

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092122\
 Data File : VU050887.D
 Acq On : 21 Sep 2022 19:58
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050090

Quant Time: Sep 22 02:16:31 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	301641	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	279895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	117718	37.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.340%
7) Chloroethane-d5	1.900	69	96223	43.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.460%
11) 1,1-Dichloroethene-d2	2.565	63	213008	43.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
21) 2-Butanone-d5	4.620	46	275752	136.672	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.670%#
24) Chloroform-d	5.060	84	222914	45.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
26) 1,2-Dichloroethane-d4	5.700	65	137108	45.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	5.726	84	428259	46.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
36) 1,2-Dichloropropane-d6	6.690	67	146112	46.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.900%
41) Toluene-d8	7.896	98	369891	45.900	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	57606	42.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.100%
47) 2-Hexanone-d5	8.632	63	158487	123.586	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.590%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	231417	48.777	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	12.192	152	118325	44.781	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	167329	53.573	ug/L	100
3) Chloromethane	1.517	50	181505	49.986	ug/L	98
5) Vinyl chloride	1.601	62	188908	53.141	ug/L	99
6) Bromomethane	1.842	94	101566	56.555	ug/L	100
8) Chloroethane	1.922	64	109464	55.616	ug/L	98
9) Trichlorofluoromethane	2.131	101	216701	56.200	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	134441	54.473	ug/L	99
12) 1,1-Dichloroethene	2.575	96	123872	53.417	ug/L	91
13) Acetone	2.626	43	210782	123.380	ug/L	99
14) Carbon disulfide	2.787	76	366756	50.014	ug/L	100
15) Methyl Acetate	2.945	43	208526	64.679	ug/L	99
16) Methylene chloride	3.041	84	147629	45.848	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	120906	50.869	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	369253	50.961	ug/L	99
19) 1,1-Dichloroethane	3.867	63	247490	51.533	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	133608	50.698	ug/L	98
22) 2-Butanone	4.700	43	313758	139.330	ug/L	98
23) Bromochloromethane	4.973	128	70884	51.320	ug/L	97
25) Chloroform	5.086	83	253005	52.860	ug/L	97

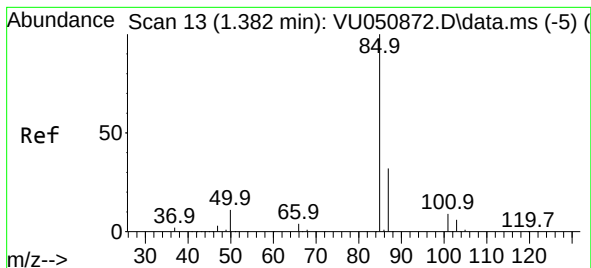
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
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 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	190851	52.470	ug/L	97
29) Cyclohexane	5.388	56	214471	55.680	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	215105	57.767	ug/L	99
31) Carbon tetrachloride	5.523	117	177011	57.222	ug/L	98
33) Benzene	5.774	78	573386	55.666	ug/L	100
34) Trichloroethene	6.539	95	133463	55.780	ug/L	99
35) Methylcyclohexane	6.761	83	208403	54.057	ug/L	99
37) 1,2-Dichloropropane	6.790	63	151373	53.704	ug/L	100
38) Bromodichloromethane	7.105	83	184293	54.878	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	186284	49.388	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	505902	130.236	ug/L	100
42) Toluene	7.967	91	569927	55.735	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	180614	50.337	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	141141	54.337	ug/L	99
46) Tetrachloroethene	8.552	164	92657	53.888	ug/L	99
48) 2-Hexanone	8.684	43	452766	139.489	ug/L	99
49) Dibromochloromethane	8.809	129	136440	53.571	ug/L	99
50) 1,2-Dibromoethane	8.922	107	145404	53.953	ug/L	99
51) Chlorobenzene	9.446	112	316934	50.768	ug/L	99
52) Ethylbenzene	9.568	91	527687	51.728	ug/L	99
53) m,p-Xylene	9.693	106	202243	53.326	ug/L	97
54) o-Xylene	10.099	106	199582	52.816	ug/L	98
55) Styrene	10.111	104	343066	52.952	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	252856	52.608	ug/L	99
59) Bromoform	10.288	173	102536	56.292	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	211110	59.472	ug/L	99
61) Isopropylbenzene	10.484	105	514950	57.098	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	395037	53.283	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	390167	53.141	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	209243	50.735	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	206188	49.244	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	225540	51.647	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	68042	69.694	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	134075	46.464	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	106760	45.210	ug/L	100
71) Naphthalene	14.086	128	459513	50.632	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	132708	50.213	ug/L	99

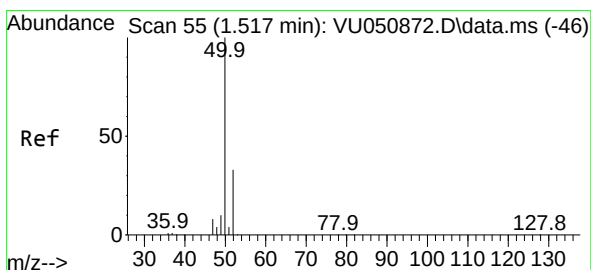
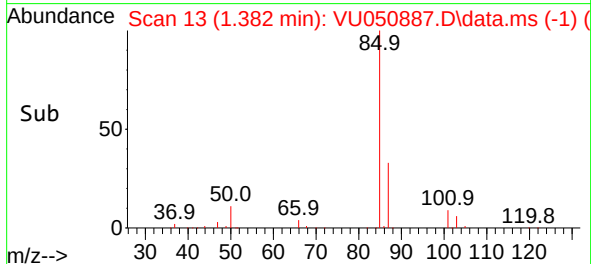
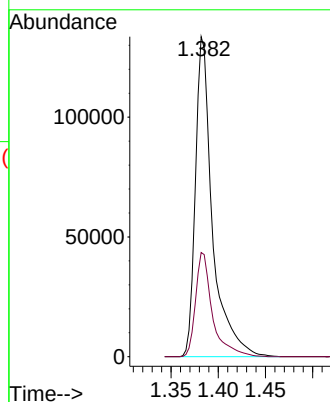
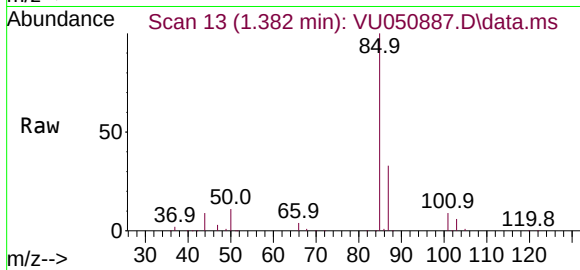
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 53.573 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

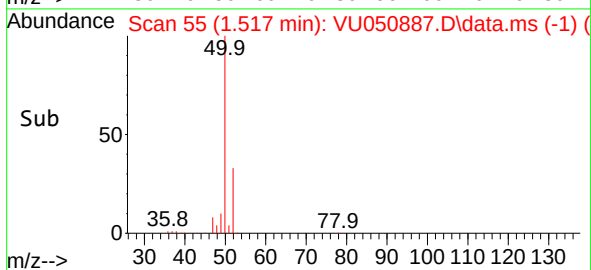
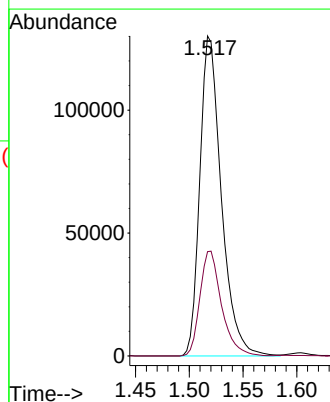
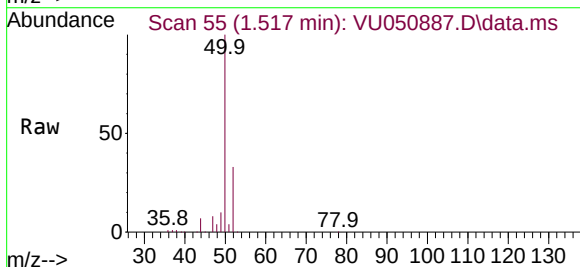
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

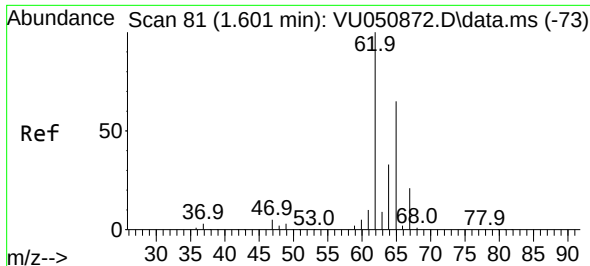
Tgt Ion: 85 Resp: 167329
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 49.986 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 50 Resp: 181505
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9

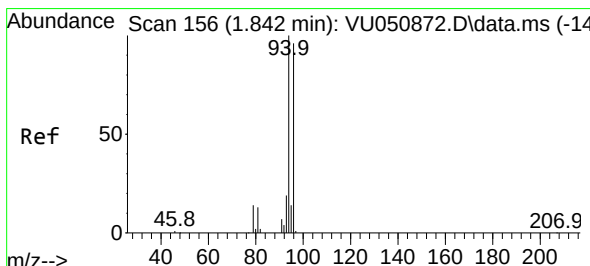
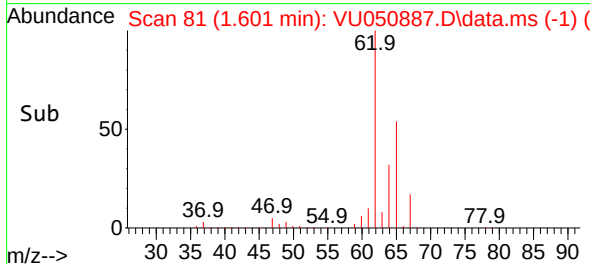
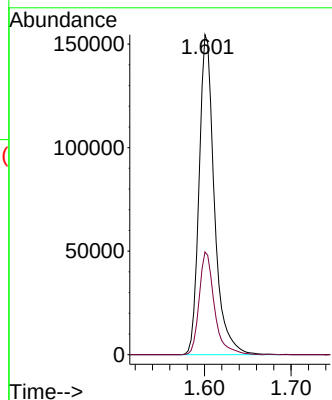
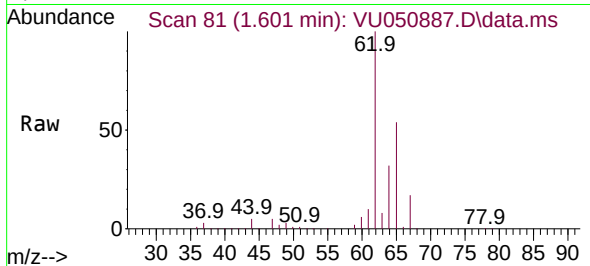




#5
 Vinyl chloride
 Concen: 53.141 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

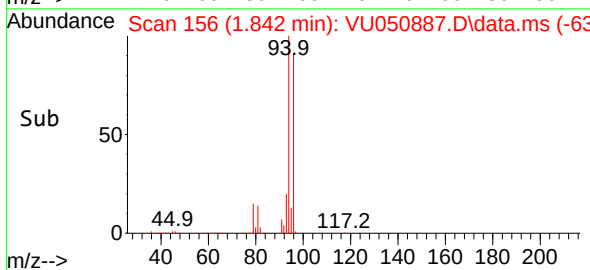
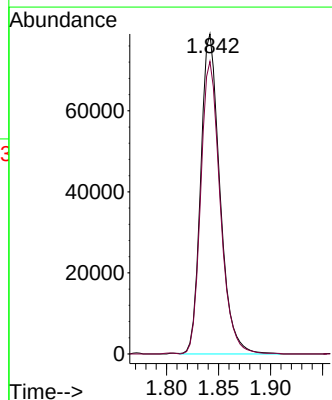
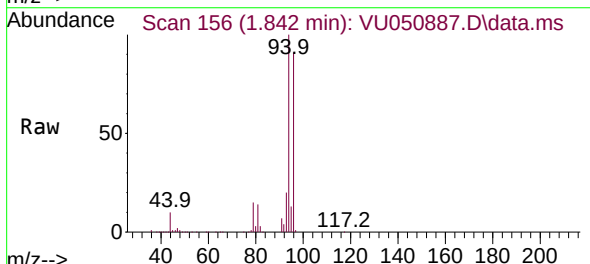
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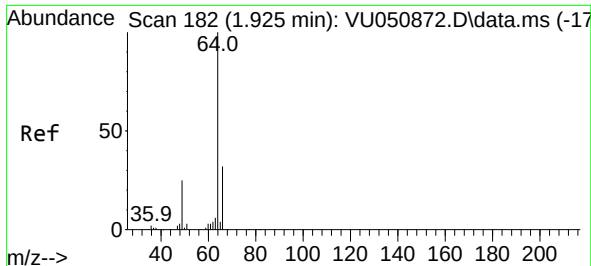
Tgt Ion: 62 Resp: 188908
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.2 41.2



#6
 Bromomethane
 Concen: 56.555 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

Tgt Ion: 94 Resp: 101566
 Ion Ratio Lower Upper
 94 100
 96 91.4 64.0 119.0

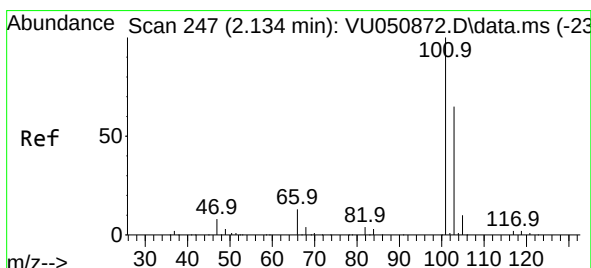
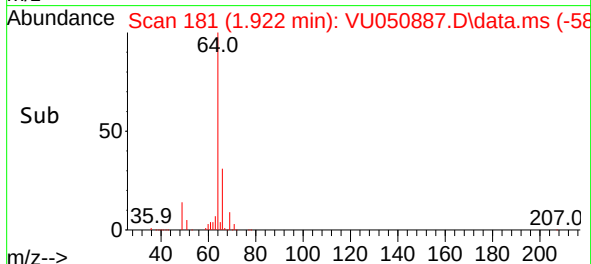
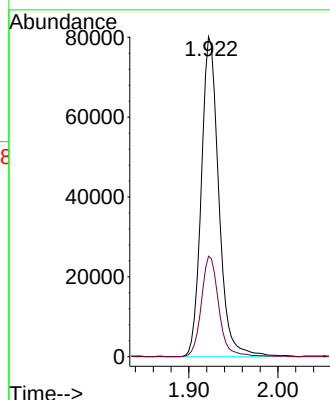
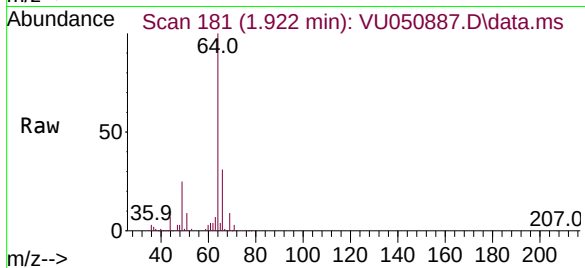




#8
Chloroethane
Concen: 55.616 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

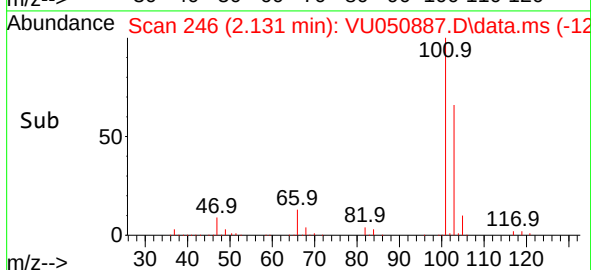
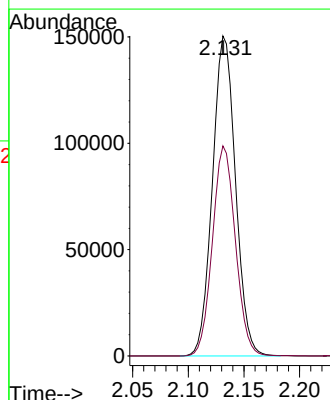
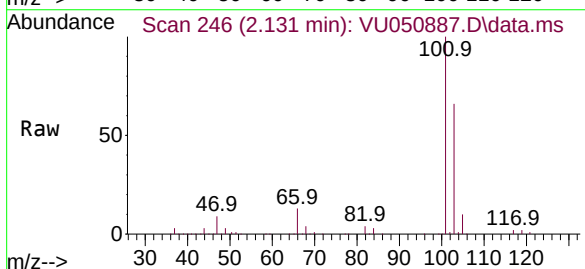
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

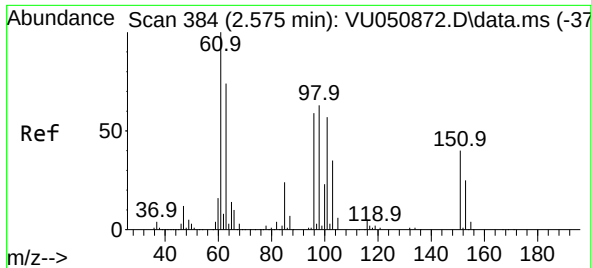
Tgt Ion: 64 Resp: 109464
Ion Ratio Lower Upper
64 100
66 31.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 56.200 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:101 Resp: 216701
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

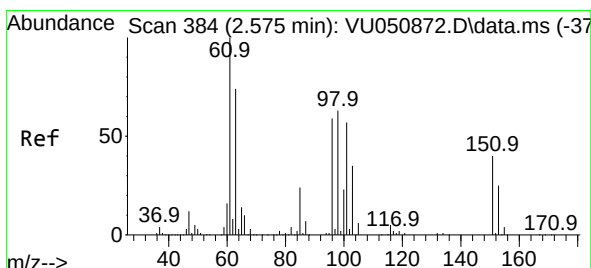
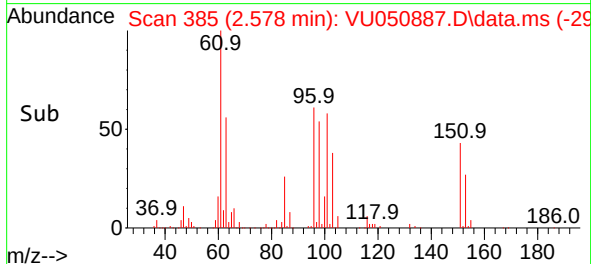
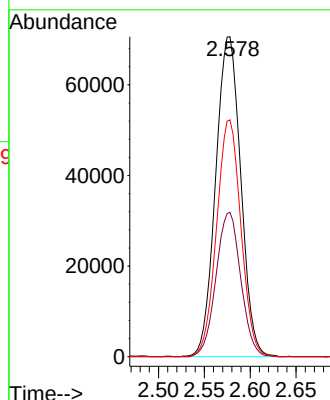
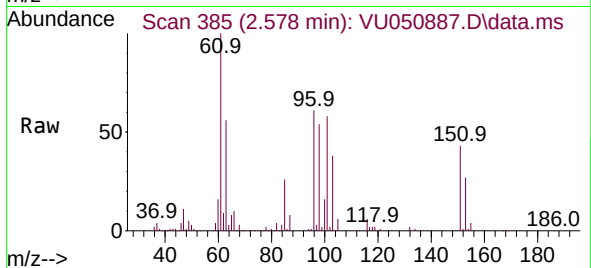




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.473 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

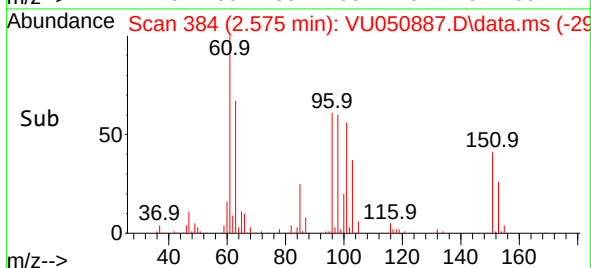
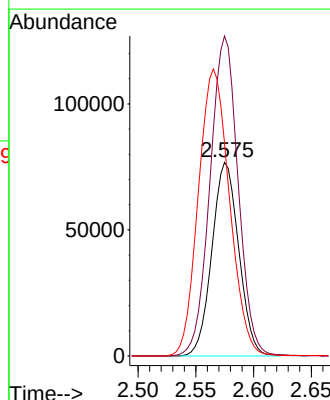
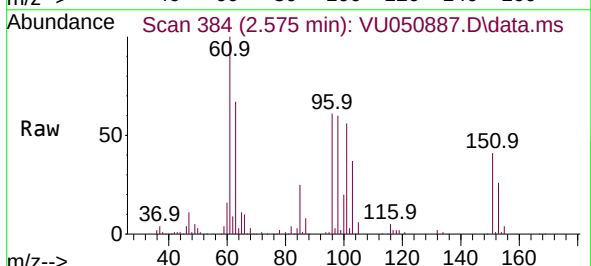
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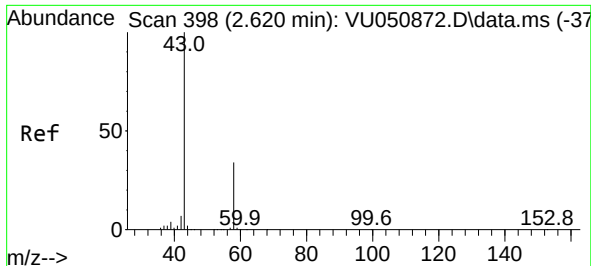
Tgt Ion:101 Resp: 134441
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.1 52.7
 151 71.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 53.417 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

Tgt Ion: 96 Resp: 123872
 Ion Ratio Lower Upper
 96 100
 61 165.3 118.6 220.2
 63 110.0 90.4 168.0





#13

Acetone

Concen: 123.380 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

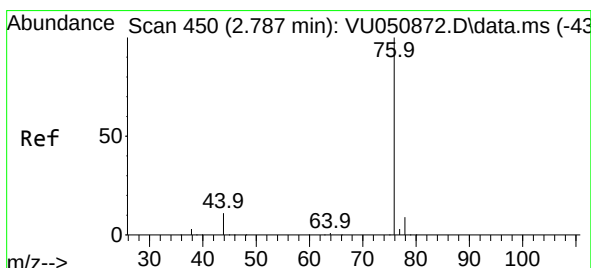
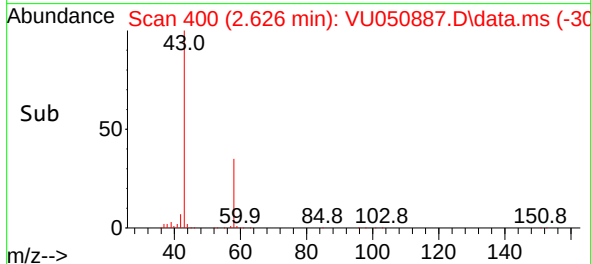
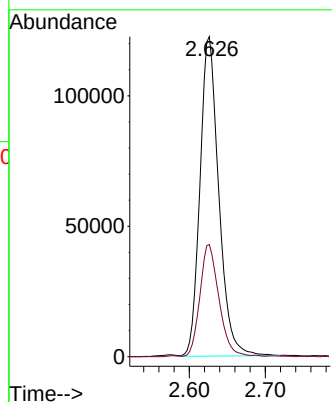
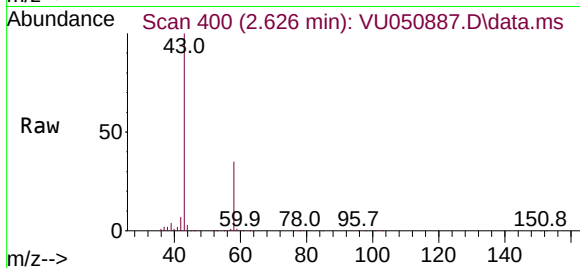
VSTD050090

Tgt Ion: 43 Resp: 210782

Ion Ratio Lower Upper

43 100

58 35.0 0.0 71.4



#14

Carbon disulfide

Concen: 50.014 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050887.D

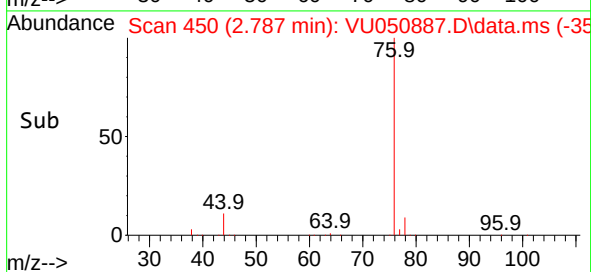
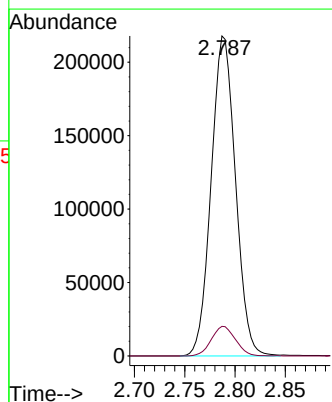
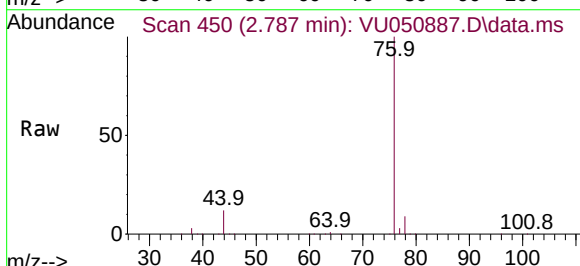
Acq: 21 Sep 2022 19:58

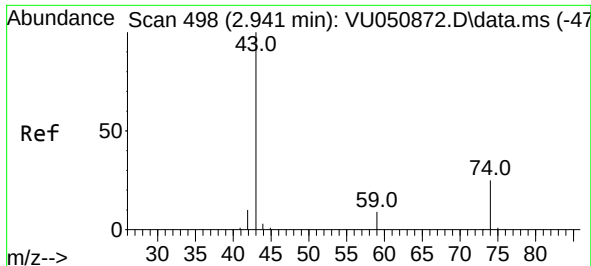
Tgt Ion: 76 Resp: 366756

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

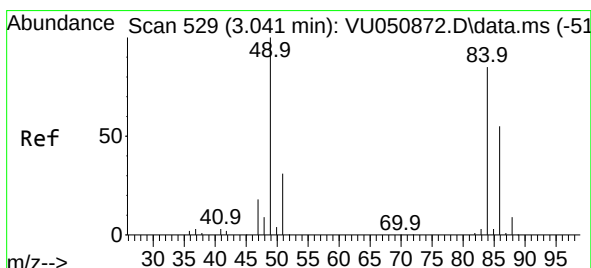
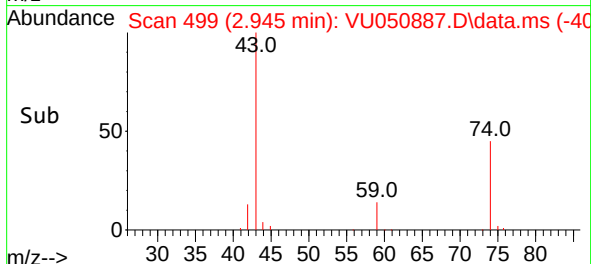
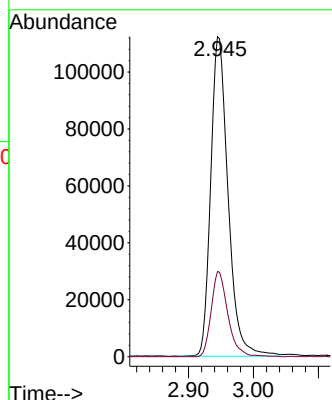
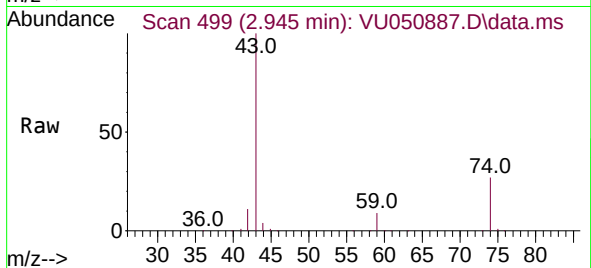




#15
Methyl Acetate
Concen: 64.679 ug/L
RT: 2.945 min Scan# 498
Delta R.T. 0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

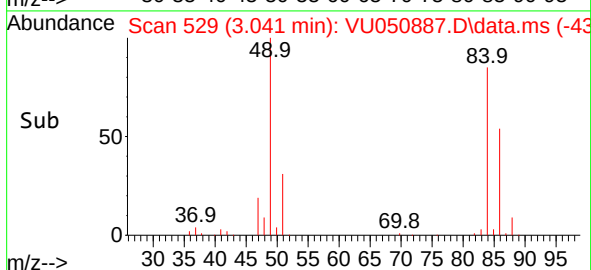
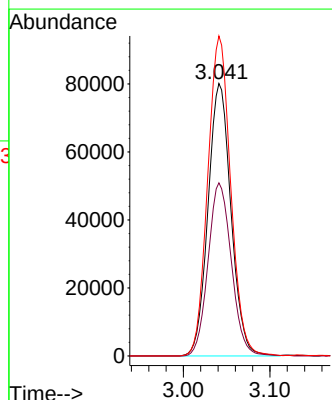
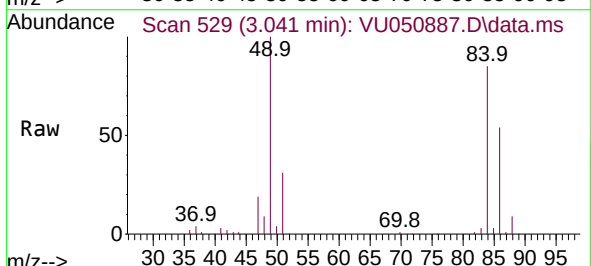
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

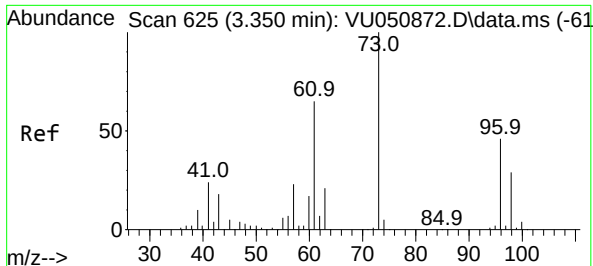
Tgt Ion: 43 Resp: 208526
Ion Ratio Lower Upper
43 100
74 25.3 19.9 29.9



#16
Methylene chloride
Concen: 45.848 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 84 Resp: 147629
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5
49 117.5 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 50.869 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

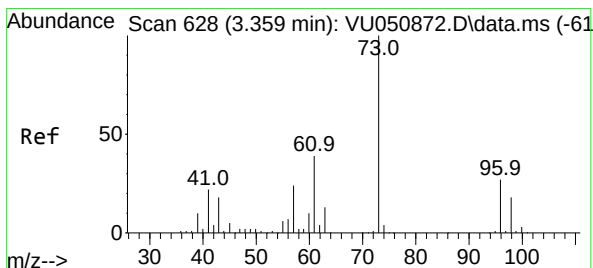
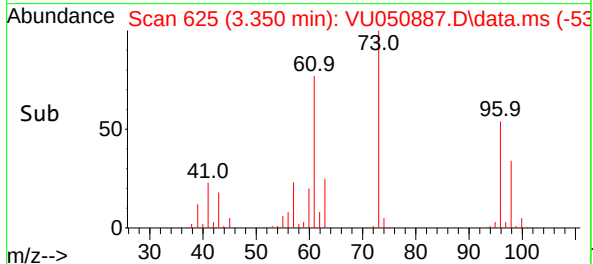
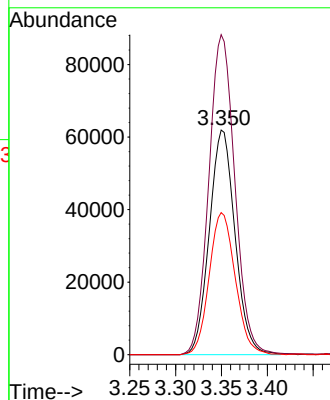
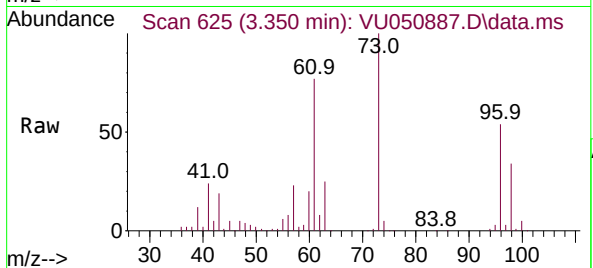
Tgt Ion: 96 Resp: 120906

Ion Ratio Lower Upper

96 100

61 142.5 98.0 182.0

98 63.3 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 50.961 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

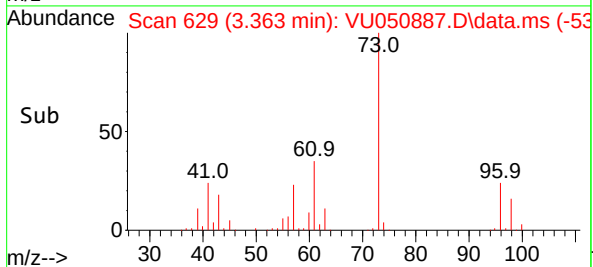
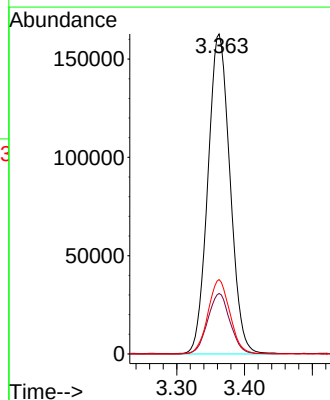
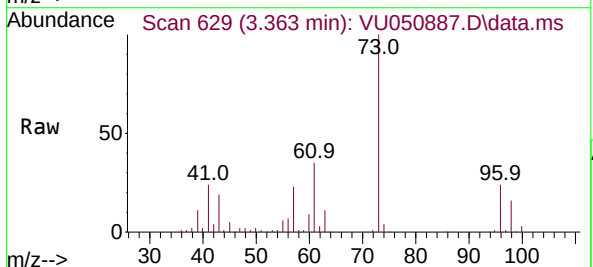
Tgt Ion: 73 Resp: 369253

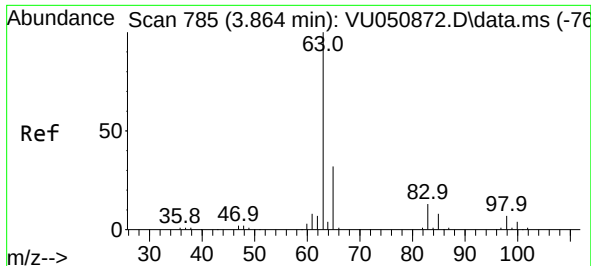
Ion Ratio Lower Upper

73 100

43 18.8 14.4 21.6

57 23.1 18.6 27.8





#19

1,1-Dichloroethane

Concen: 51.533 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

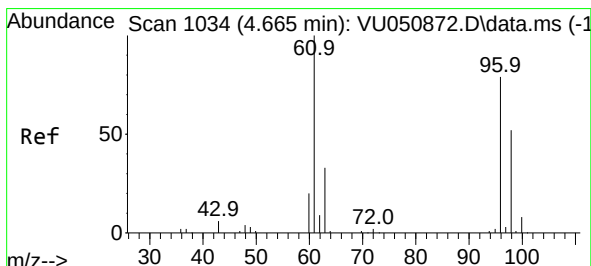
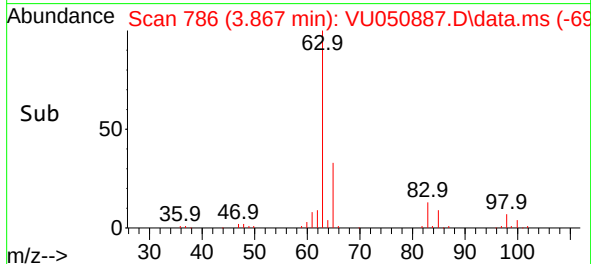
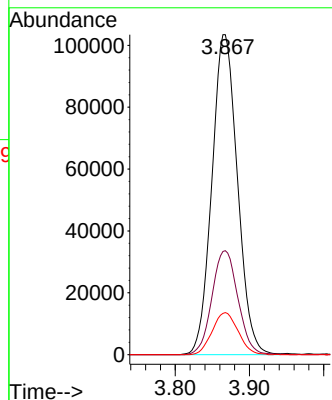
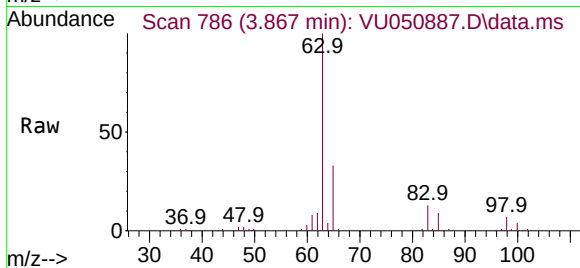
Tgt Ion: 63 Resp: 247490

Ion Ratio Lower Upper

63 100

65 32.5 21.5 39.9

83 13.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.698 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

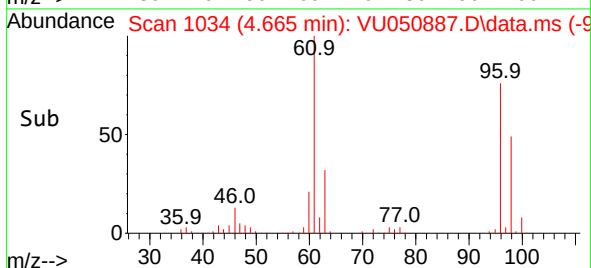
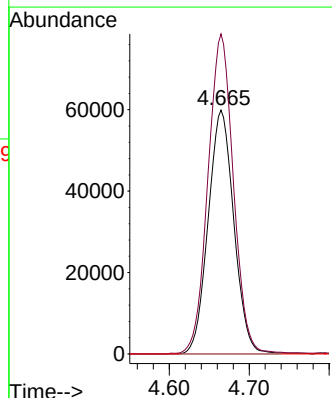
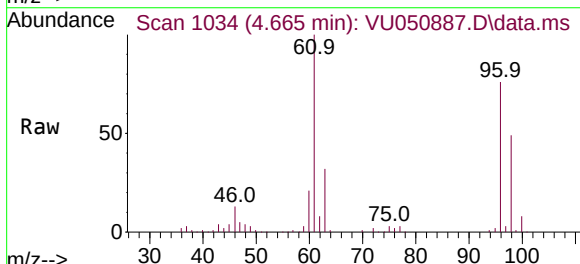
Tgt Ion: 96 Resp: 133608

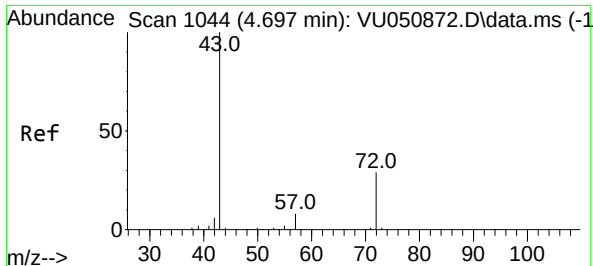
Ion Ratio Lower Upper

96 100

61 131.2 90.1 167.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 139.330 ug/L

RT: 4.700 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

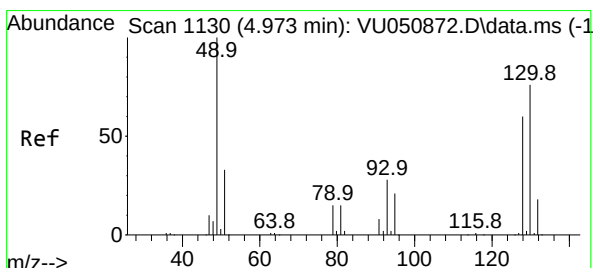
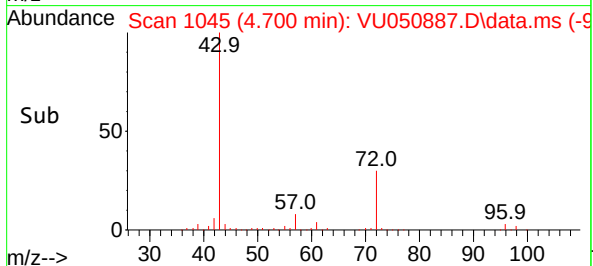
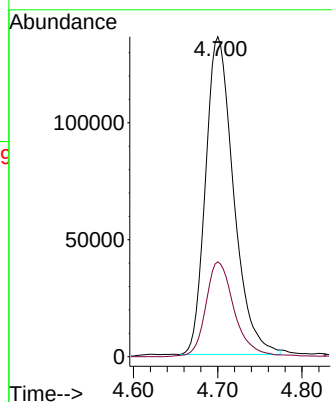
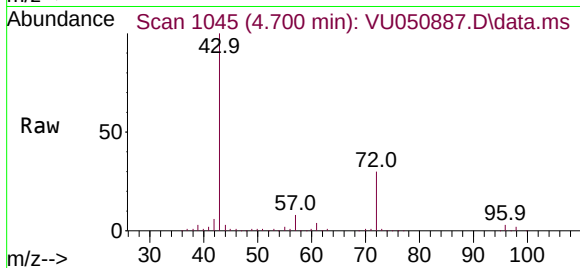
VSTD050090

Tgt Ion: 43 Resp: 313758

Ion Ratio Lower Upper

43 100

72 30.8 14.8 44.3



#23

Bromochloromethane

Concen: 51.320 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Tgt Ion: 128 Resp: 70884

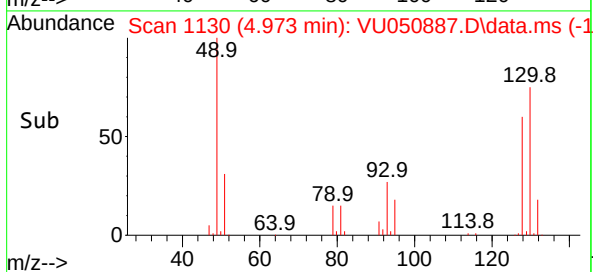
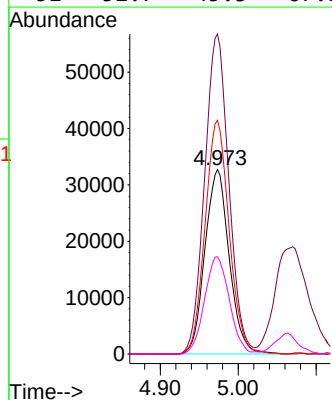
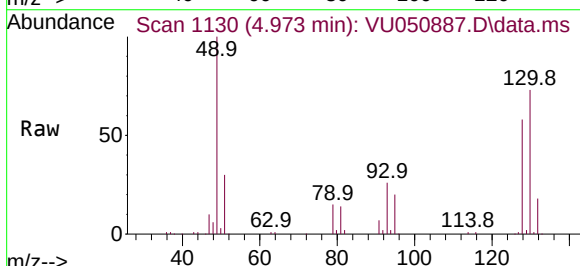
Ion Ratio Lower Upper

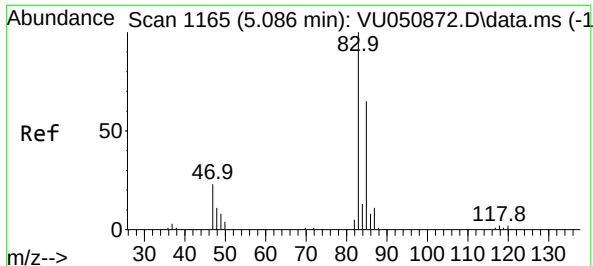
128 100

49 173.4 123.1 228.5

130 126.6 90.9 168.7

51 52.7 45.3 67.9





#25

Chloroform

Concen: 52.860 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

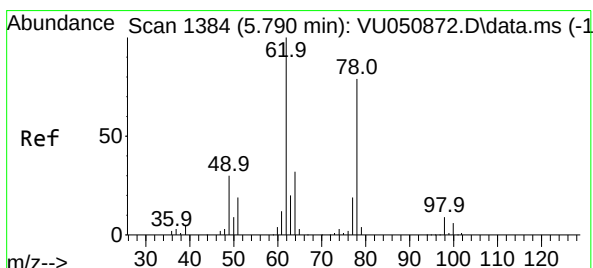
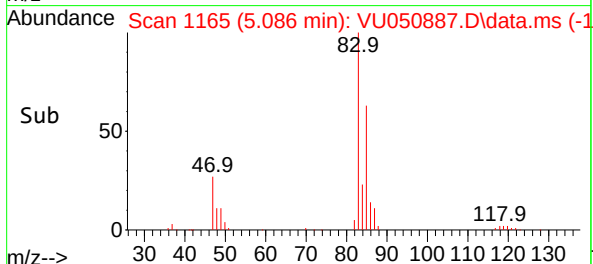
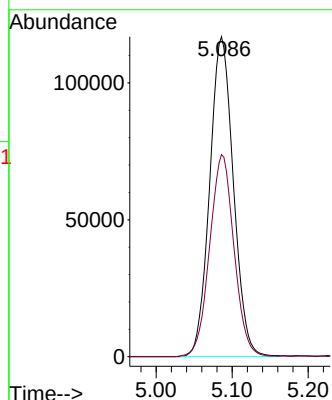
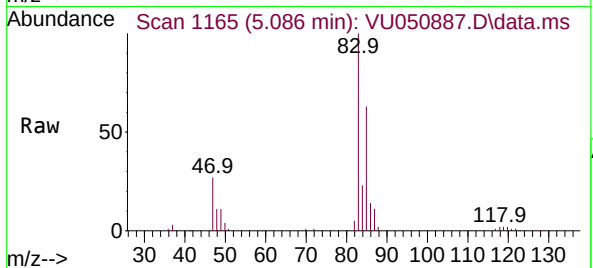
VSTD050090

Tgt Ion: 83 Resp: 253005

Ion Ratio Lower Upper

83 100

85 63.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.470 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU050887.D

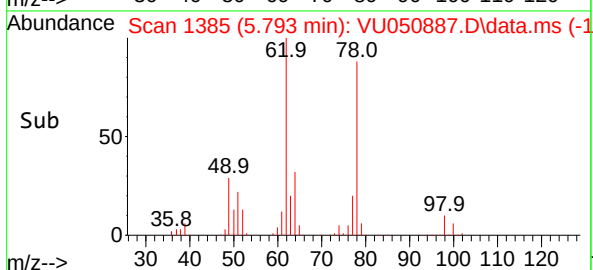
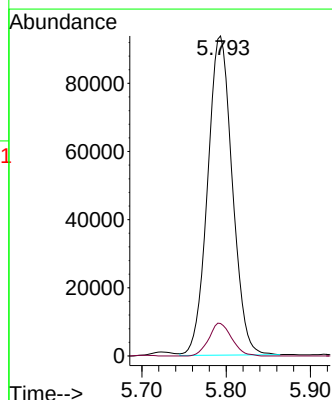
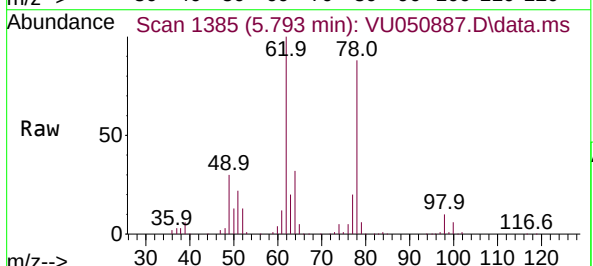
Acq: 21 Sep 2022 19:58

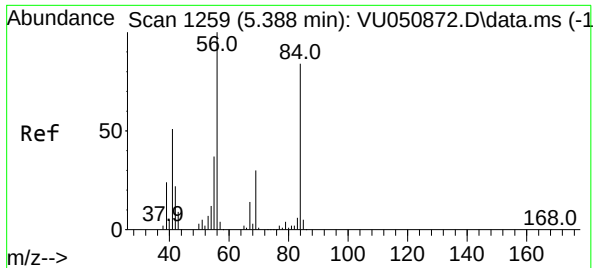
Tgt Ion: 62 Resp: 190851

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.0





#29

Cyclohexane

Concen: 55.680 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

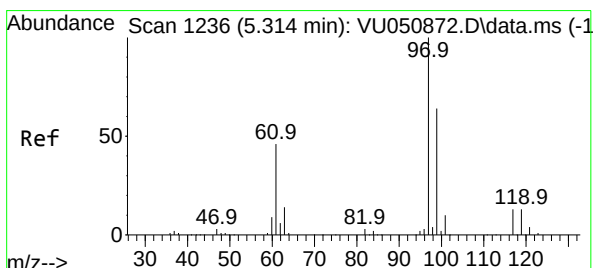
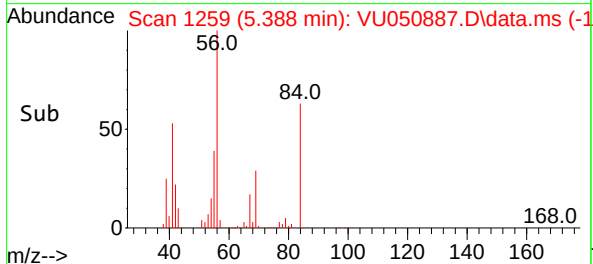
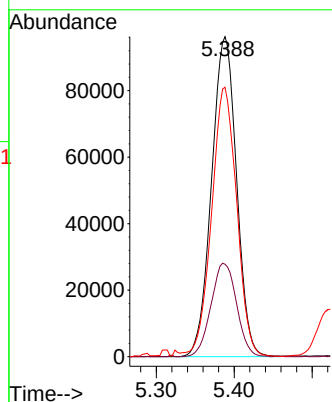
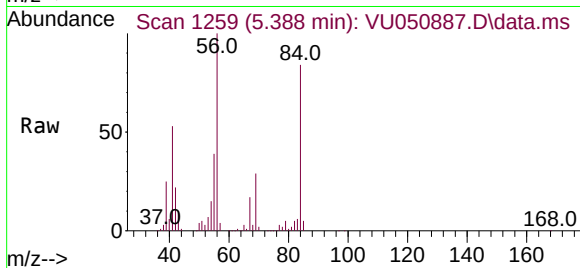
Tgt Ion: 56 Resp: 214471

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 84.2 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 57.767 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

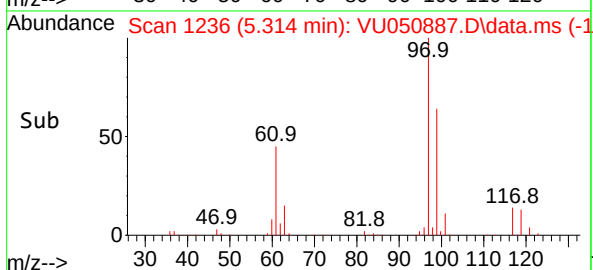
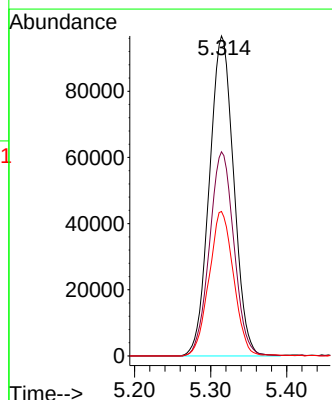
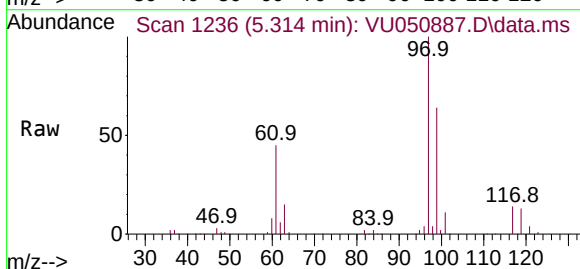
Tgt Ion: 97 Resp: 215105

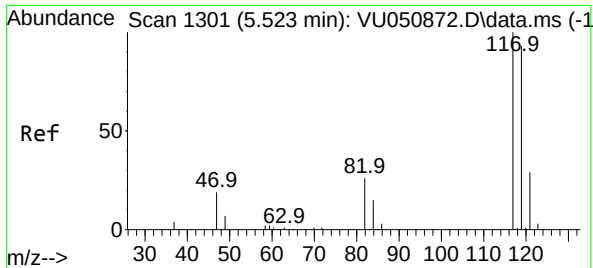
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

61 45.4 37.1 55.7

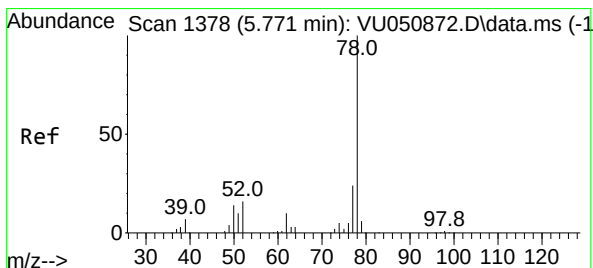
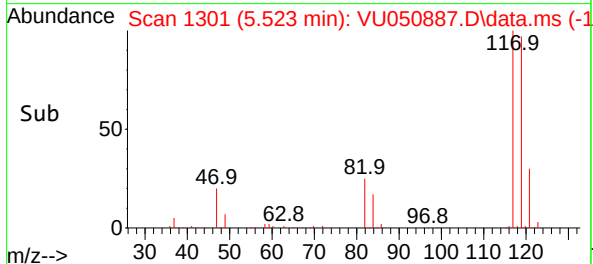
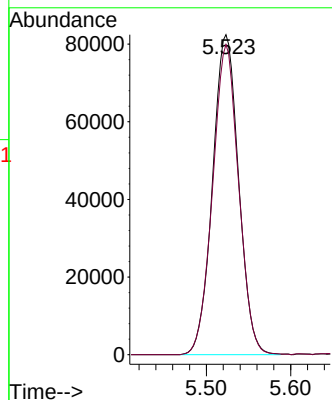
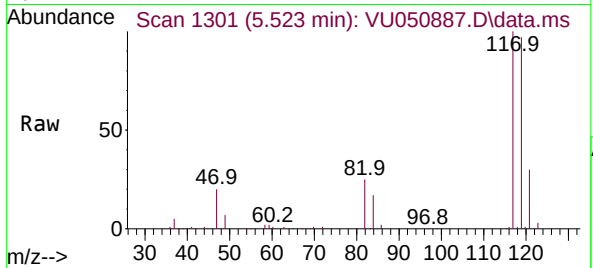




#31
Carbon tetrachloride
Concen: 57.222 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

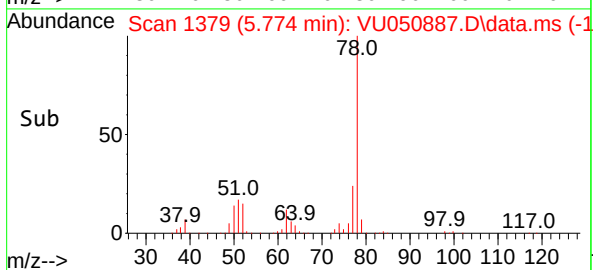
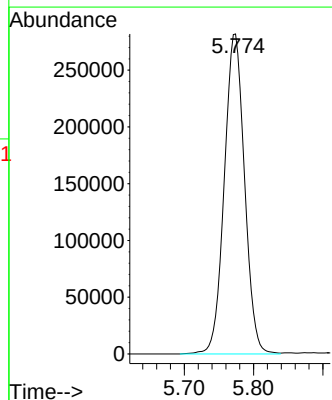
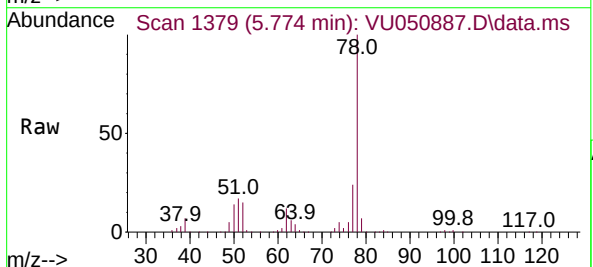
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

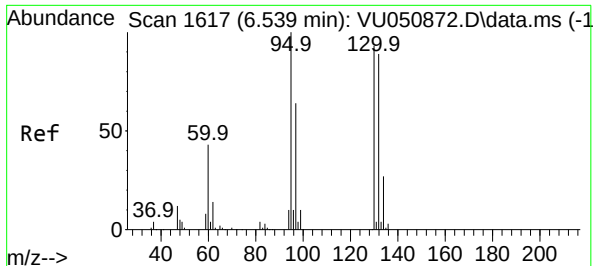
Tgt Ion:117 Resp: 177011
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0



#33
Benzene
Concen: 55.666 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 78 Resp: 573386





#34

Trichloroethene

Concen: 55.780 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

Tgt Ion: 95 Resp: 133463

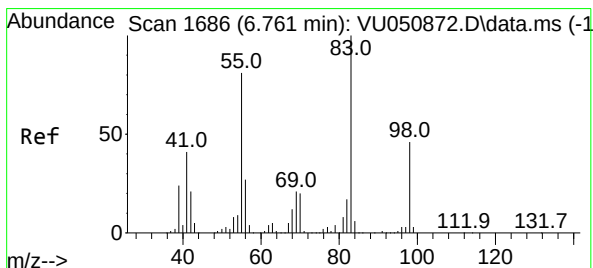
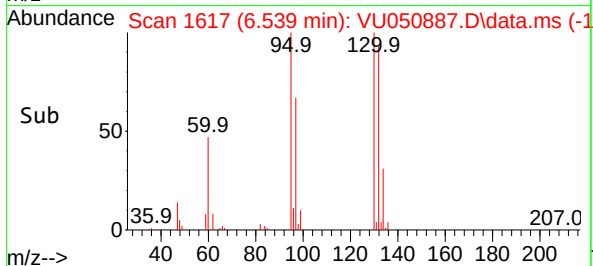
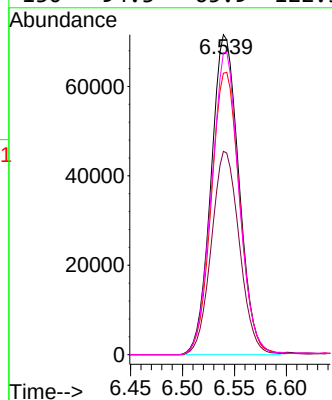
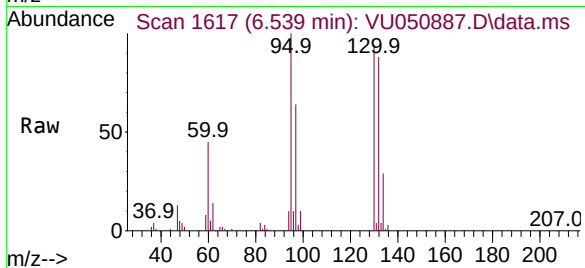
Ion Ratio Lower Upper

95 100

97 63.5 43.9 81.5

132 88.0 63.1 117.1

130 94.3 65.9 122.3



#35

Methylcyclohexane

Concen: 54.057 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

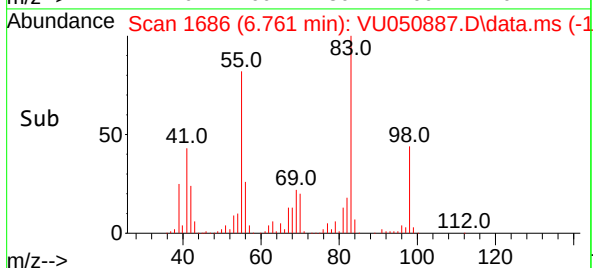
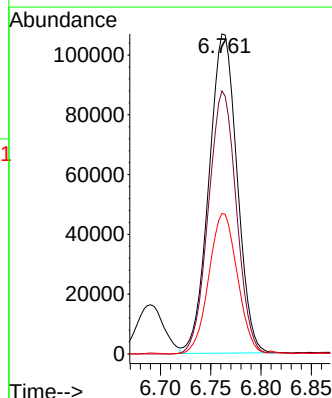
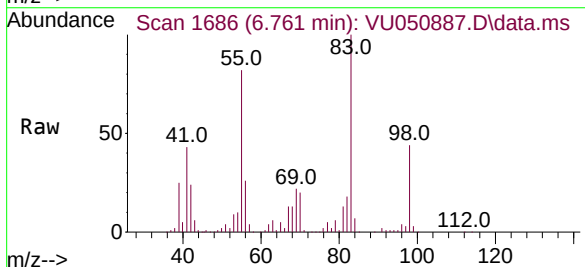
Tgt Ion: 83 Resp: 208403

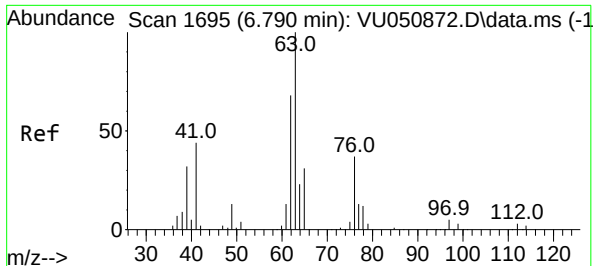
Ion Ratio Lower Upper

83 100

55 81.9 64.7 97.1

98 44.6 35.2 52.8





#37

1,2-Dichloropropane

Concen: 53.704 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

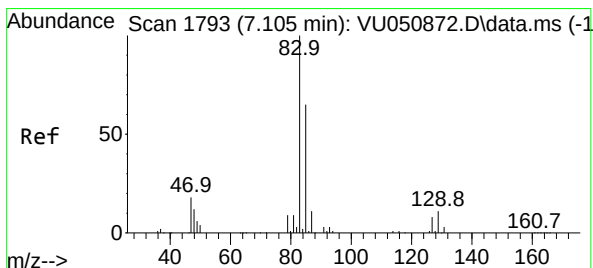
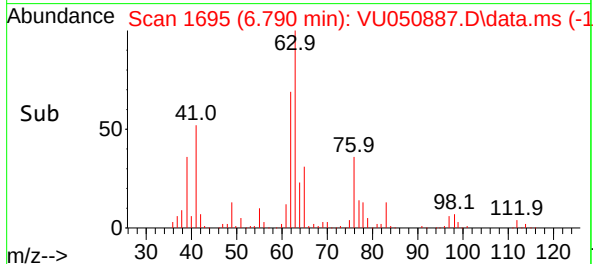
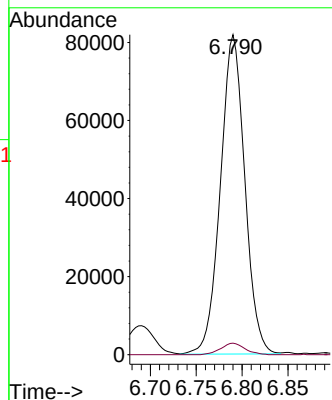
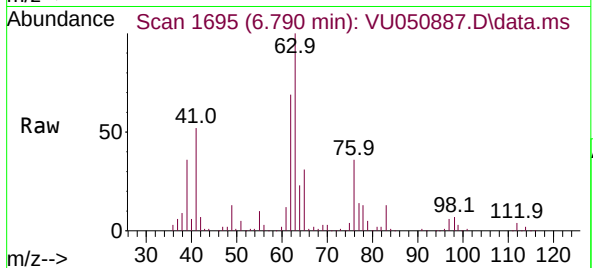
VSTD050090

Tgt Ion: 63 Resp: 151373

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 54.878 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

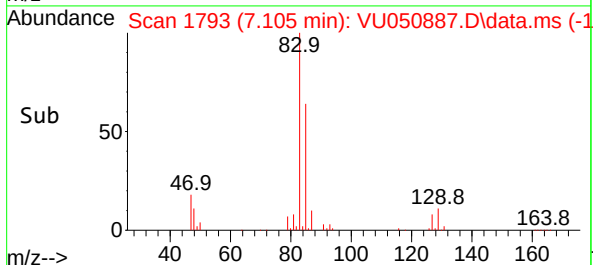
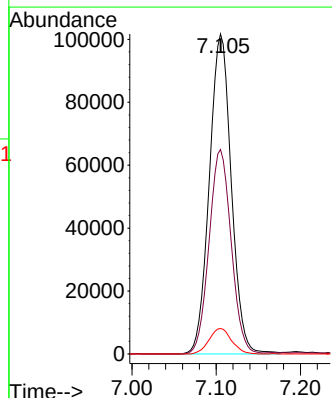
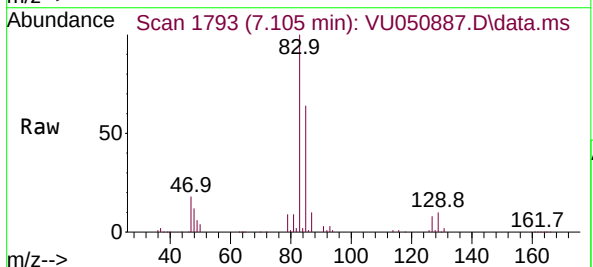
Tgt Ion: 83 Resp: 184293

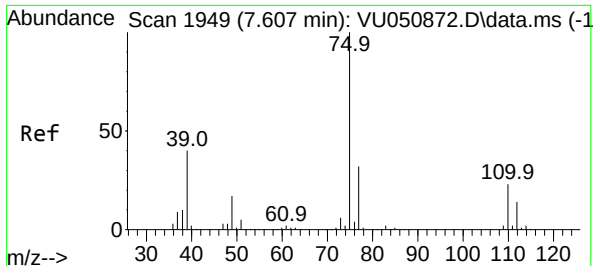
Ion Ratio Lower Upper

83 100

85 63.9 44.3 82.3

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.388 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

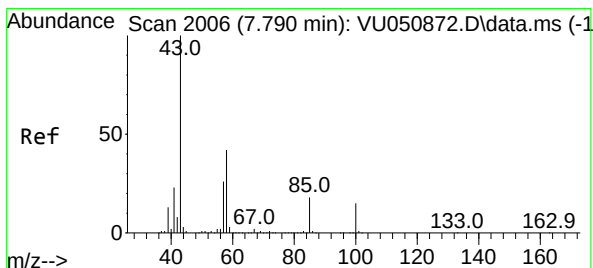
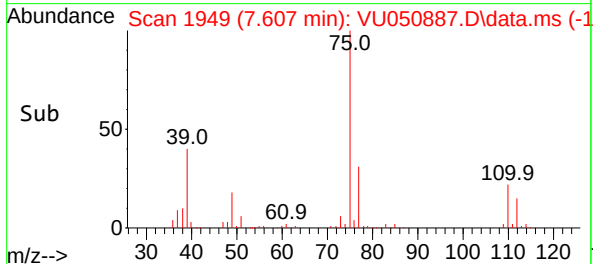
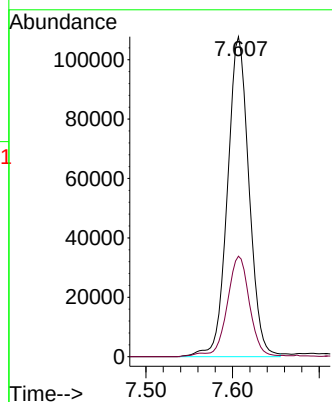
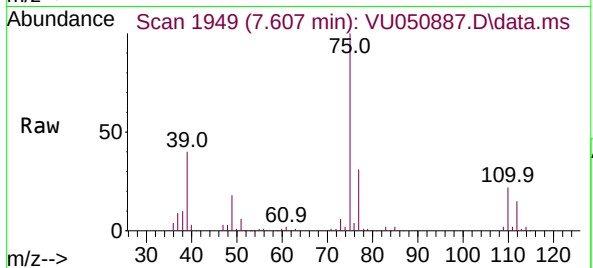
VSTD050090

Tgt Ion: 75 Resp: 186284

Ion Ratio Lower Upper

75 100

77 31.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 130.236 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

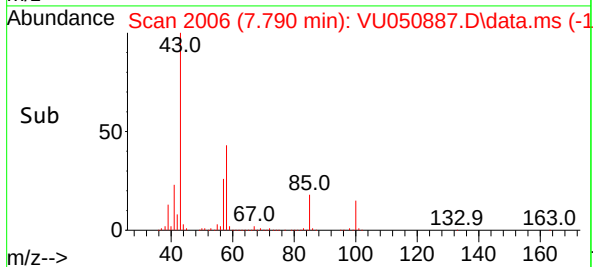
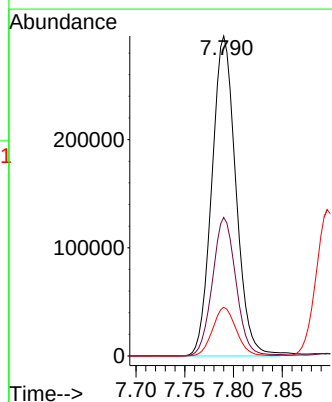
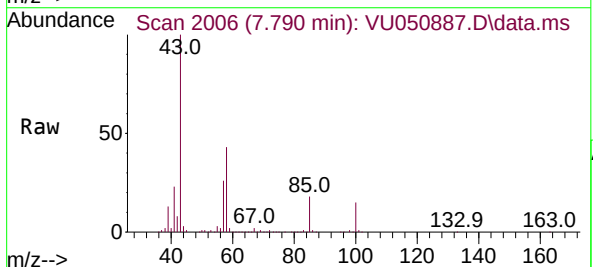
Tgt Ion: 43 Resp: 505902

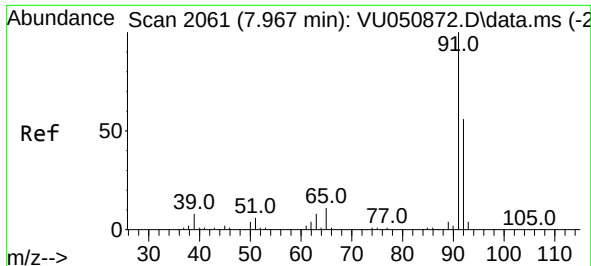
Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.6

100 15.0 12.0 18.0





#42

Toluene

Concen: 55.735 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

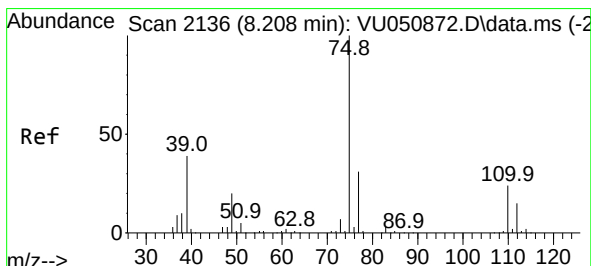
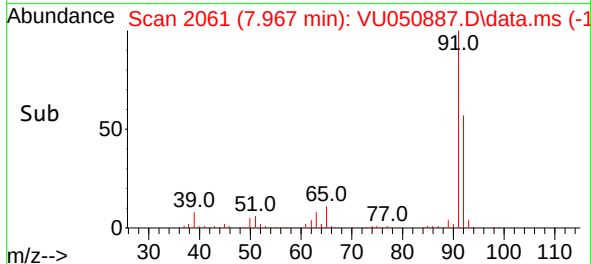
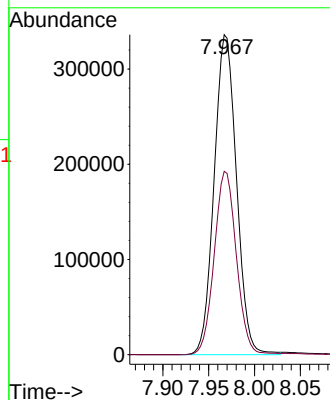
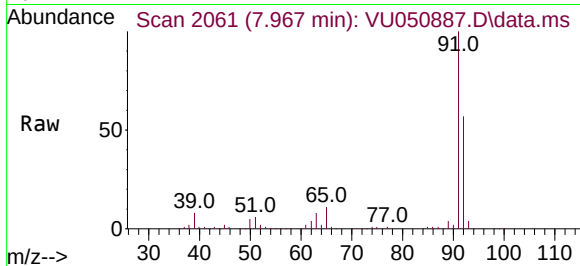
VSTD050090

Tgt Ion: 91 Resp: 569927

Ion Ratio Lower Upper

91 100

92 57.3 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 50.337 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050887.D

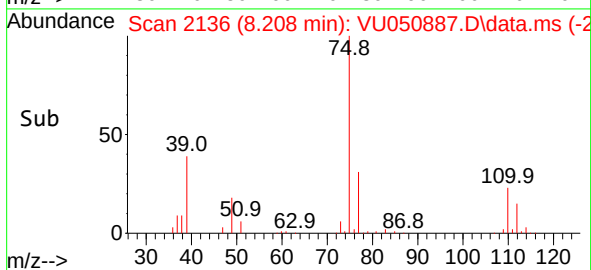
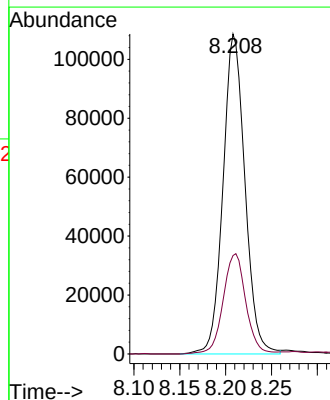
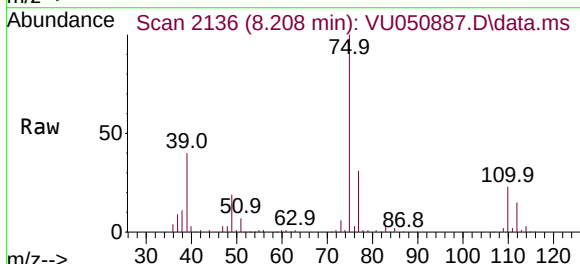
Acq: 21 Sep 2022 19:58

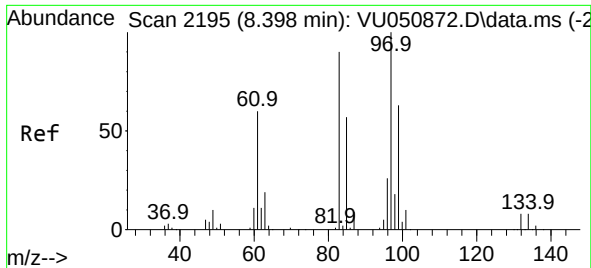
Tgt Ion: 75 Resp: 180614

Ion Ratio Lower Upper

75 100

77 30.8 21.9 40.7

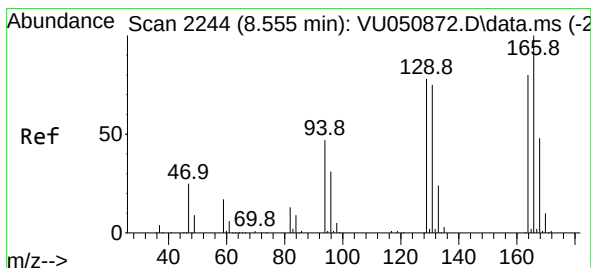
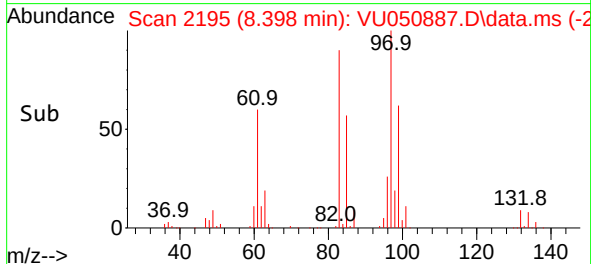
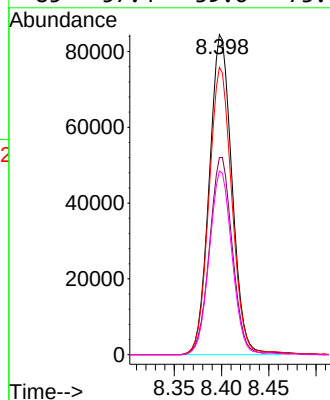
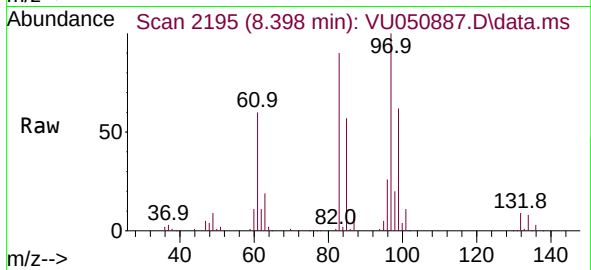




#45
1,1,2-Trichloroethane
Concen: 54.337 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

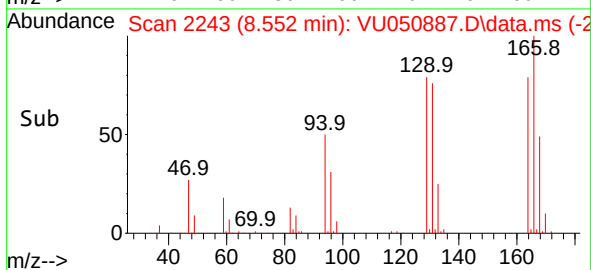
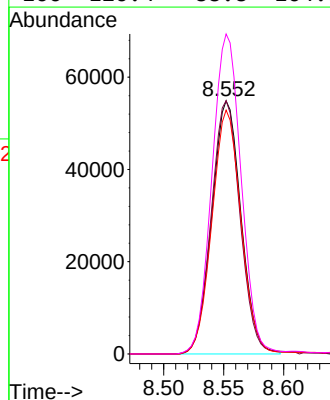
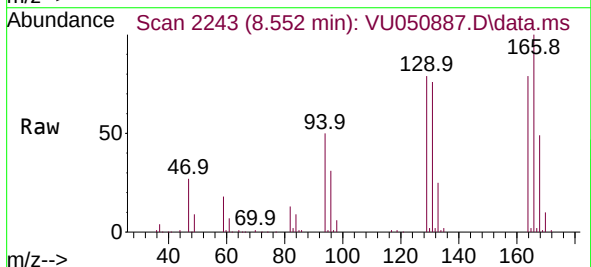
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

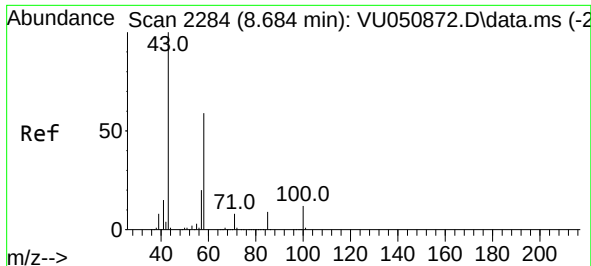
Tgt Ion:	97	Resp:	141141
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.4
83	89.9	62.6	116.3
85	57.4	39.6	73.6



#46
Tetrachloroethene
Concen: 53.888 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:	164	Resp:	92657
Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.5	127.3
131	96.3	66.1	122.7
166	126.4	88.8	164.8

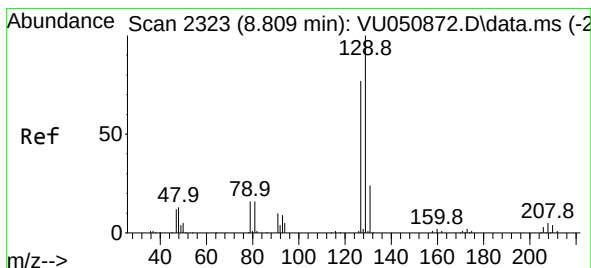
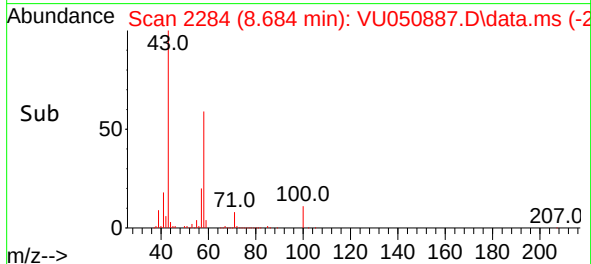
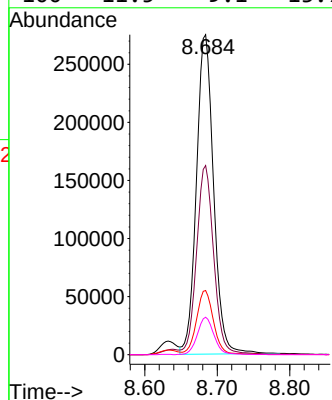
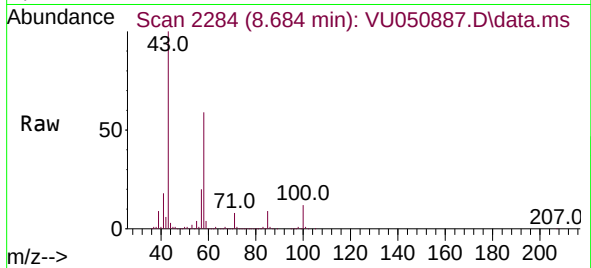




#48
2-Hexanone
Concen: 139.489 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

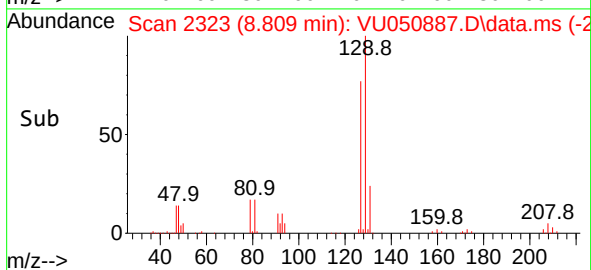
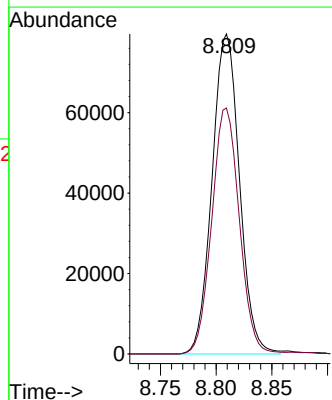
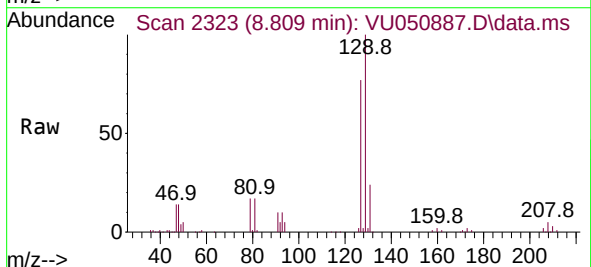
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

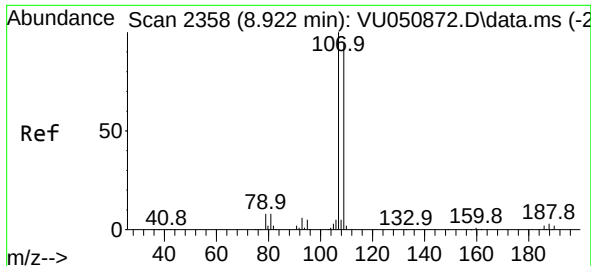
Tgt Ion: 43 Resp: 452766
Ion Ratio Lower Upper
43 100
58 58.8 47.2 70.8
57 19.6 16.2 24.4
100 11.5 9.1 13.7



#49
Dibromochloromethane
Concen: 53.571 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 129 Resp: 136440
Ion Ratio Lower Upper
129 100
127 76.8 54.5 101.1

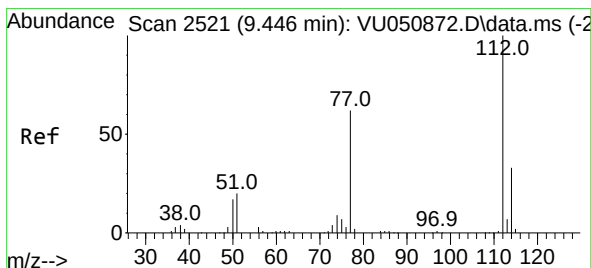
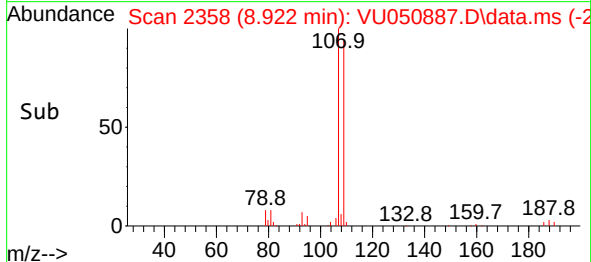
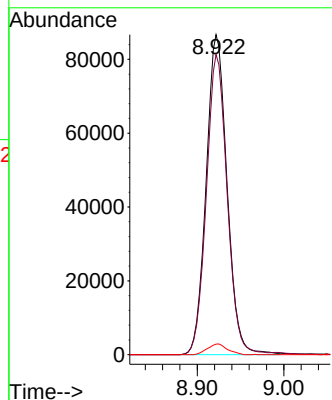
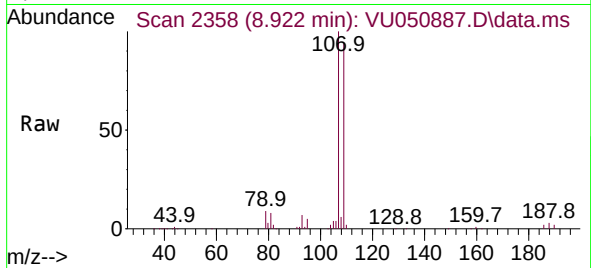




#50
1,2-Dibromoethane
Concen: 53.953 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

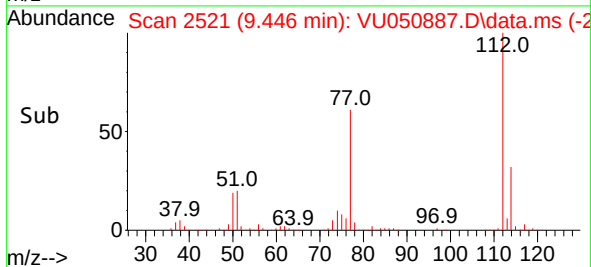
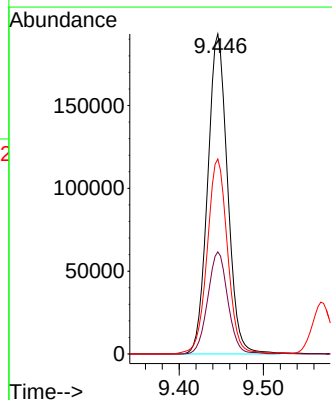
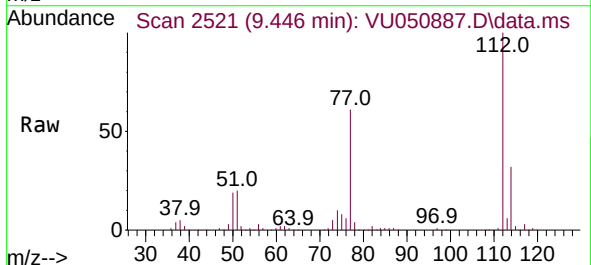
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

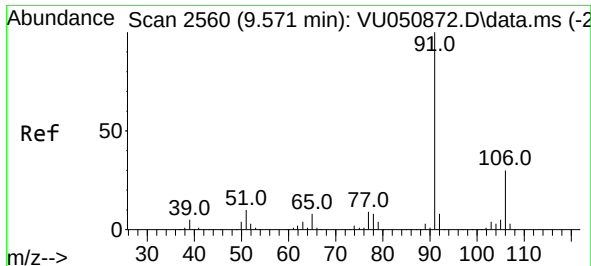
Tgt Ion:107 Resp: 145404
Ion Ratio Lower Upper
107 100
109 93.8 66.0 122.6
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 50.768 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:112 Resp: 316934
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 60.9 49.8 74.8

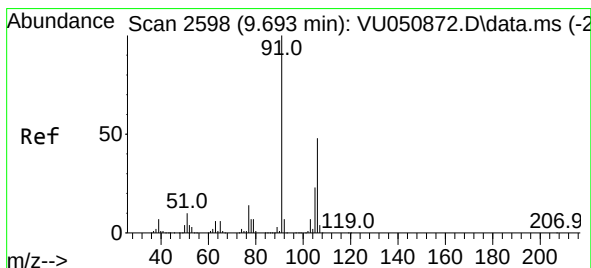
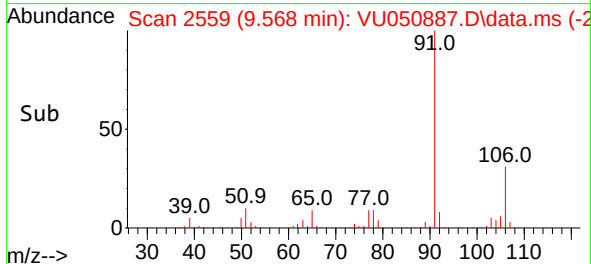
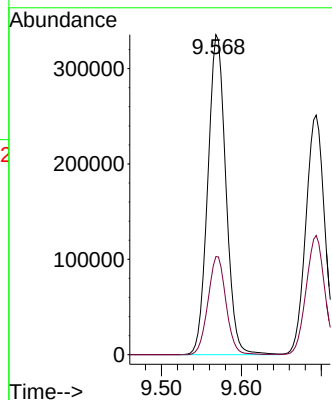
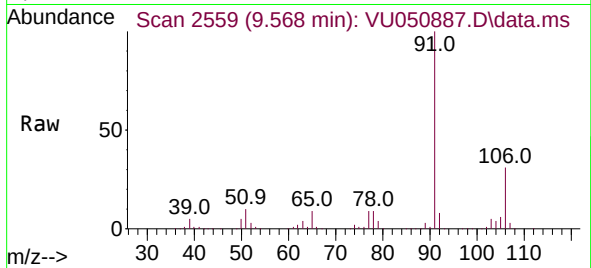




#52
Ethylbenzene
Concen: 51.728 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

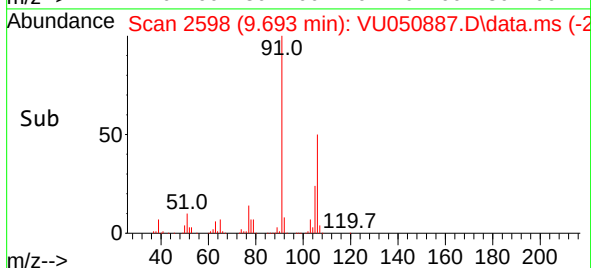
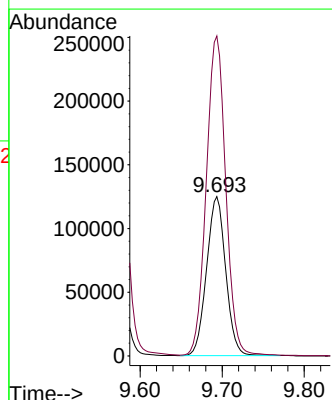
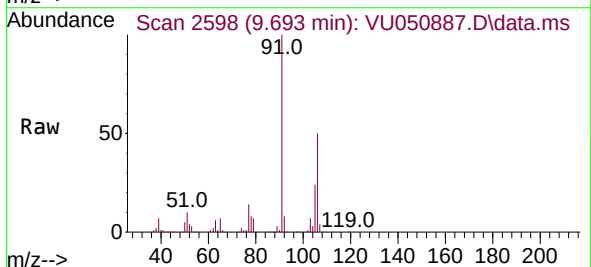
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

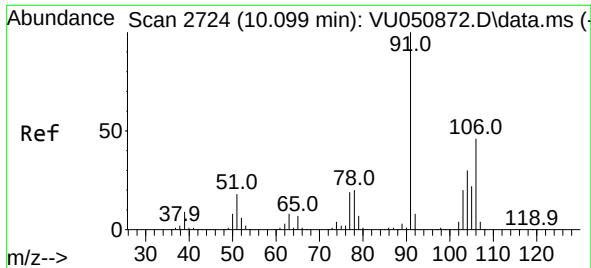
Tgt Ion: 91 Resp: 527687
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0



#53
m,p-Xylene
Concen: 53.326 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 106 Resp: 202243
Ion Ratio Lower Upper
106 100
91 200.8 144.0 267.4

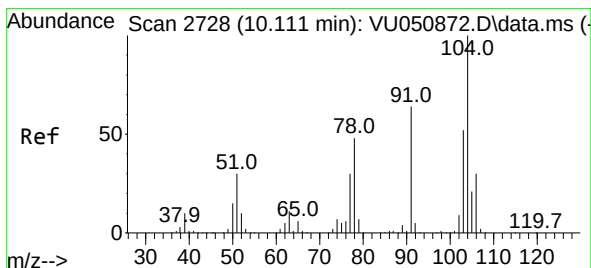
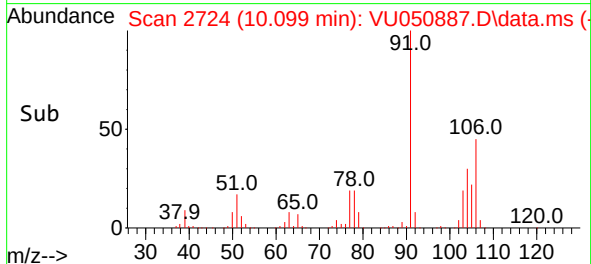
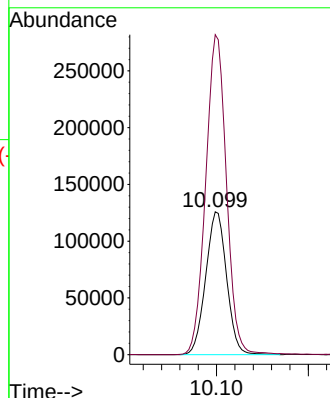
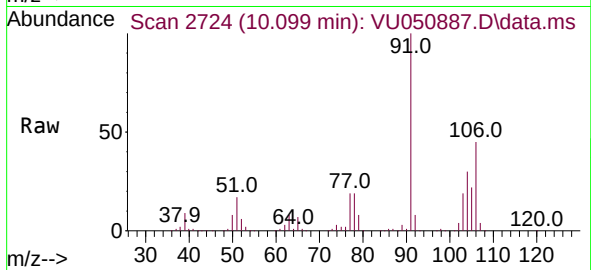




#54
o-Xylene
Concen: 52.816 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

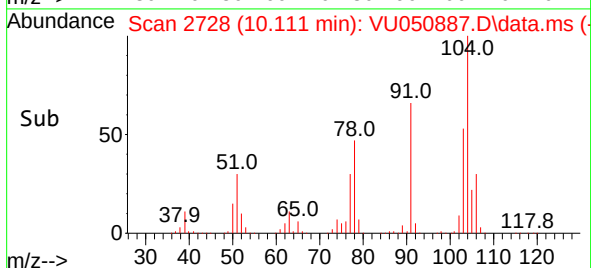
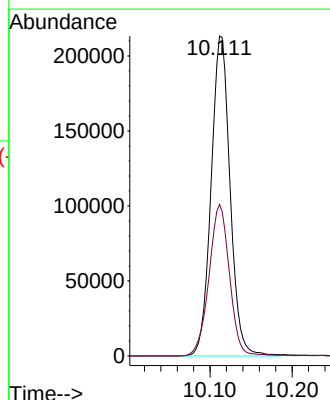
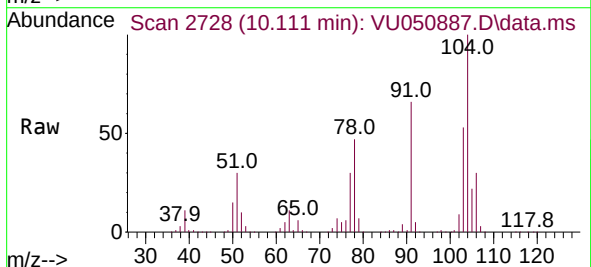
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

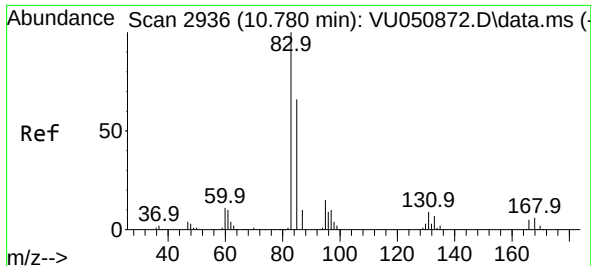
Tgt Ion:106 Resp: 199582
Ion Ratio Lower Upper
106 100
91 224.0 154.6 287.0



#55
Styrene
Concen: 52.952 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:104 Resp: 343066
Ion Ratio Lower Upper
104 100
78 47.4 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 52.608 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

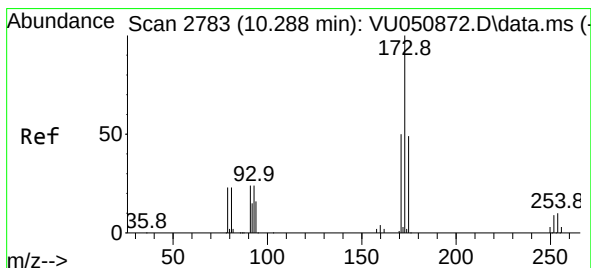
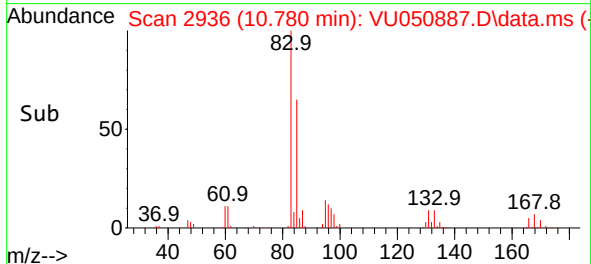
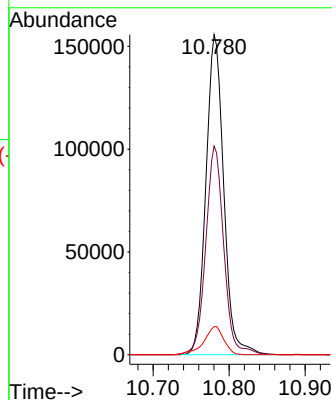
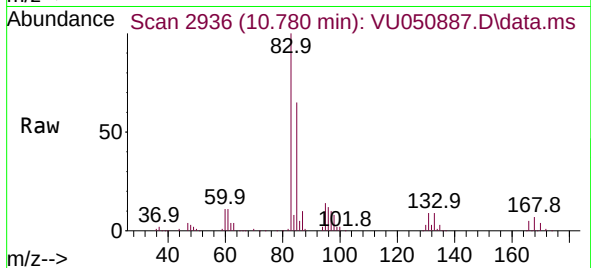
Tgt Ion: 83 Resp: 252856

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9

131 8.8 7.1 10.7



#59

Bromoform

Concen: 56.292 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

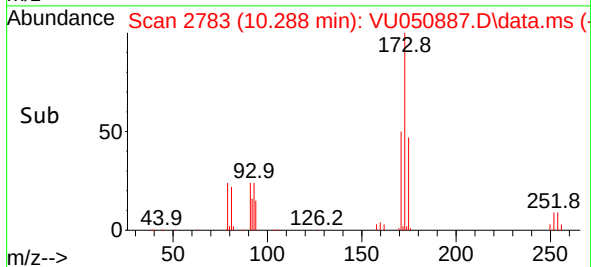
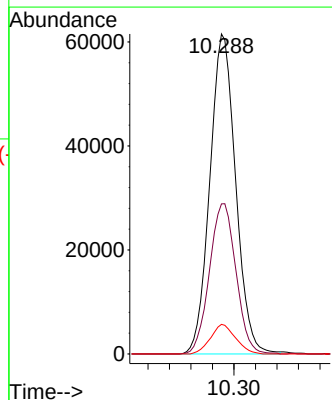
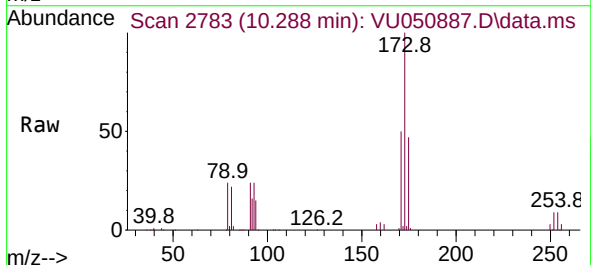
Tgt Ion: 173 Resp: 102536

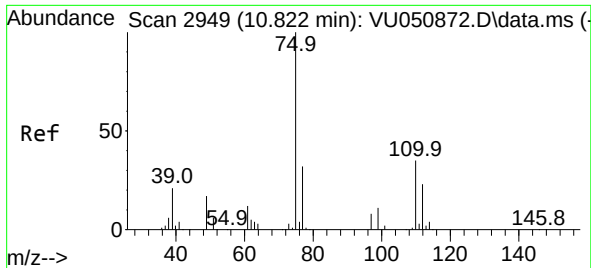
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.8

254 9.0 7.1 10.7

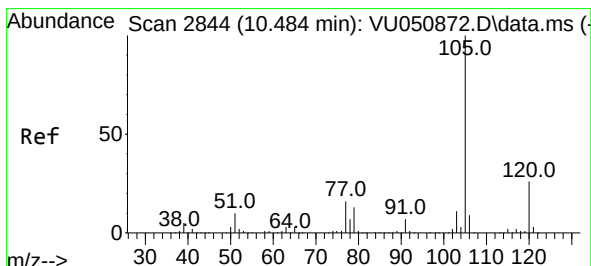
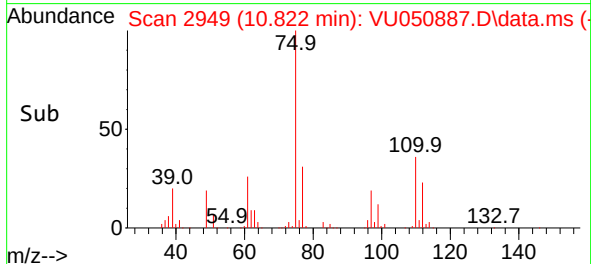
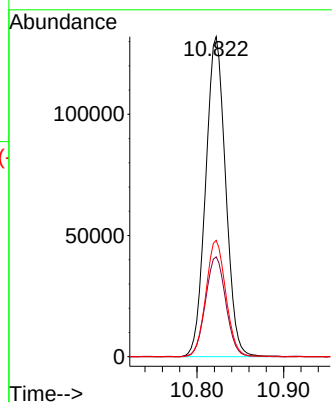
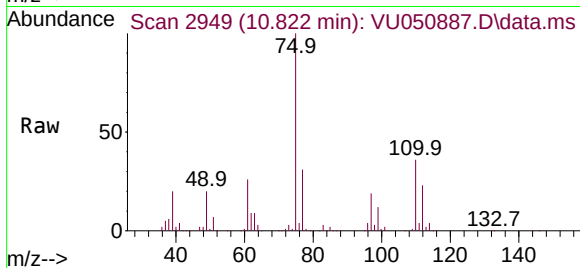




#60
1,2,3-Trichloropropane
Concen: 59.472 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

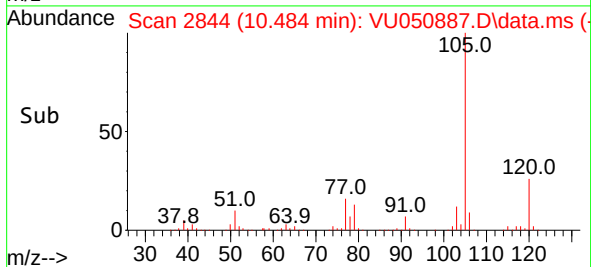
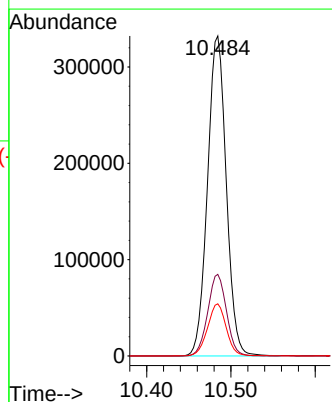
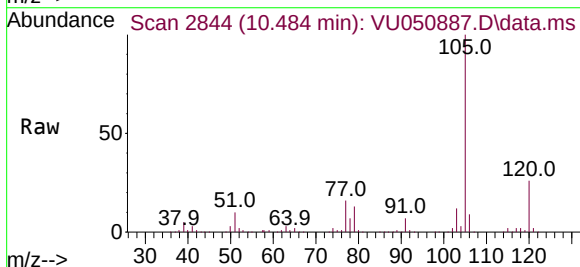
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

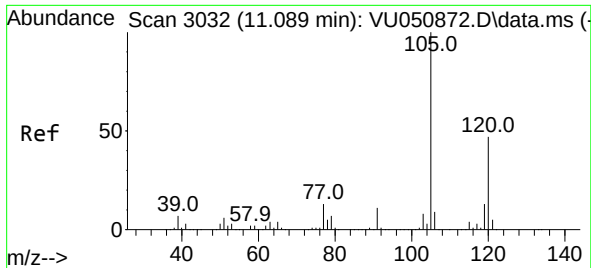
Tgt Ion: 75 Resp: 211110
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
110 36.4 28.6 43.0



#61
Isopropylbenzene
Concen: 57.098 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion: 105 Resp: 514950
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.2 12.9 19.3

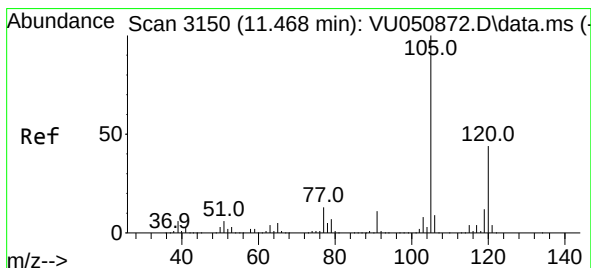
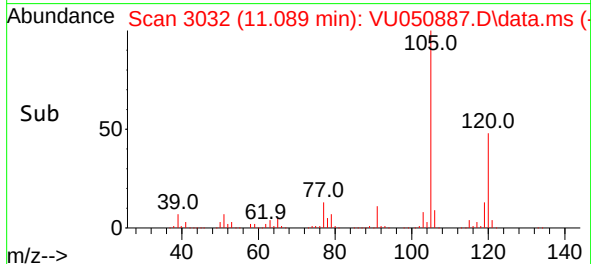
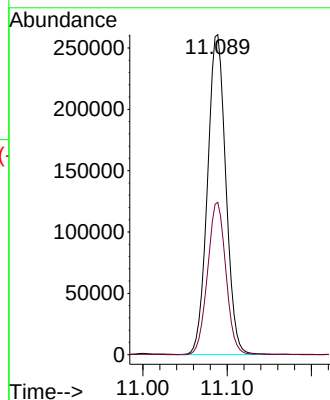
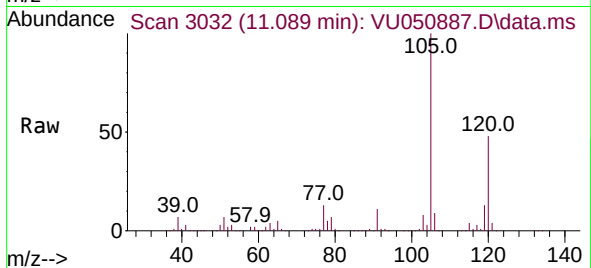




#62
1,3,5-Trimethylbenzene
Concen: 53.283 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

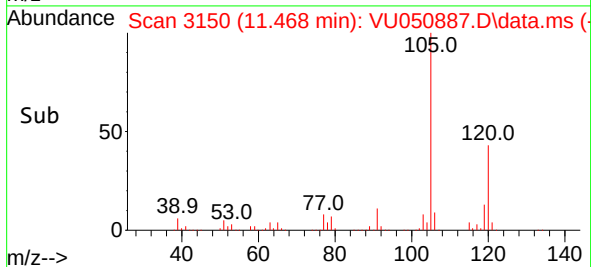
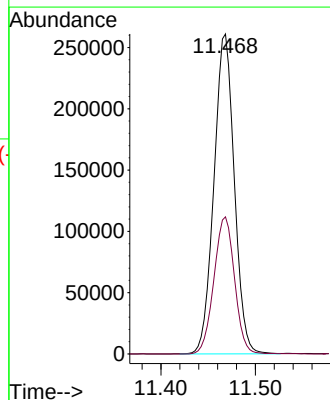
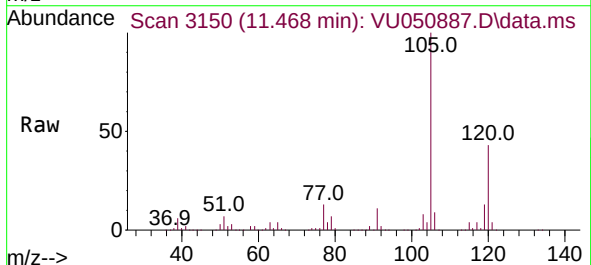
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

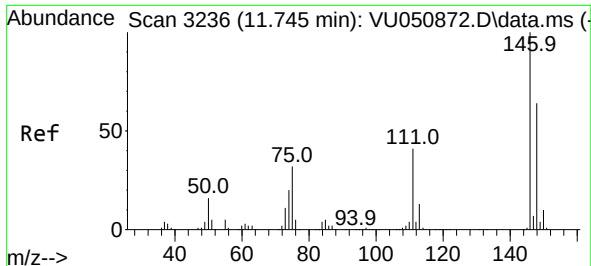
Tgt Ion:105 Resp: 395037
Ion Ratio Lower Upper
105 100
120 47.5 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 53.141 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:105 Resp: 390167
Ion Ratio Lower Upper
105 100
120 43.4 34.9 52.3

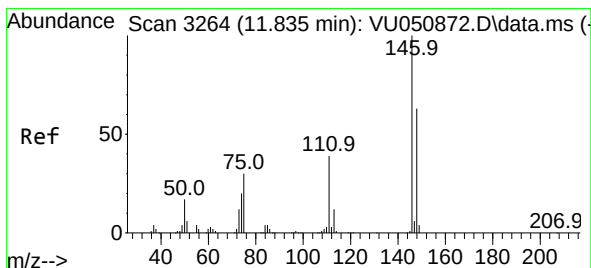
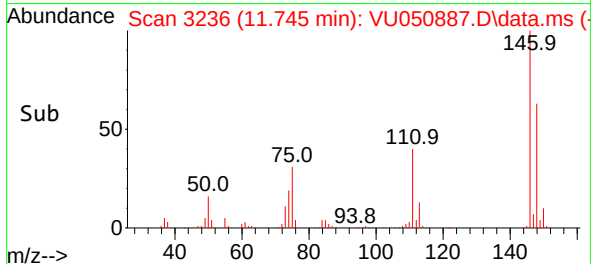
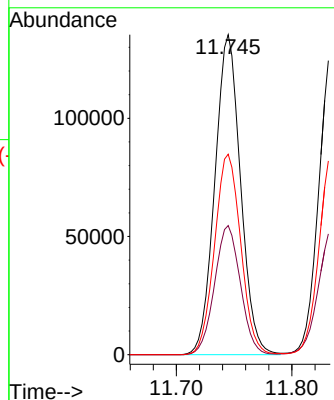
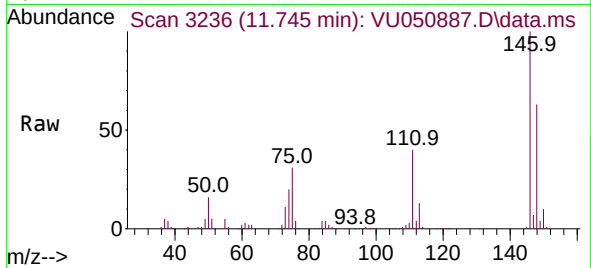




#64
1,3-Dichlorobenzene
Concen: 50.735 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

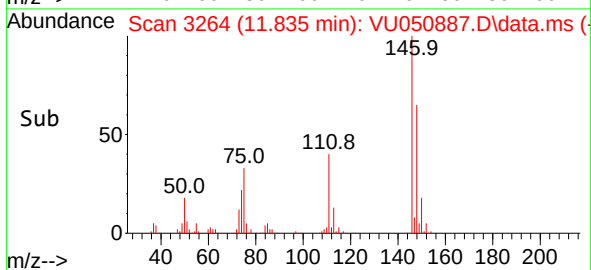
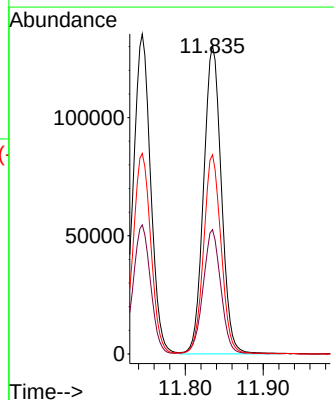
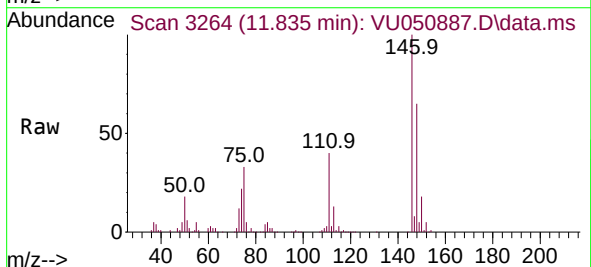
Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

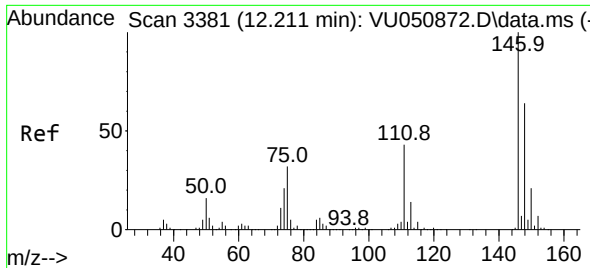
Tgt Ion:146 Resp: 209243
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 62.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.244 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:146 Resp: 206188
Ion Ratio Lower Upper
146 100
111 40.3 27.5 51.1
148 64.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 51.647 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050090

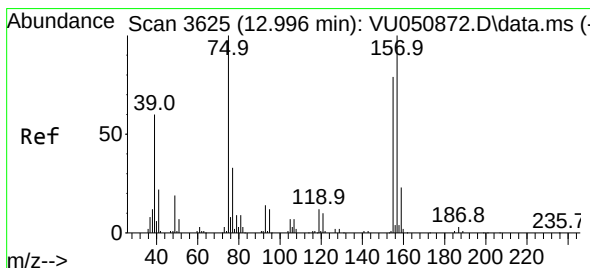
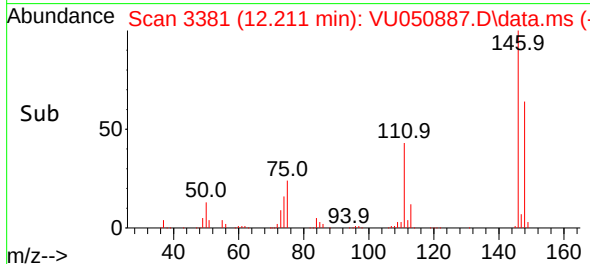
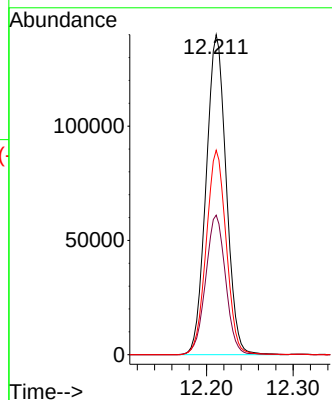
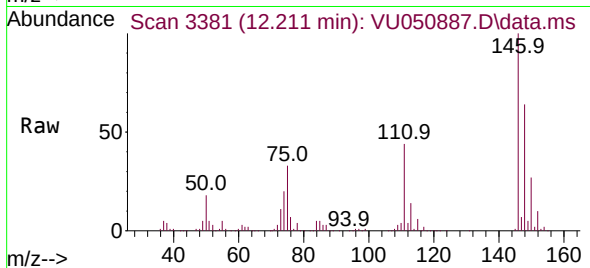
Tgt Ion:146 Resp: 225540

Ion Ratio Lower Upper

146 100

111 43.6 35.2 52.8

148 63.9 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 69.694 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050887.D

Acq: 21 Sep 2022 19:58

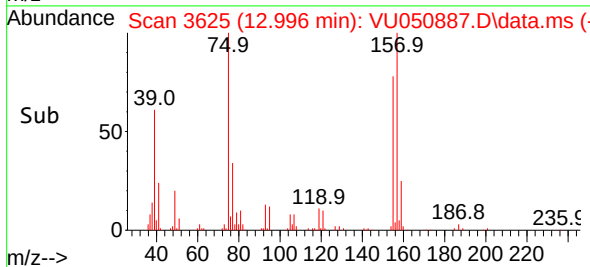
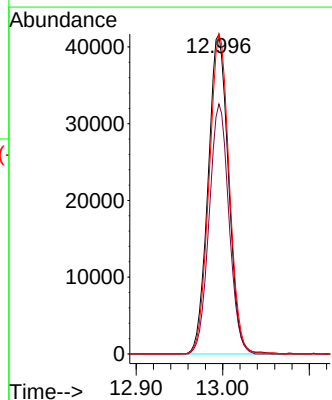
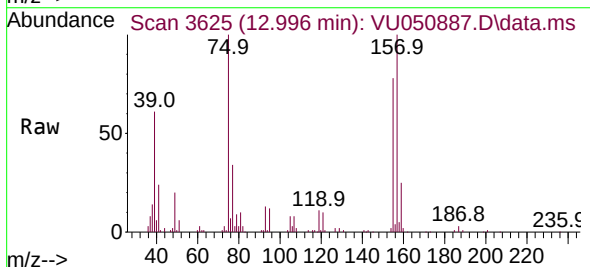
Tgt Ion: 75 Resp: 68042

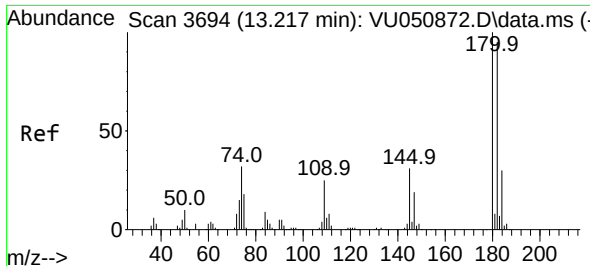
Ion Ratio Lower Upper

75 100

155 78.3 63.8 95.8

157 100.2 81.8 122.8

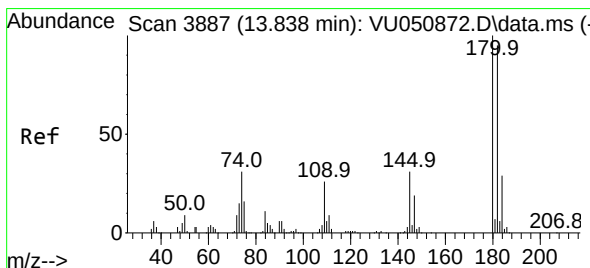
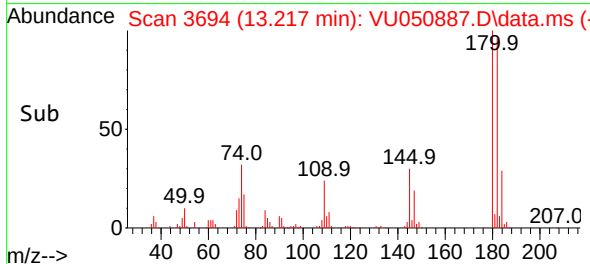
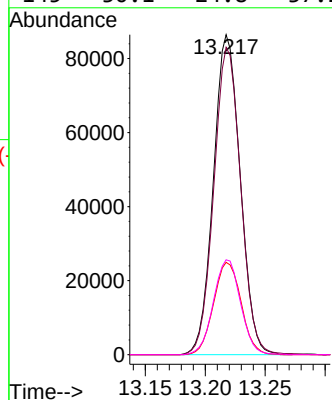
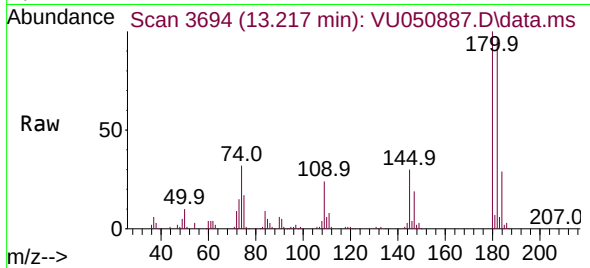




#69
 1,3,5-Trichlorobenzene
 Concen: 46.464 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

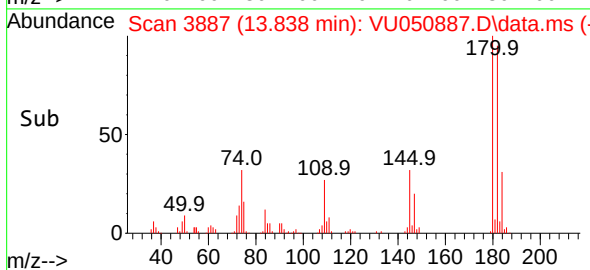
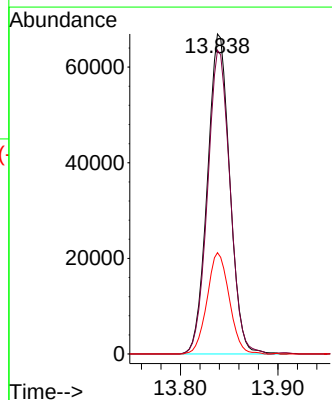
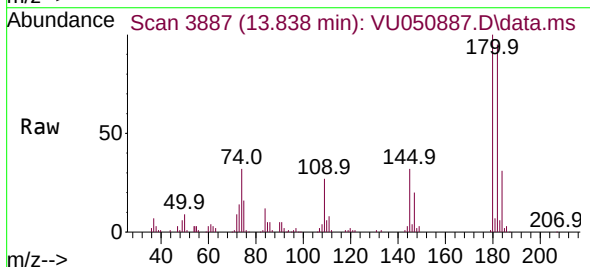
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050090

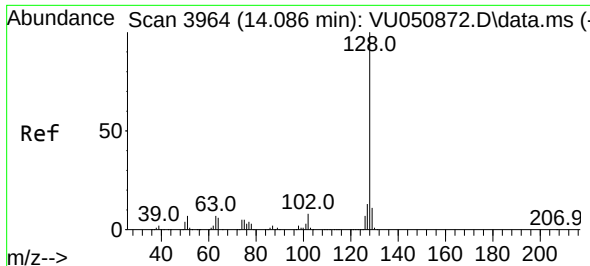
Tgt Ion:	180	Resp:	134075
Ion Ratio	Lower	Upper	
180	100		
182	96.3	78.2	117.2
184	29.7	24.8	37.2
145	30.1	24.8	37.2



#70
 1,2,4-trichlorobenzene
 Concen: 45.210 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050887.D
 Acq: 21 Sep 2022 19:58

Tgt Ion:	180	Resp:	106760
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	31.4	25.1	37.7

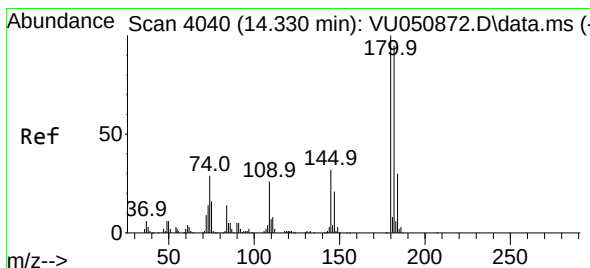
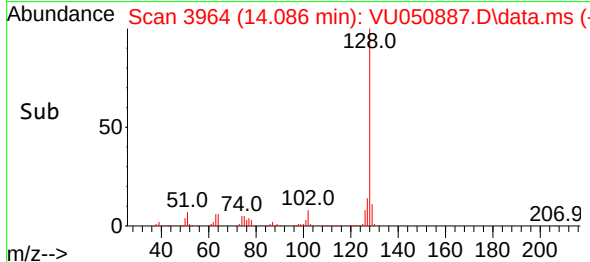
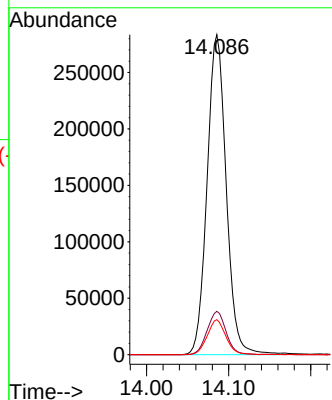
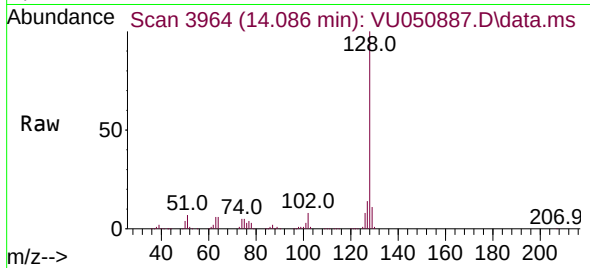




#71
Naphthalene
Concen: 50.632 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050090

Tgt Ion:128 Resp: 459513
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.213 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050887.D
Acq: 21 Sep 2022 19:58

Tgt Ion:180 Resp: 132708
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 32.4 26.3 39.5

