	168018	44.667	ug/L	99
17) trans-1,2-Dichloroethene	3.349	96	145407	52.368	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	433927	51.264	ug/L	99
19) 1,1-Dichloroethane	3.864	63	364077	64.893	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	193665	62.906	ug/L	100
22) 2-Butanone	4.697	43	332123	126.249	ug/L	100
23) Bromochloromethane	4.970	128	82516	51.140	ug/L	98
25) Chloroform	5.086	83	287925	51.494	ug/L	98

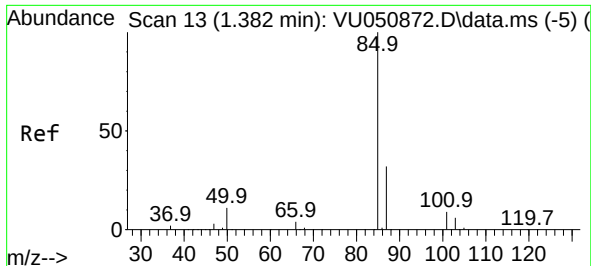
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	222593	52.385	ug/L	100
29) Cyclohexane	5.388	56	239948	52.071	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	263254	59.095	ug/L	100
31) Carbon tetrachloride	5.523	117	198640	53.676	ug/L	98
33) Benzene	5.774	78	652646	52.962	ug/L	100
34) Trichloroethene	6.539	95	153540	53.639	ug/L	99
35) Methylcyclohexane	6.761	83	238298	51.667	ug/L	100
37) 1,2-Dichloropropane	6.790	63	174887	51.864	ug/L	100
38) Bromodichloromethane	7.105	83	211806	52.720	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	229349	50.826	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	568829	122.403	ug/L	100
42) Toluene	7.967	91	672312	54.958	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	218216	50.836	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	163246	52.533	ug/L	98
46) Tetrachloroethene	8.552	164	107221	52.125	ug/L	99
48) 2-Hexanone	8.684	43	484060	124.656	ug/L	99
49) Dibromochloromethane	8.809	129	159352	52.299	ug/L	100
50) 1,2-Dibromoethane	8.922	107	171416	53.167	ug/L	99
51) Chlorobenzene	9.446	112	377121	50.495	ug/L	100
52) Ethylbenzene	9.571	91	626341	51.323	ug/L	99
53) m,p-Xylene	9.693	106	241352	53.194	ug/L	100
54) o-Xylene	10.102	106	241896	53.508	ug/L	96
55) Styrene	10.111	104	410637	52.979	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	303977	52.865	ug/L	99
59) Bromoform	10.288	173	120407	53.823	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	247196	56.701	ug/L	99
61) Isopropylbenzene	10.484	105	606584	54.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	485054	53.271	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	478361	53.049	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	259656	51.262	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	256060	49.794	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	276806	51.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	75625	63.070	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	165726	46.763	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	131561	45.363	ug/L	99
71) Naphthalene	14.085	128	562250	50.443	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	158072	48.699	ug/L	100

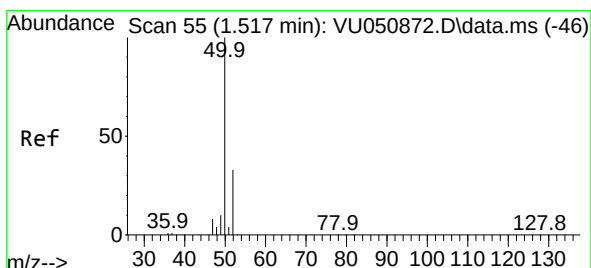
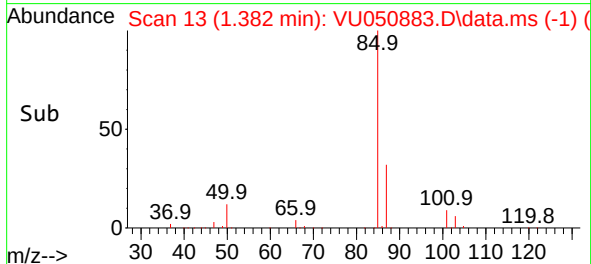
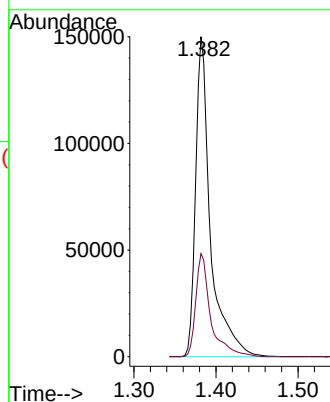
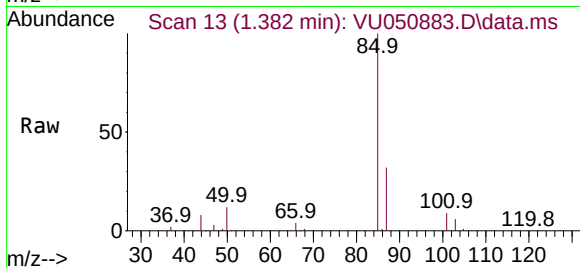
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 51.522 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

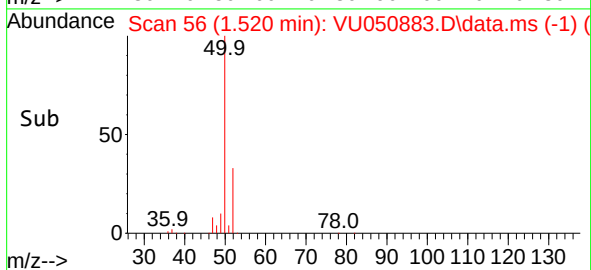
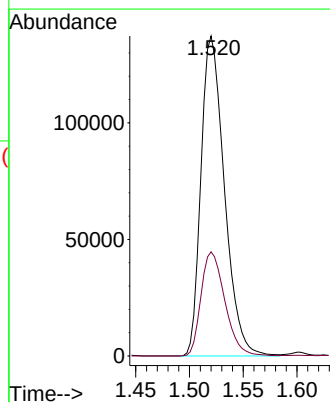
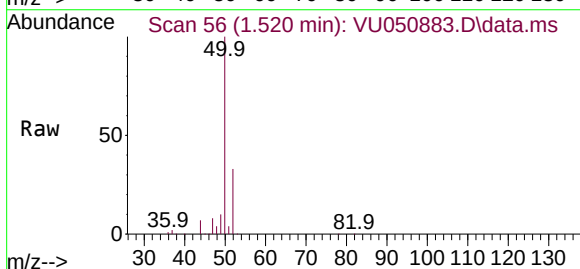
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

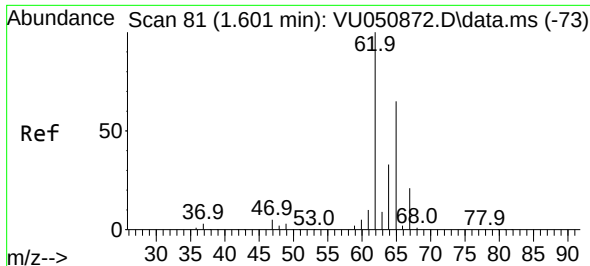
Tgt Ion: 85 Resp: 187992
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 49.032 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 50 Resp: 207991
Ion Ratio Lower Upper
50 100
52 32.5 23.7 43.9

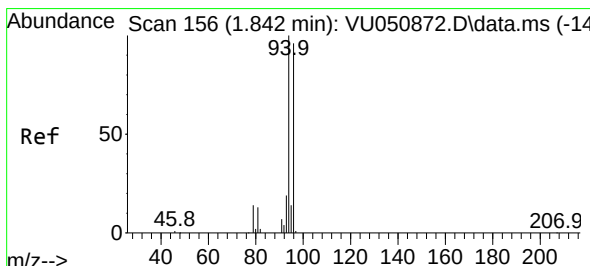
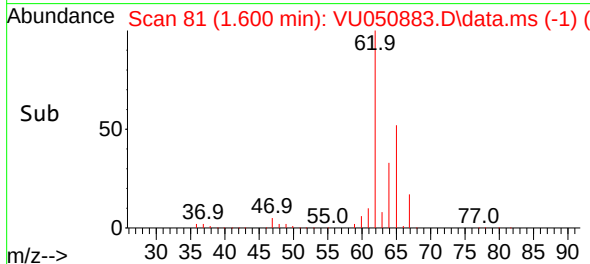
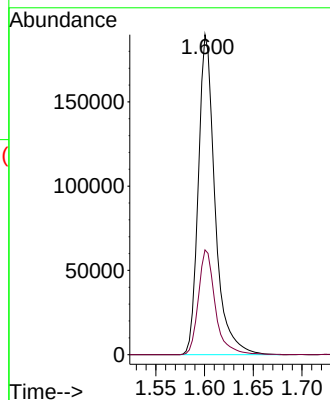
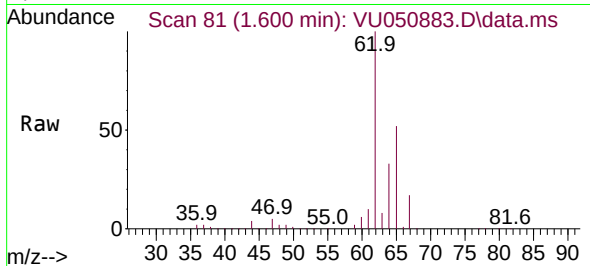




#5
 Vinyl chloride
 Concen: 54.449 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23

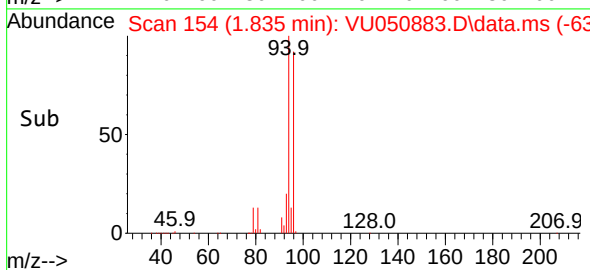
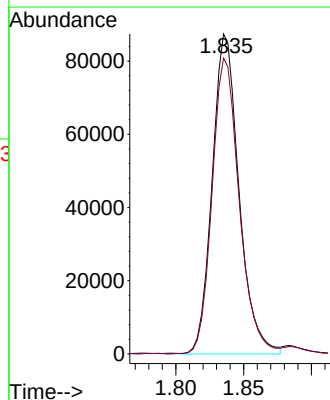
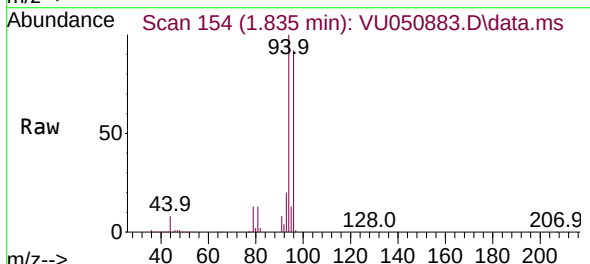
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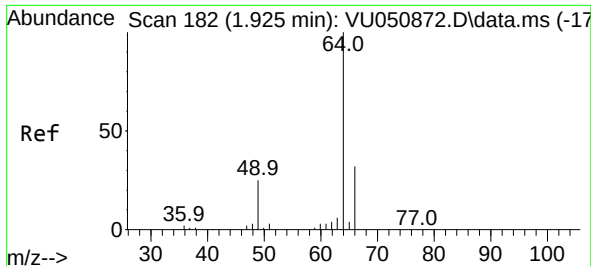
Tgt Ion: 62 Resp: 226114
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.2 41.2



#6
 Bromomethane
 Concen: 57.290 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. -0.007 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23

Tgt Ion: 94 Resp: 120192
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.0 119.0

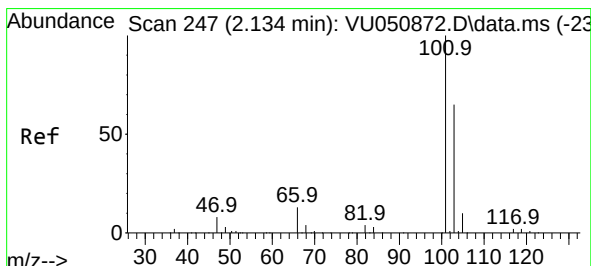
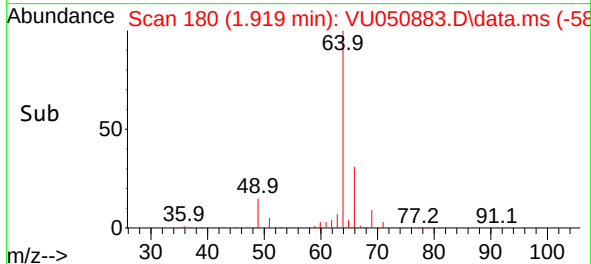
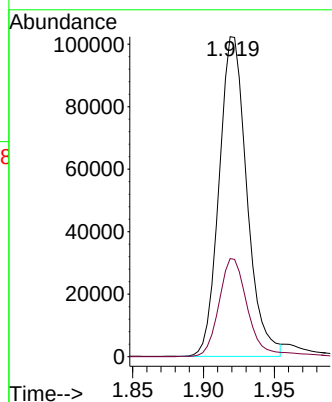
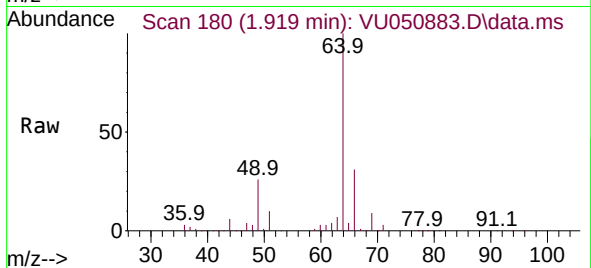




#8
Chloroethane
Concen: 60.693 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

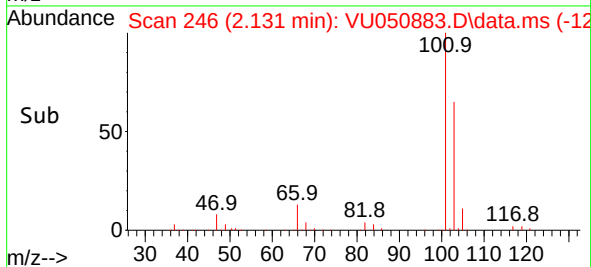
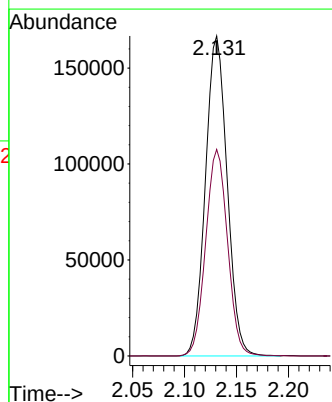
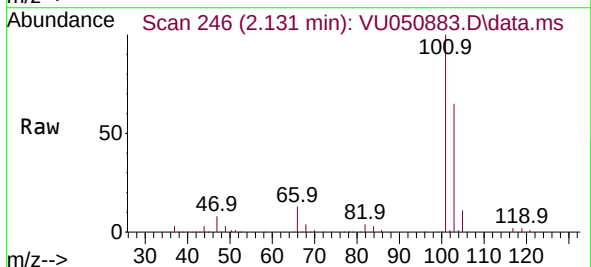
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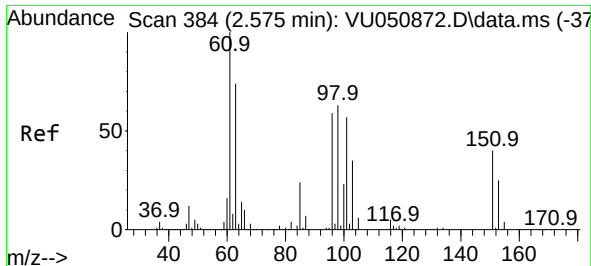
Tgt Ion: 64 Resp: 139549
Ion Ratio Lower Upper
64 100
66 30.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 53.728 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:101 Resp: 242018
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

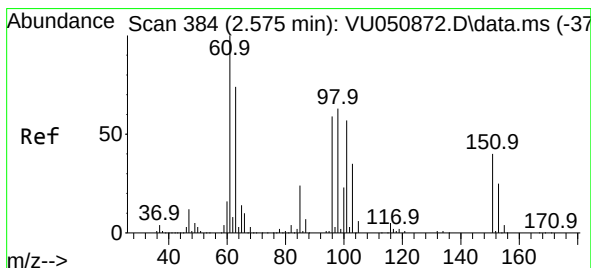
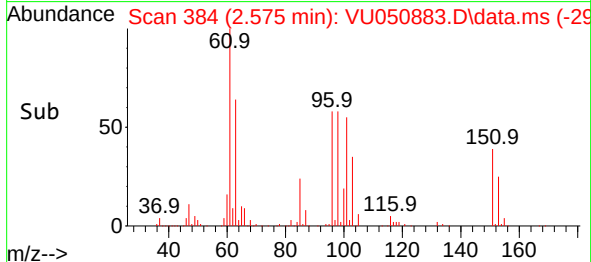
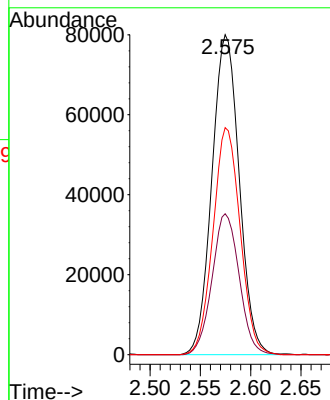
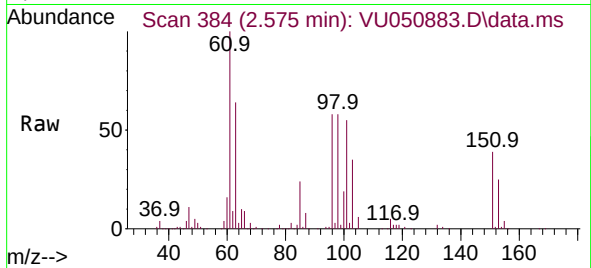




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.416 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23

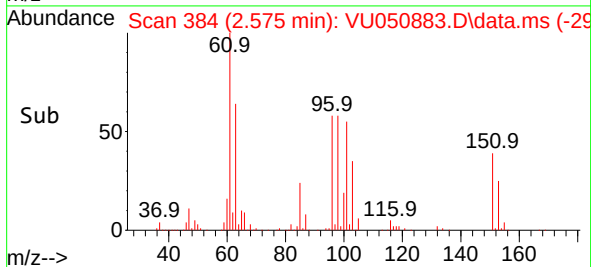
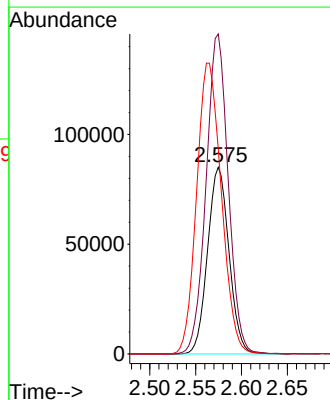
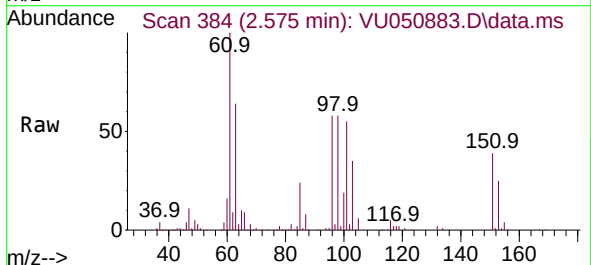
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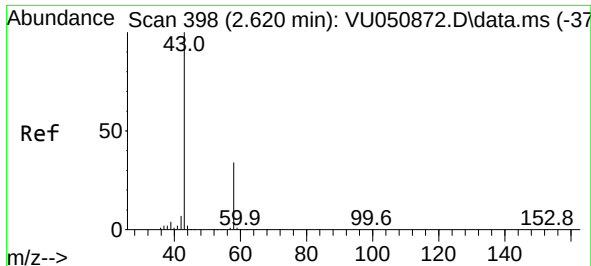
Tgt Ion: 101 Resp: 151124
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.1 52.7
 151 70.6 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 51.009 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23

Tgt Ion: 96 Resp: 138186
 Ion Ratio Lower Upper
 96 100
 61 171.4 118.6 220.2
 63 109.8 90.4 168.0





#13

Acetone

Concen: 107.275 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

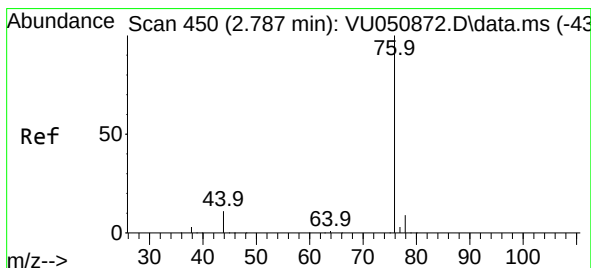
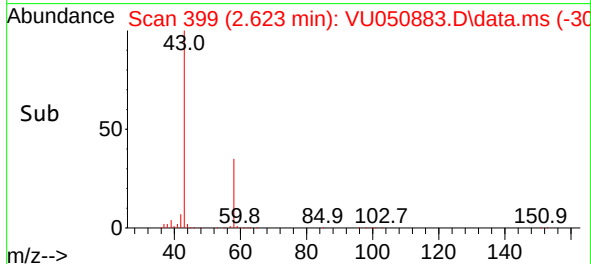
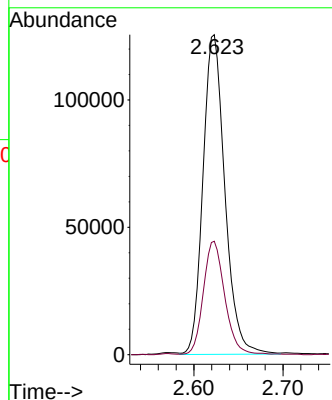
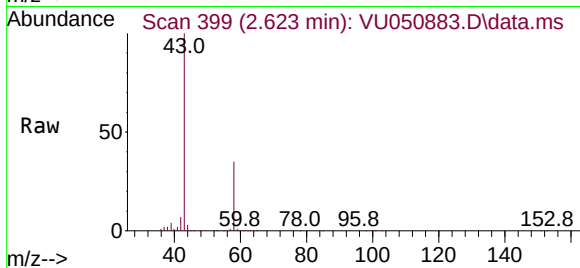
VIBLK137

Tgt Ion: 43 Resp: 214097

Ion Ratio Lower Upper

43 100

58 34.7 0.0 71.4



#14

Carbon disulfide

Concen: 50.138 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU050883.D

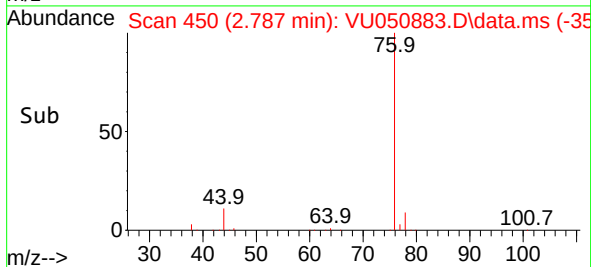
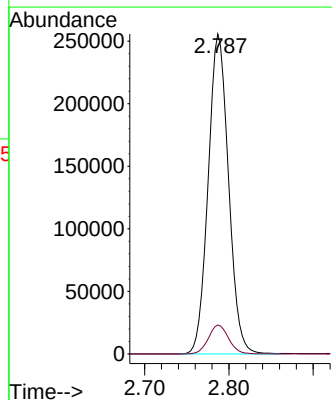
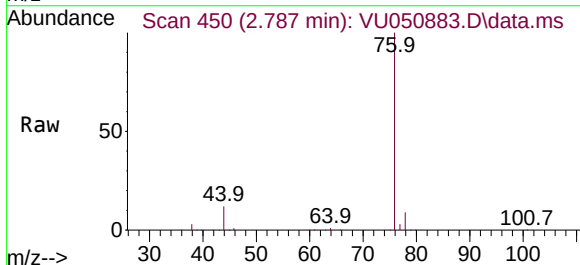
Acq: 21 Sep 2022 18:23

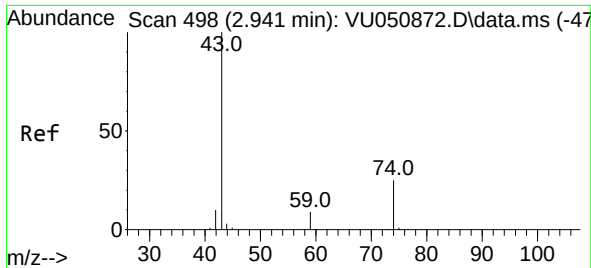
Tgt Ion: 76 Resp: 429506

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

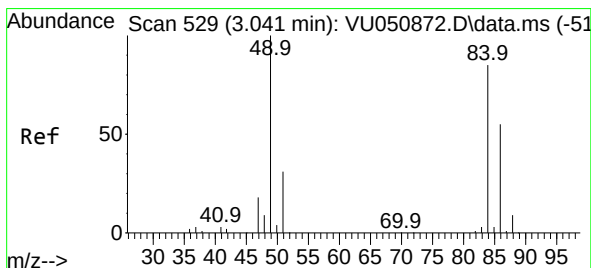
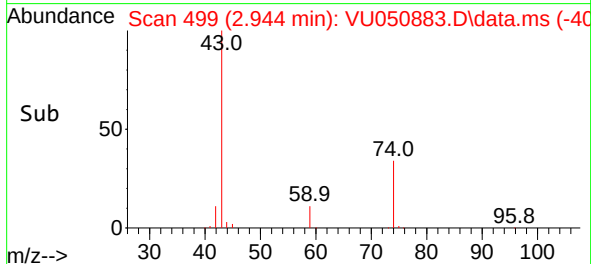
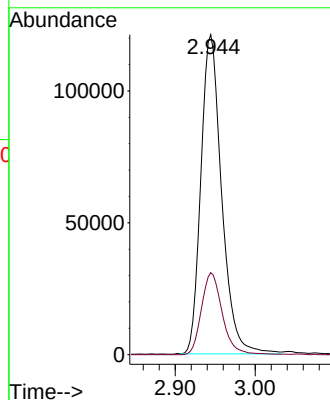
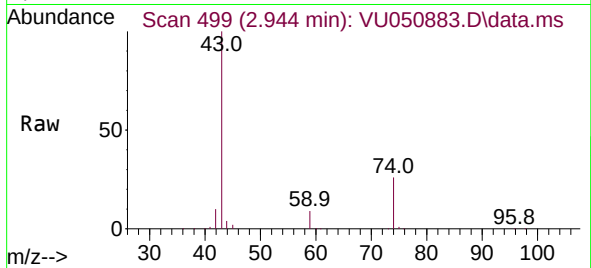




#15
Methyl Acetate
Concen: 58.216 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

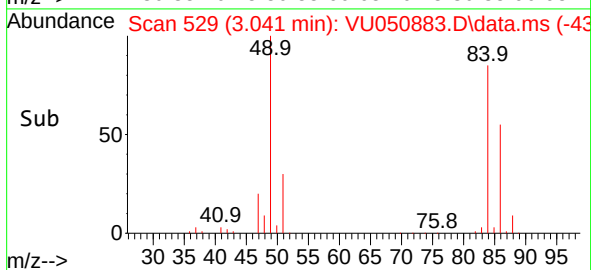
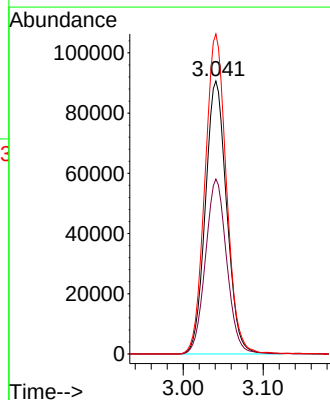
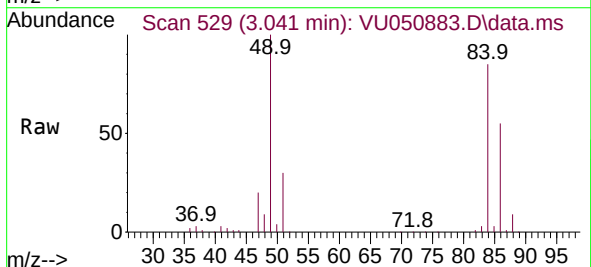
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

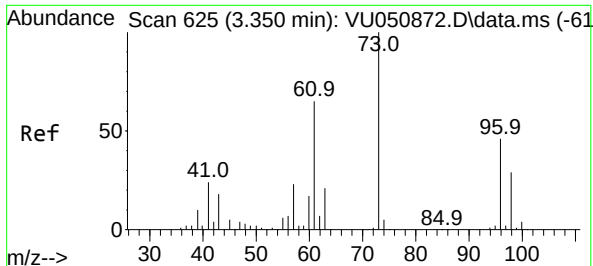
Tgt Ion: 43 Resp: 219261
Ion Ratio Lower Upper
43 100
74 25.6 19.9 29.9



#16
Methylene chloride
Concen: 44.667 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 84 Resp: 168018
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.5
49 117.2 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 52.368 ug/L

RT: 3.349 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK137

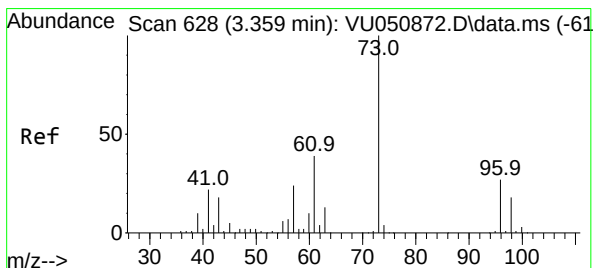
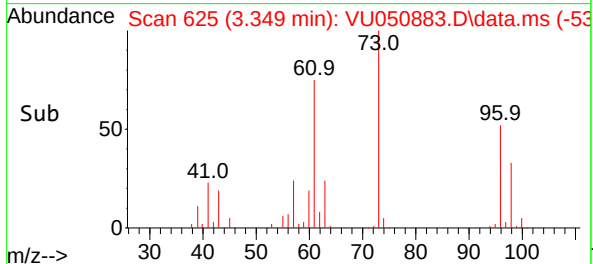
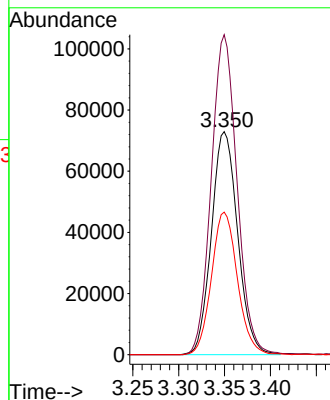
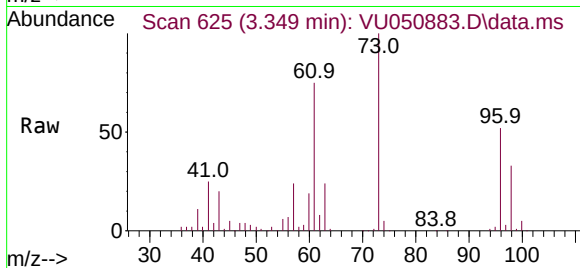
Tgt Ion: 96 Resp: 145407

Ion Ratio Lower Upper

96 100

61 143.4 98.0 182.0

98 63.9 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.264 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

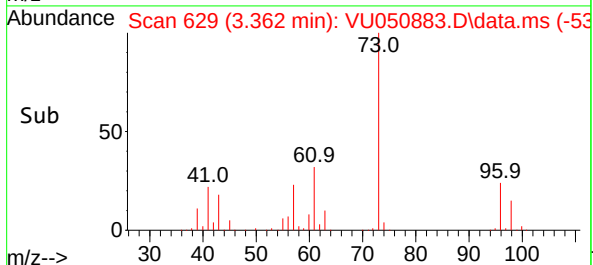
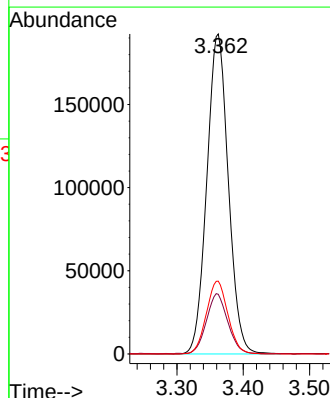
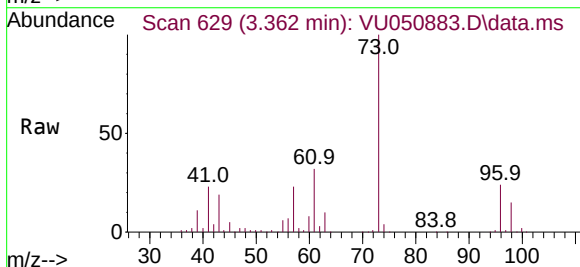
Tgt Ion: 73 Resp: 433927

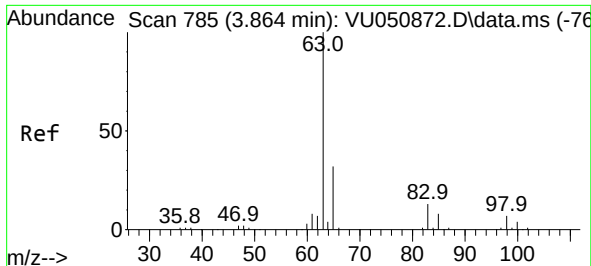
Ion Ratio Lower Upper

73 100

43 18.7 14.4 21.6

57 22.8 18.6 27.8

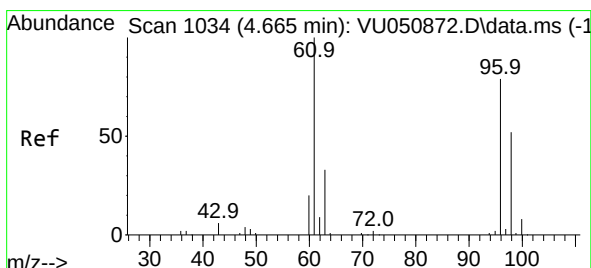
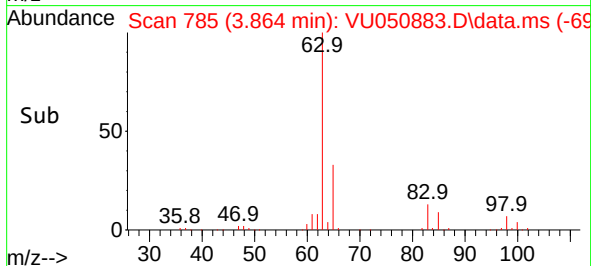
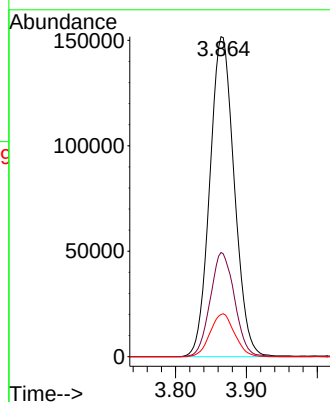
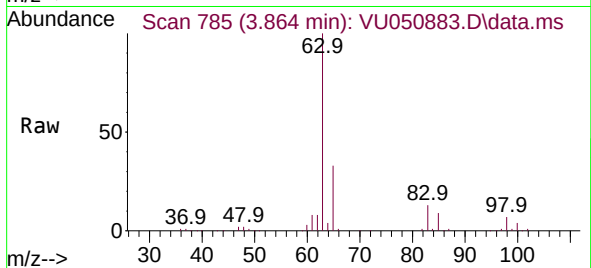




#19
1,1-Dichloroethane
Concen: 64.893 ug/L
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

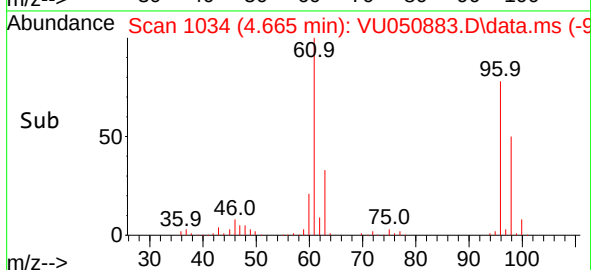
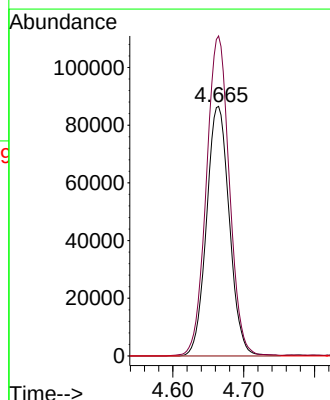
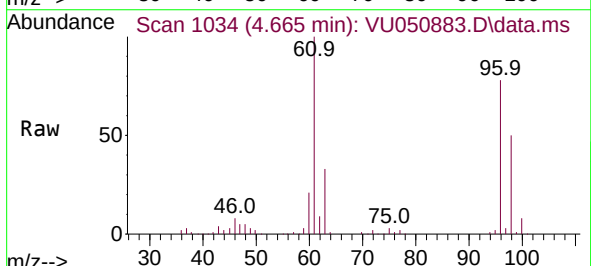
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

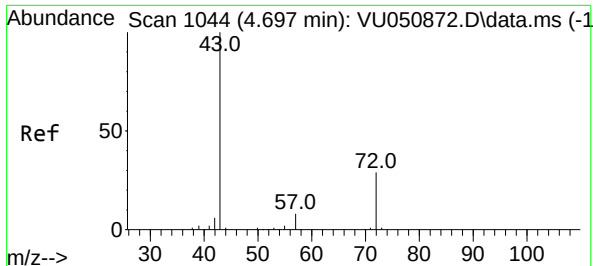
Tgt Ion: 63 Resp: 364077
Ion Ratio Lower Upper
63 100
65 32.6 21.5 39.9
83 13.2 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 62.906 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 96 Resp: 193665
Ion Ratio Lower Upper
96 100
61 128.2 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 126.249 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

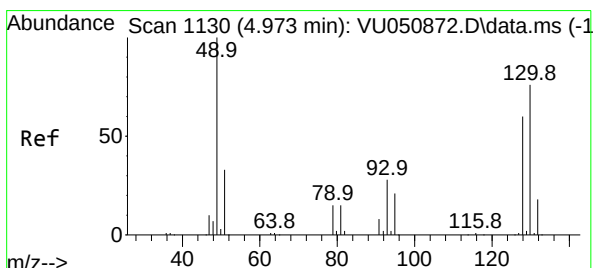
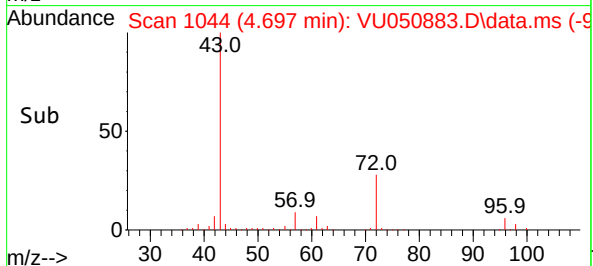
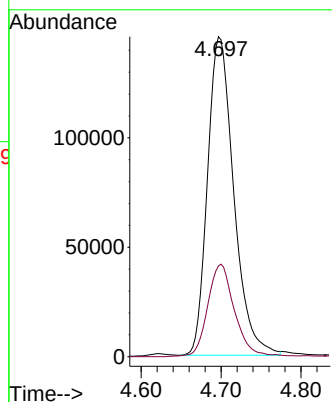
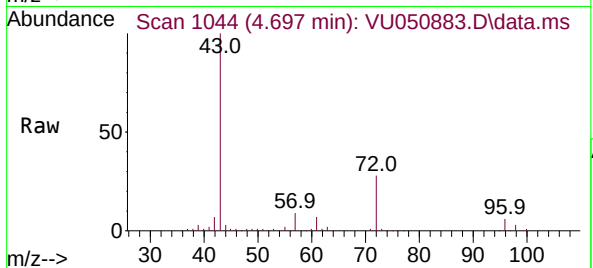
VIBLK137

Tgt Ion: 43 Resp: 332123

Ion Ratio Lower Upper

43 100

72 29.4 14.8 44.3



#23

Bromochloromethane

Concen: 51.140 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Tgt Ion:128 Resp: 82516

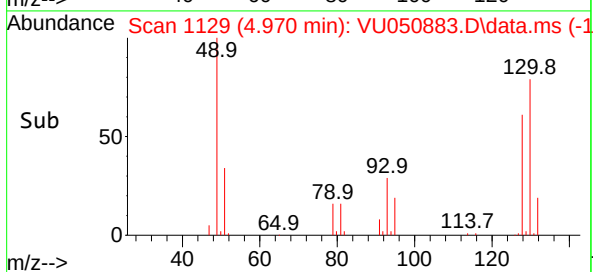
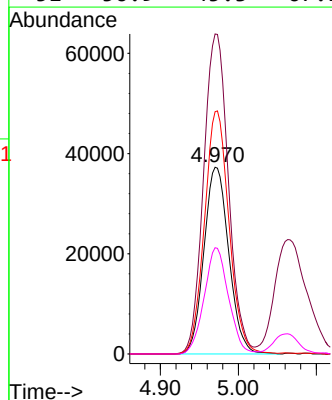
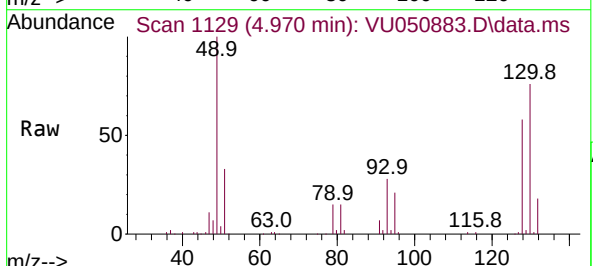
Ion Ratio Lower Upper

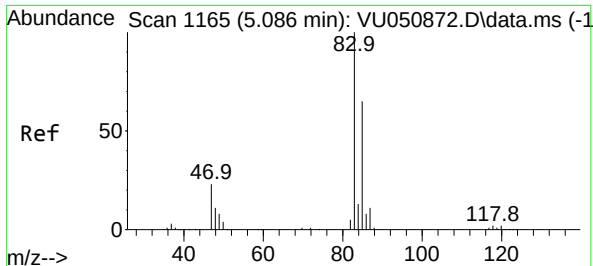
128 100

49 171.3 123.1 228.5

130 129.7 90.9 168.7

51 56.9 45.3 67.9





#25

Chloroform

Concen: 51.494 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

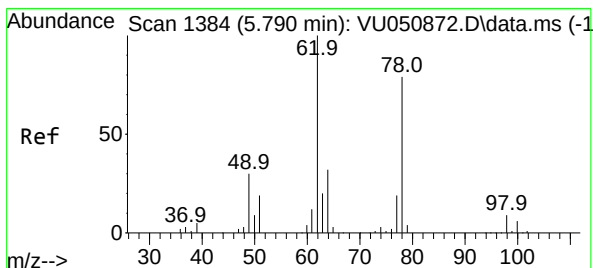
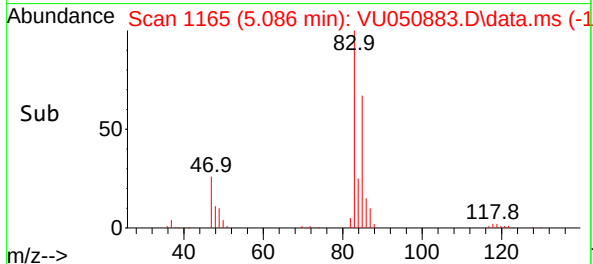
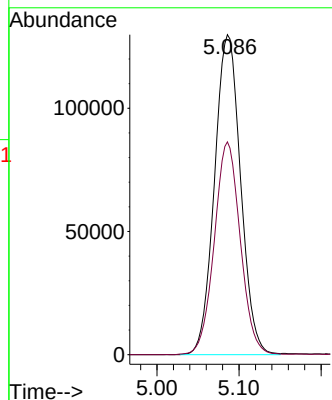
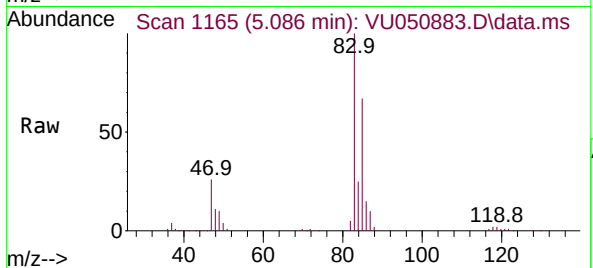
VIBLK137

Tgt Ion: 83 Resp: 287925

Ion Ratio Lower Upper

83 100

85 66.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.385 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU050883.D

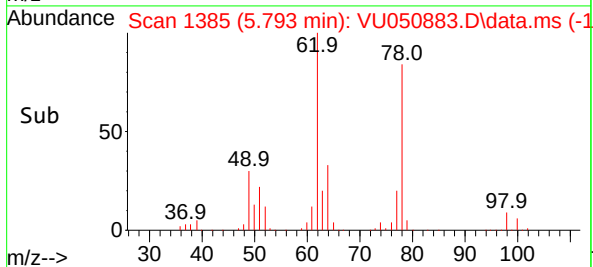
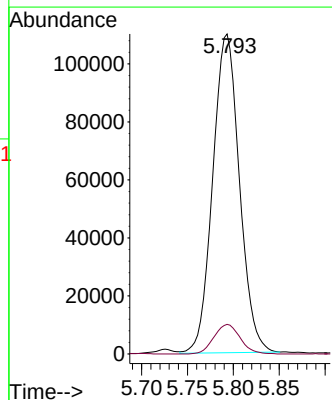
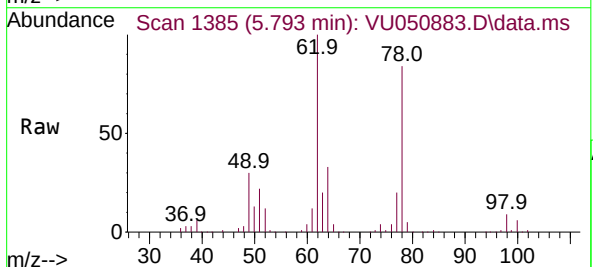
Acq: 21 Sep 2022 18:23

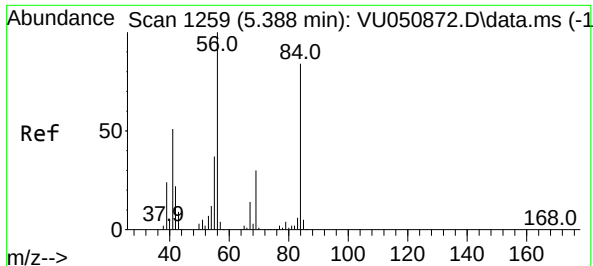
Tgt Ion: 62 Resp: 222593

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 52.071 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK137

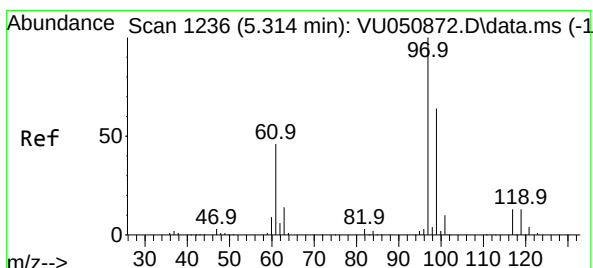
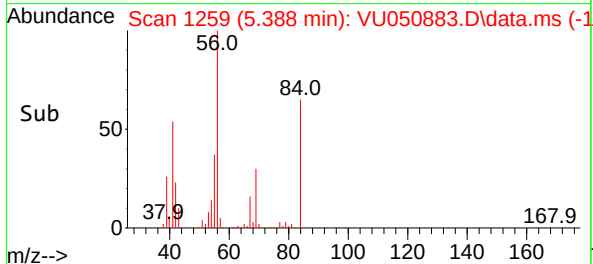
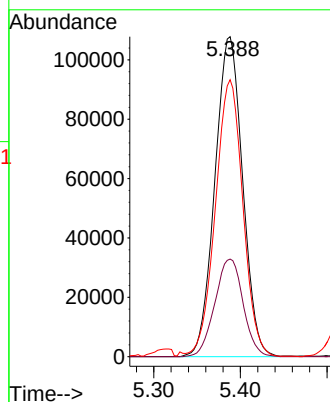
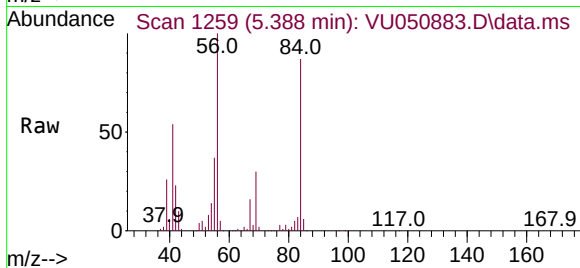
Tgt Ion: 56 Resp: 239948

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 85.5 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 59.095 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

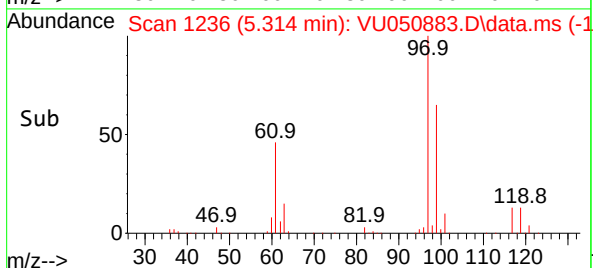
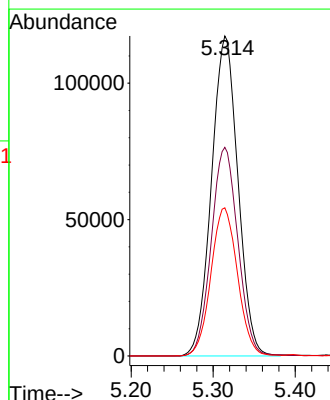
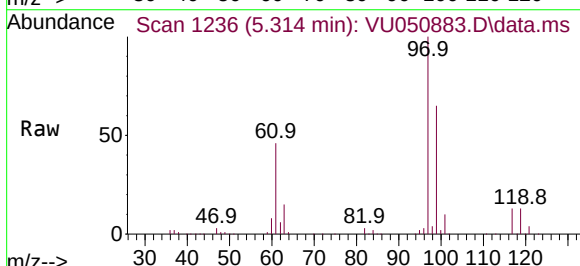
Tgt Ion: 97 Resp: 263254

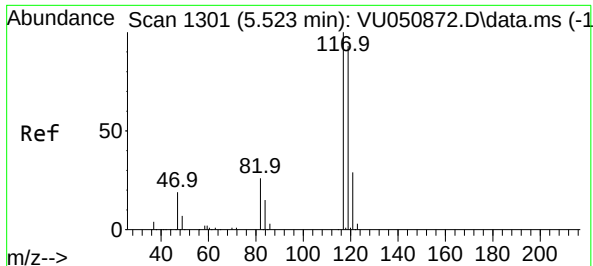
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 46.5 37.1 55.7

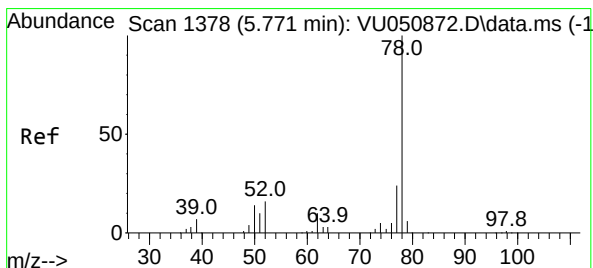
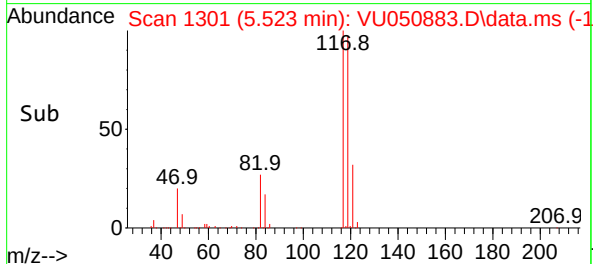
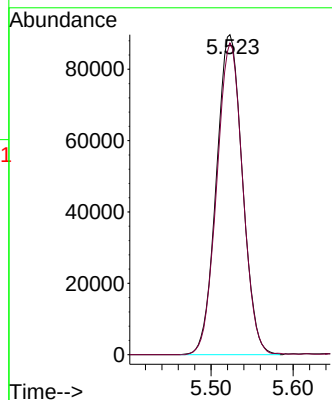
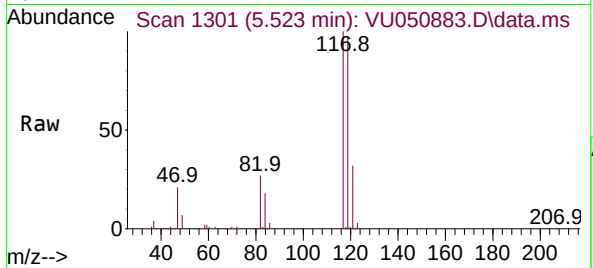




#31
Carbon tetrachloride
Concen: 53.676 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

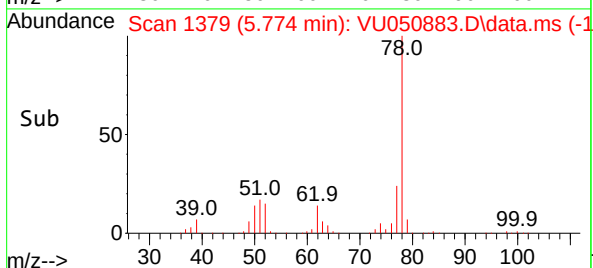
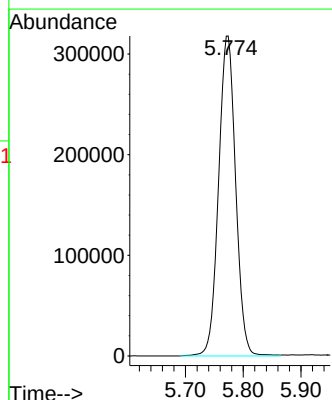
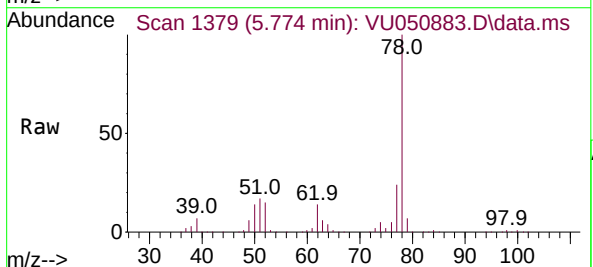
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

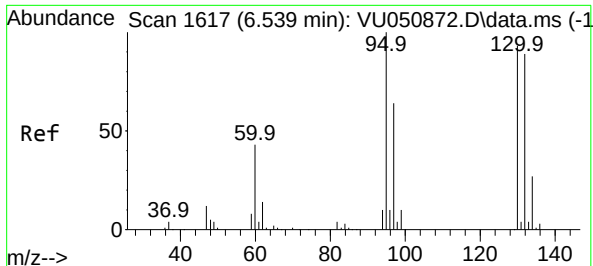
Tgt Ion:117 Resp: 198640
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0



#33
Benzene
Concen: 52.962 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 78 Resp: 652646

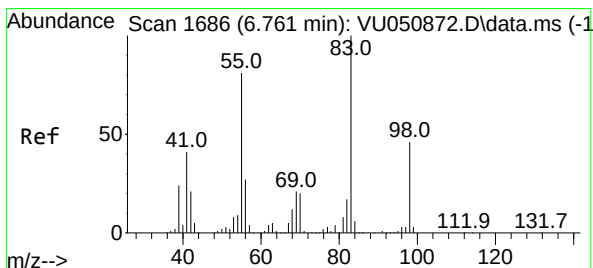
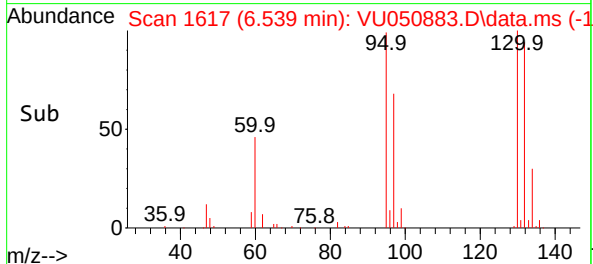
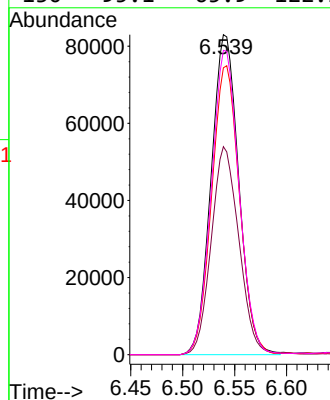
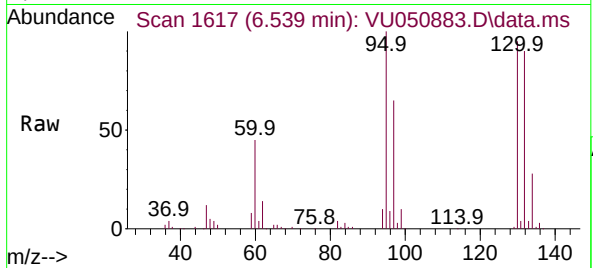




#34
Trichloroethene
Concen: 53.639 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

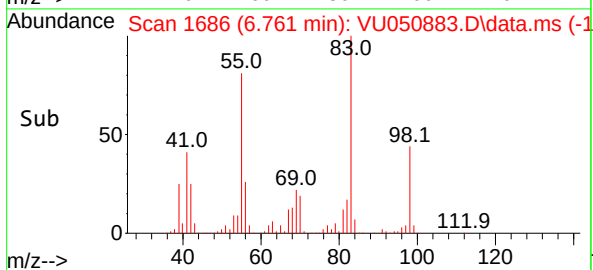
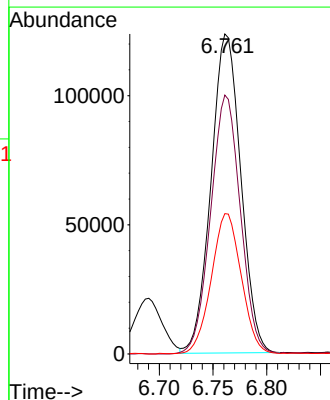
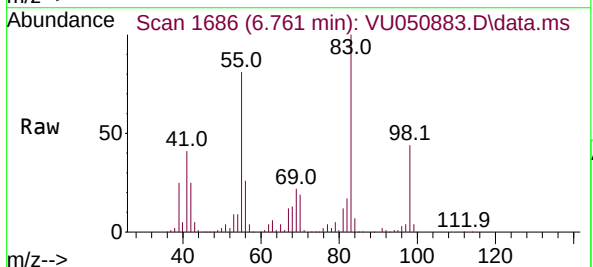
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

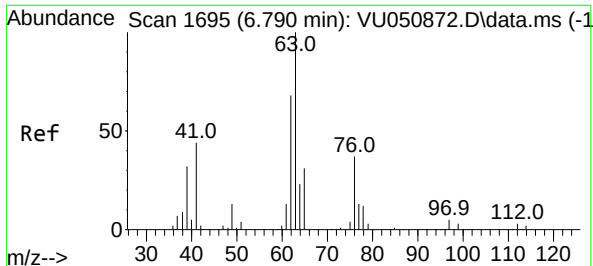
Tgt Ion: 95 Resp: 153540
Ion Ratio Lower Upper
95 100
97 65.0 43.9 81.5
132 89.6 63.1 117.1
130 95.1 65.9 122.3



#35
Methylcyclohexane
Concen: 51.667 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 83 Resp: 238298
Ion Ratio Lower Upper
83 100
55 81.0 64.7 97.1
98 44.1 35.2 52.8





#37

1,2-Dichloropropane

Concen: 51.864 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

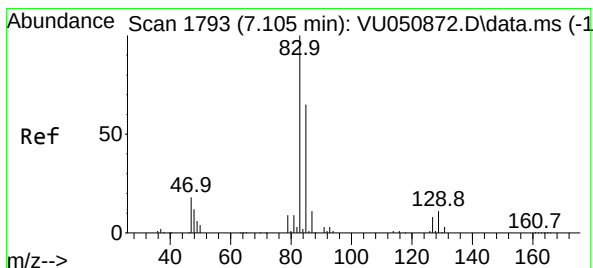
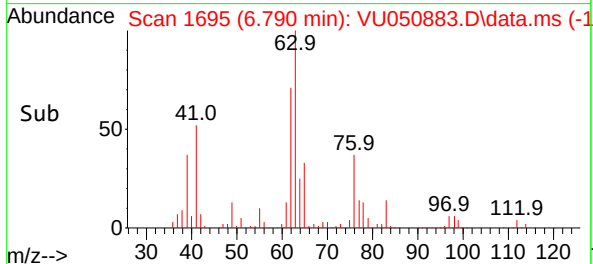
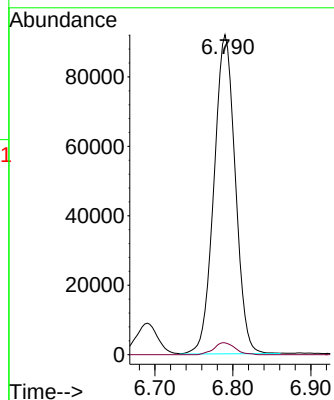
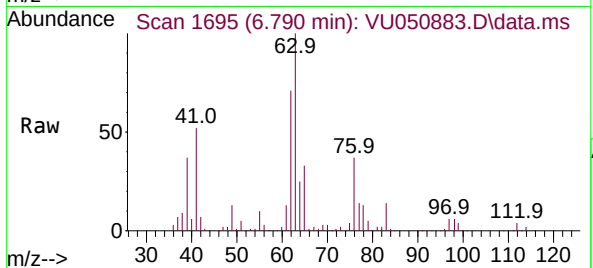
VIBLK137

Tgt Ion: 63 Resp: 174887

Ion Ratio Lower Upper

63 100

112 3.7 2.9 4.3



#38

Bromodichloromethane

Concen: 52.720 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

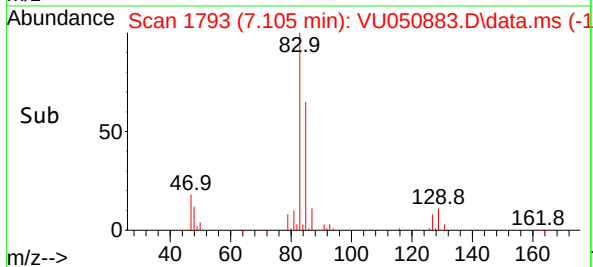
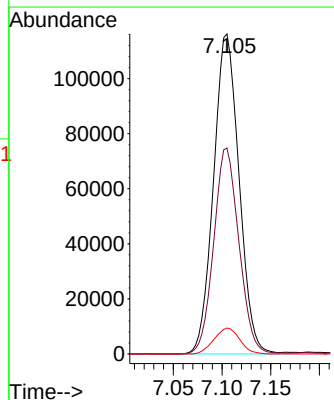
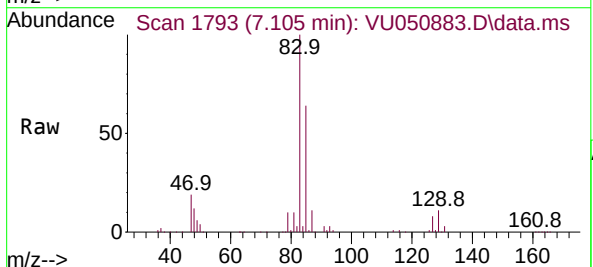
Tgt Ion: 83 Resp: 211806

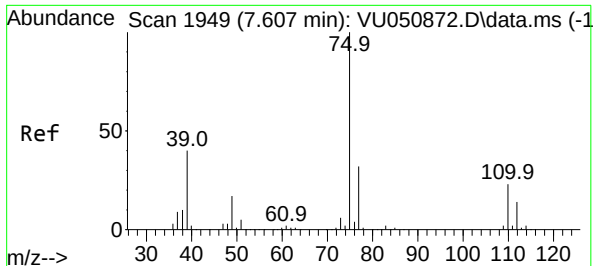
Ion Ratio Lower Upper

83 100

85 64.4 44.3 82.3

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 50.826 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

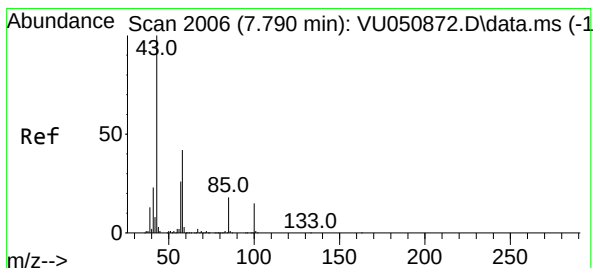
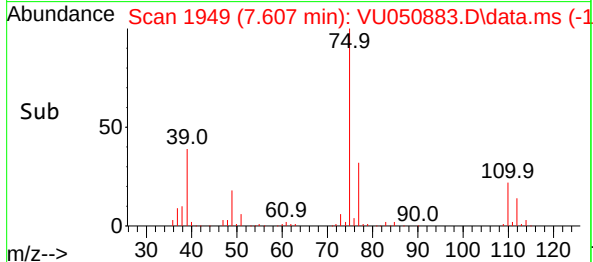
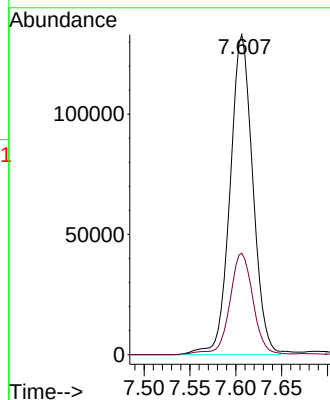
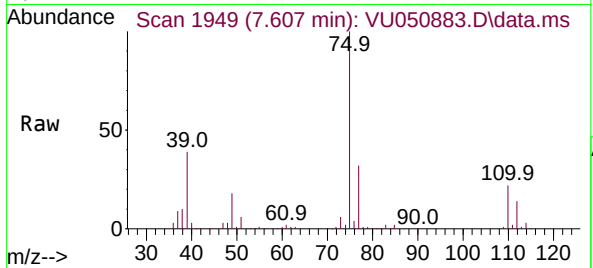
VIBLK137

Tgt Ion: 75 Resp: 229349

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 122.403 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

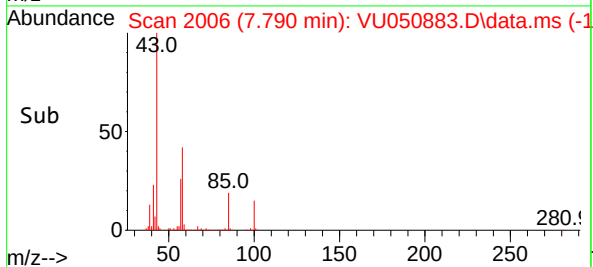
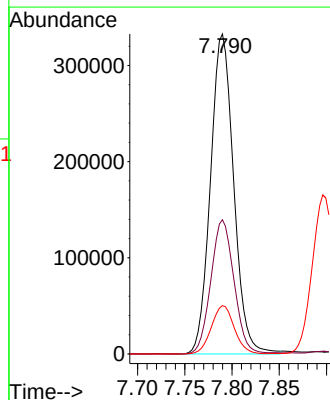
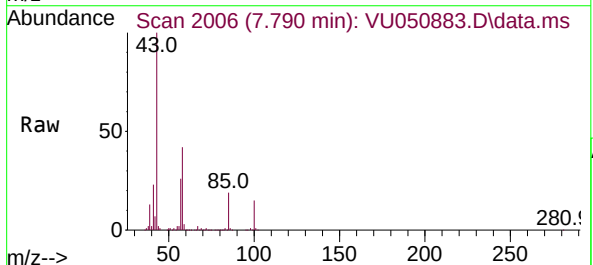
Tgt Ion: 43 Resp: 568829

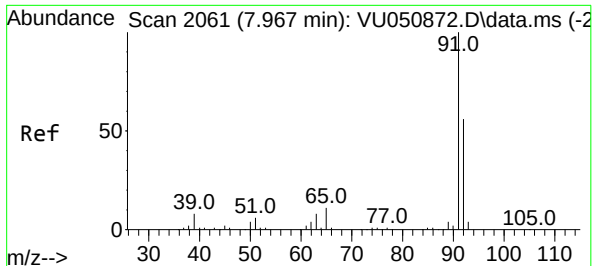
Ion Ratio Lower Upper

43 100

58 41.8 33.8 50.6

100 15.0 12.0 18.0





#42

Toluene

Concen: 54.958 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

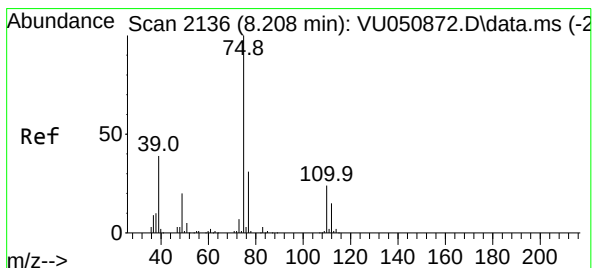
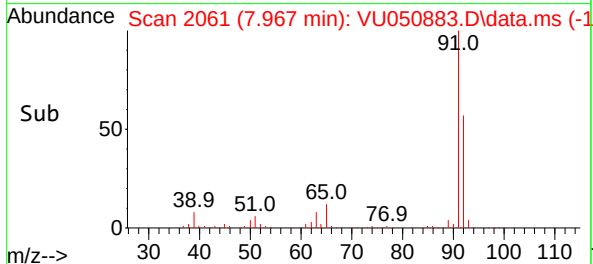
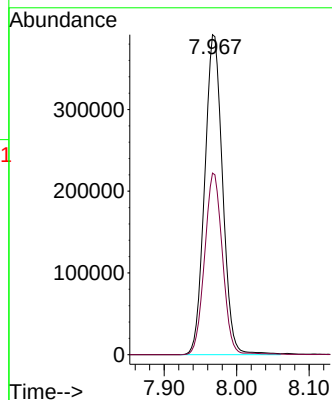
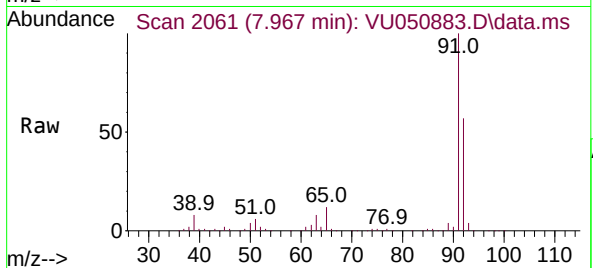
VIBLK137

Tgt Ion: 91 Resp: 672312

Ion Ratio Lower Upper

91 100

92 56.8 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 50.836 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU050883.D

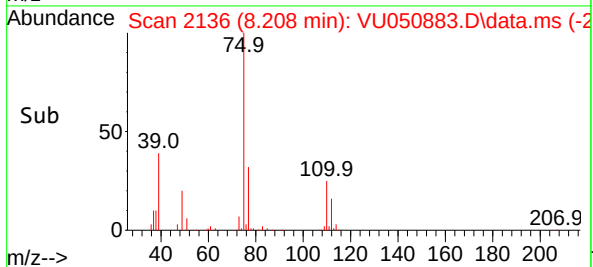
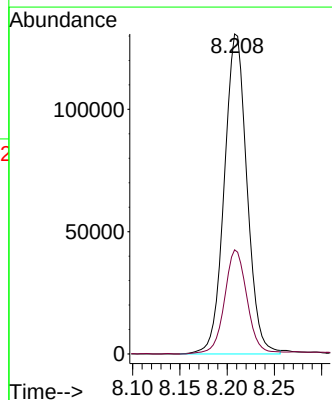
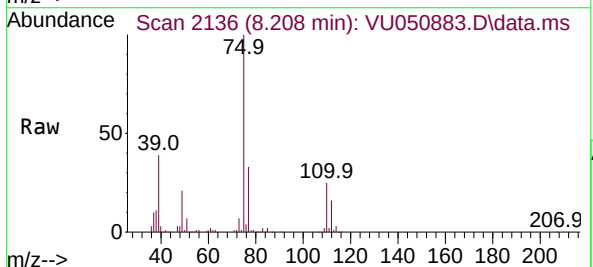
Acq: 21 Sep 2022 18:23

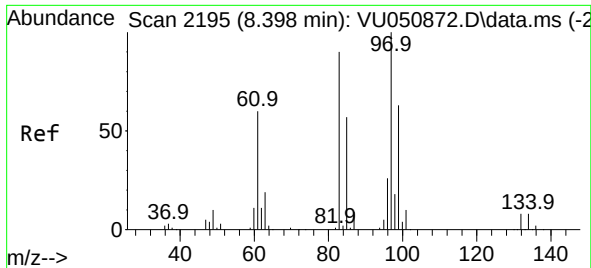
Tgt Ion: 75 Resp: 218216

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



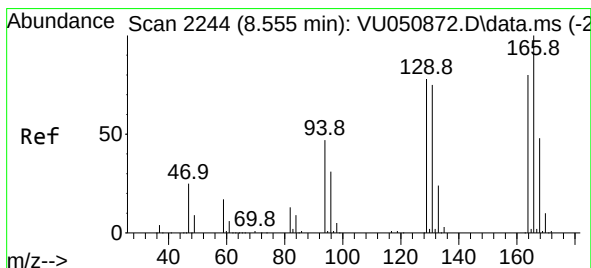
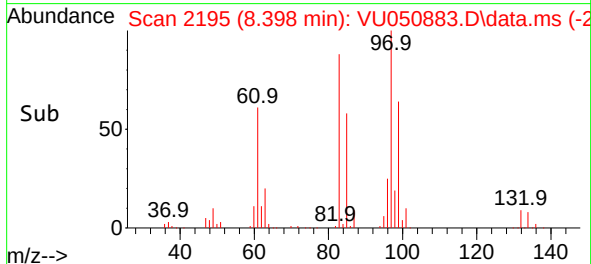
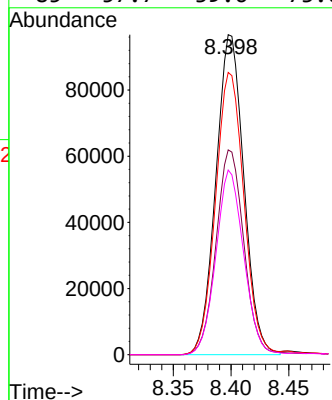
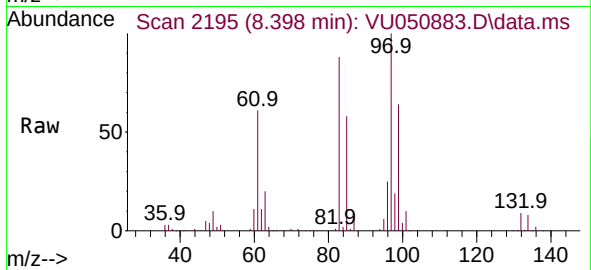


#45
1,1,2-Trichloroethane
Concen: 52.533 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

Tgt Ion: 97 Resp: 163246

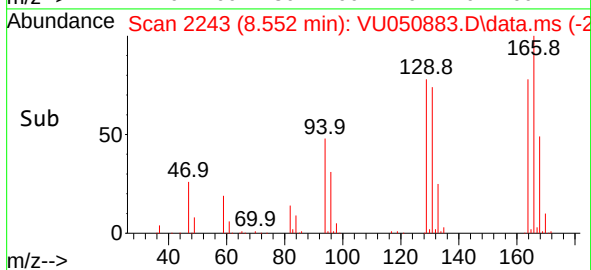
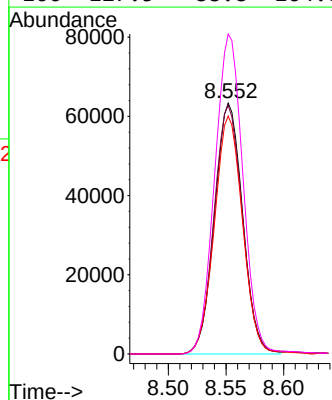
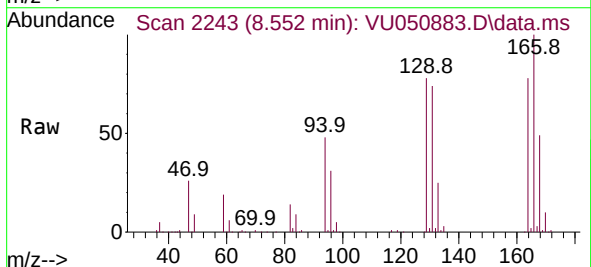
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.8	81.4
83	88.2	62.6	116.3
85	57.7	39.6	73.6

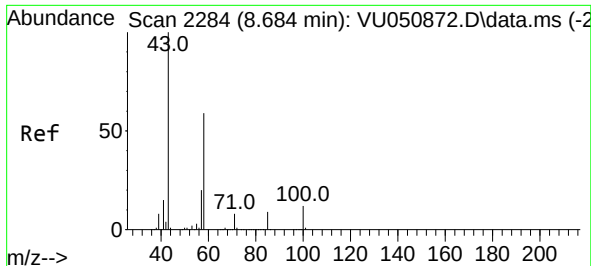


#46
Tetrachloroethene
Concen: 52.125 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 164 Resp: 107221

Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.5	127.3
131	94.8	66.1	122.7
166	127.5	88.8	164.8

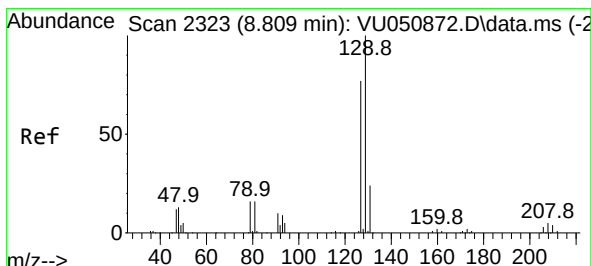
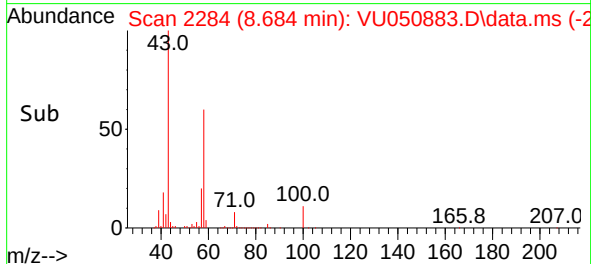
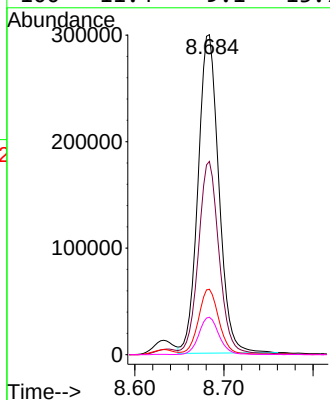
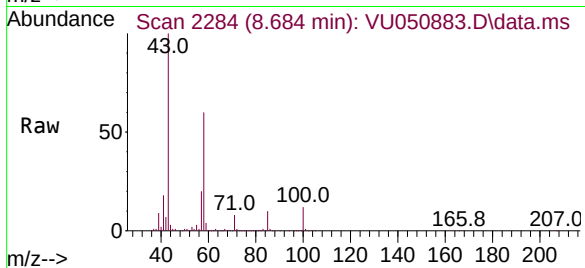




#48
2-Hexanone
Concen: 124.656 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

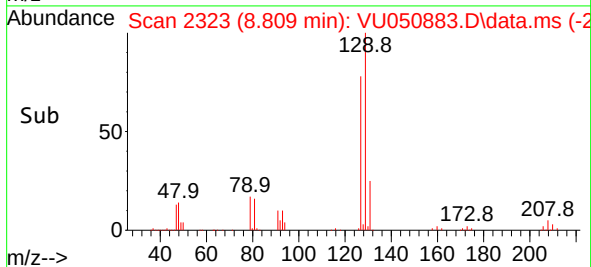
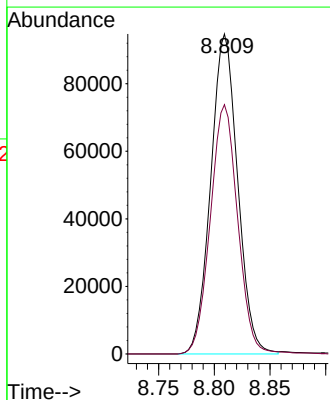
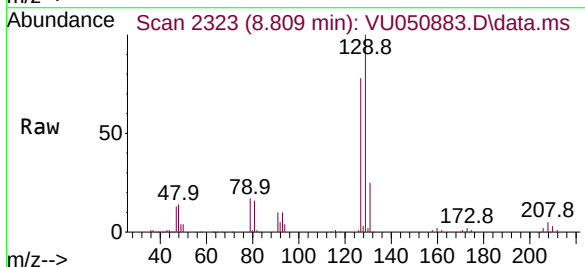
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

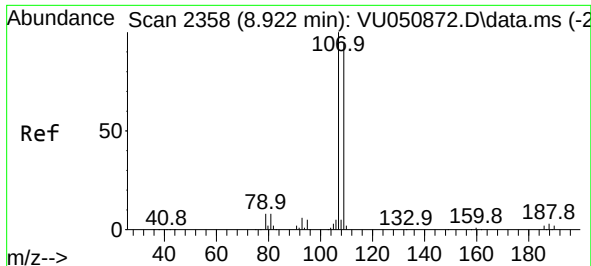
Tgt Ion:	43	Resp:	484060
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.2	70.8
57	20.6	16.2	24.4
100	11.4	9.1	13.7



#49
Dibromochloromethane
Concen: 52.299 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:	129	Resp:	159352
Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.1

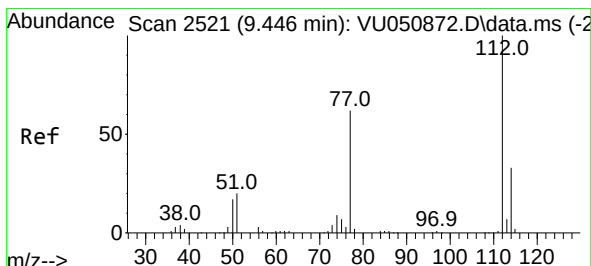
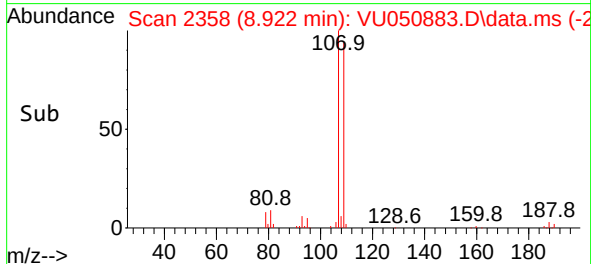
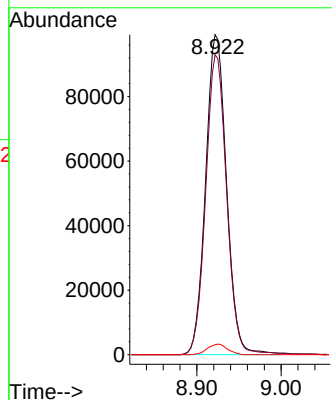
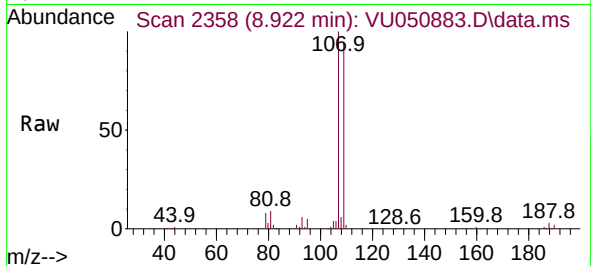




#50
1,2-Dibromoethane
Concen: 53.167 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

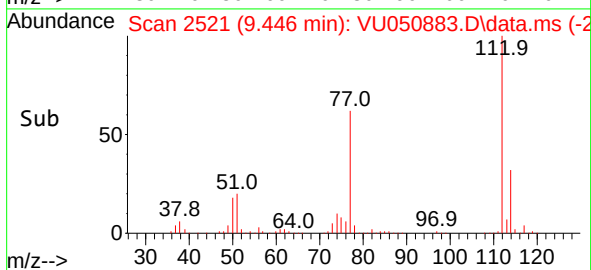
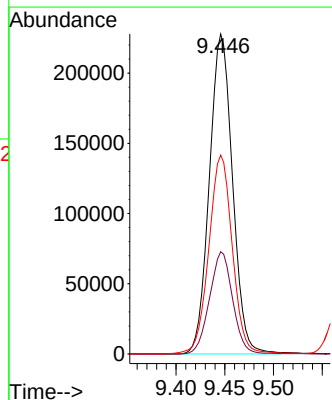
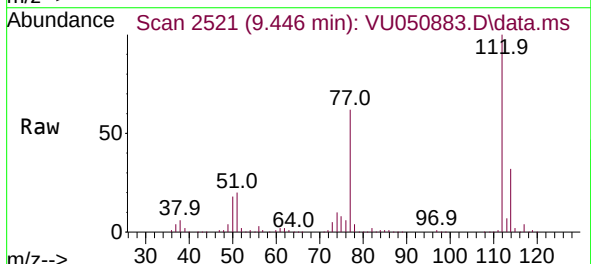
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

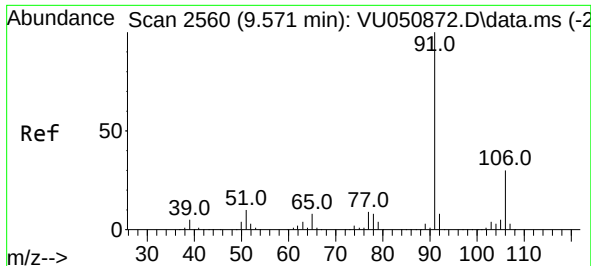
Tgt Ion:107 Resp: 171416
Ion Ratio Lower Upper
107 100
109 93.7 66.0 122.6
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 50.495 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:112 Resp: 377121
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 62.1 49.8 74.8

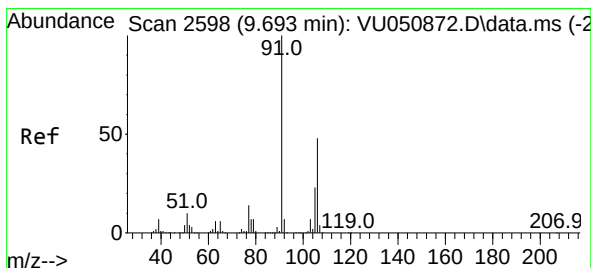
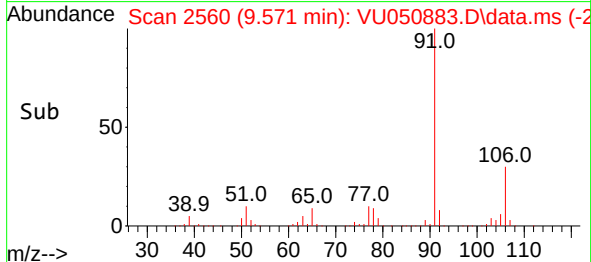
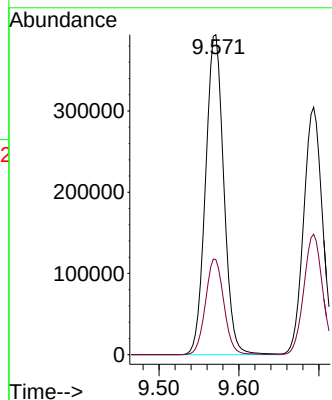
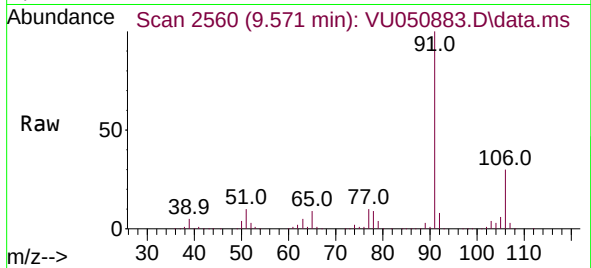




#52
Ethylbenzene
Concen: 51.323 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

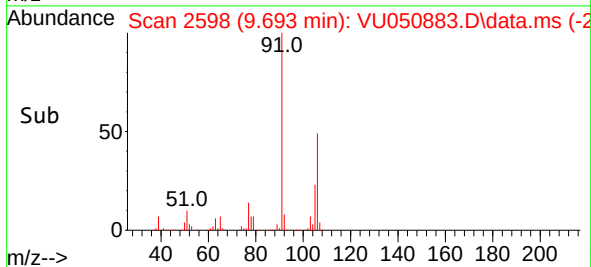
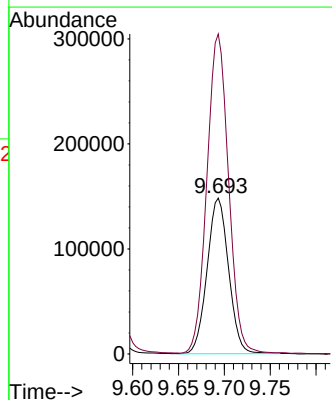
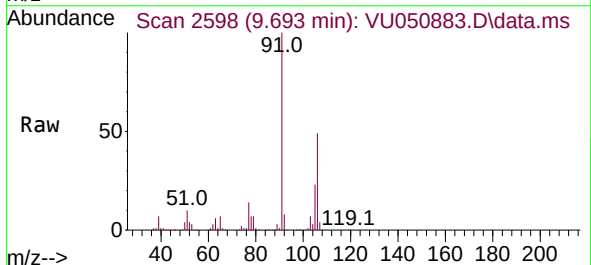
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

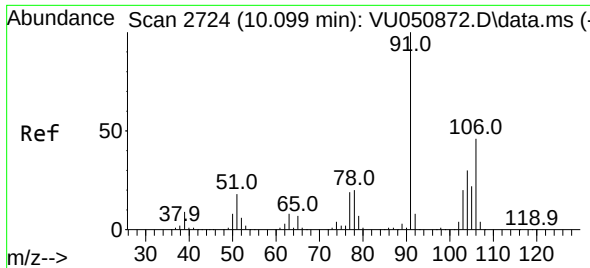
Tgt Ion: 91 Resp: 626341
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0



#53
m,p-Xylene
Concen: 53.194 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 106 Resp: 241352
Ion Ratio Lower Upper
106 100
91 205.4 144.0 267.4

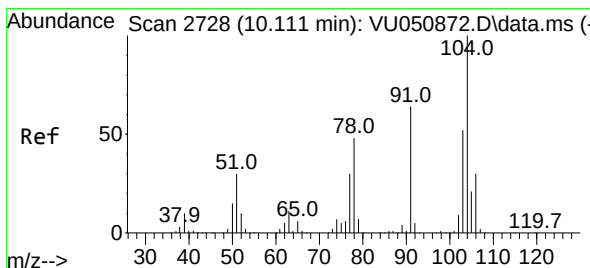
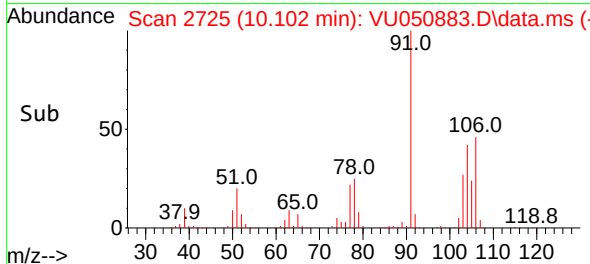
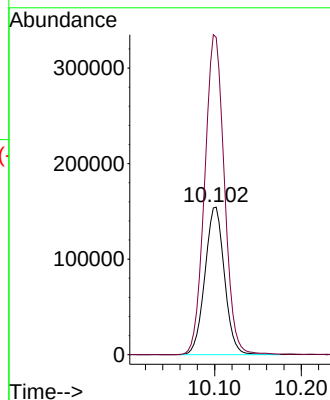
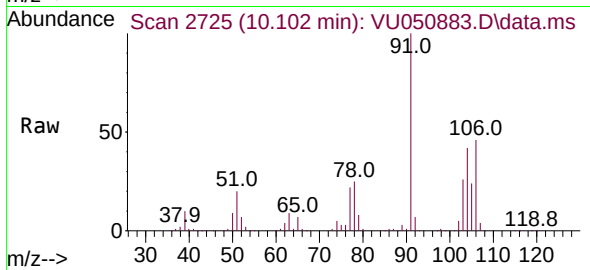




#54
o-Xylene
Concen: 53.508 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

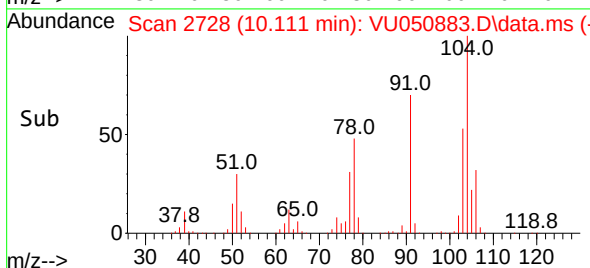
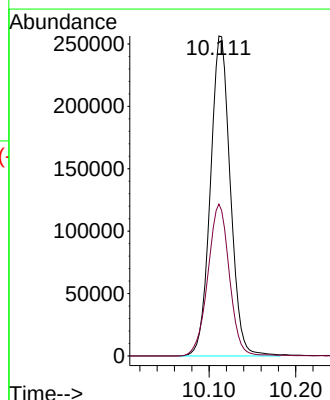
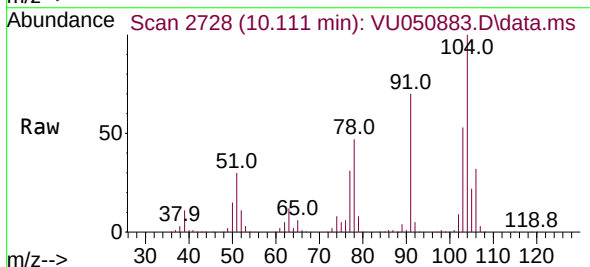
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

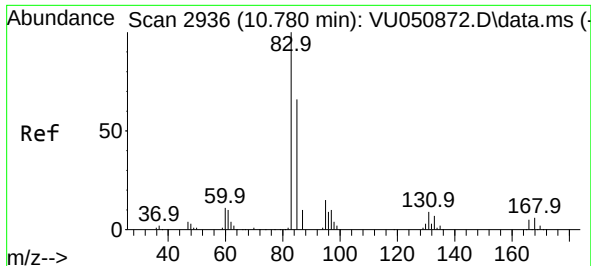
Tgt Ion:106 Resp: 241896
Ion Ratio Lower Upper
106 100
91 215.1 154.6 287.0



#55
Styrene
Concen: 52.979 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:104 Resp: 410637
Ion Ratio Lower Upper
104 100
78 47.5 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 52.865 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK137

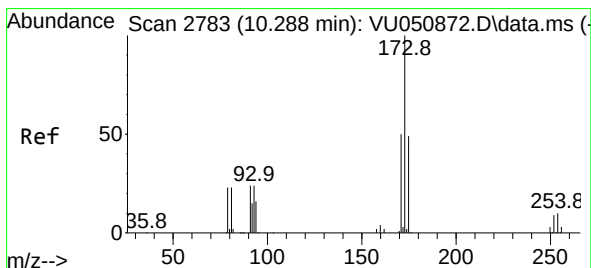
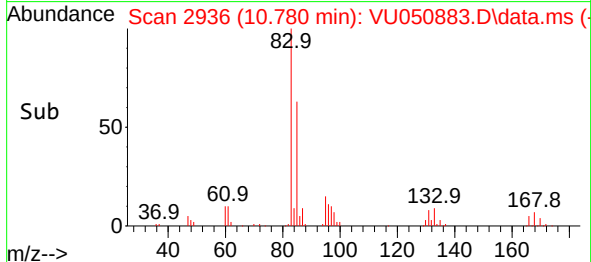
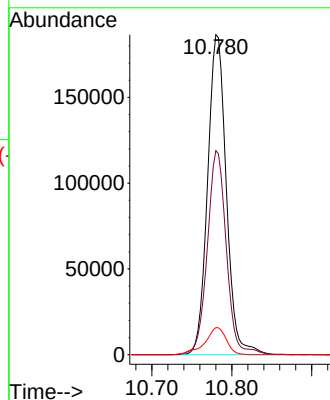
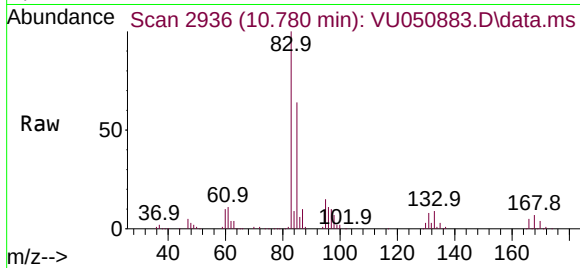
Tgt Ion: 83 Resp: 303977

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

131 8.5 7.1 10.7



#59

Bromoform

Concen: 53.823 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

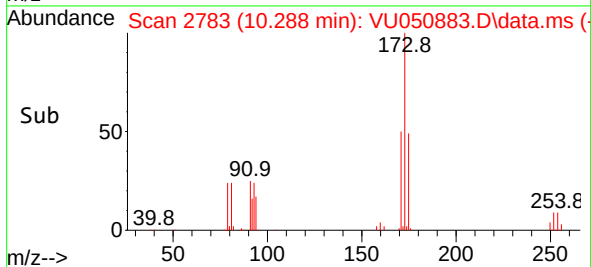
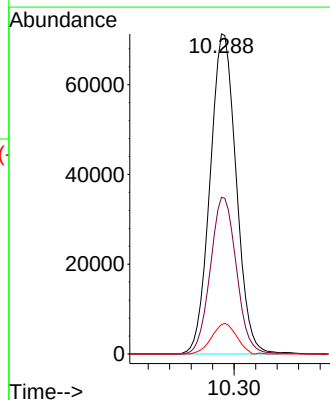
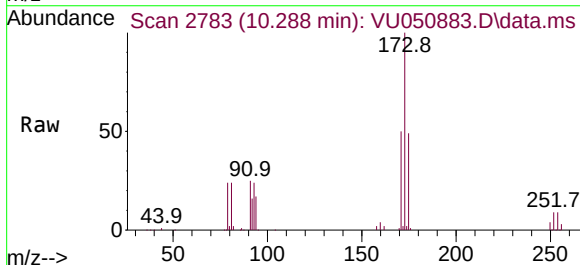
Tgt Ion:173 Resp: 120407

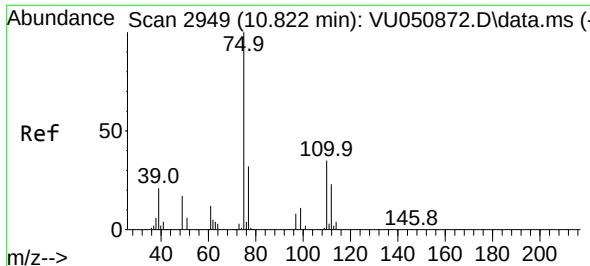
Ion Ratio Lower Upper

173 100

175 48.8 37.8 56.8

254 9.1 7.1 10.7

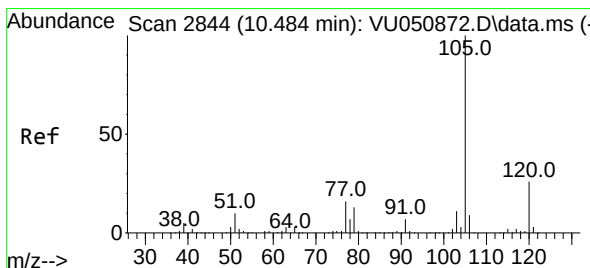
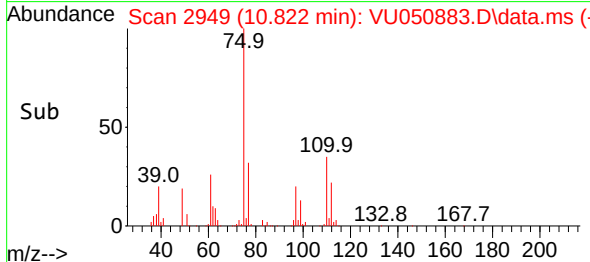
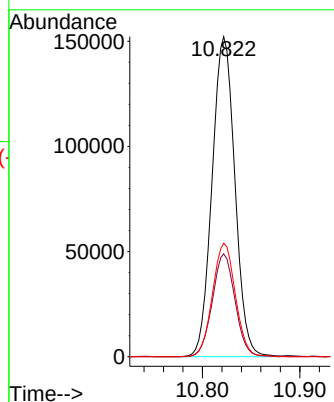
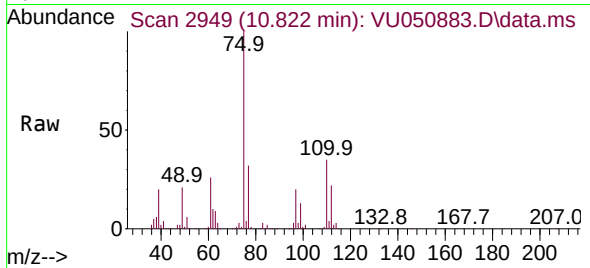




#60
1,2,3-Trichloropropane
Concen: 56.701 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

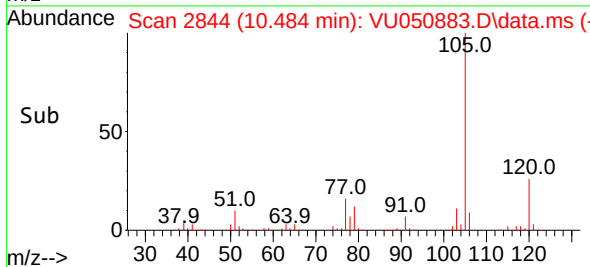
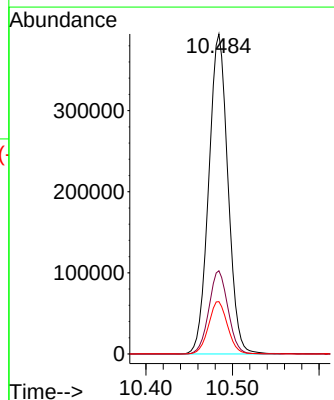
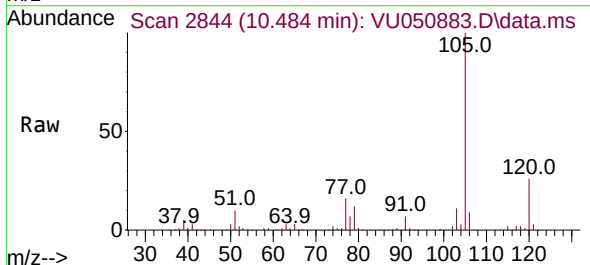
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

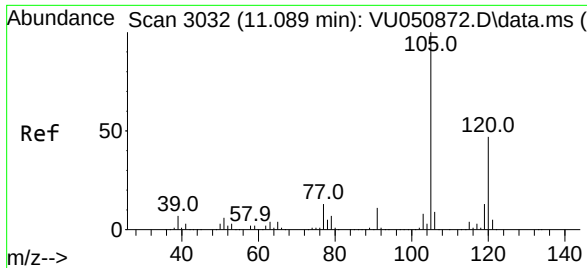
Tgt Ion: 75 Resp: 247196
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
110 35.6 28.6 43.0



#61
Isopropylbenzene
Concen: 54.763 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion: 105 Resp: 606584
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.3 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 53.271 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050883.D

Acq: 21 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

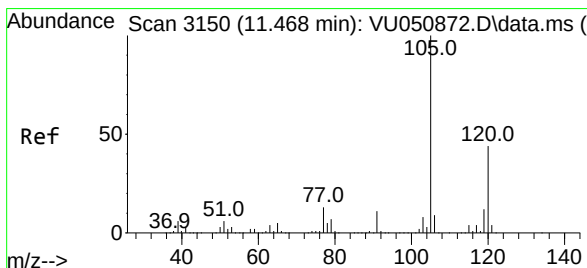
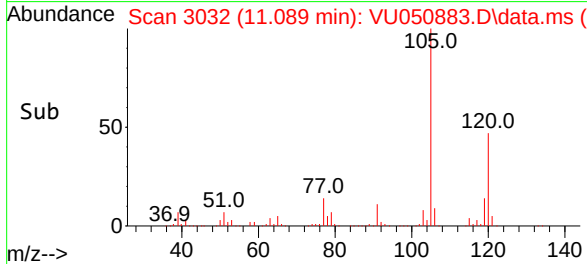
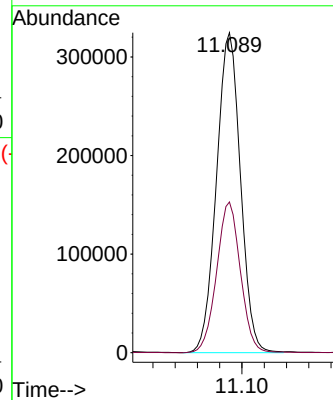
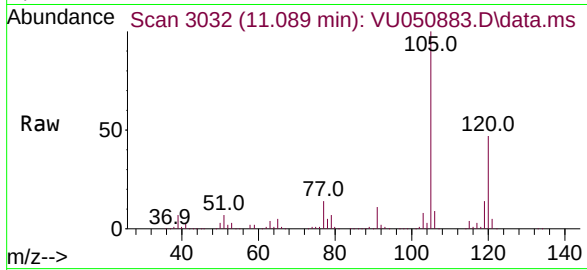
VIBLK137

Tgt Ion:105 Resp: 485054

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 53.049 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050883.D

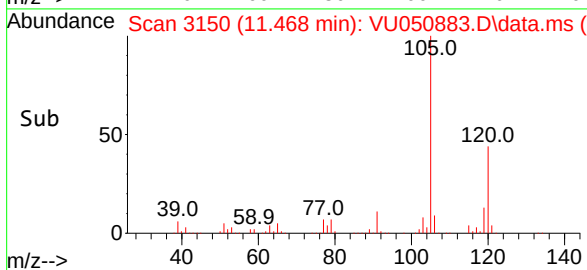
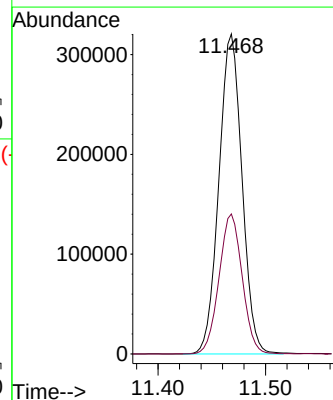
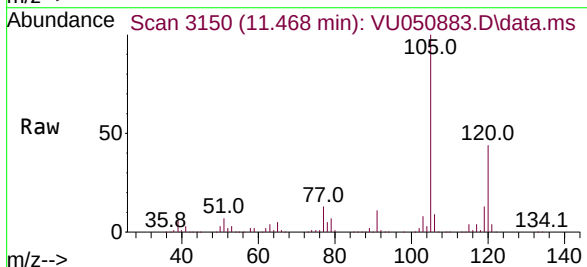
Acq: 21 Sep 2022 18:23

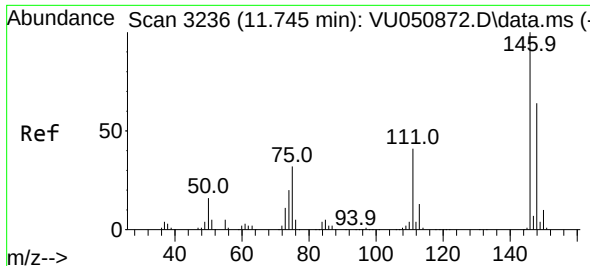
Tgt Ion:105 Resp: 478361

Ion Ratio Lower Upper

105 100

120 44.0 34.9 52.3

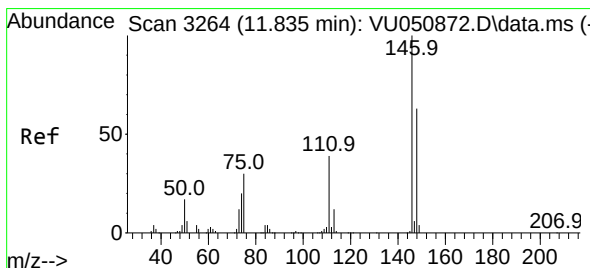
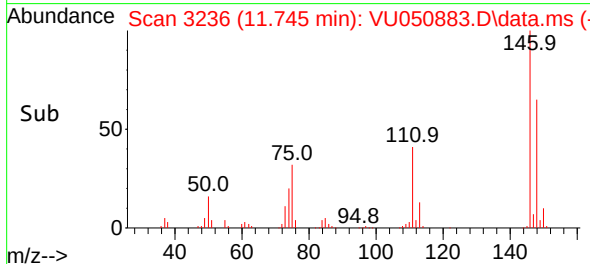
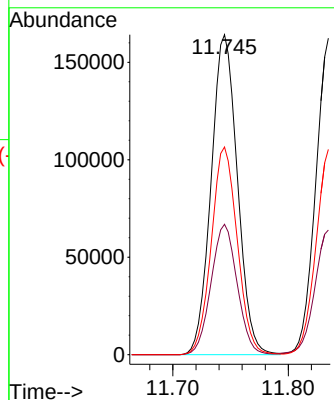
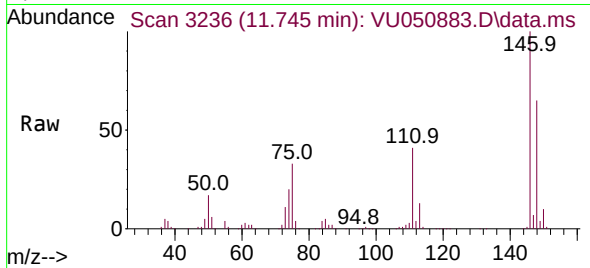




#64
1,3-Dichlorobenzene
Concen: 51.262 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

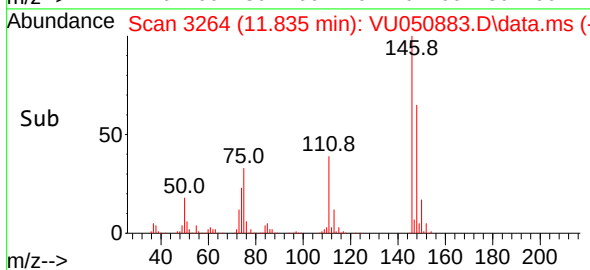
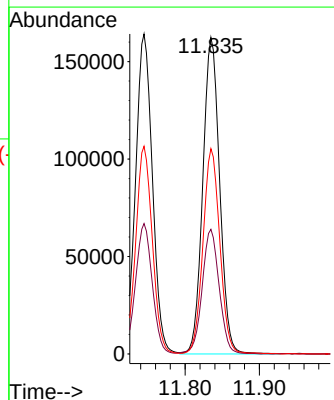
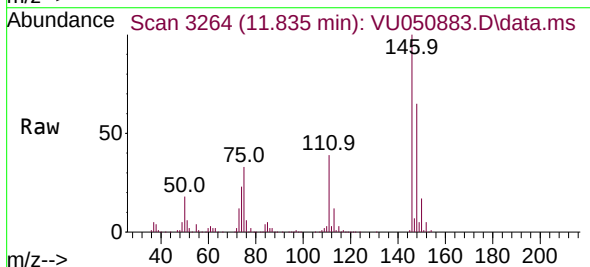
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

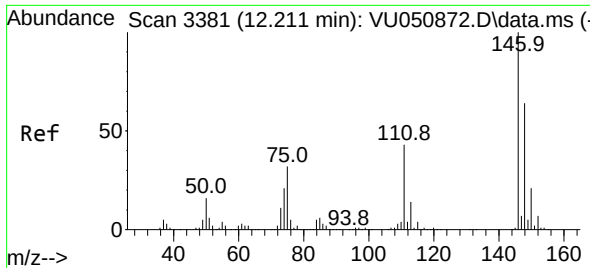
Tgt Ion:146 Resp: 259656
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.7
148 64.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.794 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:146 Resp: 256060
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 64.8 45.4 84.2

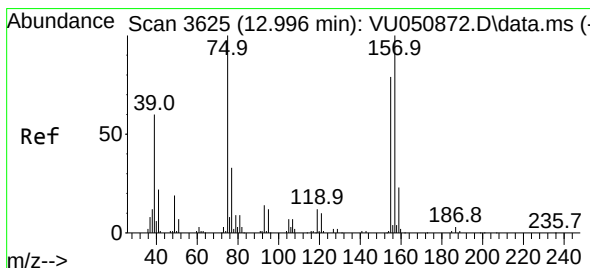
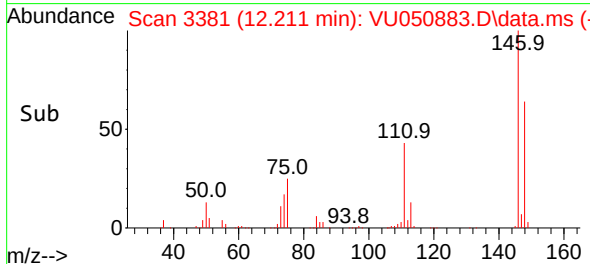
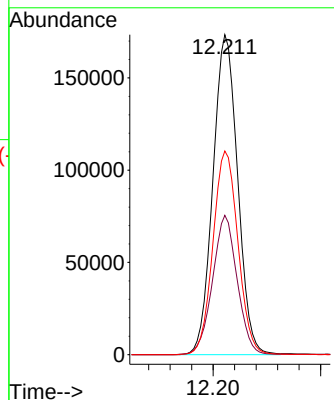
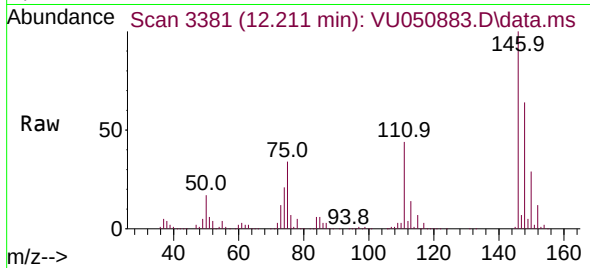




#67
1,2-Dichlorobenzene
Concen: 51.611 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

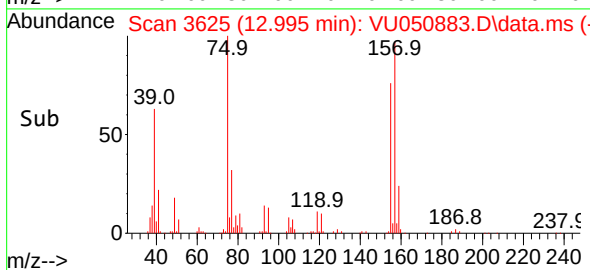
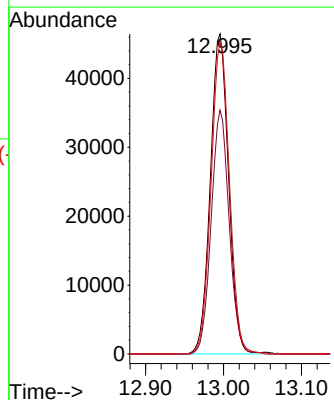
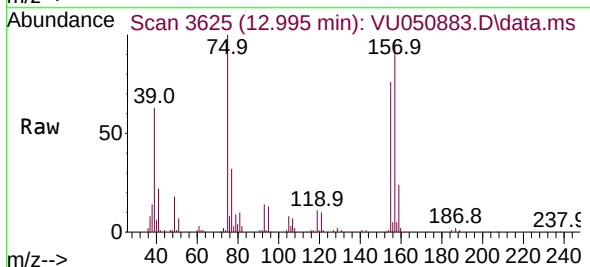
Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

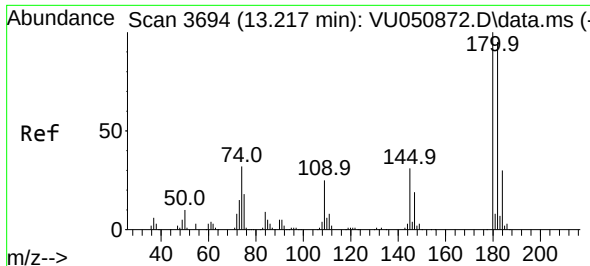
Tgt Ion:146 Resp: 276806
Ion Ratio Lower Upper
146 100
111 43.6 35.2 52.8
148 63.7 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 63.070 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

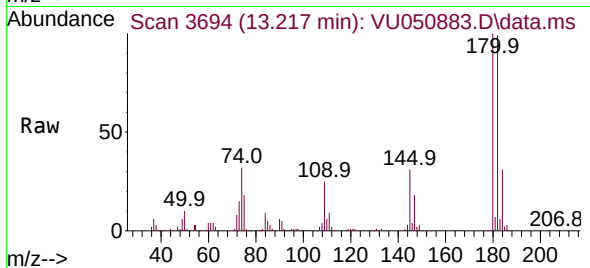
Tgt Ion: 75 Resp: 75625
Ion Ratio Lower Upper
75 100
155 76.2 63.8 95.8
157 97.4 81.8 122.8



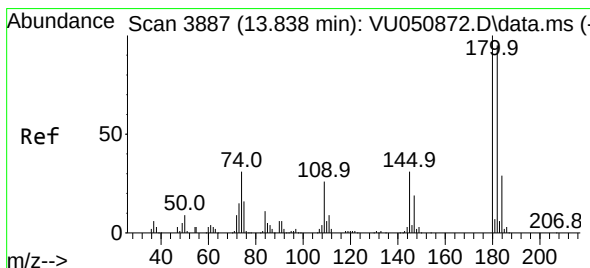
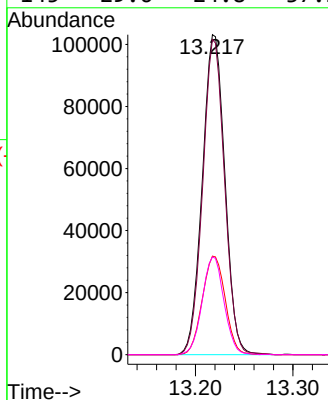
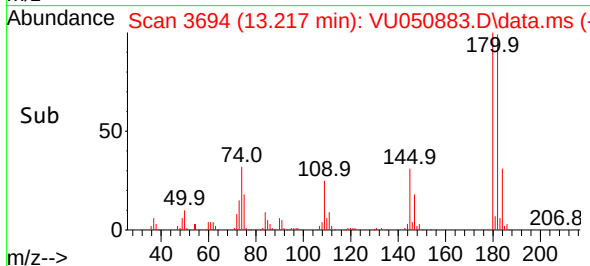


#69
 1,3,5-Trichlorobenzene
 Concen: 46.763 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23

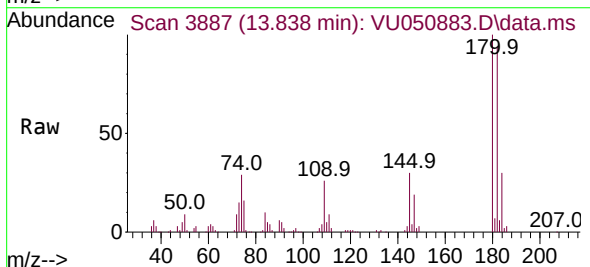
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK137



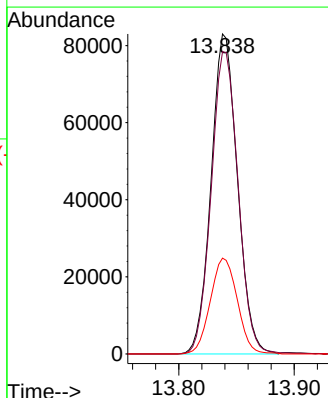
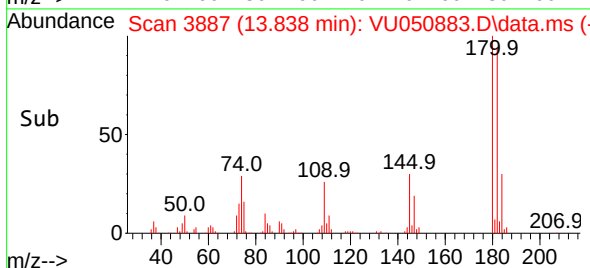
Tgt Ion:180 Resp: 165726
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.2 117.2
 184 31.3 24.8 37.2
 145 29.6 24.8 37.2

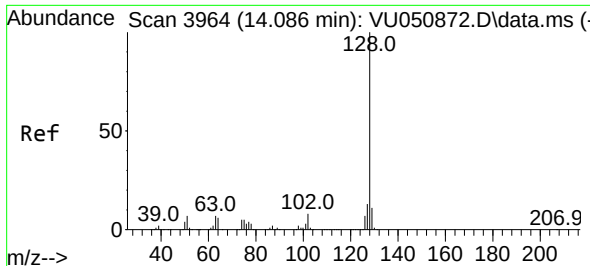


#70
 1,2,4-trichlorobenzene
 Concen: 45.363 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU050883.D
 Acq: 21 Sep 2022 18:23



Tgt Ion:180 Resp: 131561
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.2 114.2
 145 30.6 25.1 37.7

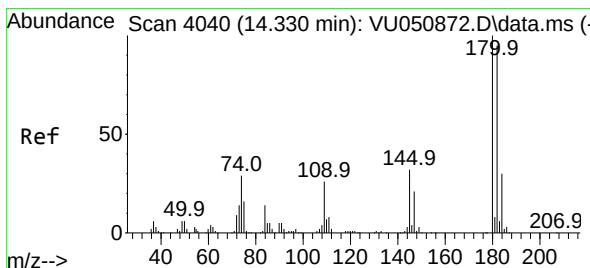
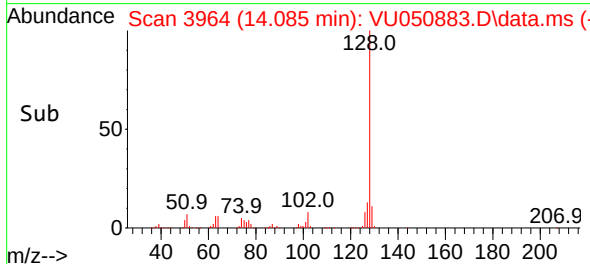
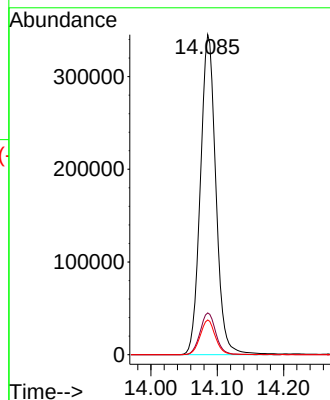
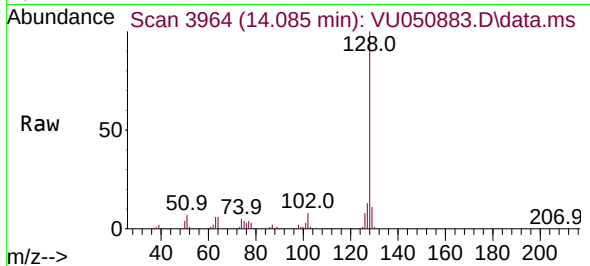




#71
Naphthalene
Concen: 50.443 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK137

Tgt Ion:128 Resp: 562250
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.699 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050883.D
Acq: 21 Sep 2022 18:23

Tgt Ion:180 Resp: 158072
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 32.9 26.3 39.5

