

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050933.D
 Acq On : 23 Sep 2022 20:39
 Operator : JC/MD
 Sample : N4748-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	421604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	415660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	207279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161613	36.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.000%
7) Chloroethane-d5	1.909	69	139089	44.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.420%
11) 1,1-Dichloroethene-d2	2.568	63	287008	42.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
21) 2-Butanone-d5	4.623	46	323726	114.795	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.790%
24) Chloroform-d	5.060	84	318526	46.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.700	65	199455	47.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.726	84	619951	45.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.560%
36) 1,2-Dichloropropane-d6	6.690	67	209941	45.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	7.896	98	562147	46.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
43) trans-1,3-Dichloroprop...	8.179	79	91947	45.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	8.629	63	188642	99.053	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.050%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	335853	47.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	200367	46.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	203116	46.527	ug/L	100
3) Chloromethane	1.520	50	228276	44.979	ug/L	100
5) Vinyl chloride	1.604	62	232700	46.834	ug/L	98
6) Bromomethane	1.855	94	135268	53.890	ug/L	100
8) Chloroethane	1.932	64	140160	50.950	ug/L	99
9) Trichlorofluoromethane	2.138	101	270656	50.220	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	171825	49.811	ug/L	99
12) 1,1-Dichloroethene	2.581	96	157421	48.568	ug/L	87
13) Acetone	2.633	43	229030	95.915	ug/L	99
14) Carbon disulfide	2.794	76	480205	46.852	ug/L	99
15) Methyl Acetate	2.948	43	238655	52.961	ug/L	98
16) Methylene chloride	3.044	84	191976	42.656	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	164324	49.464	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	503019	49.669	ug/L	99
19) 1,1-Dichloroethane	3.867	63	326089	48.579	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	183254	49.751	ug/L	98
22) 2-Butanone	4.700	43	367237	116.676	ug/L	100
23) Bromochloromethane	4.973	128	95873	49.662	ug/L	96
25) Chloroform	5.086	83	332619	49.720	ug/L	99

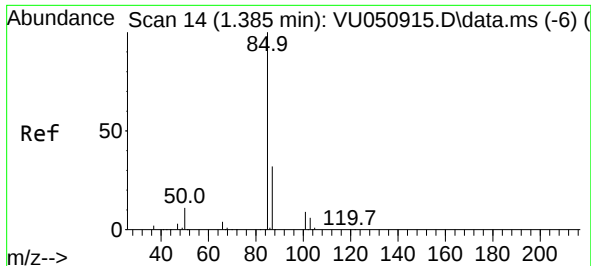
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	255440	50.244	ug/L	99
29) Cyclohexane	5.388	56	271917	47.536	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	272289	49.240	ug/L	100
31) Carbon tetrachloride	5.523	117	225504	49.088	ug/L	100
33) Benzene	5.774	78	763217	49.894	ug/L	100
34) Trichloroethene	6.539	95	182292	51.303	ug/L	99
35) Methylcyclohexane	6.764	83	282289	49.306	ug/L	98
37) 1,2-Dichloropropane	6.790	63	202254	48.318	ug/L	100
38) Bromodichloromethane	7.105	83	249932	50.115	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	271898	48.541	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	645556	111.906	ug/L	99
42) Toluene	7.967	91	784166	51.639	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	260976	48.977	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	191220	49.571	ug/L	98
46) Tetrachloroethene	8.552	164	124767	48.862	ug/L	98
48) 2-Hexanone	8.681	43	551071	114.322	ug/L	99
49) Dibromochloromethane	8.809	129	190751	50.432	ug/L	100
50) 1,2-Dibromoethane	8.922	107	203695	50.895	ug/L	99
51) Chlorobenzene	9.446	112	450599	48.604	ug/L	99
52) Ethylbenzene	9.568	91	764769	50.482	ug/L	98
53) m,p-Xylene	9.690	106	291600	51.774	ug/L	97
54) o-Xylene	10.099	106	287842	51.292	ug/L	98
55) Styrene	10.112	104	511218	53.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	343603	48.139	ug/L	98
59) Bromoform	10.288	173	142249	47.547	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	277504	47.597	ug/L	99
61) Isopropylbenzene	10.481	105	730425	49.310	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	605681	49.739	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	608484	50.458	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	331901	48.997	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	337403	49.062	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	347616	48.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	85916	53.579	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	229851	48.497	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	190022	48.993	ug/L	99
71) Naphthalene	14.082	128	764920	51.315	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	219478	50.561	ug/L	99

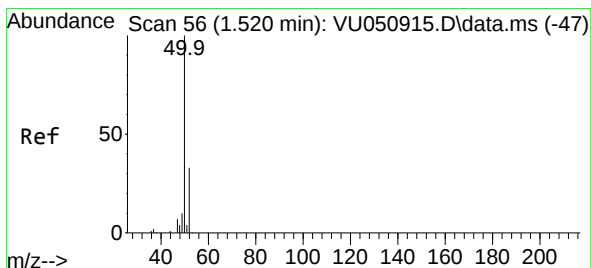
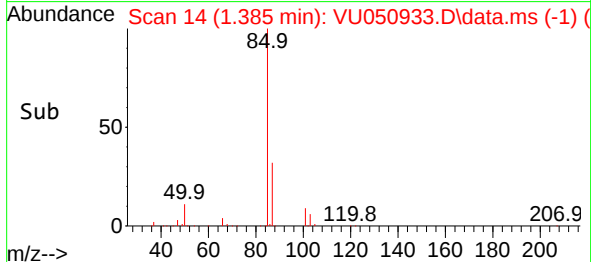
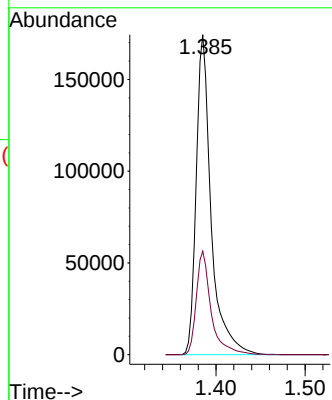
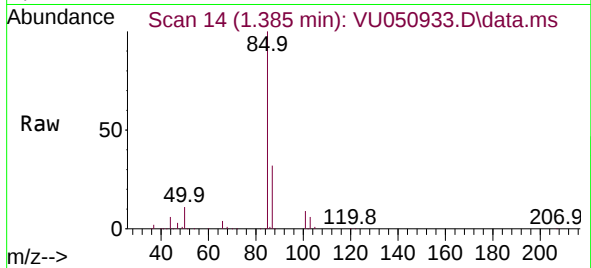
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#2
Dichlorodifluoromethane
Concen: 46.527 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

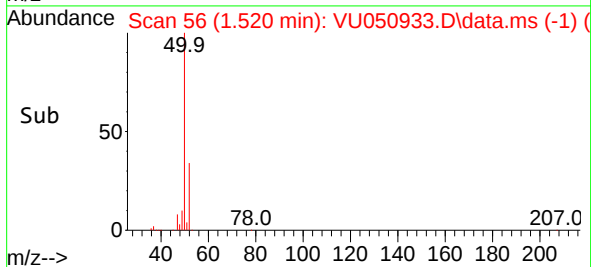
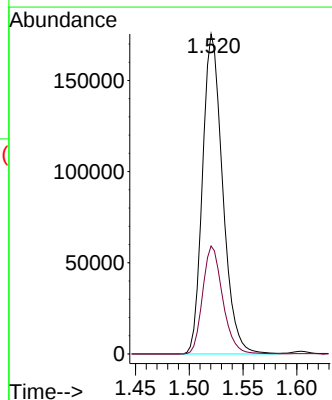
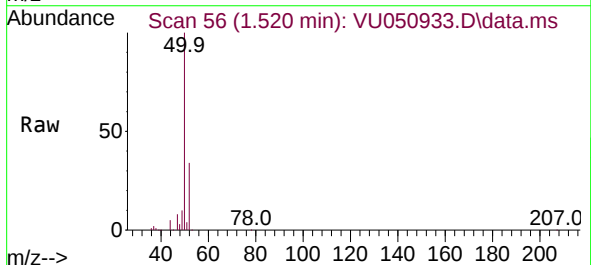
Instrument :
MSVOA_U
ClientSampleId :

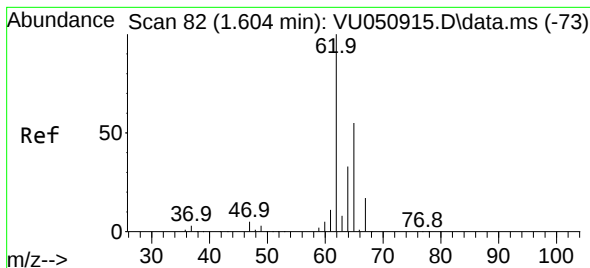
Tgt Ion: 85 Resp: 203116
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 44.979 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 50 Resp: 228276
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 46.834 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

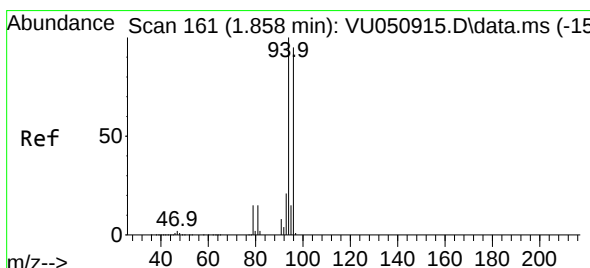
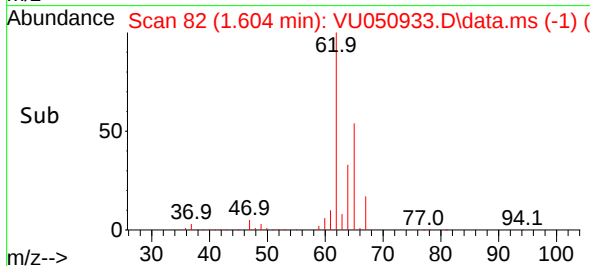
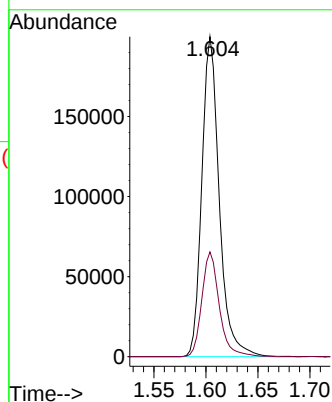
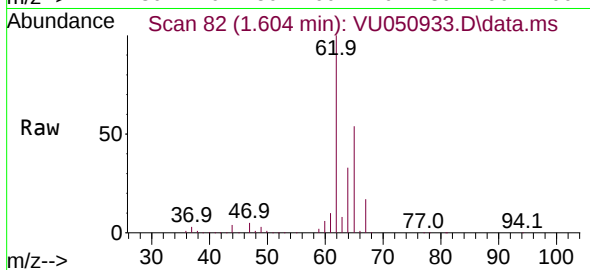
ClientSampleId :

Tgt Ion: 62 Resp: 232700

Ion Ratio Lower Upper

62 100

64 32.7 22.2 41.2



#6

Bromomethane

Concen: 53.890 ug/L

RT: 1.855 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU050933.D

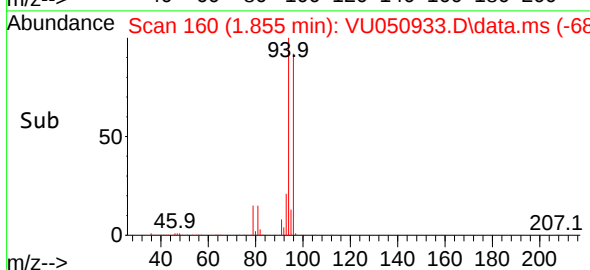
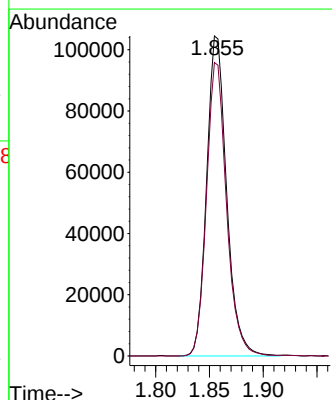
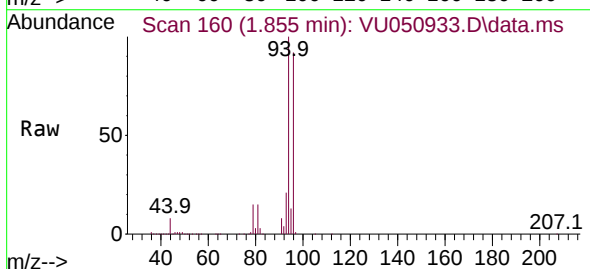
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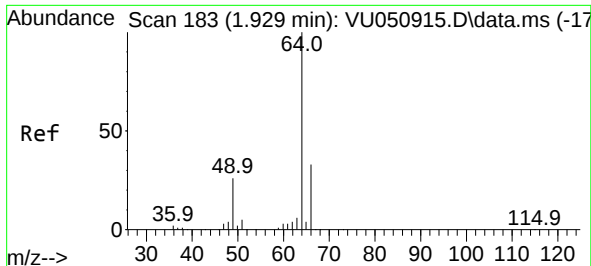
Tgt Ion: 94 Resp: 135268

Ion Ratio Lower Upper

94 100

96 91.7 64.0 119.0

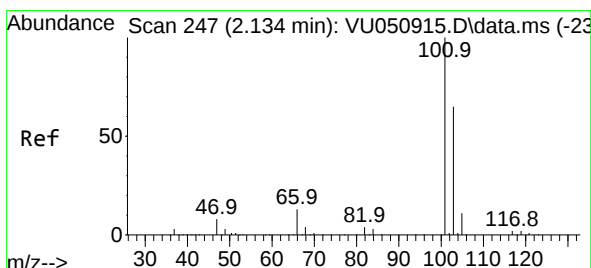
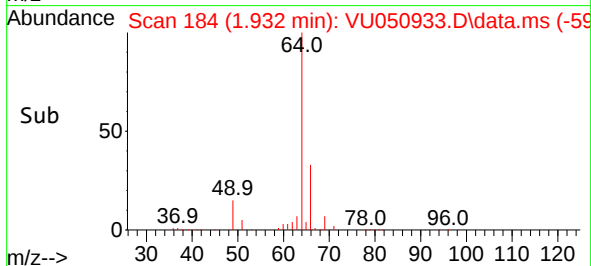
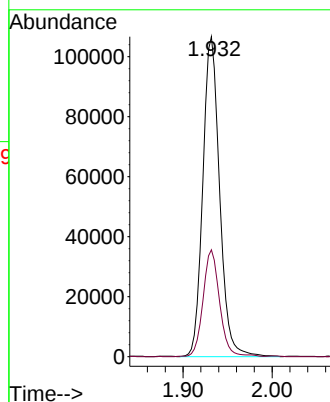
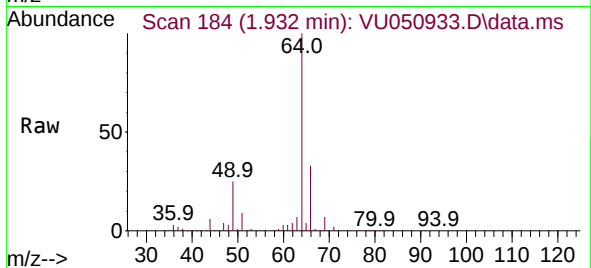




#8
Chloroethane
Concen: 50.950 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

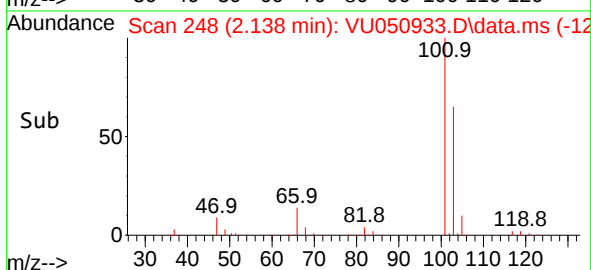
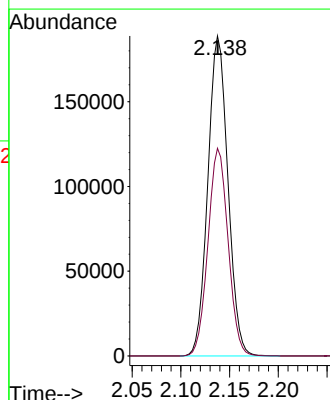
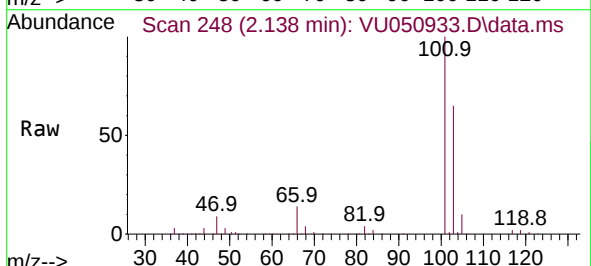
Instrument :
MSVOA_U
ClientSampleId :

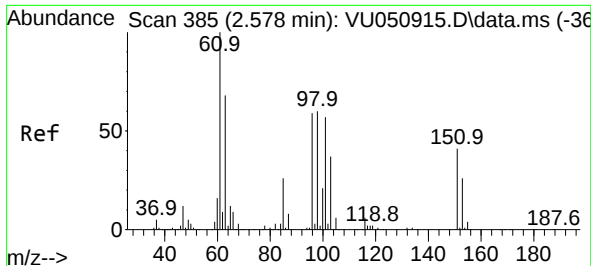
Tgt Ion: 64 Resp: 140160
Ion Ratio Lower Upper
64 100
66 33.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.220 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion:101 Resp: 270656
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3





#10

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

Concen: 49.811 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

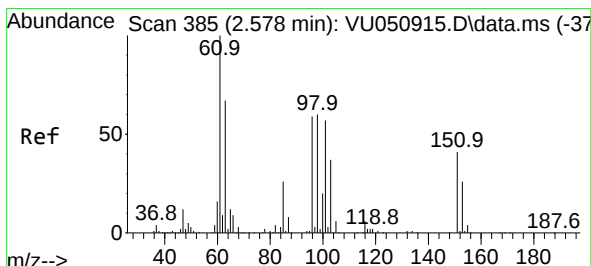
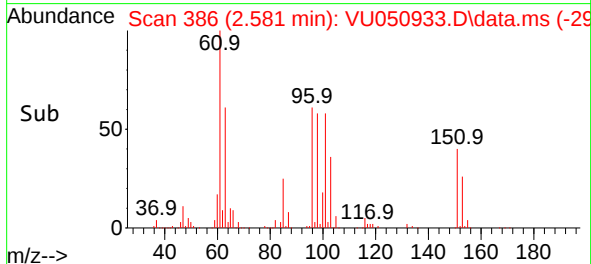
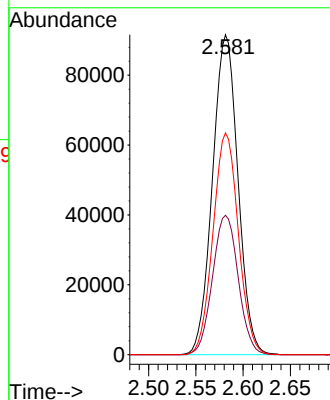
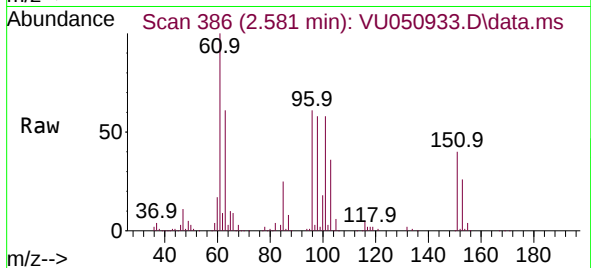
Tgt Ion:101 Resp: 171825

Ion Ratio Lower Upper

101 100

85 44.0 35.1 52.7

151 69.0 56.6 84.8



#12

1,1-Dichloroethene

Concen: 48.568 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

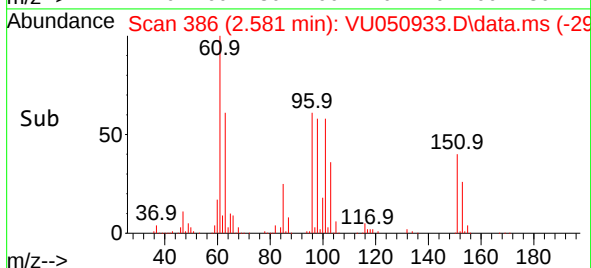
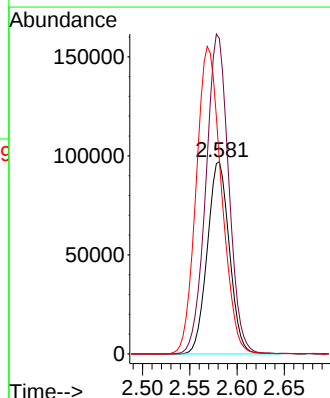
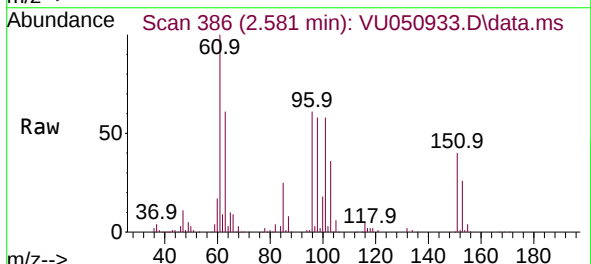
Tgt Ion: 96 Resp: 157421

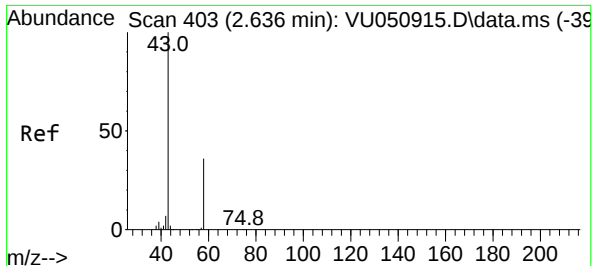
Ion Ratio Lower Upper

96 100

61 164.1 118.6 220.2

63 100.5 90.4 168.0





#13

Acetone

Concen: 95.915 ug/L

RT: 2.633 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

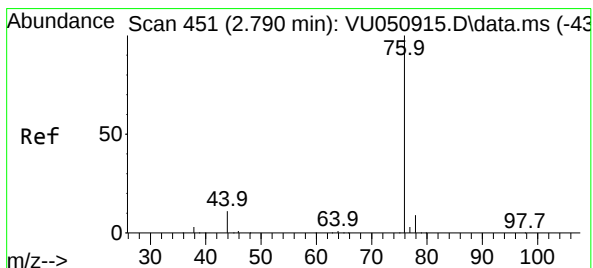
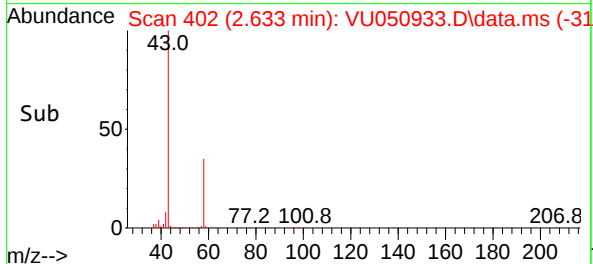
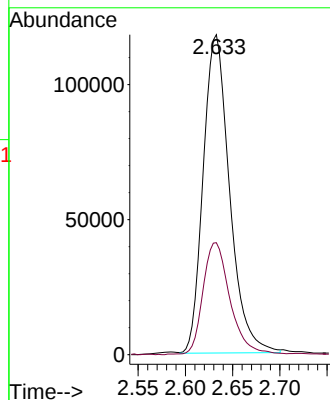
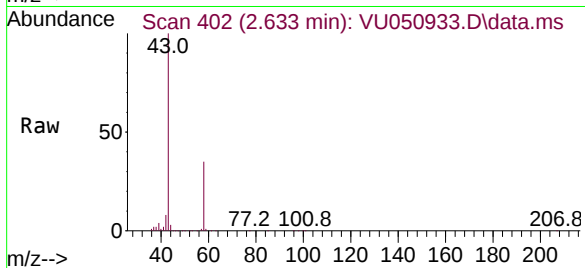
ClientSampleId :

Tgt Ion: 43 Resp: 229030

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.4



#14

Carbon disulfide

Concen: 46.852 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050933.D

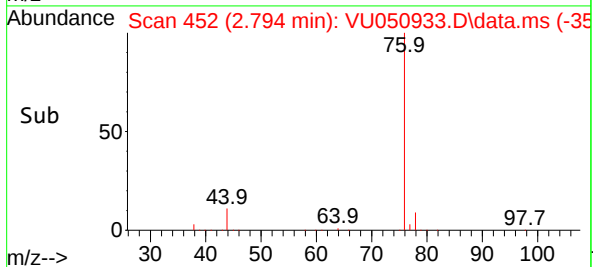
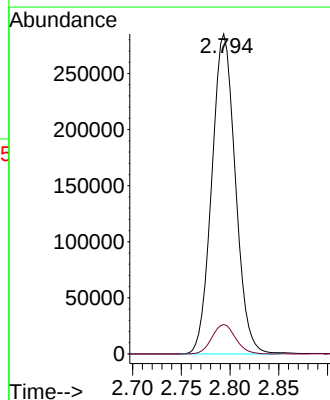
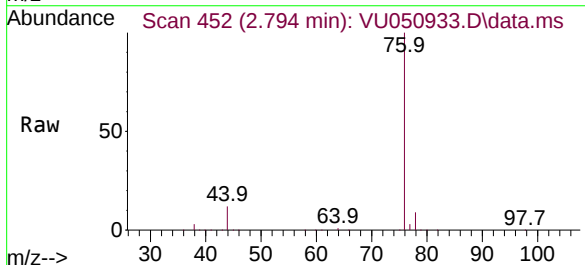
Acq: 23 Sep 2022 20:39

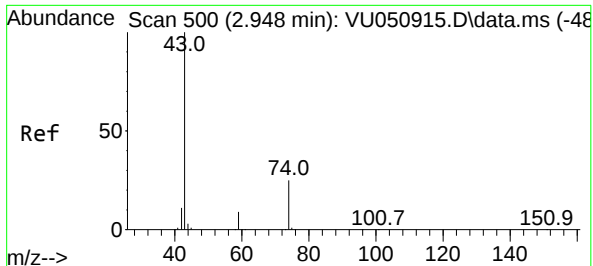
Tgt Ion: 76 Resp: 480205

Ion Ratio Lower Upper

76 100

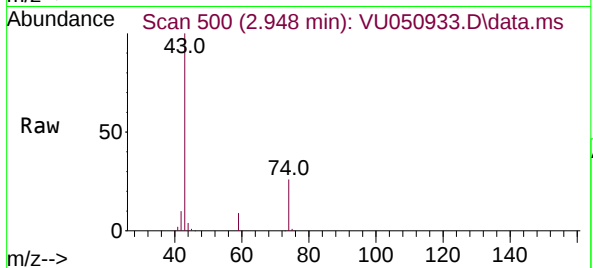
78 9.2 7.5 11.3



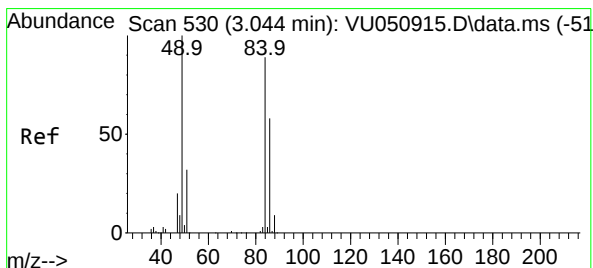
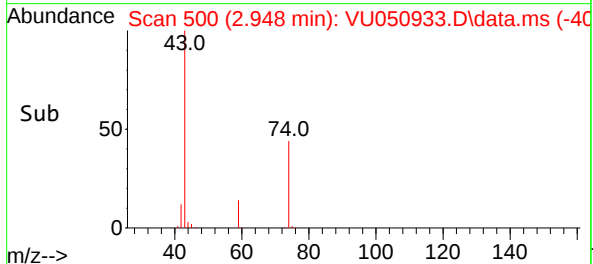
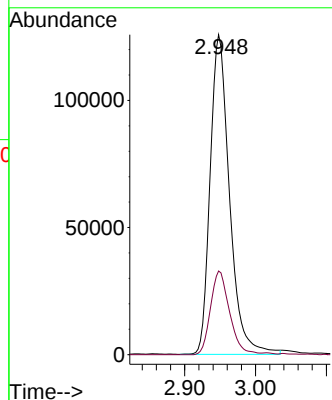


#15
Methyl Acetate
Concen: 52.961 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Instrument :
MSVOA_U
ClientSampleId :

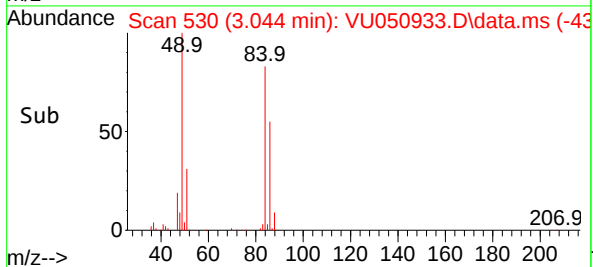
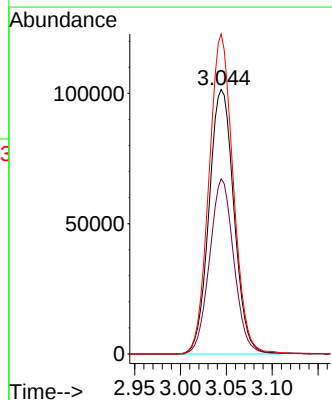
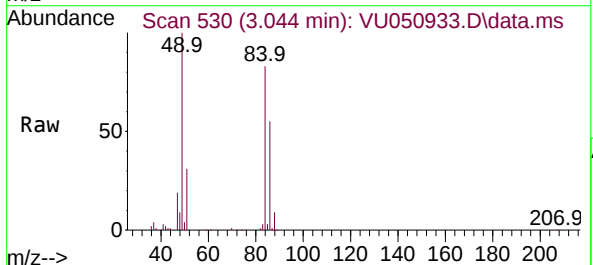


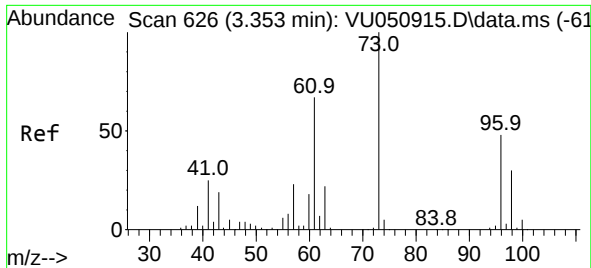
Tgt Ion: 43 Resp: 238655
Ion Ratio Lower Upper
43 100
74 25.7 19.9 29.9



#16
Methylene chloride
Concen: 42.656 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 84 Resp: 191976
Ion Ratio Lower Upper
84 100
86 66.2 44.4 82.5
49 121.0 83.3 154.7

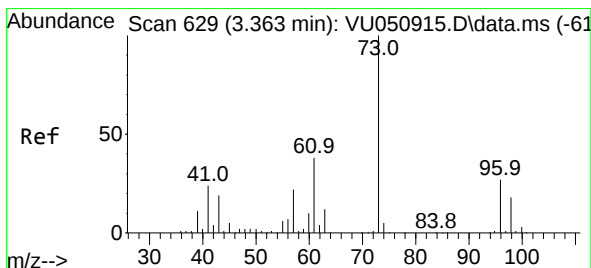
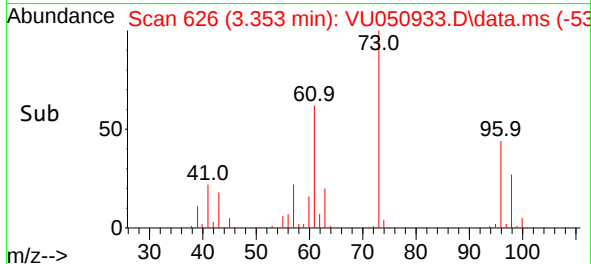
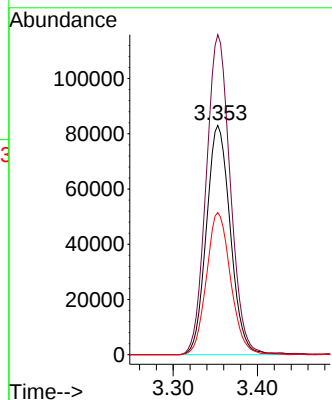
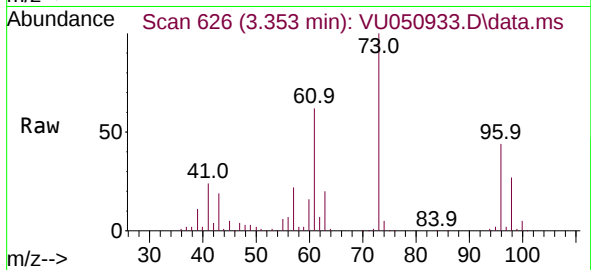




#17
 trans-1,2-Dichloroethene
 Concen: 49.464 ug/L
 RT: 3.353 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

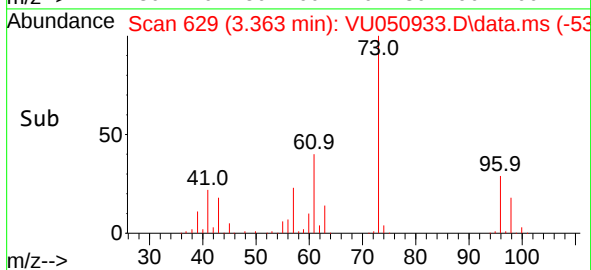
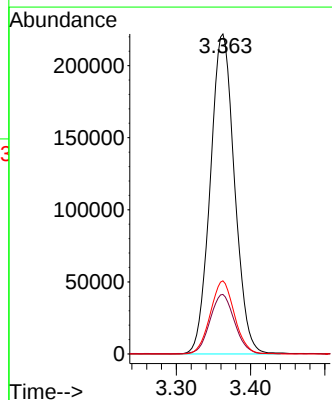
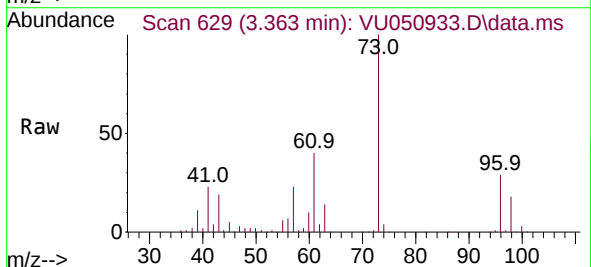
Instrument :
 MSVOA_U
 ClientSampleId :

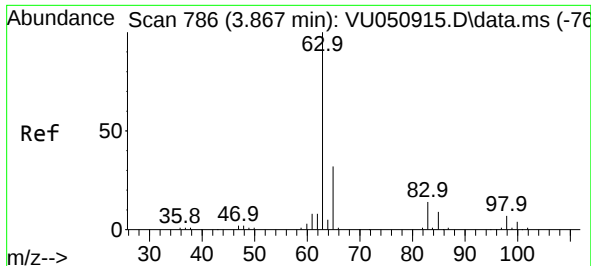
Tgt Ion: 96 Resp: 164324
 Ion Ratio Lower Upper
 96 100
 61 139.6 98.0 182.0
 98 61.9 44.3 82.3



#18
 Methyl tert-butyl Ether
 Concen: 49.669 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. 0.000 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

Tgt Ion: 73 Resp: 503019
 Ion Ratio Lower Upper
 73 100
 43 18.6 14.4 21.6
 57 22.8 18.6 27.8





#19

1,1-Dichloroethane

Concen: 48.579 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

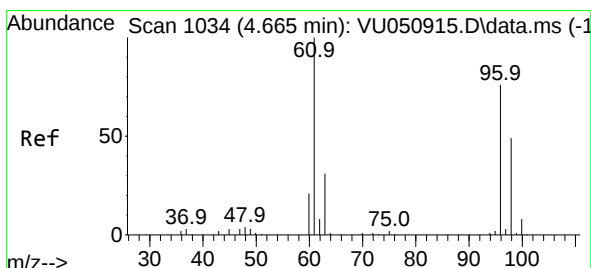
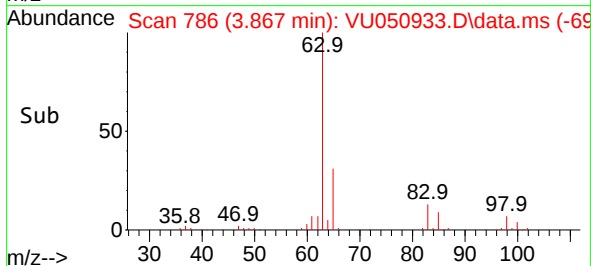
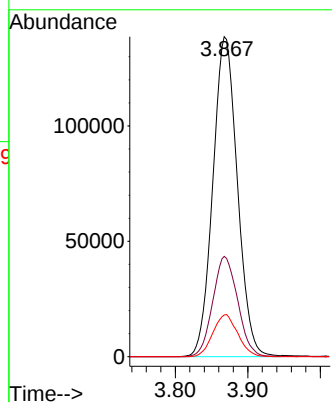
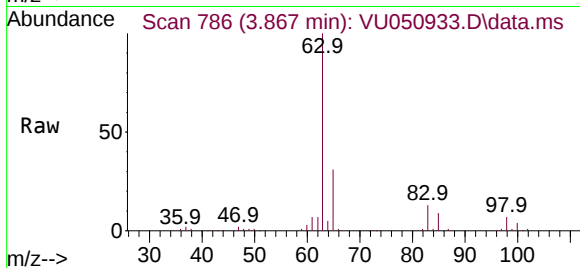
Tgt Ion: 63 Resp: 326089

Ion Ratio Lower Upper

63 100

65 31.4 21.5 39.9

83 13.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 49.751 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

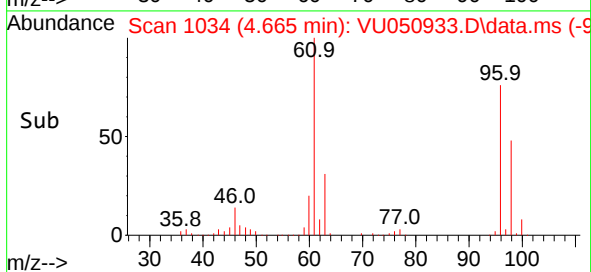
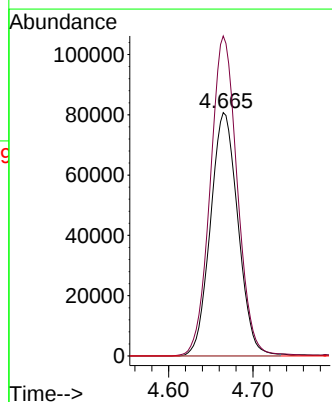
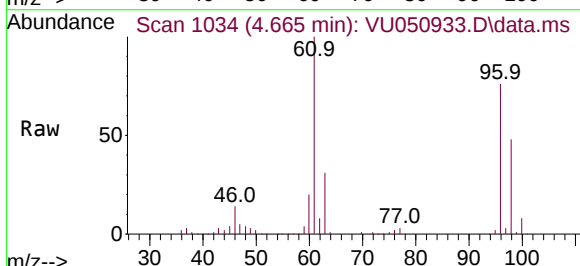
Tgt Ion: 96 Resp: 183254

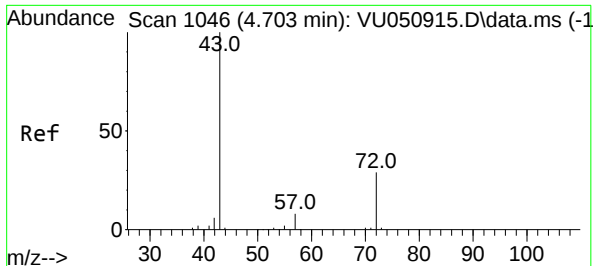
Ion Ratio Lower Upper

96 100

61 131.5 90.1 167.3

68 0.0 0.0 0.0

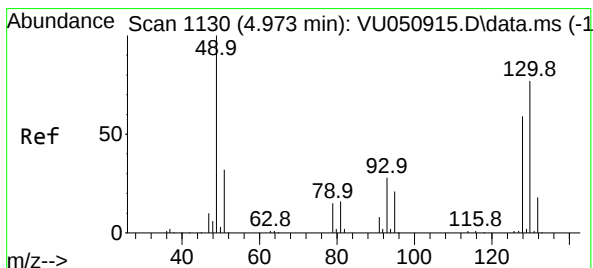
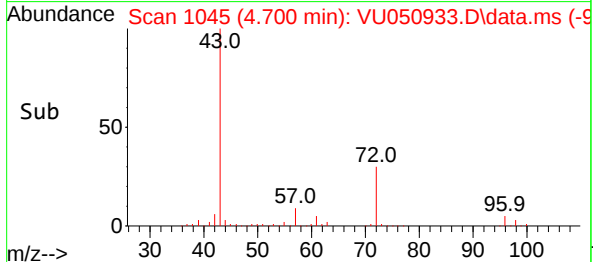
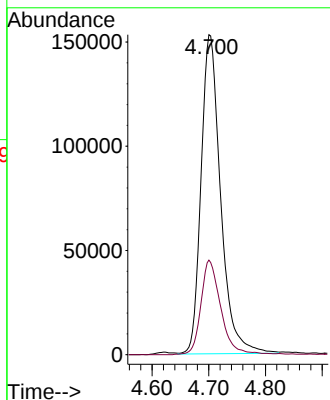
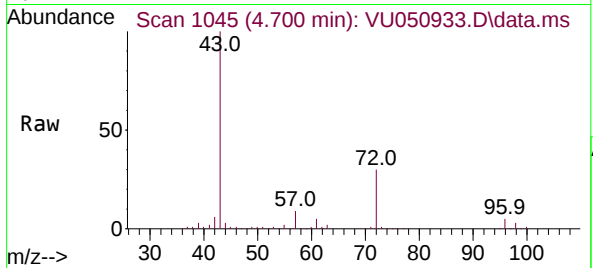




#22
2-Butanone
Concen: 116.676 ug/L
RT: 4.700 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

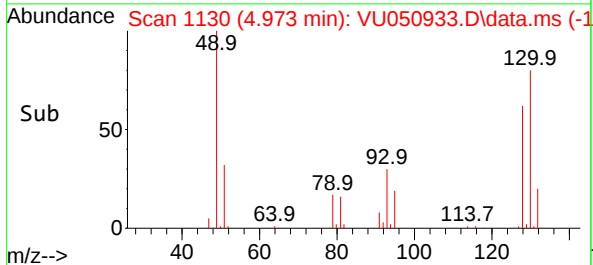
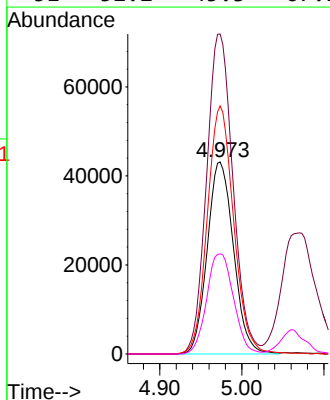
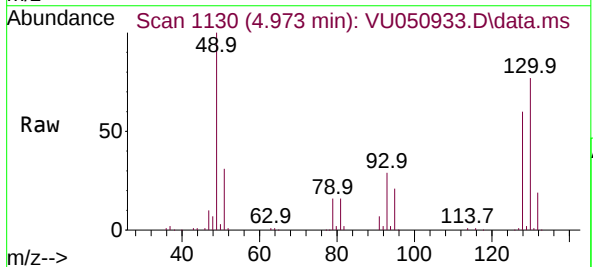
Instrument :
MSVOA_U
ClientSampleId :

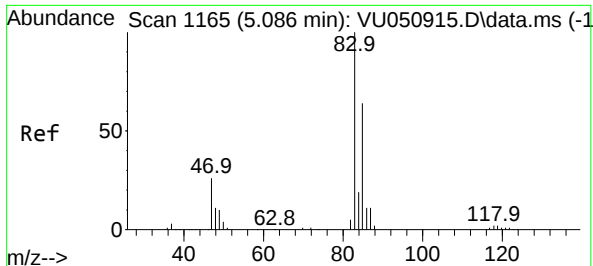
Tgt Ion: 43 Resp: 367237
Ion Ratio Lower Upper
43 100
72 29.6 14.8 44.3



#23
Bromochloromethane
Concen: 49.662 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion:128 Resp: 95873
Ion Ratio Lower Upper
128 100
49 166.7 123.1 228.5
130 129.1 90.9 168.7
51 52.2 45.3 67.9





#25

Chloroform

Concen: 49.720 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

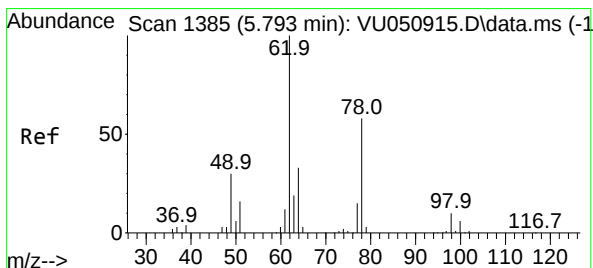
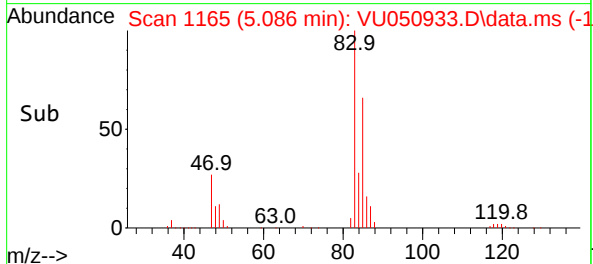
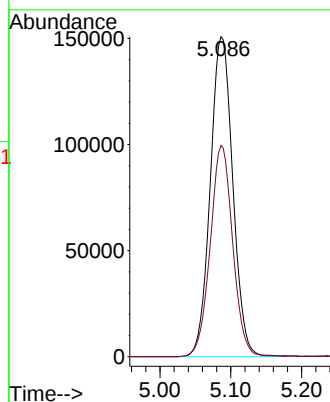
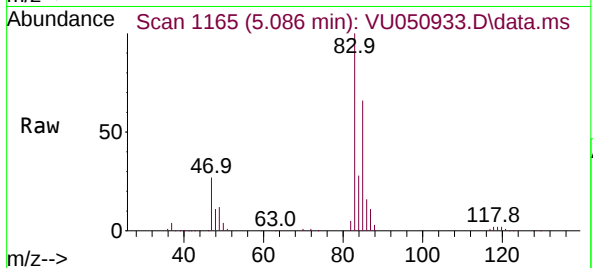
ClientSampleId :

Tgt Ion: 83 Resp: 332619

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 50.244 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050933.D

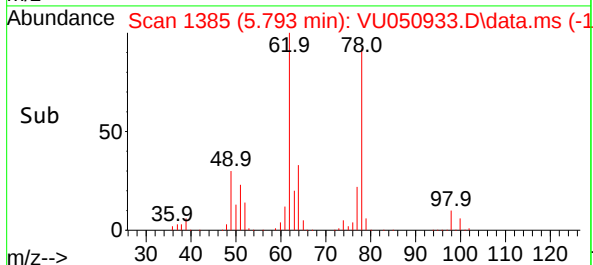
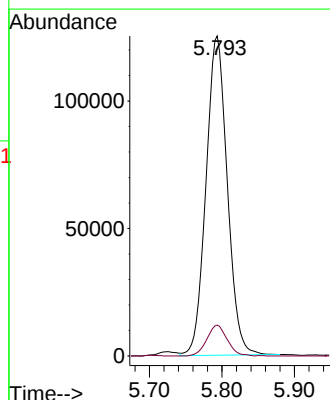
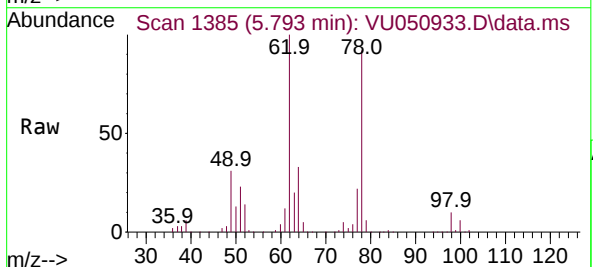
Acq: 23 Sep 2022 20:39

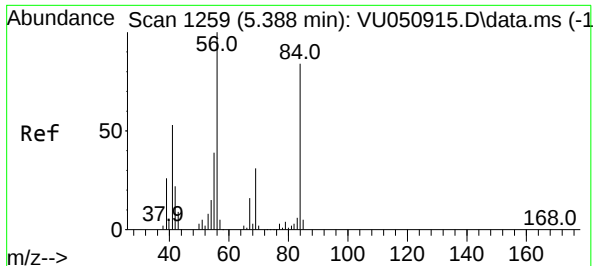
Tgt Ion: 62 Resp: 255440

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 47.536 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

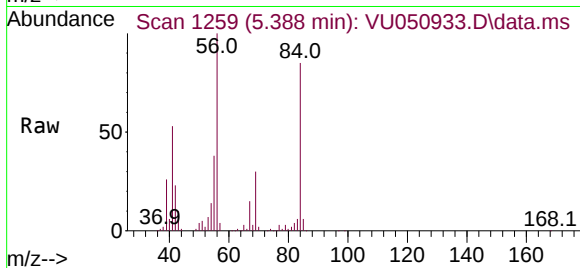
Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :



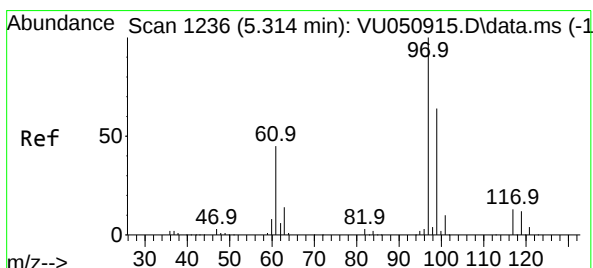
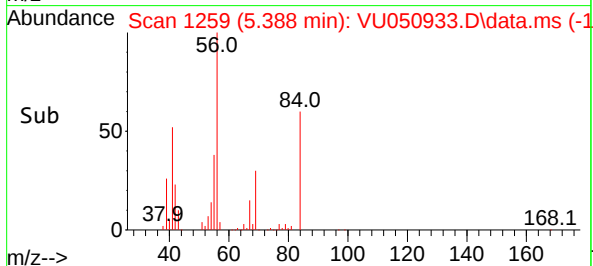
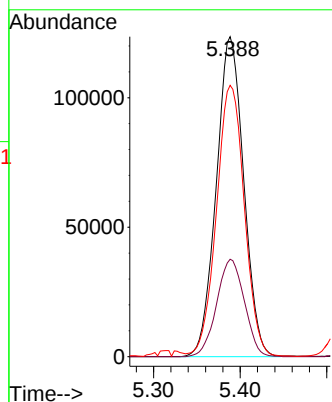
Tgt Ion: 56 Resp: 271917

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 85.6 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 49.240 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

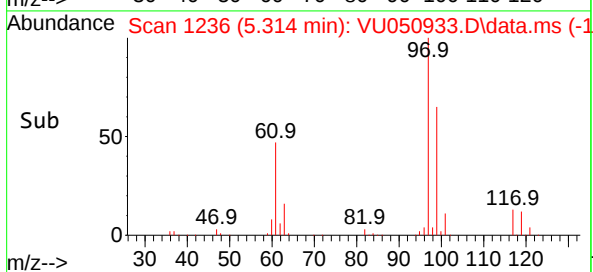
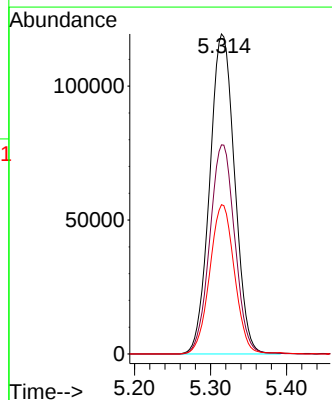
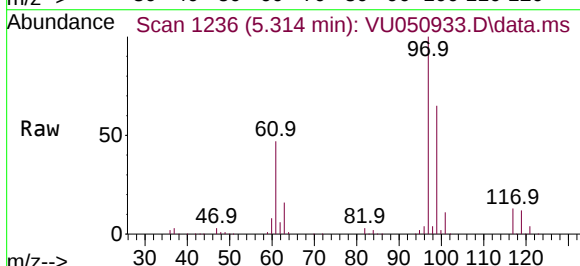
Tgt Ion: 97 Resp: 272289

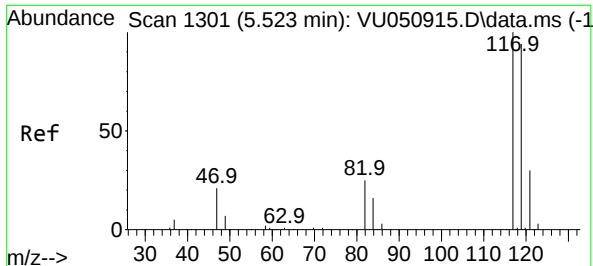
Ion Ratio Lower Upper

97 100

99 65.6 52.2 78.2

61 46.3 37.1 55.7

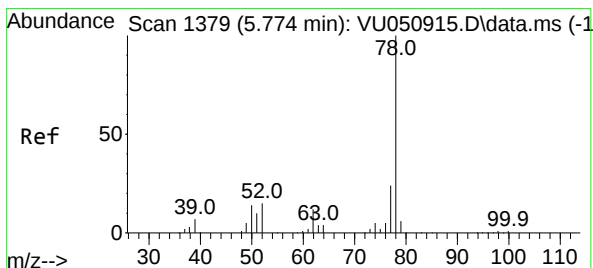
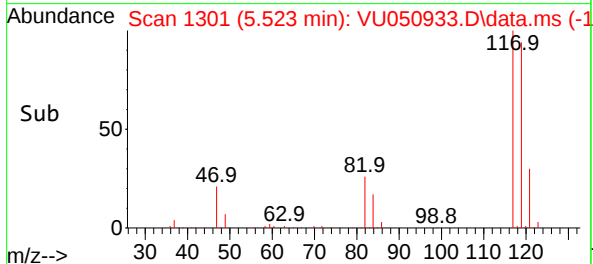
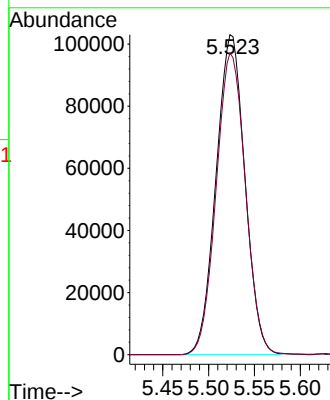
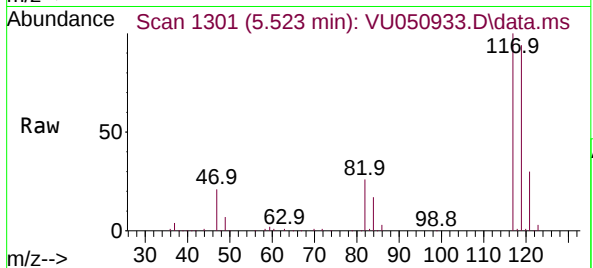




#31
Carbon tetrachloride
Concen: 49.088 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

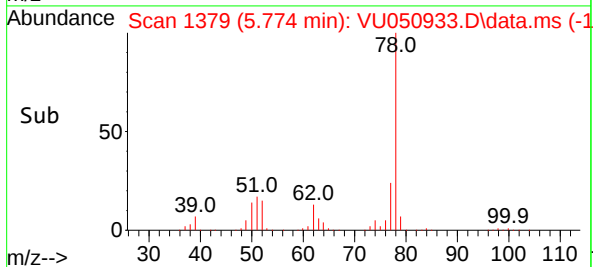
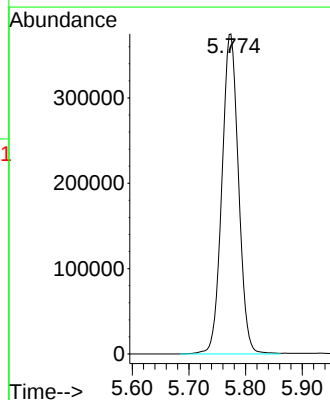
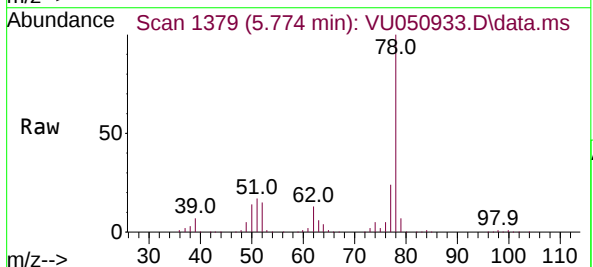
Instrument :
MSVOA_U
ClientSampleId :

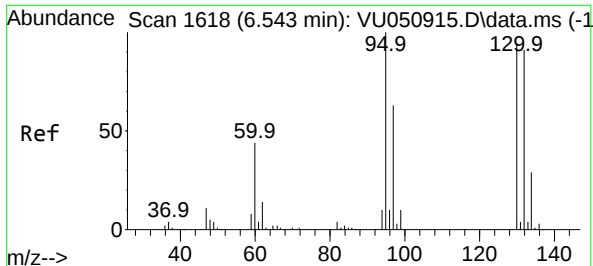
Tgt Ion:117 Resp: 225504
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0



#33
Benzene
Concen: 49.894 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 78 Resp: 763217





#34

Trichloroethene

Concen: 51.303 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 182292

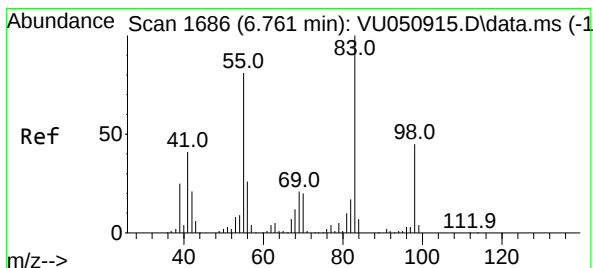
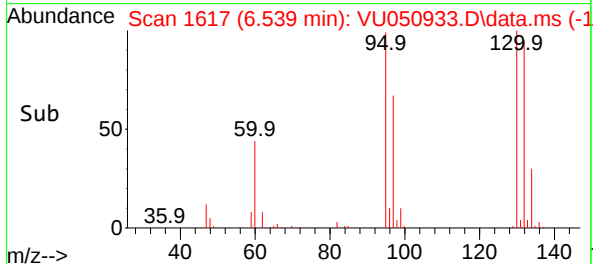
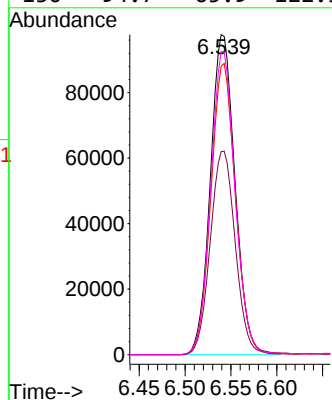
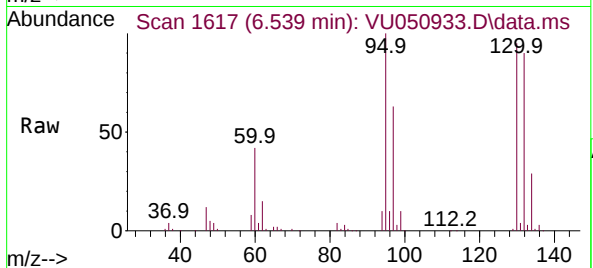
Ion Ratio Lower Upper

95 100

97 63.4 43.9 81.5

132 90.2 63.1 117.1

130 94.7 65.9 122.3



#35

Methylcyclohexane

Concen: 49.306 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

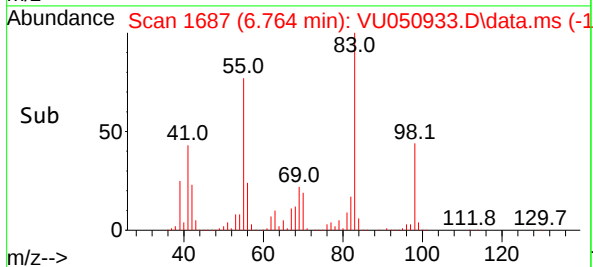
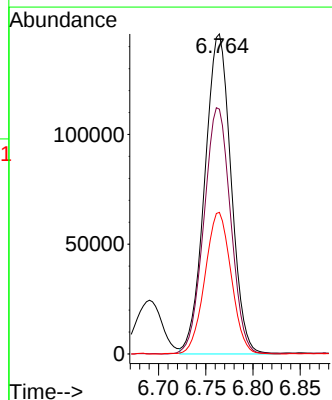
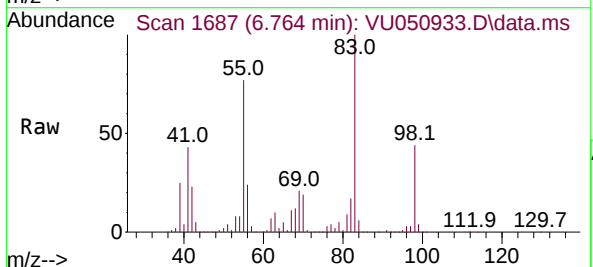
Tgt Ion: 83 Resp: 282289

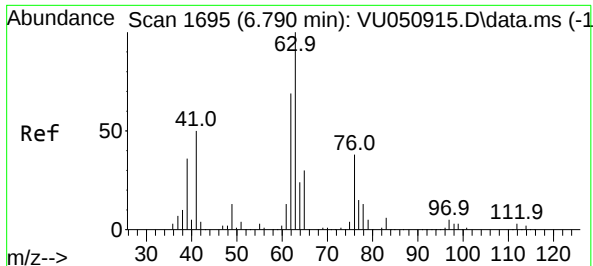
Ion Ratio Lower Upper

83 100

55 78.2 64.7 97.1

98 44.1 35.2 52.8





#37

1,2-Dichloropropane

Concen: 48.318 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

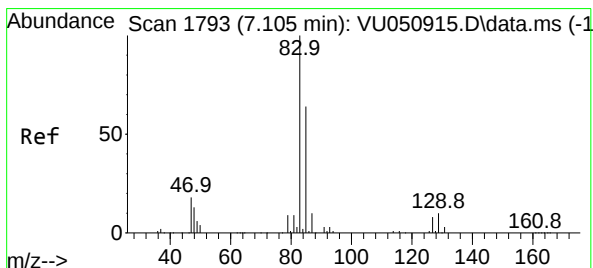
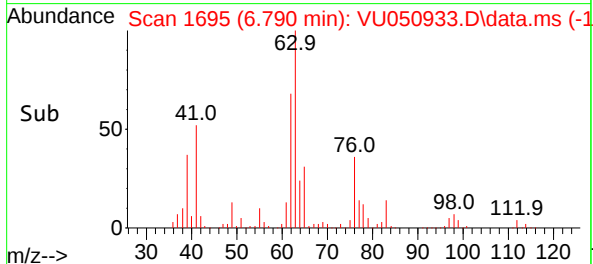
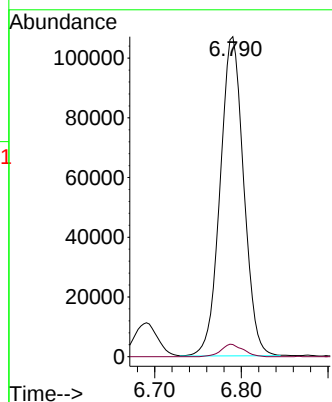
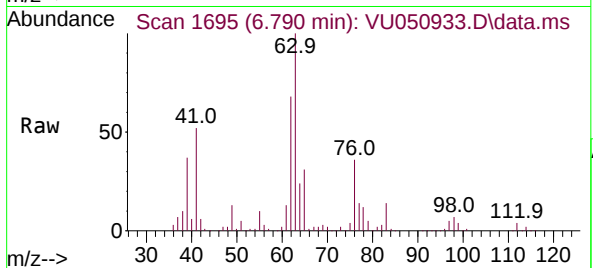
ClientSampleId :

Tgt Ion: 63 Resp: 202254

Ion Ratio Lower Upper

63 100

112 3.7 2.9 4.3



#38

Bromodichloromethane

Concen: 50.115 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

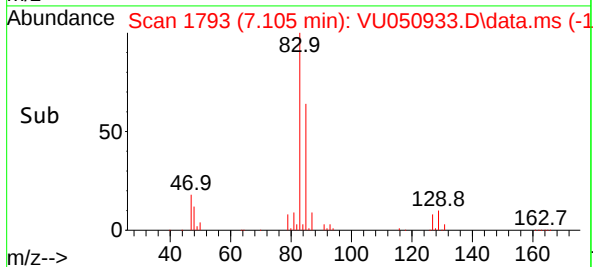
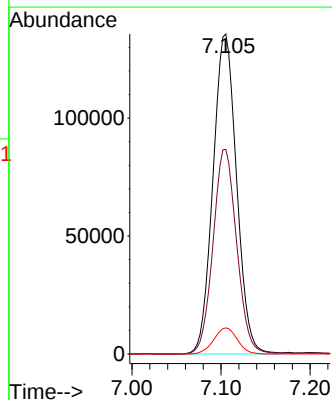
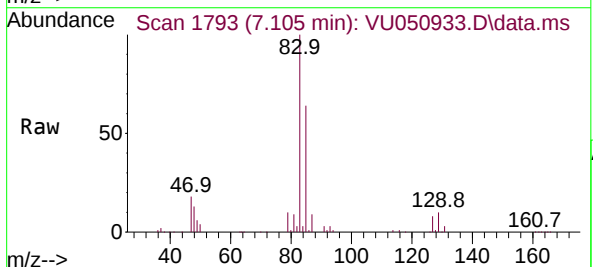
Tgt Ion: 83 Resp: 249932

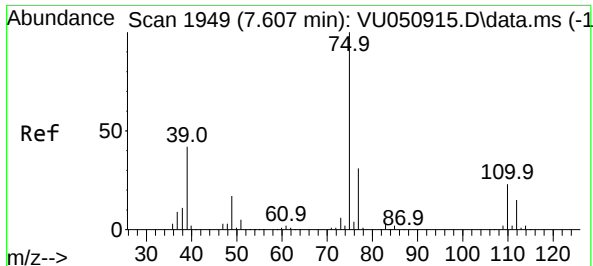
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 48.541 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

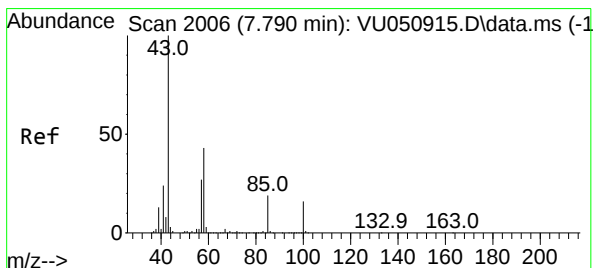
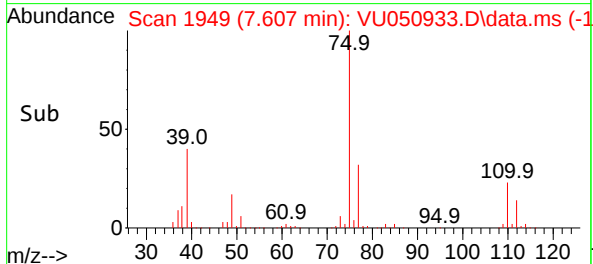
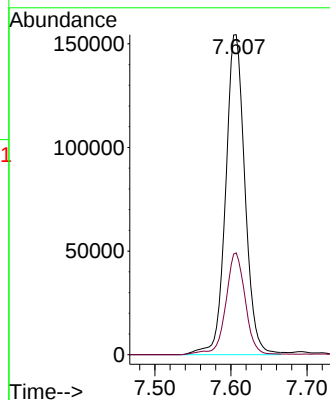
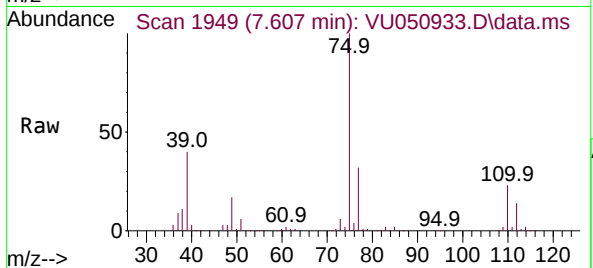
ClientSampleId :

Tgt Ion: 75 Resp: 271898

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 111.906 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

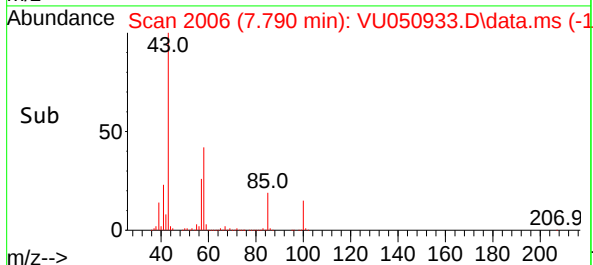
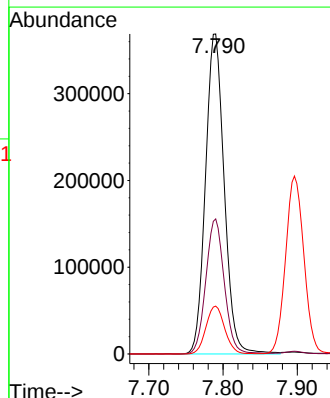
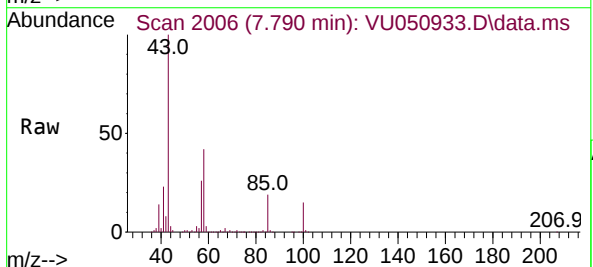
Tgt Ion: 43 Resp: 645556

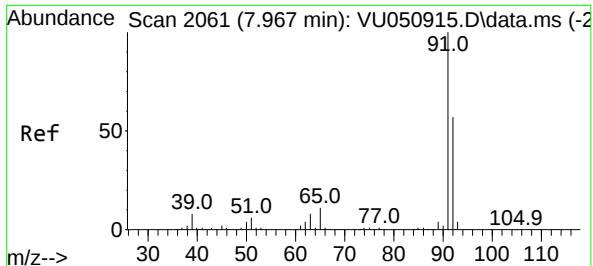
Ion Ratio Lower Upper

43 100

58 41.6 33.8 50.6

100 14.9 12.0 18.0





#42

Toluene

Concen: 51.639 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

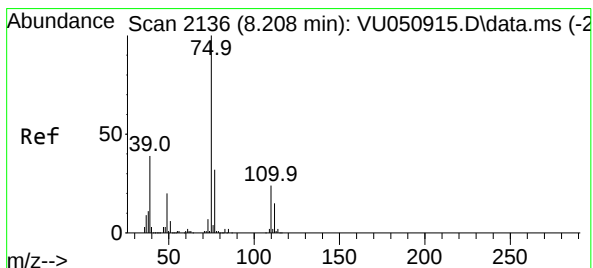
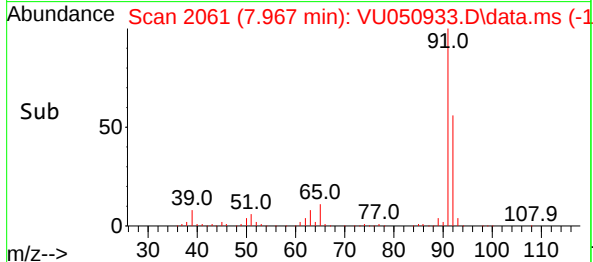
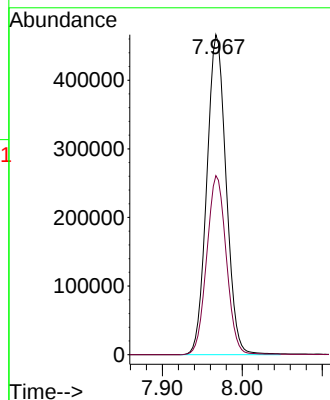
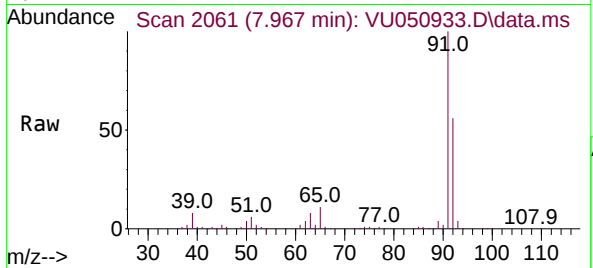
ClientSampleId :

Tgt Ion: 91 Resp: 784166

Ion Ratio Lower Upper

91 100

92 56.0 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 48.977 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050933.D

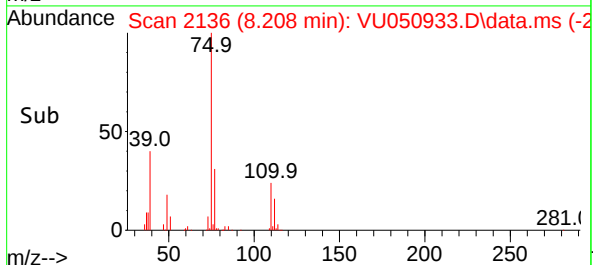
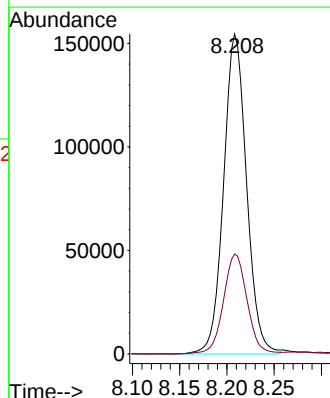
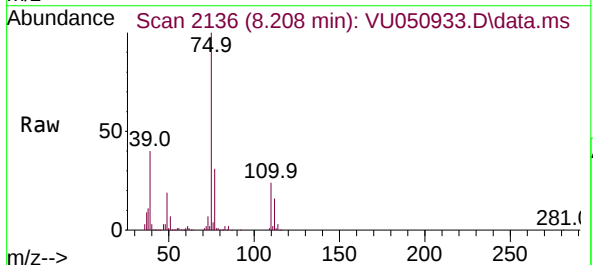
Acq: 23 Sep 2022 20:39

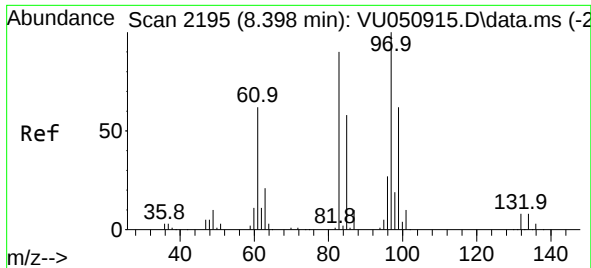
Tgt Ion: 75 Resp: 260976

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7

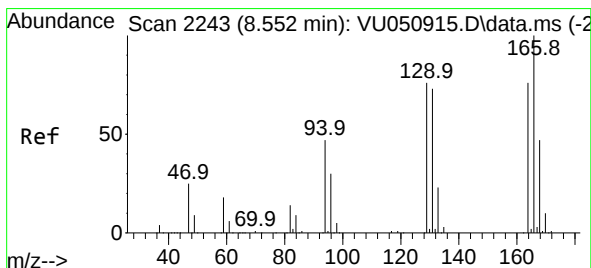
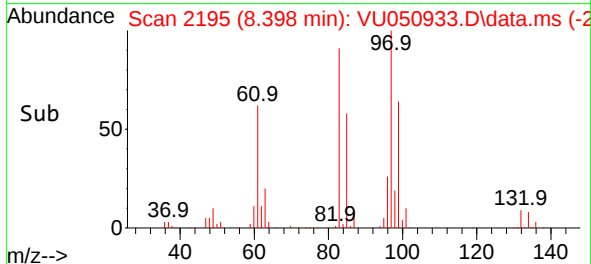
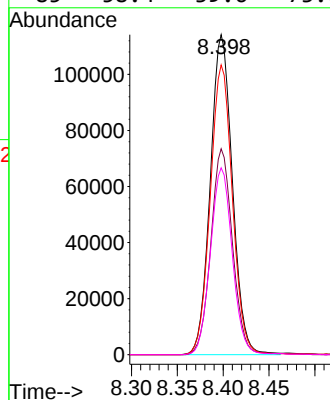
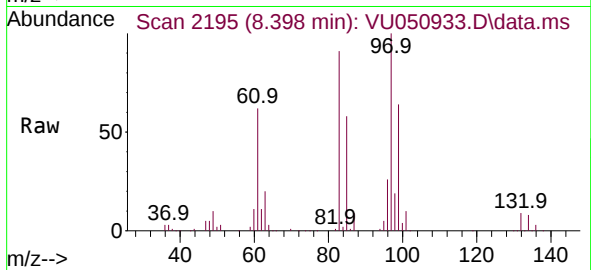




#45
1,1,2-Trichloroethane
Concen: 49.571 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

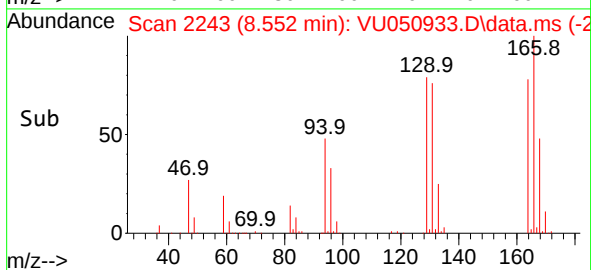
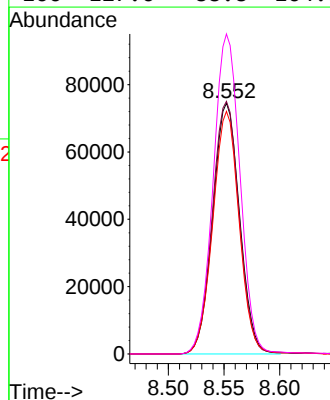
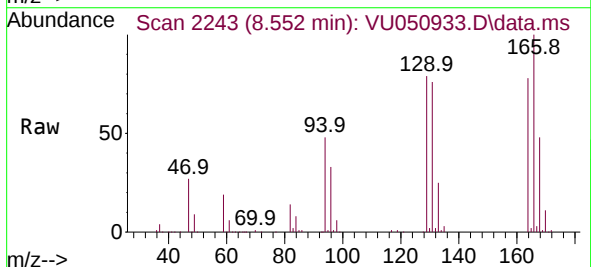
Instrument :
MSVOA_U
ClientSampleId :

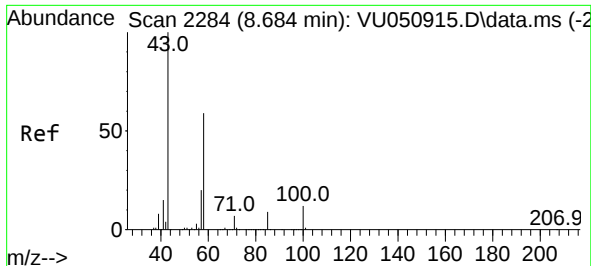
Tgt Ion:	97	Resp:	191220
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.8	81.4
83	90.6	62.6	116.3
85	58.4	39.6	73.6



#46
Tetrachloroethene
Concen: 48.862 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

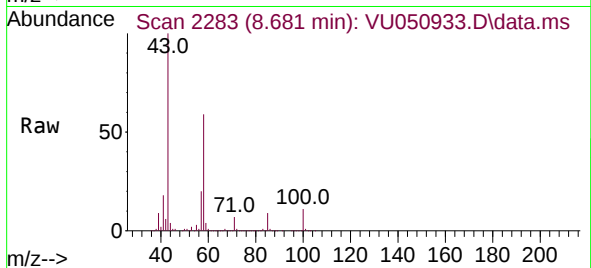
Tgt Ion:	164	Resp:	124767
Ion	Ratio	Lower	Upper
164	100		
129	100.7	68.5	127.3
131	96.7	66.1	122.7
166	127.6	88.8	164.8



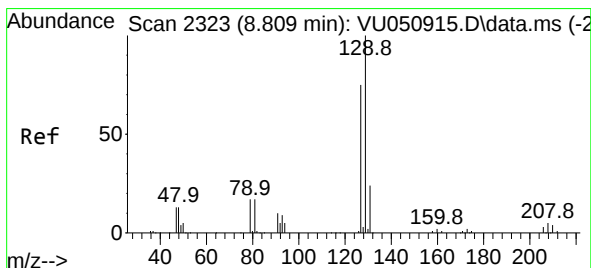
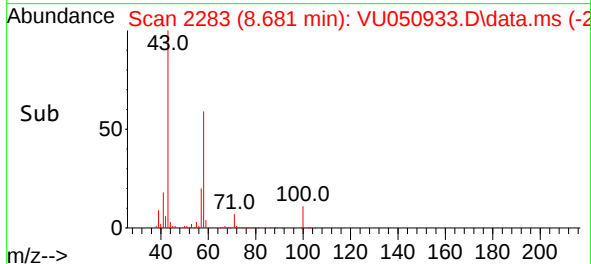
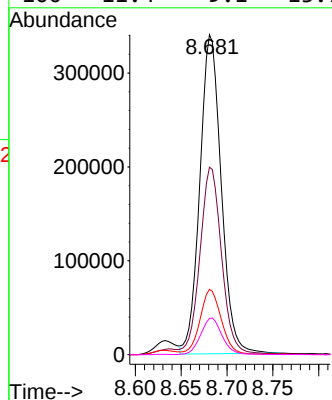


#48
2-Hexanone
Concen: 114.322 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Instrument :
MSVOA_U
ClientSampleId :

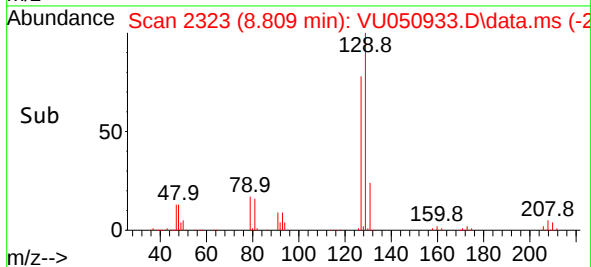
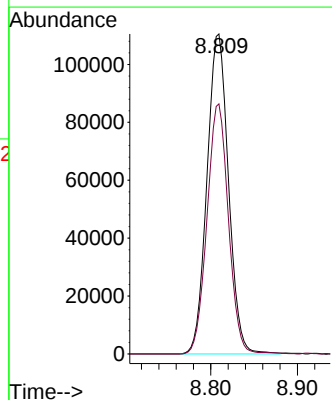
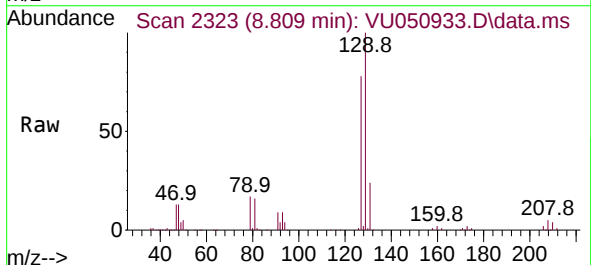


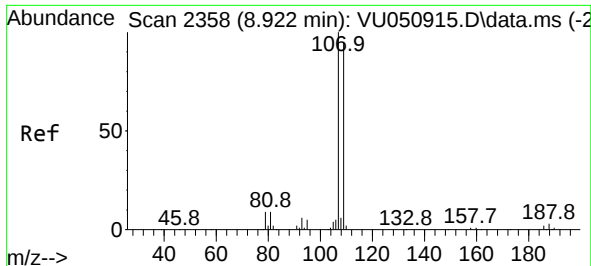
Tgt Ion: 43 Resp: 551071
Ion Ratio Lower Upper
43 100
58 59.6 47.2 70.8
57 20.4 16.2 24.4
100 11.4 9.1 13.7



#49
Dibromochloromethane
Concen: 50.432 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 129 Resp: 190751
Ion Ratio Lower Upper
129 100
127 78.2 54.5 101.1





#50

1,2-Dibromoethane

Concen: 50.895 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

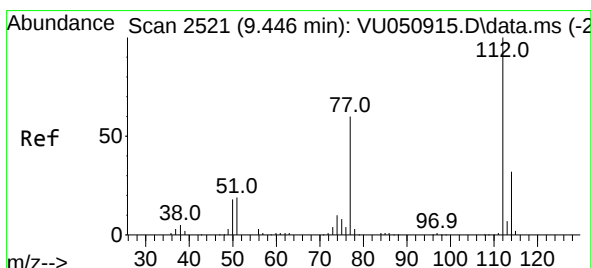
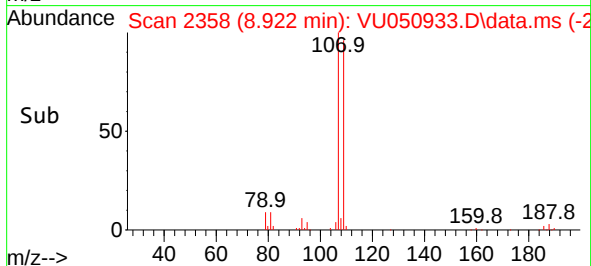
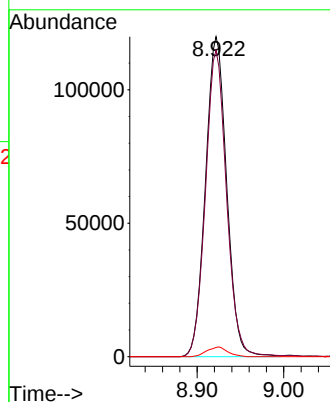
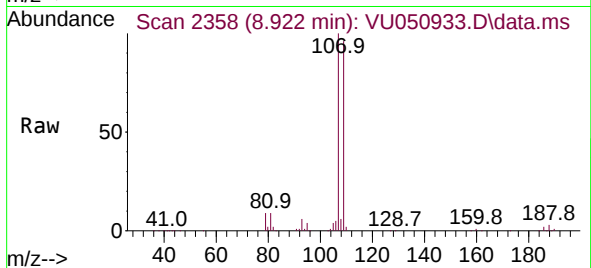
Tgt Ion:107 Resp: 203695

Ion Ratio Lower Upper

107 100

109 95.7 66.0 122.6

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 48.604 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

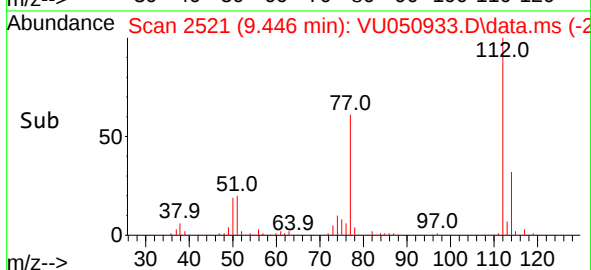
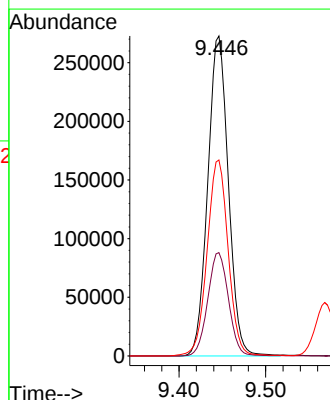
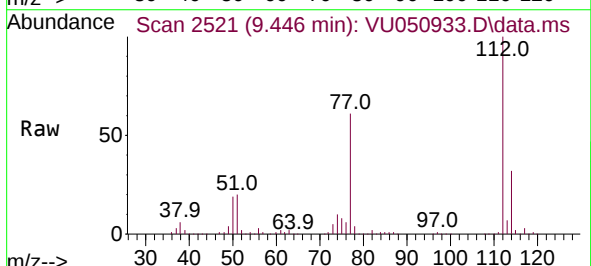
Tgt Ion:112 Resp: 450599

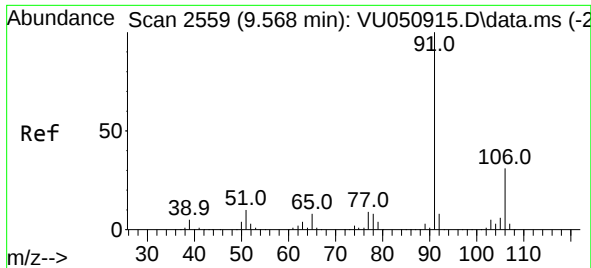
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 61.2 49.8 74.8

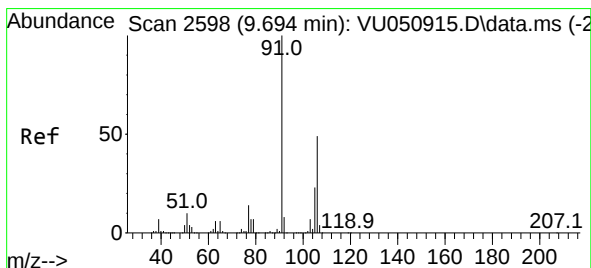
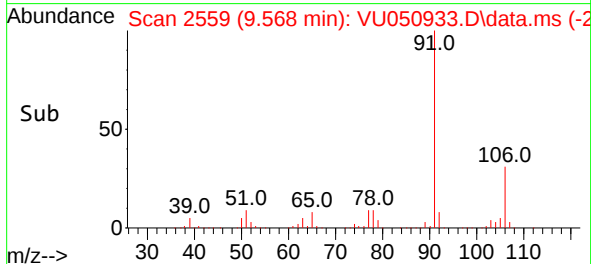
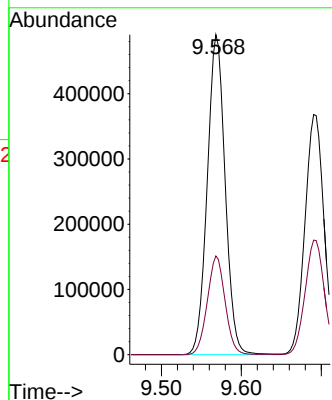
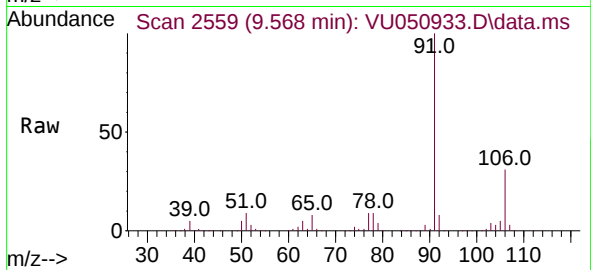




#52
Ethylbenzene
Concen: 50.482 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

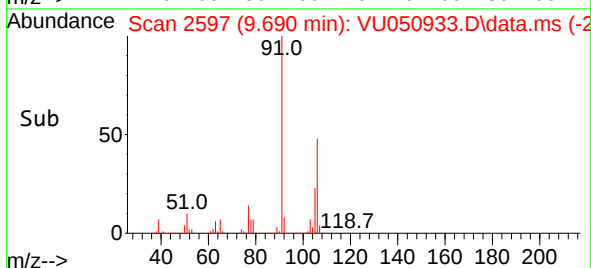
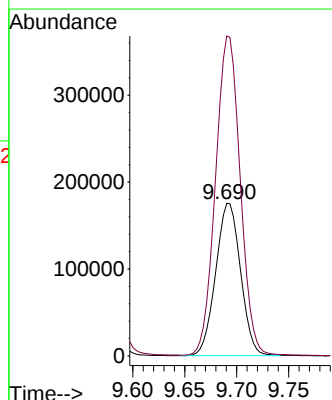
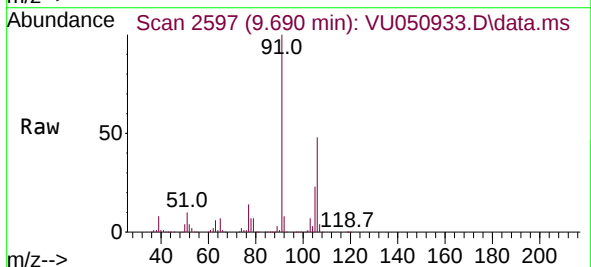
Instrument :
MSVOA_U
ClientSampleId :

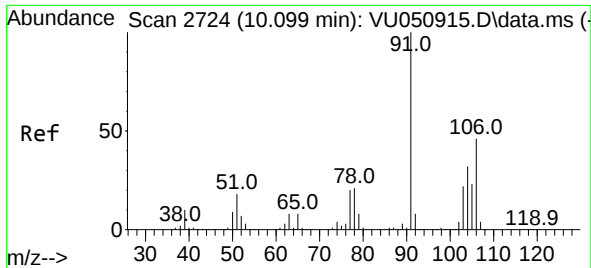
Tgt Ion: 91 Resp: 764769
Ion Ratio Lower Upper
91 100
106 30.9 21.0 39.0



#53
m,p-Xylene
Concen: 51.774 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 106 Resp: 291600
Ion Ratio Lower Upper
106 100
91 209.7 144.0 267.4

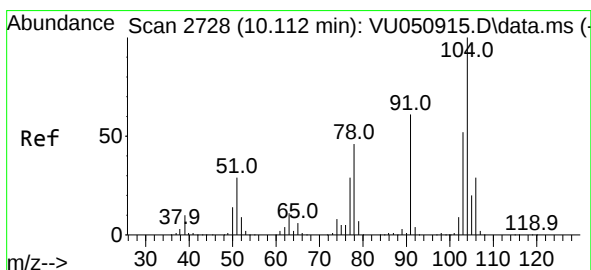
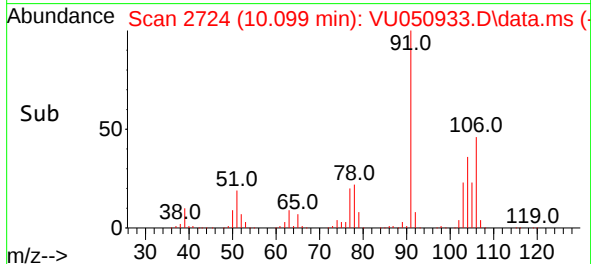
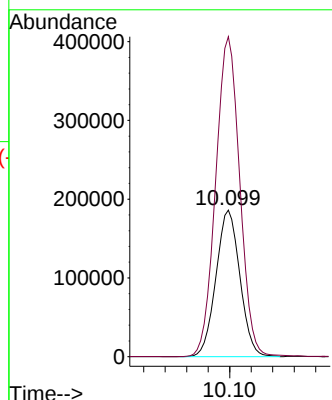
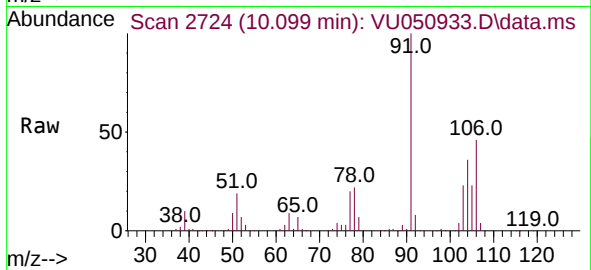




#54
o-Xylene
Concen: 51.292 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

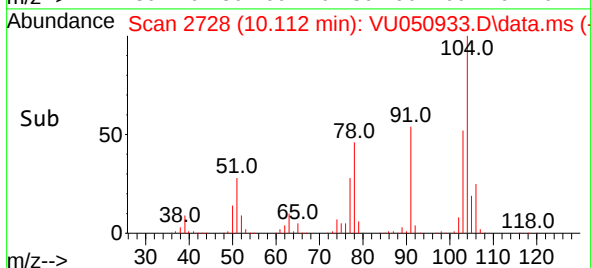
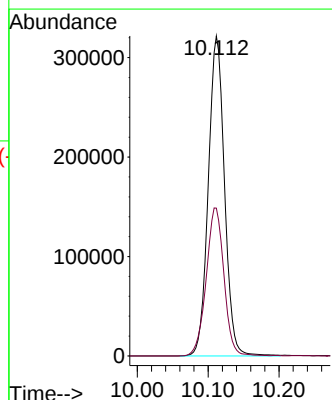
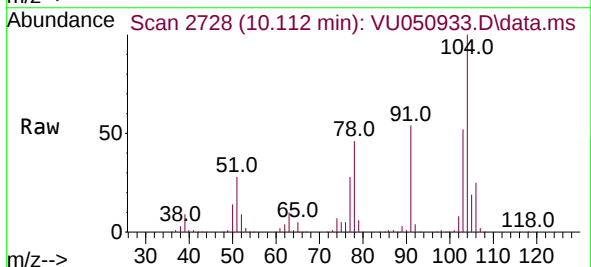
Instrument :
MSVOA_U
ClientSampleId :

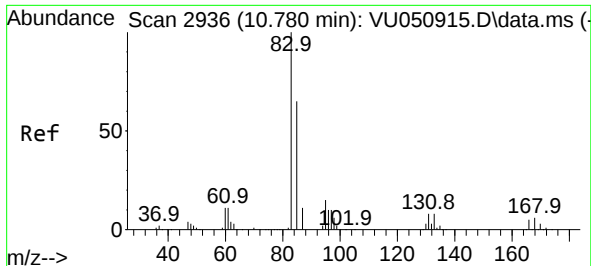
Tgt Ion:106 Resp: 287842
Ion Ratio Lower Upper
106 100
91 218.3 154.6 287.0



#55
Styrene
Concen: 53.133 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion:104 Resp: 511218
Ion Ratio Lower Upper
104 100
78 46.2 32.4 60.2

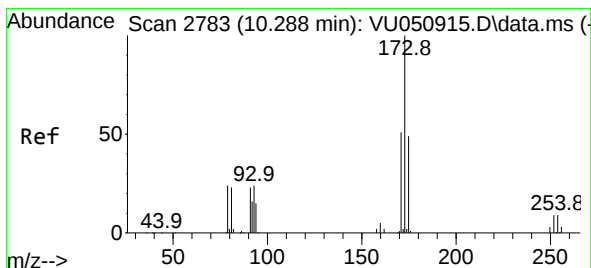
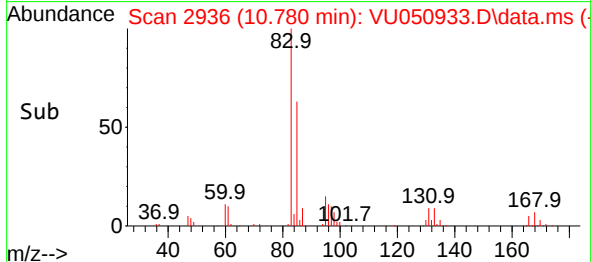
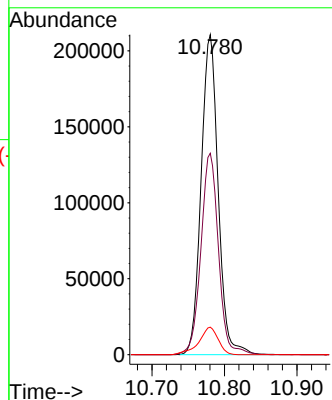
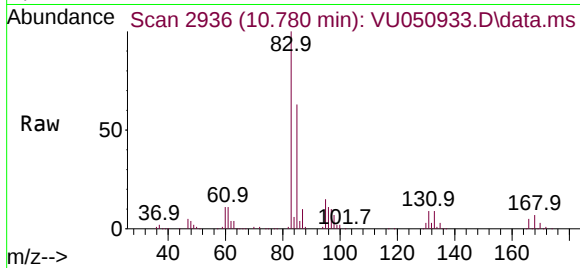




#57
1,1,2,2-Tetrachloroethane
Concen: 48.139 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

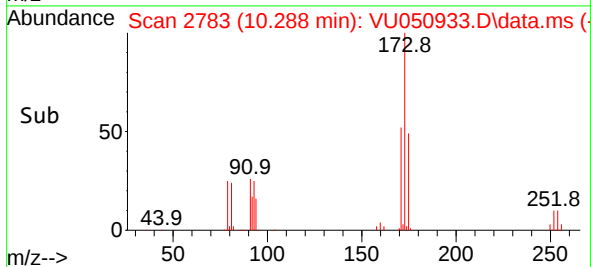
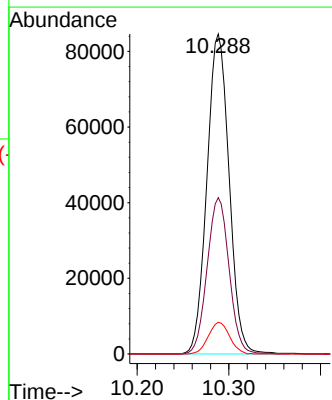
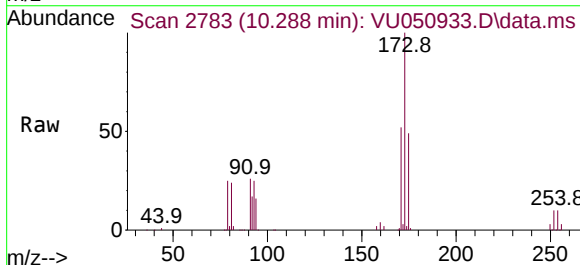
Instrument :
MSVOA_U
ClientSampleId :

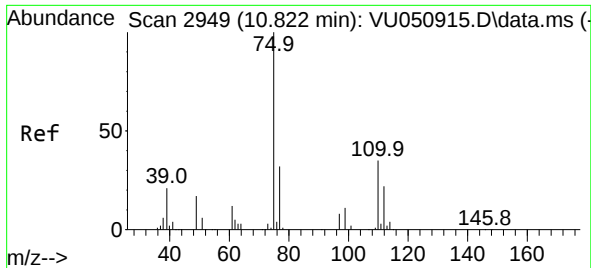
Tgt Ion: 83 Resp: 343603
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9
131 8.6 7.1 10.7



#59
Bromoform
Concen: 47.547 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion:173 Resp: 142249
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.8
254 9.4 7.1 10.7

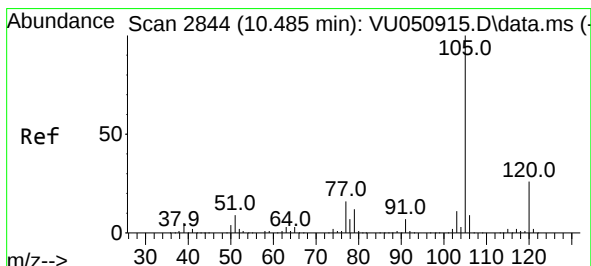
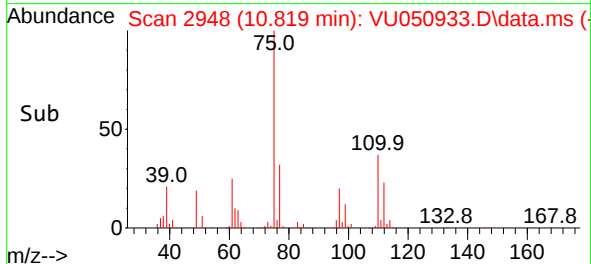
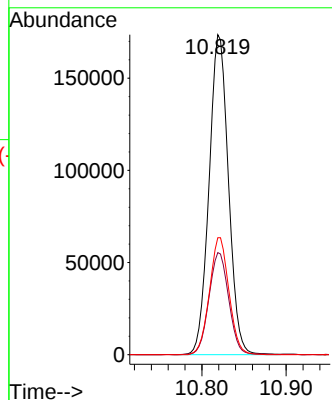
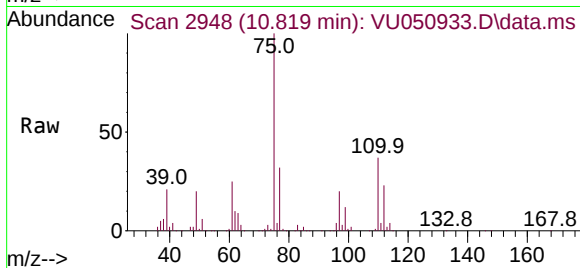




#60
1,2,3-Trichloropropane
Concen: 47.597 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

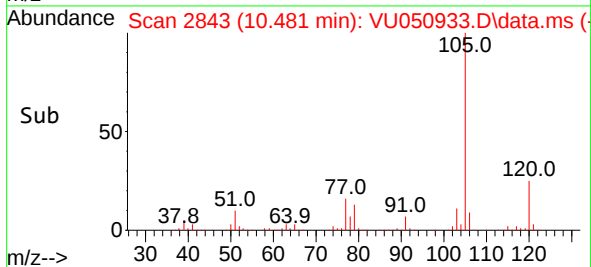
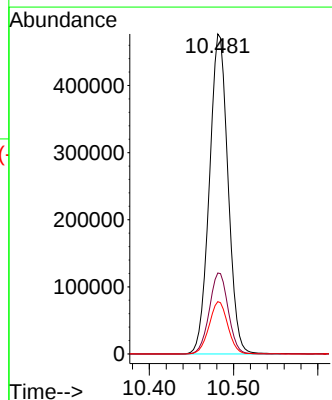
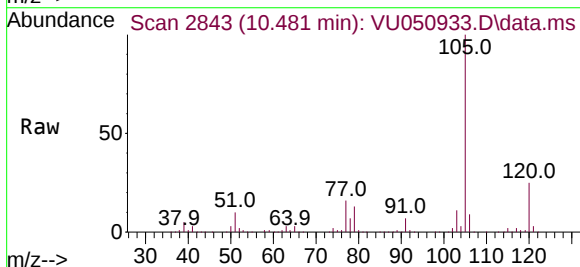
Instrument :
MSVOA_U
ClientSampleId :

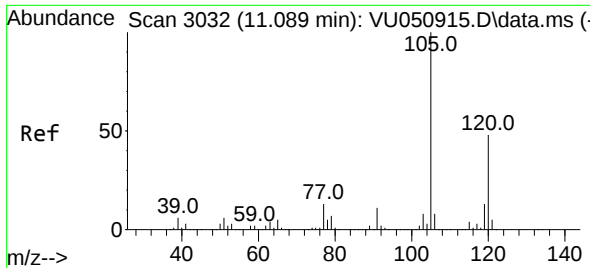
Tgt Ion: 75 Resp: 277504
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 36.7 28.6 43.0



#61
Isopropylbenzene
Concen: 49.310 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion: 105 Resp: 730425
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.4 12.9 19.3

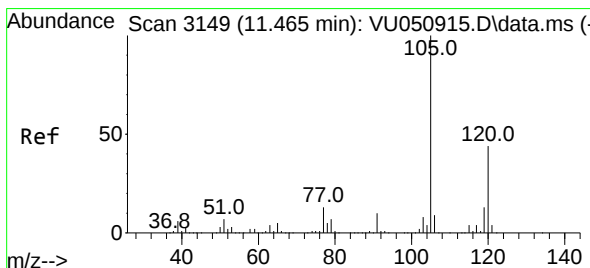
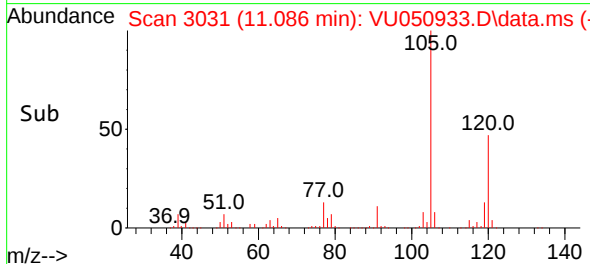
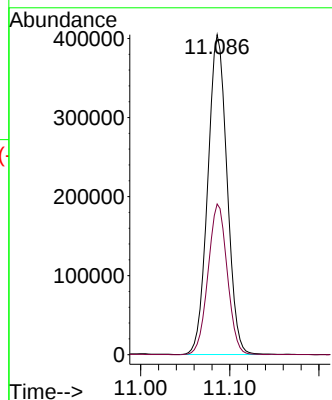
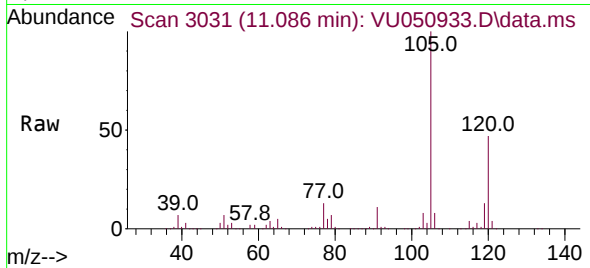




#62
 1,3,5-Trimethylbenzene
 Concen: 49.739 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

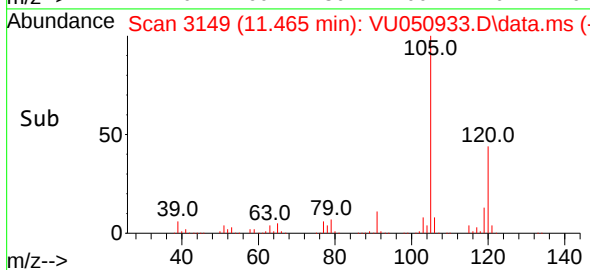
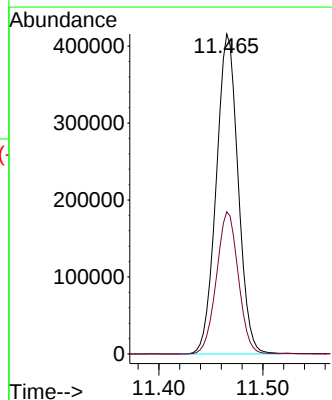
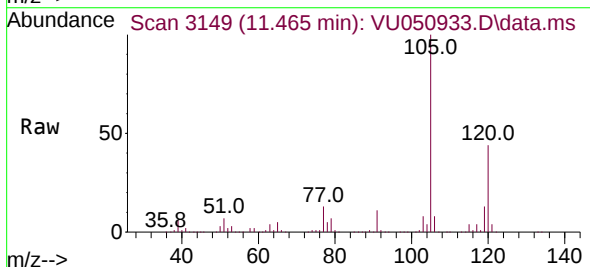
Instrument :
 MSVOA_U
 ClientSampleId :

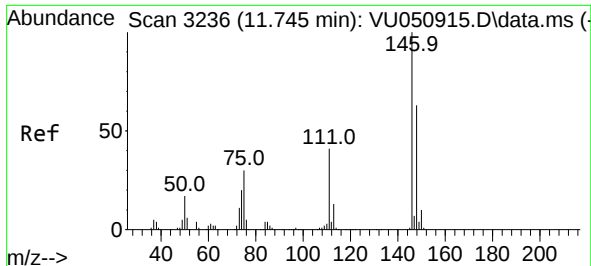
Tgt Ion:105 Resp: 605681
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 50.458 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

Tgt Ion:105 Resp: 608484
 Ion Ratio Lower Upper
 105 100
 120 44.5 34.9 52.3

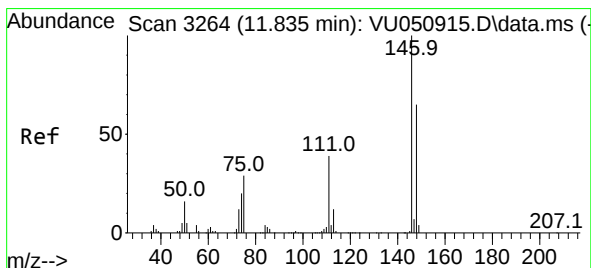
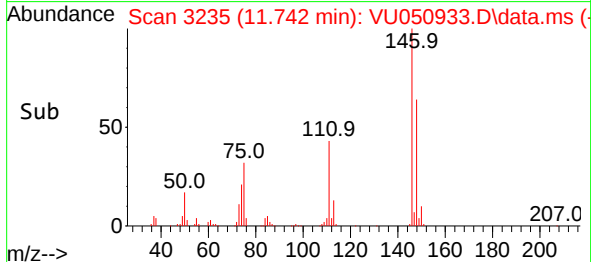
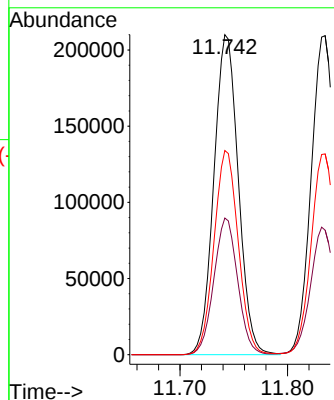
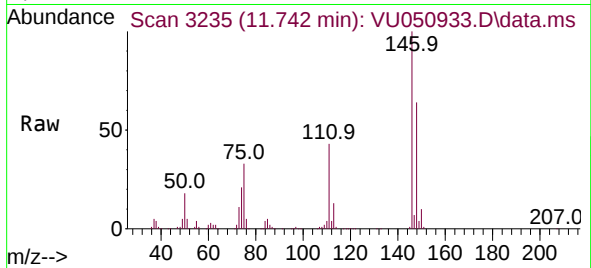




#64
1,3-Dichlorobenzene
Concen: 48.997 ug/L
RT: 11.742 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

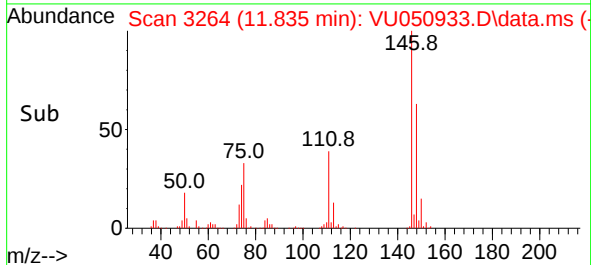
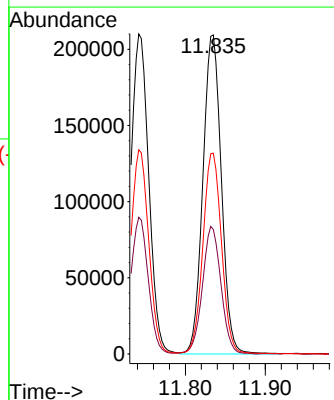
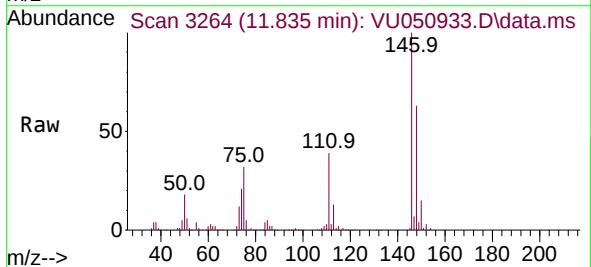
Instrument :
MSVOA_U
ClientSampleId :

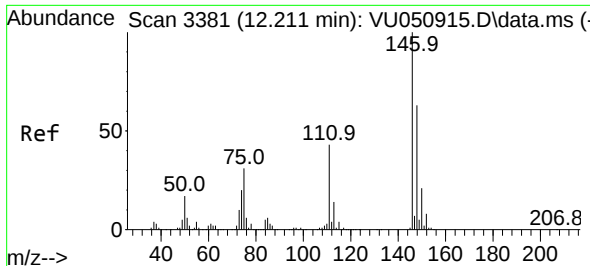
Tgt Ion:146 Resp: 331901
Ion Ratio Lower Upper
146 100
111 42.7 27.9 51.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.062 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

Tgt Ion:146 Resp: 337403
Ion Ratio Lower Upper
146 100
111 39.0 27.5 51.1
148 63.0 45.4 84.2

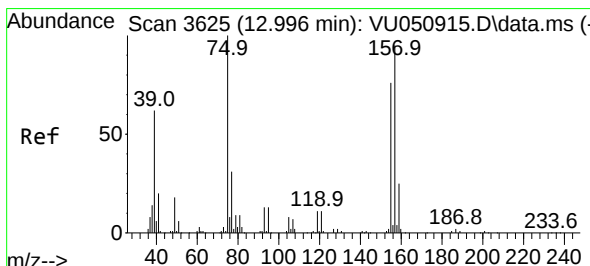
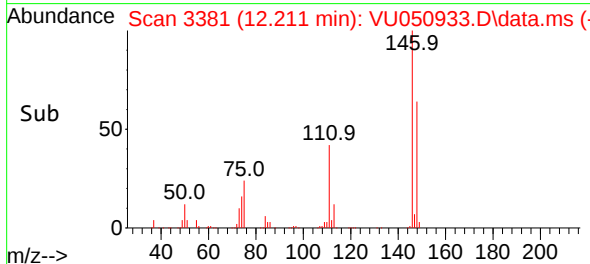
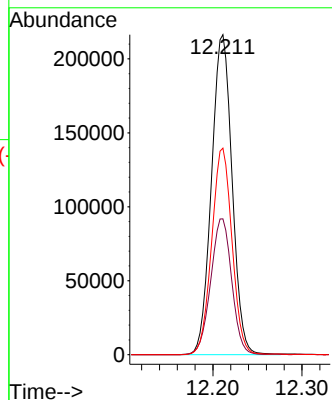
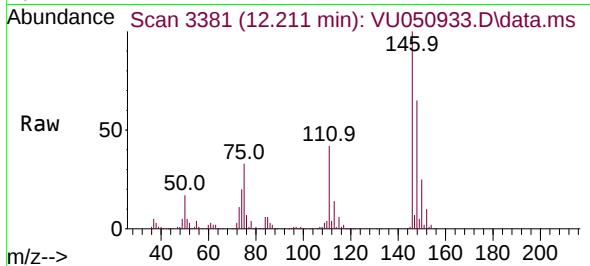




#67
1,2-Dichlorobenzene
Concen: 48.465 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

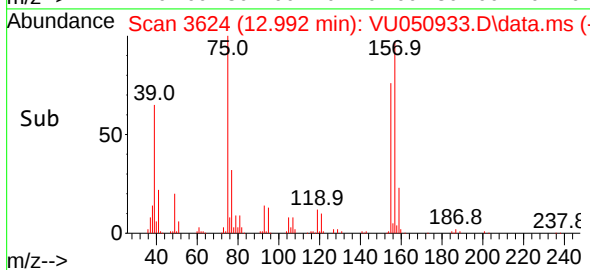
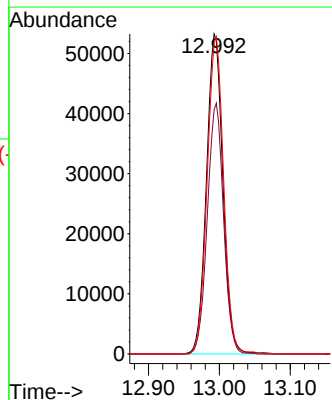
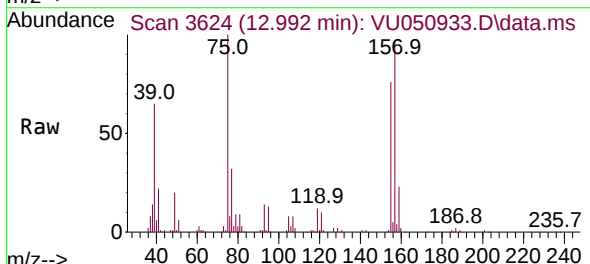
Instrument :
MSVOA_U
ClientSampleId :

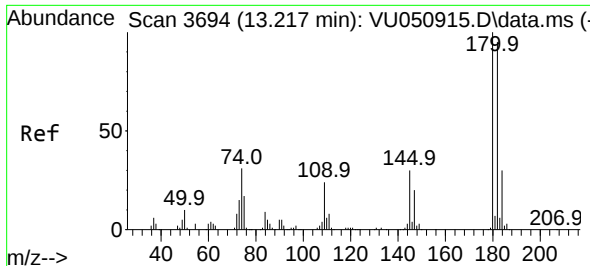
Tgt Ion:146 Resp: 347616
Ion Ratio Lower Upper
146 100
111 42.4 35.2 52.8
148 64.6 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 53.579 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050933.D
Acq: 23 Sep 2022 20:39

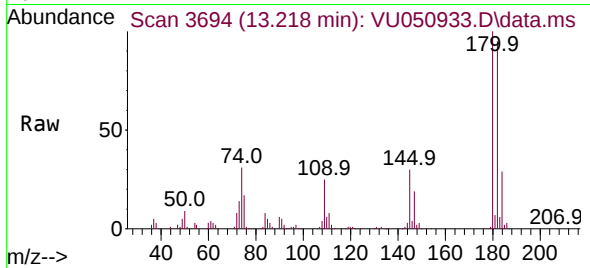
Tgt Ion: 75 Resp: 85916
Ion Ratio Lower Upper
75 100
155 76.3 63.8 95.8
157 101.4 81.8 122.8



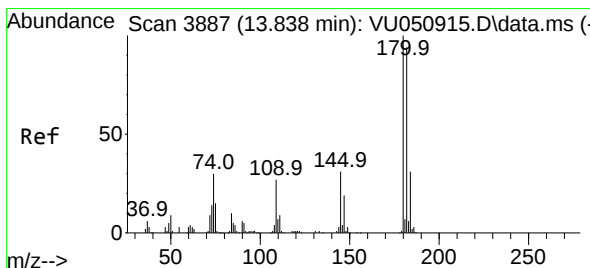
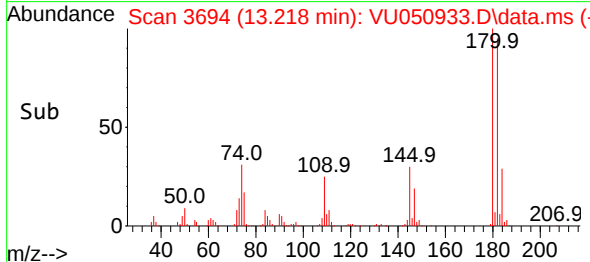
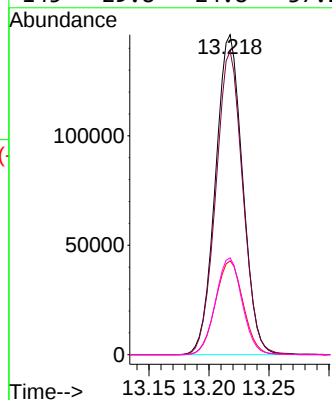


#69
 1,3,5-Trichlorobenzene
 Concen: 48.497 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

Instrument :
 MSVOA_U
 ClientSampleId :

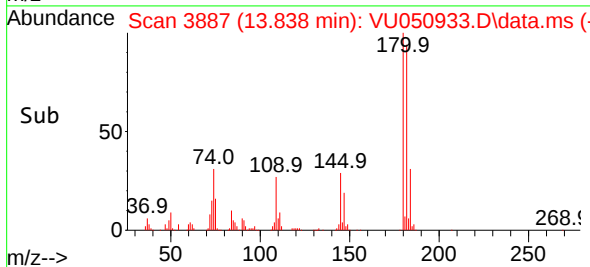
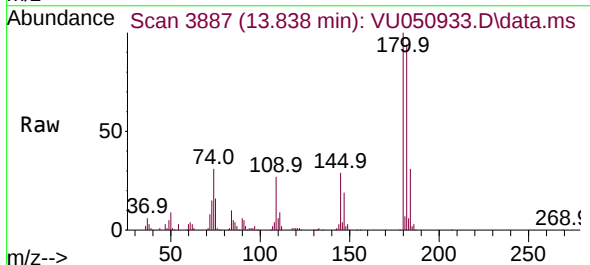
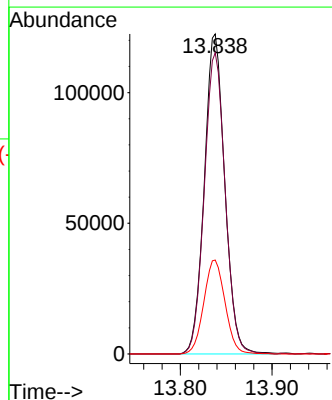


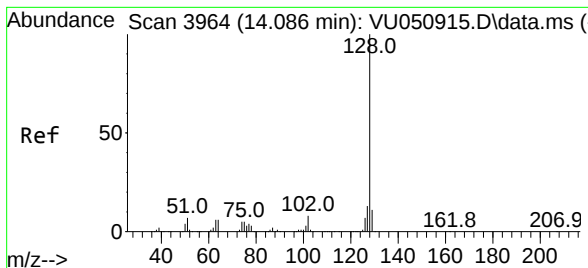
Tgt Ion:180 Resp: 229851
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.2 117.2
 184 29.9 24.8 37.2
 145 29.8 24.8 37.2



#70
 1,2,4-trichlorobenzene
 Concen: 48.993 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050933.D
 Acq: 23 Sep 2022 20:39

Tgt Ion:180 Resp: 190022
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.2
 145 30.4 25.1 37.7





#71

Naphthalene

Concen: 51.315 ug/L

RT: 14.082 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

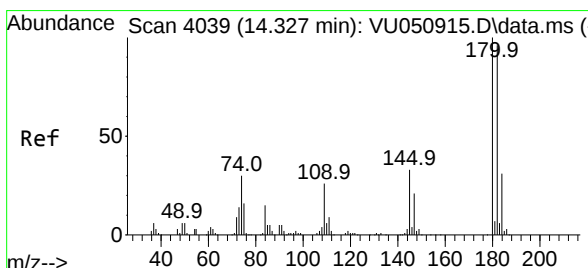
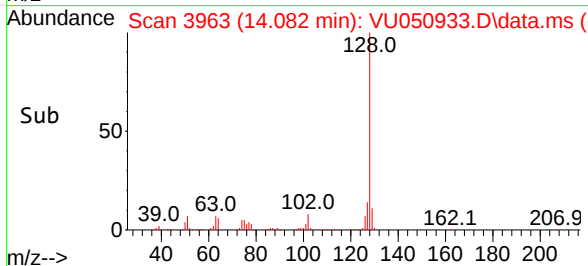
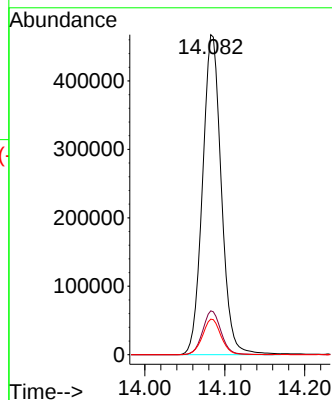
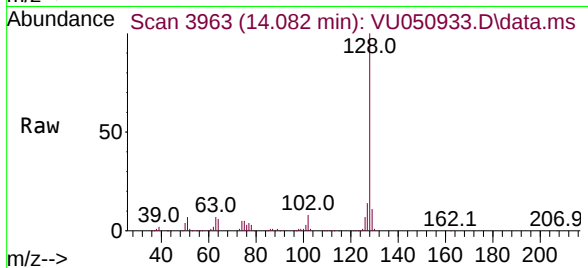
Tgt Ion:128 Resp: 764920

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 50.561 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU050933.D

Acq: 23 Sep 2022 20:39

Tgt Ion:180 Resp: 219478

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 31.9 26.3 39.5

