

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050981.D
 Acq On : 29 Sep 2022 15:40
 Operator : JC/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	343310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	370413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	199321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	166020	47.287	ug/L	0.00
7) Chloroethane-d5	1.900	69	139730	54.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	243012	44.868	ug/L	0.00
21) 2-Butanone-d5	4.616	46	215199	95.158	ug/L	0.00
24) Chloroform-d	5.060	84	266201	48.250	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	164692	48.412	ug/L	0.00
32) Benzene-d6	5.726	84	541084	45.656	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	172593	43.328	ug/L	0.00
41) Toluene-d8	7.896	98	504023	48.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	82062	46.749	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	144778	89.132	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	303855	48.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	212450	50.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	134050	39.462	ug/L	100
3) Chloromethane	1.517	50	157573	39.795	ug/L	100
5) Vinyl chloride	1.604	62	166775	42.447	ug/L	100
6) Bromomethane	1.838	94	139916	64.249	ug/L	100
8) Chloroethane	1.922	64	109535	49.138	ug/L	100
9) Trichlorofluoromethane	2.131	101	223420	50.528	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	121894	44.232	ug/L	100
12) 1,1-Dichloroethene	2.575	96	113705	44.076	ug/L	100
13) Acetone	2.623	43	153783	81.677	ug/L	100
14) Carbon disulfide	2.787	76	335331	41.538	ug/L	100
15) Methyl Acetate	2.944	43	153150	43.056	ug/L	100
16) Methylene chloride	3.041	84	150120	41.644	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	119990	45.251	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	376943	46.461	ug/L	100
19) 1,1-Dichloroethane	3.864	63	235619	44.220	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	138090	46.825	ug/L	100
22) 2-Butanone	4.697	43	235095	94.346	ug/L	100
23) Bromochloromethane	4.973	128	75270	48.077	ug/L	100
25) Chloroform	5.086	83	255274	47.335	ug/L	100
27) 1,2-Dichloroethane	5.790	62	194993	47.667	ug/L	100
29) Cyclohexane	5.385	56	176355	37.036	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	206499	43.176	ug/L	100
31) Carbon tetrachloride	5.523	117	169819	42.827	ug/L	100
33) Benzene	5.771	78	559668	42.766	ug/L	100
34) Trichloroethene	6.539	95	138981	44.865	ug/L	100
35) Methylcyclohexane	6.761	83	194369	40.162	ug/L	100
37) 1,2-Dichloropropane	6.787	63	148157	41.404	ug/L	100
38) Bromodichloromethane	7.105	83	192145	44.271	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	207601	43.162	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	437352	88.864	ug/L	100
42) Toluene	7.967	91	599113	45.772	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	210803	45.776	ug/L	100

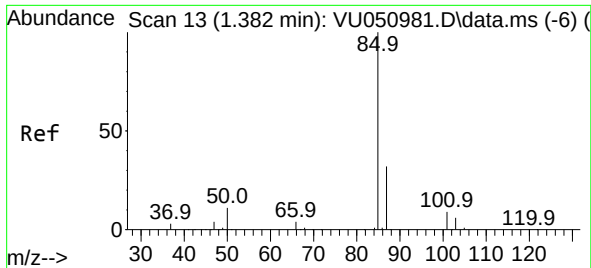
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	155881	46.196	ug/L	100
46) Tetrachloroethene	8.552	164	103411	46.210	ug/L	100
48) 2-Hexanone	8.684	43	401941	96.053	ug/L	100
49) Dibromochloromethane	8.809	129	162408	48.540	ug/L	100
50) 1,2-Dibromoethane	8.922	107	166362	47.369	ug/L	100
51) Chlorobenzene	9.446	112	382690	46.954	ug/L	100
52) Ethylbenzene	9.568	91	650579	48.818	ug/L	100
53) m,p-Xylene	9.690	106	243872	49.574	ug/L	100
54) o-Xylene	10.099	106	242090	49.225	ug/L	100
55) Styrene	10.111	104	432952	51.243	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	288582	46.157	ug/L	100
59) Bromoform	10.288	173	129387	45.538	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	238395	43.466	ug/L	100
61) Isopropylbenzene	10.481	105	635965	45.919	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	560946	48.788	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	531663	47.223	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	296079	46.277	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	308034	46.911	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	342440	49.417	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	72094	47.105	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	211305	46.441	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	170940	46.135	ug/L	100
71) Naphthalene	14.086	128	621883	44.347	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	195630	47.099	ug/L	100

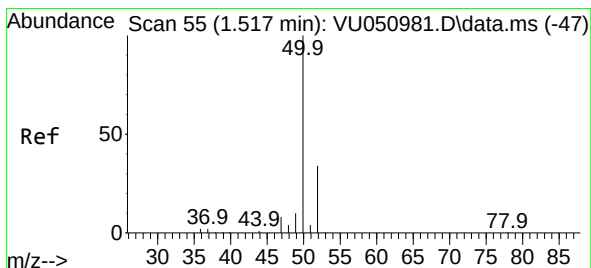
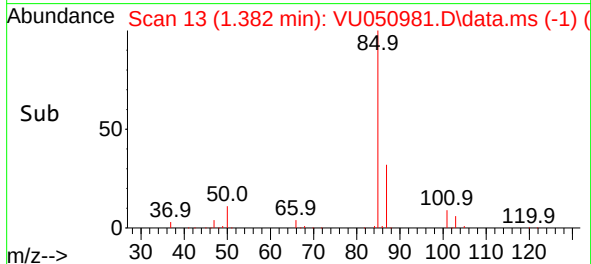
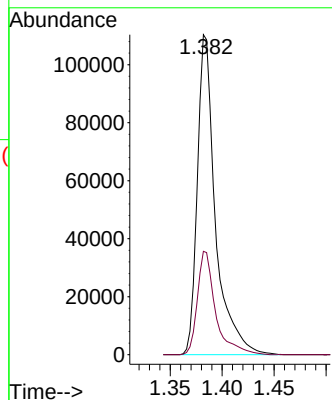
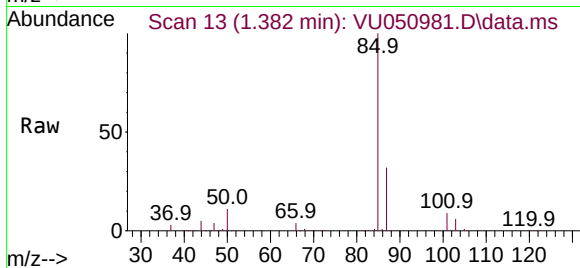
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#2
Dichlorodifluoromethane
Concen: 39.462 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

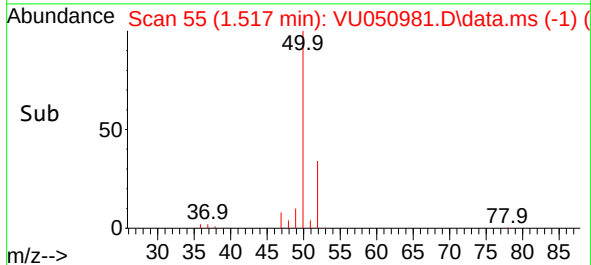
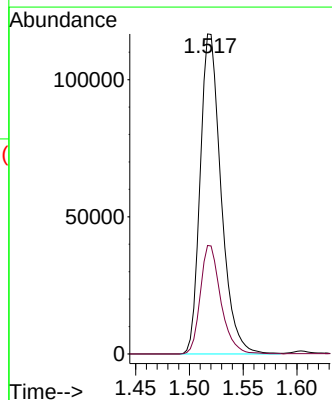
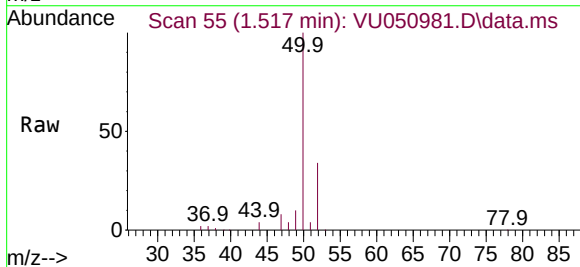
Instrument :
MSVOA_U
ClientSampleId :

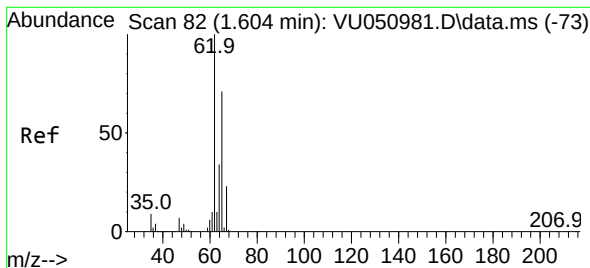
Tgt Ion: 85 Resp: 134050
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 39.795 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 50 Resp: 157573
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1





#5

Vinyl chloride

Concen: 42.447 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

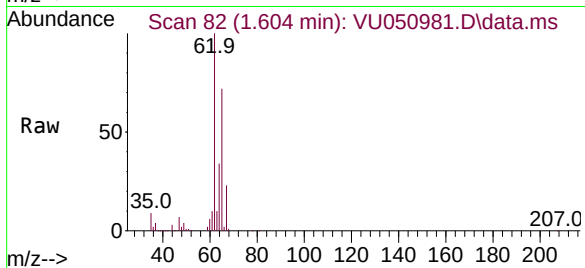
Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

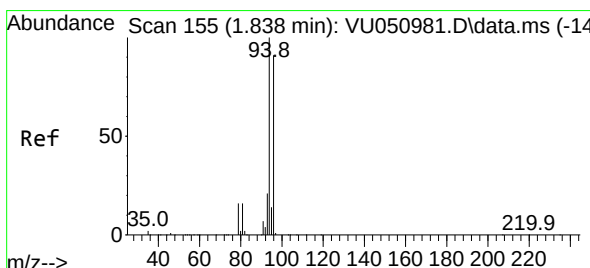
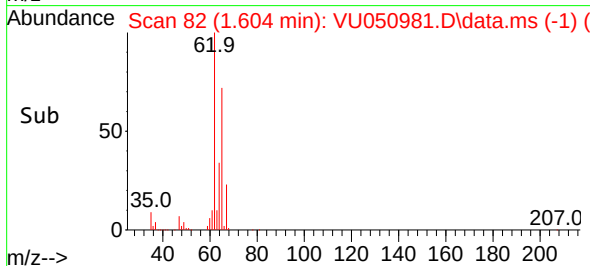
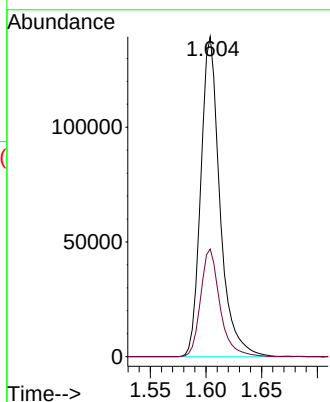


Tgt Ion: 62 Resp: 166775

Ion Ratio Lower Upper

62 100

64 33.6 23.5 43.7



#6

Bromomethane

Concen: 64.249 ug/L

RT: 1.838 min Scan# 155

Delta R.T. 0.000 min

Lab File: VU050981.D

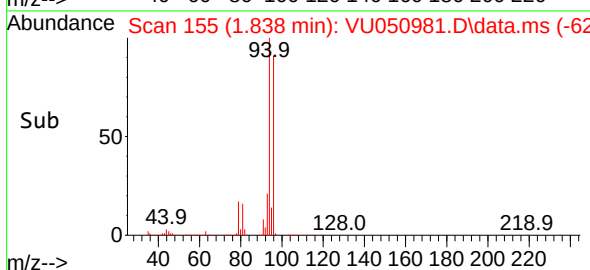
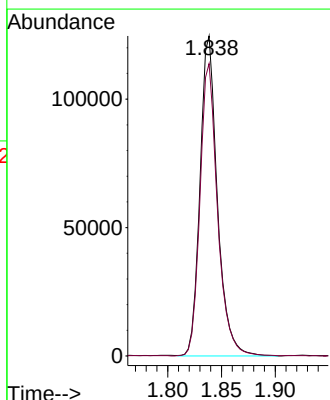
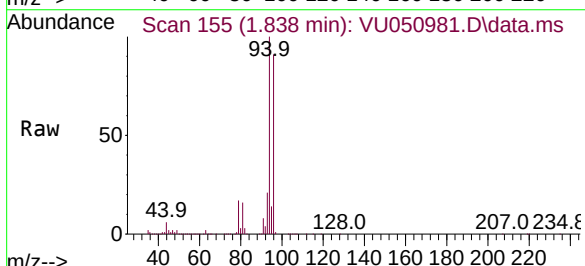
Acq: 29 Sep 2022 15:40

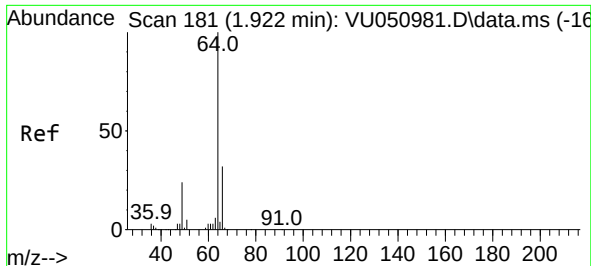
Tgt Ion: 94 Resp: 139916

Ion Ratio Lower Upper

94 100

96 91.3 63.9 118.7





#8

Chloroethane

Concen: 49.138 ug/L

RT: 1.922 min Scan# 181

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

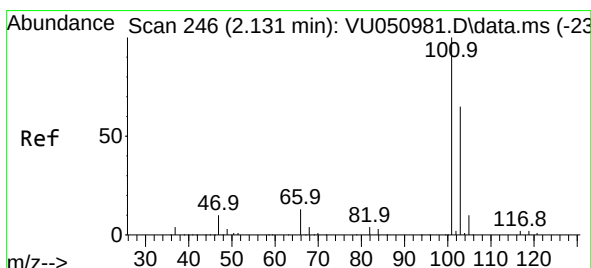
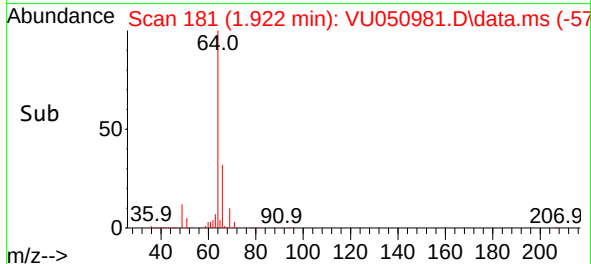
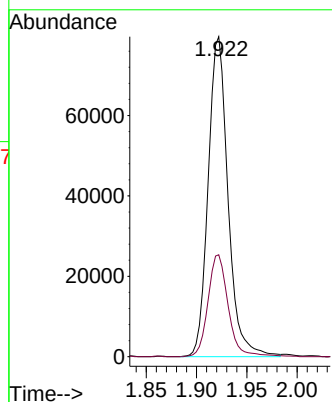
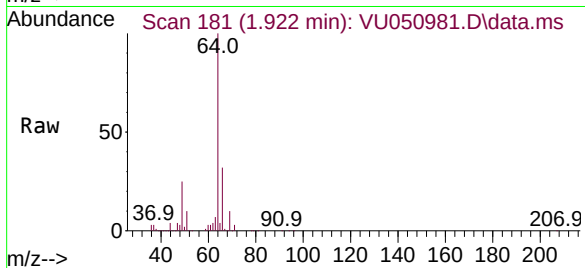
ClientSampleId :

Tgt Ion: 64 Resp: 109535

Ion Ratio Lower Upper

64 100

66 31.8 22.3 41.3



#9

Trichlorofluoromethane

Concen: 50.528 ug/L

RT: 2.131 min Scan# 246

Delta R.T. 0.000 min

Lab File: VU050981.D

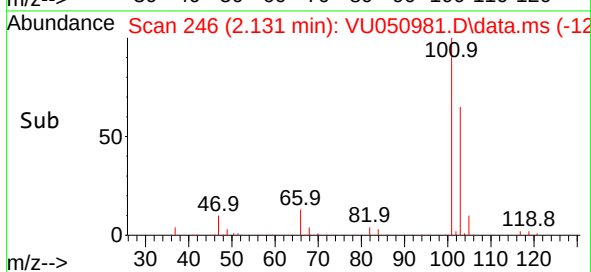
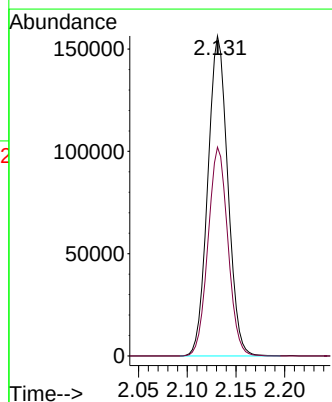
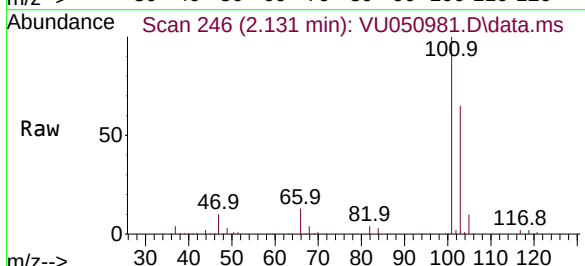
Acq: 29 Sep 2022 15:40

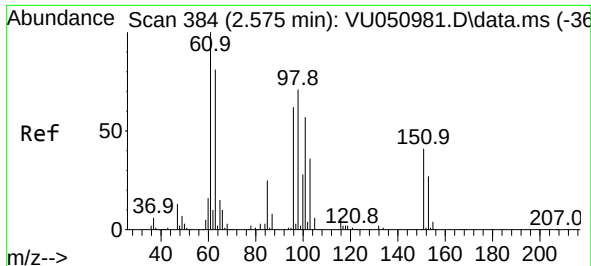
Tgt Ion:101 Resp: 223420

Ion Ratio Lower Upper

101 100

103 64.7 51.8 77.6

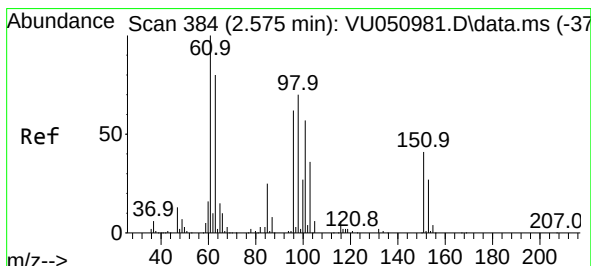
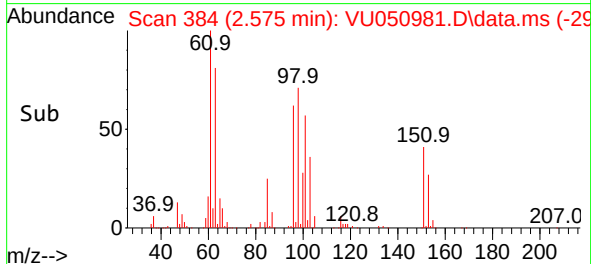
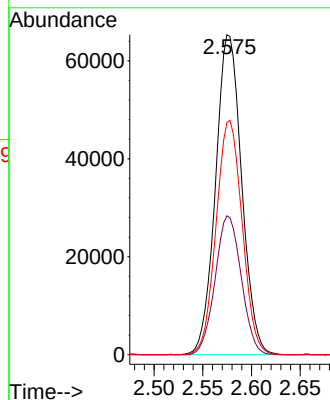
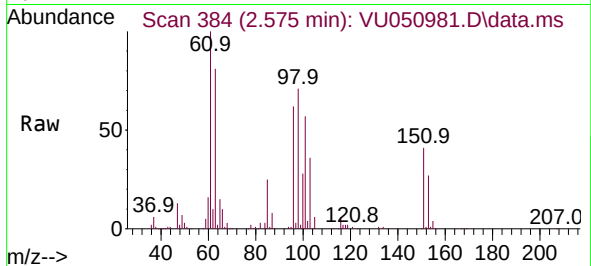




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.232 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

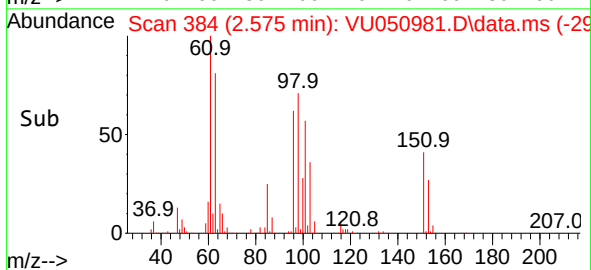
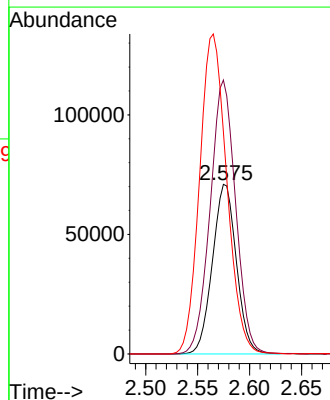
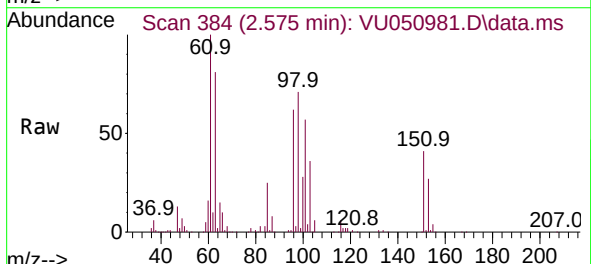
Instrument :
MSVOA_U
ClientSampleId :

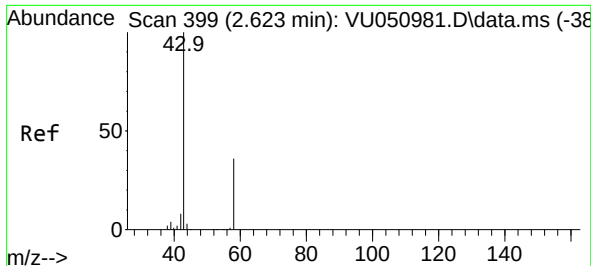
Tgt Ion:101 Resp: 121894
Ion Ratio Lower Upper
101 100
85 43.3 34.6 52.0
151 73.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 44.076 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 96 Resp: 113705
Ion Ratio Lower Upper
96 100
61 161.5 113.0 209.9
63 131.0 91.7 170.3





#13

Acetone

Concen: 81.677 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

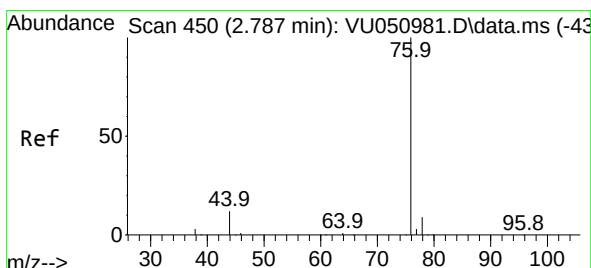
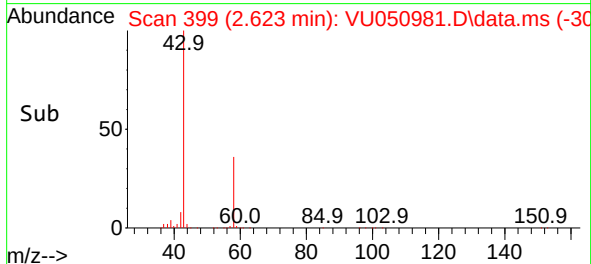
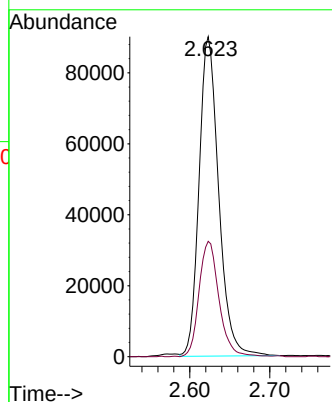
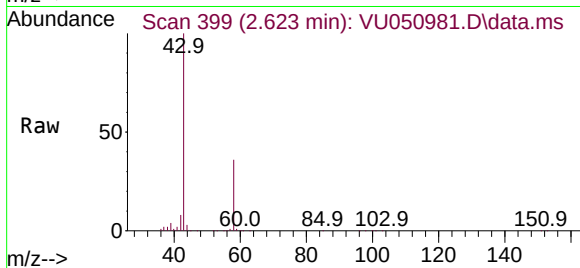
ClientSampleId :

Tgt Ion: 43 Resp: 153783

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.6



#14

Carbon disulfide

Concen: 41.538 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050981.D

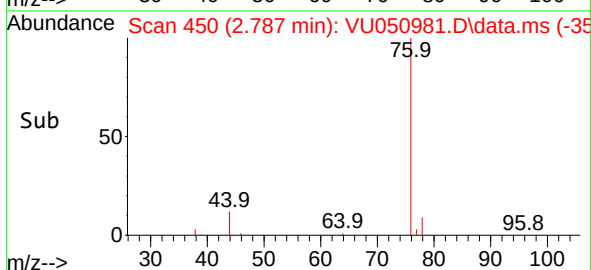
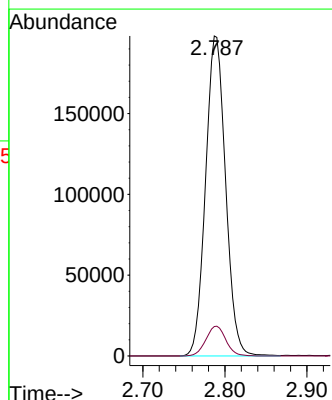
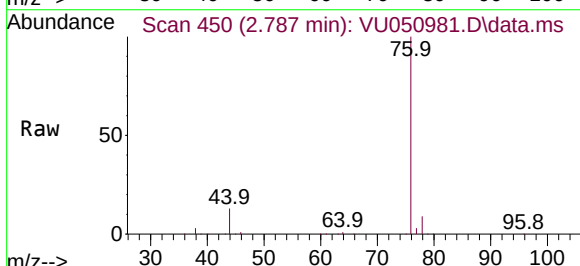
Acq: 29 Sep 2022 15:40

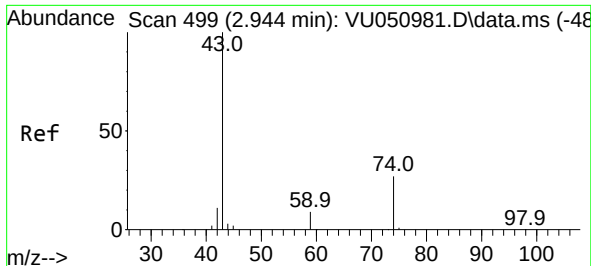
Tgt Ion: 76 Resp: 335331

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

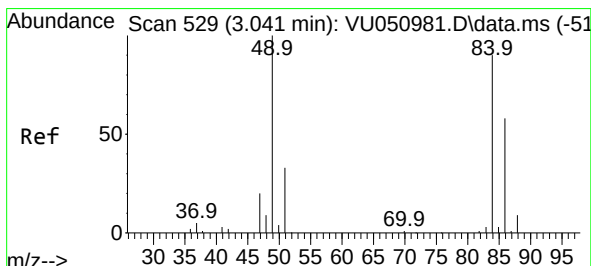
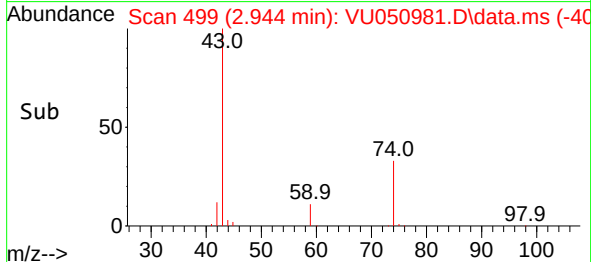
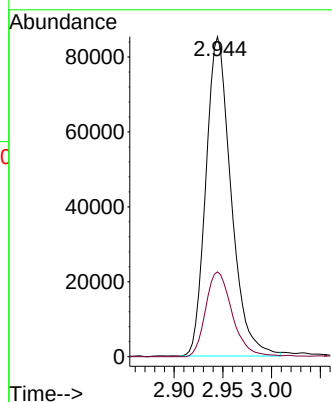
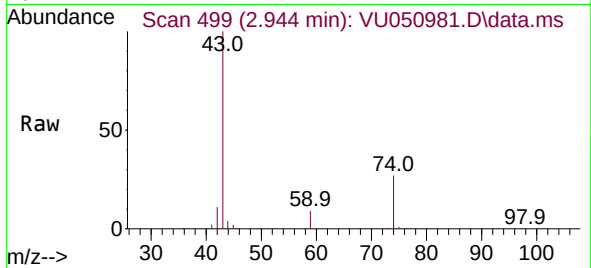




#15
Methyl Acetate
Concen: 43.056 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

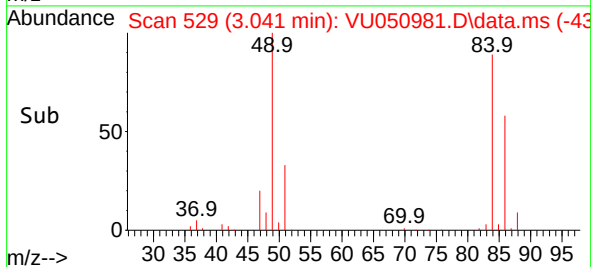
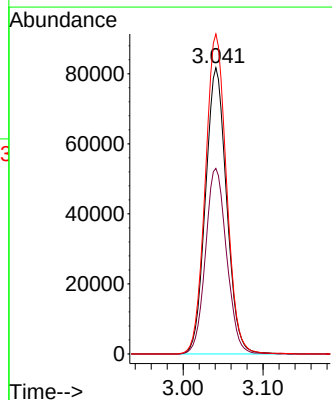
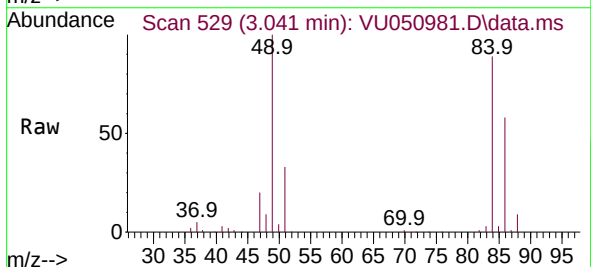
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MSVOA_U
ClientSampleId :

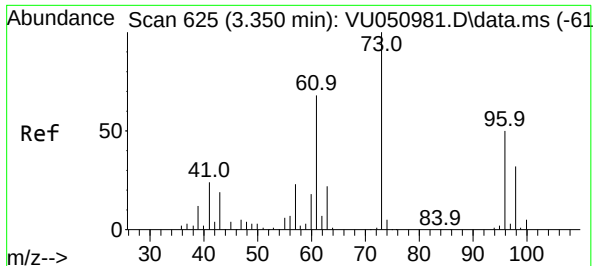
Tgt Ion: 43 Resp: 153150
Ion Ratio Lower Upper
43 100
74 28.0 22.4 33.6



#16
Methylene chloride
Concen: 41.644 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 84 Resp: 150120
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 111.8 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 45.251 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

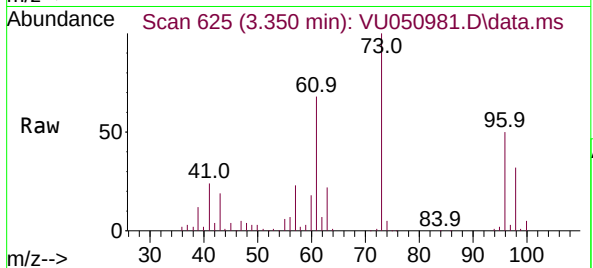
Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :



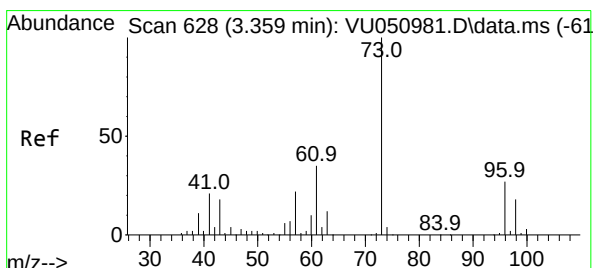
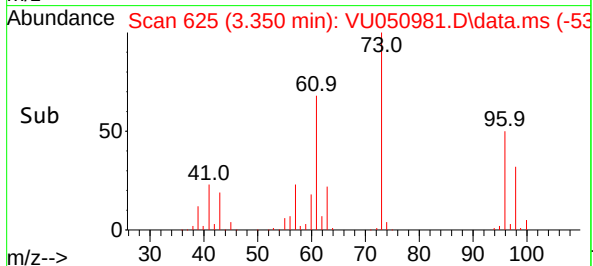
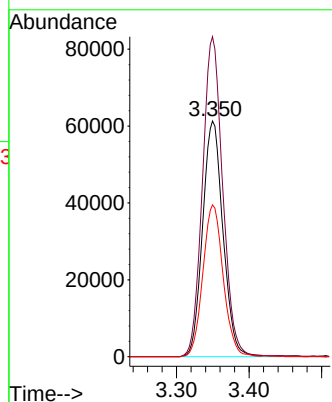
Tgt Ion: 96 Resp: 119990

Ion Ratio Lower Upper

96 100

61 135.8 95.1 176.5

98 64.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 46.461 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

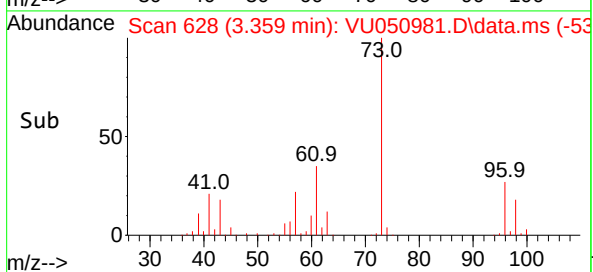
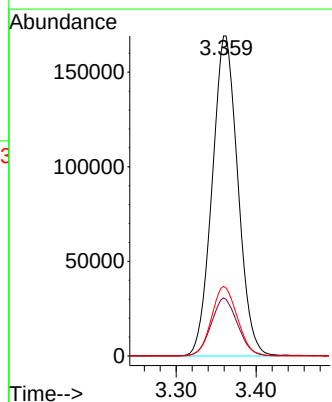
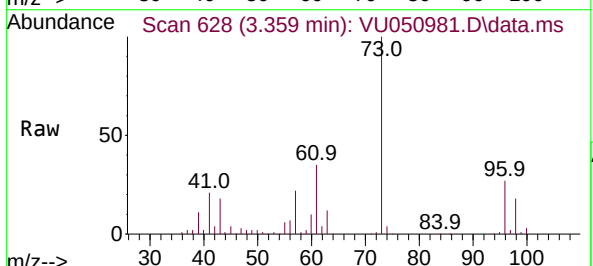
Tgt Ion: 73 Resp: 376943

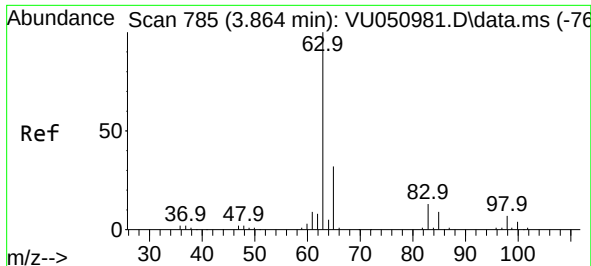
Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 44.220 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.000 min

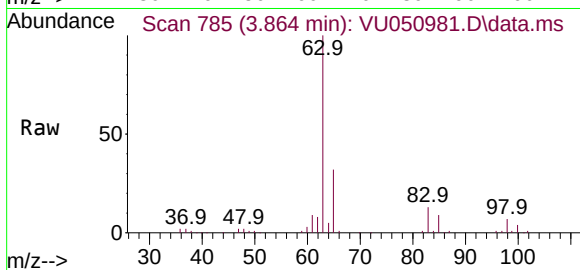
Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :



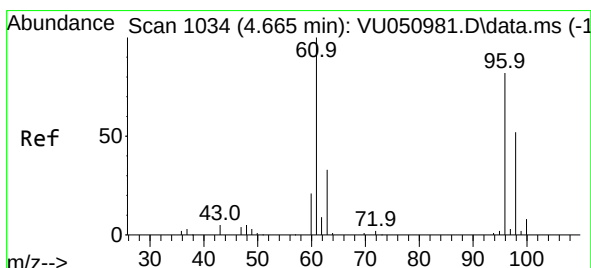
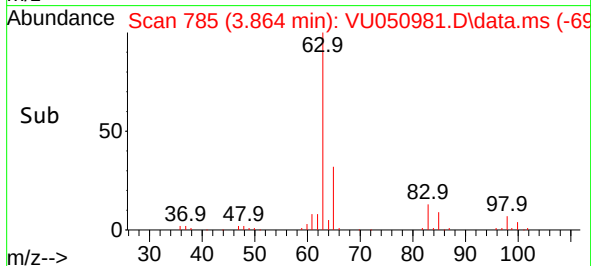
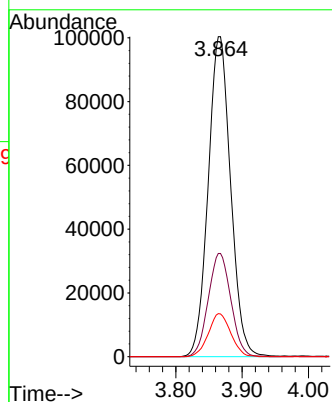
Tgt Ion: 63 Resp: 235619

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 46.825 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

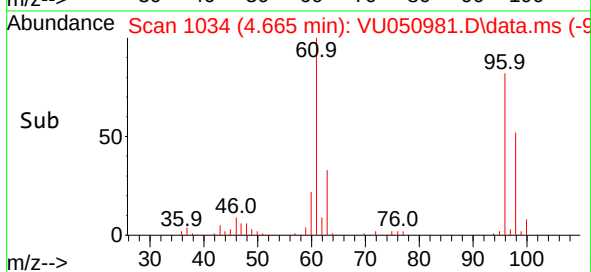
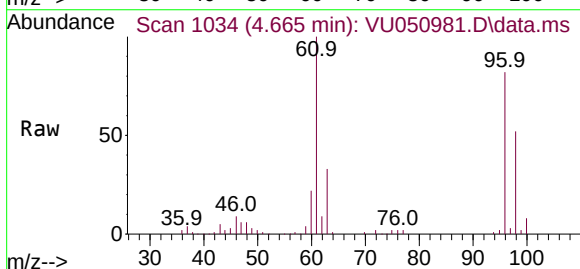
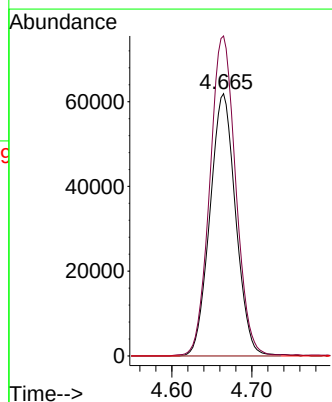
Tgt Ion: 96 Resp: 138090

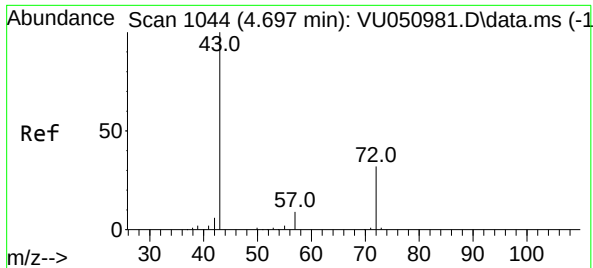
Ion Ratio Lower Upper

96 100

61 122.0 85.4 158.6

68 0.0 0.0 0.0

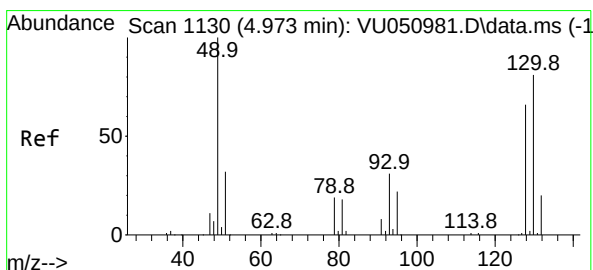
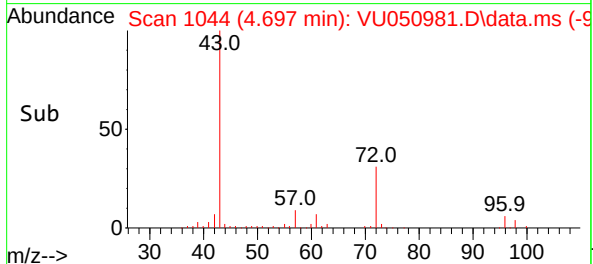
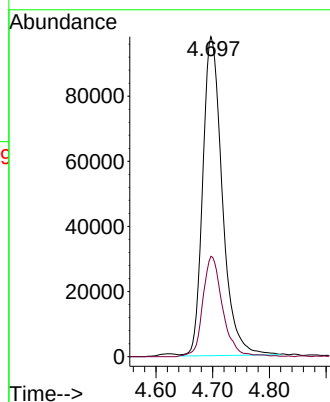
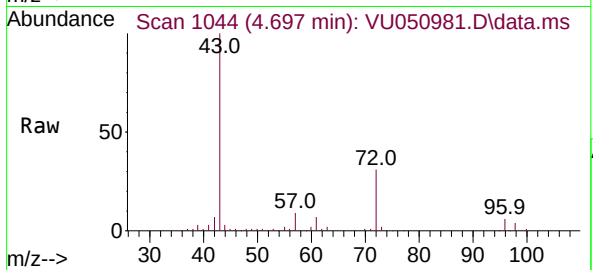




#22
2-Butanone
Concen: 94.346 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

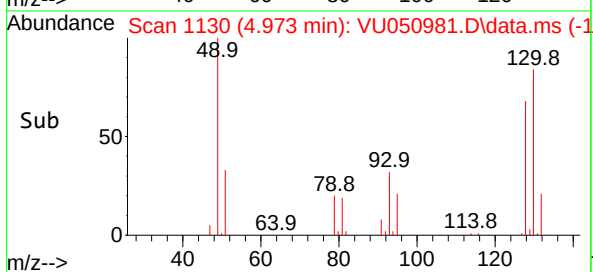
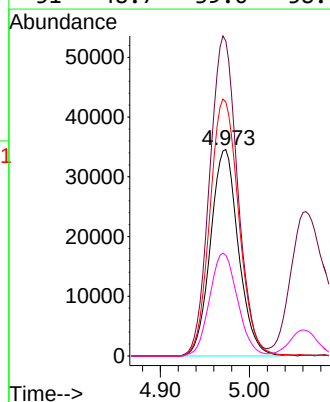
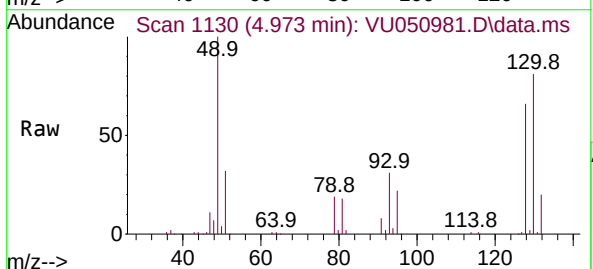
Instrument :
MSVOA_U
ClientSampleId :

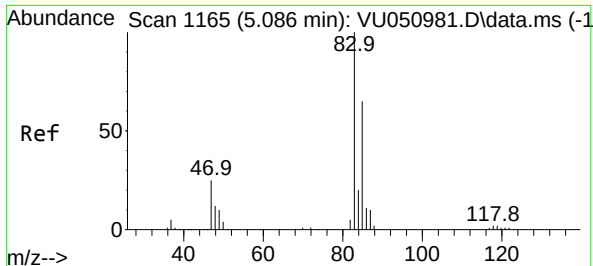
Tgt Ion: 43 Resp: 235095
Ion Ratio Lower Upper
43 100
72 31.6 15.8 47.4



#23
Bromochloromethane
Concen: 48.077 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion:128 Resp: 75270
Ion Ratio Lower Upper
128 100
49 152.7 106.9 198.5
130 123.1 86.2 160.0
51 48.7 39.0 58.4





#25

Chloroform

Concen: 47.335 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

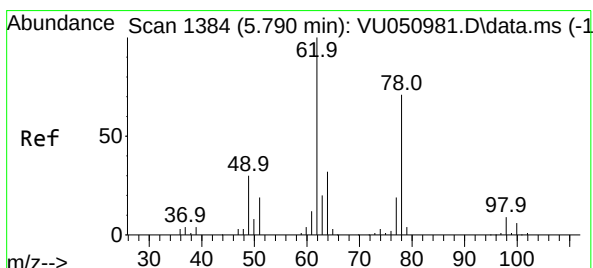
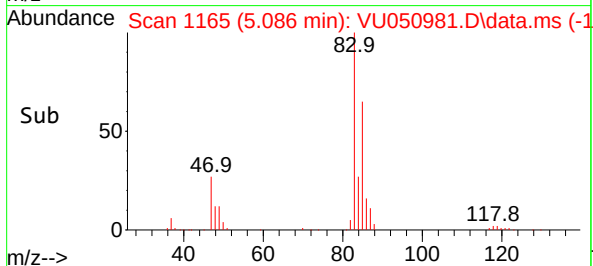
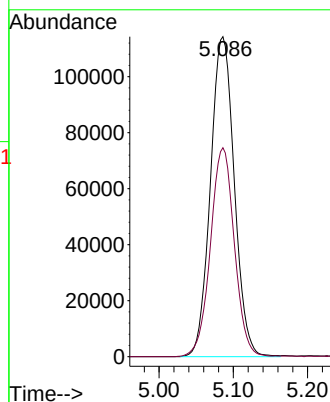
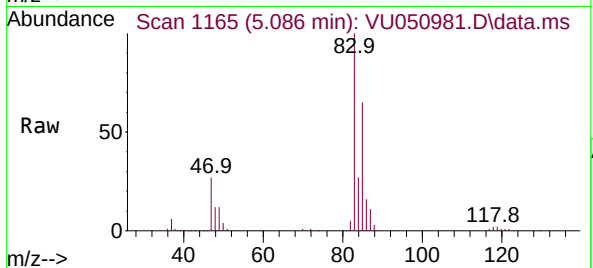
ClientSampleId :

Tgt Ion: 83 Resp: 255274

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.667 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU050981.D

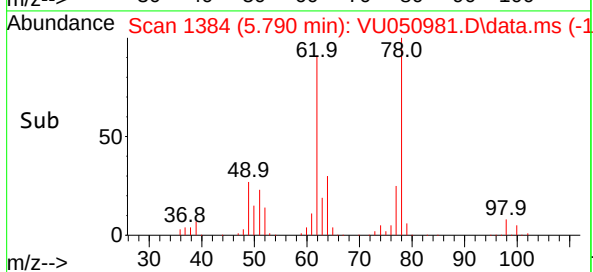
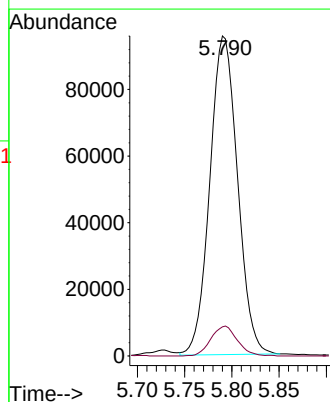
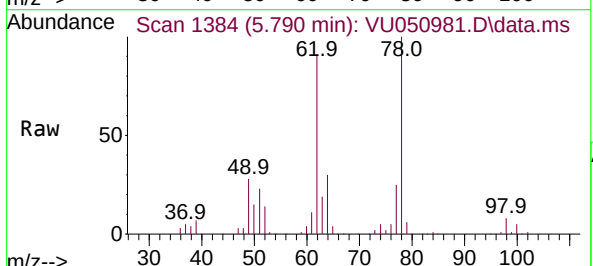
Acq: 29 Sep 2022 15:40

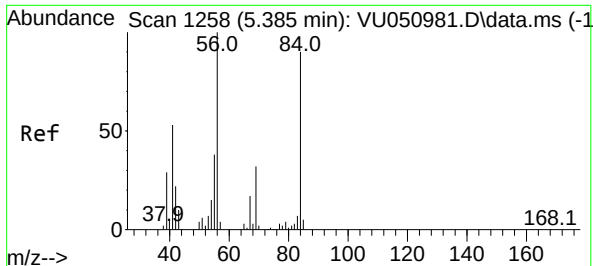
Tgt Ion: 62 Resp: 194993

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 37.036 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

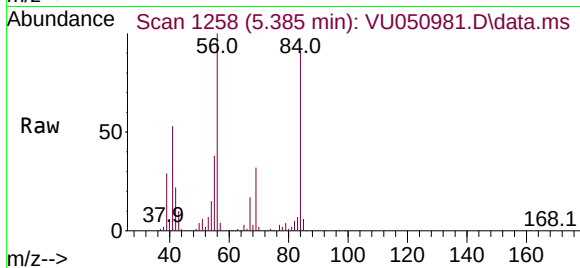
Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :



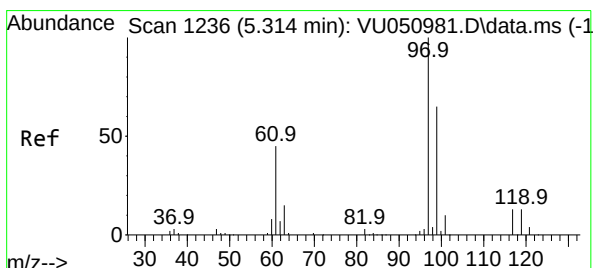
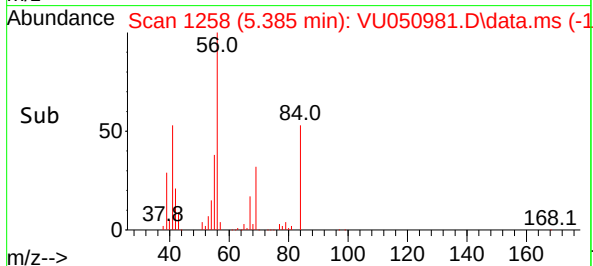
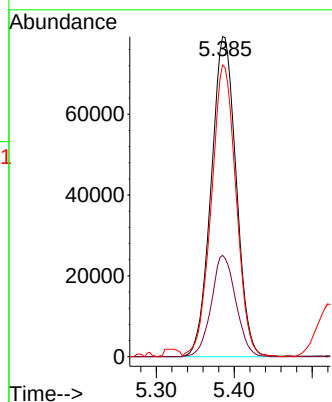
Tgt Ion: 56 Resp: 176355

Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 89.7 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 43.176 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

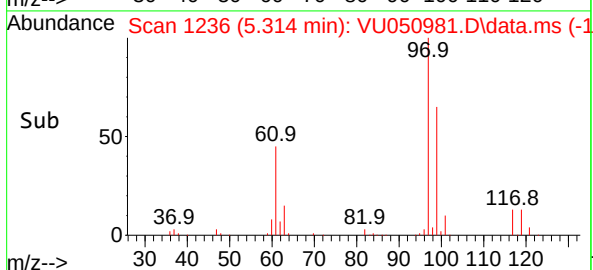
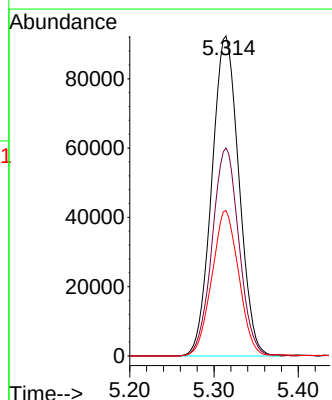
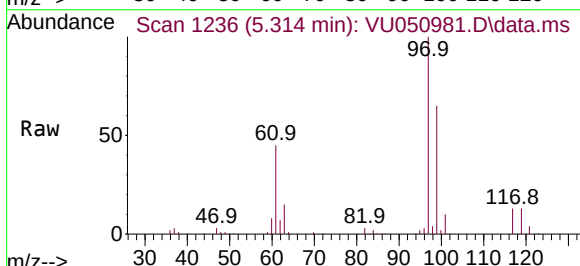
Tgt Ion: 97 Resp: 206499

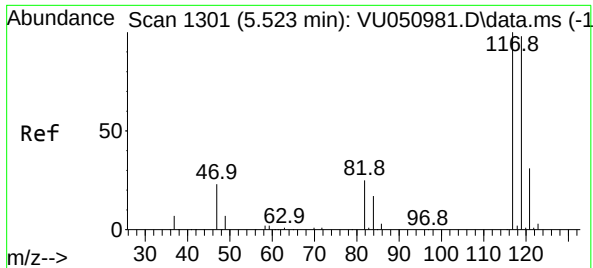
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 45.0 36.0 54.0

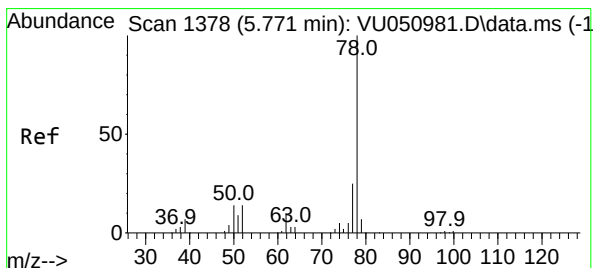
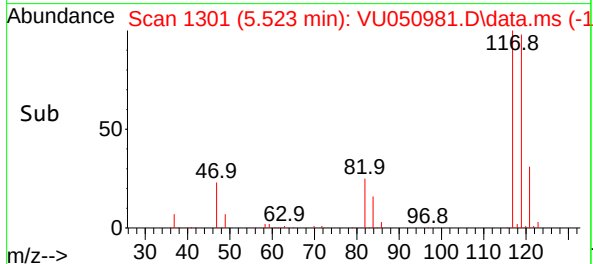
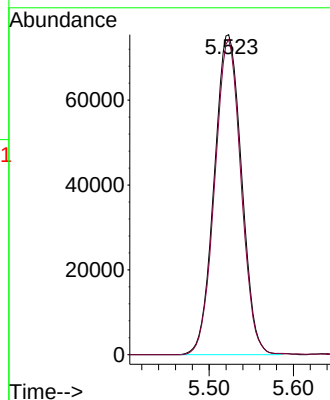
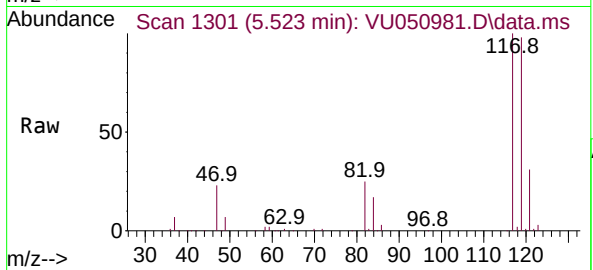




#31
Carbon tetrachloride
Concen: 42.827 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

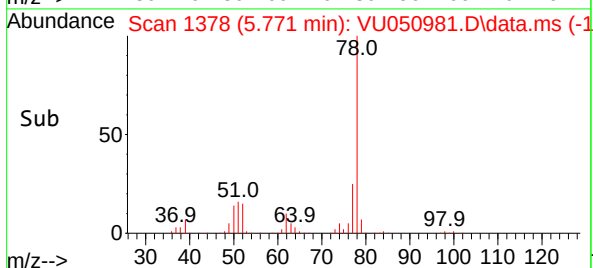
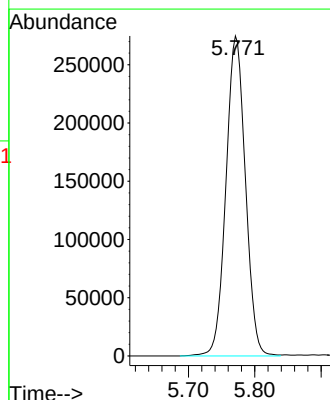
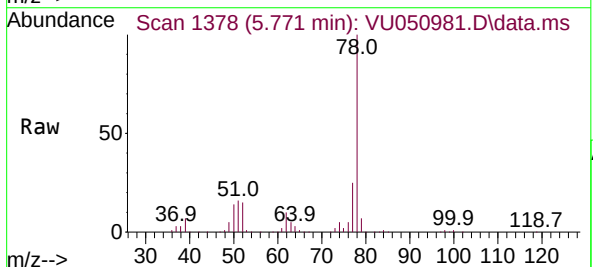
Instrument :
MSVOA_U
ClientSampleId :

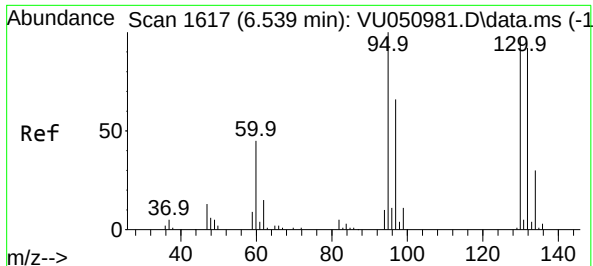
Tgt Ion:117 Resp: 169819
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 42.766 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 78 Resp: 559668

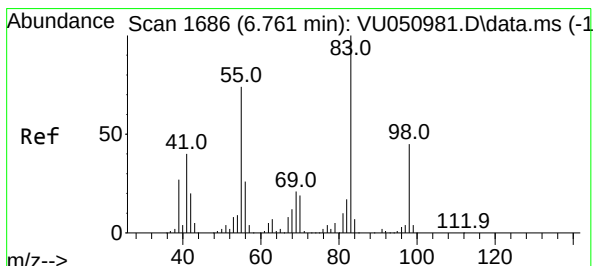
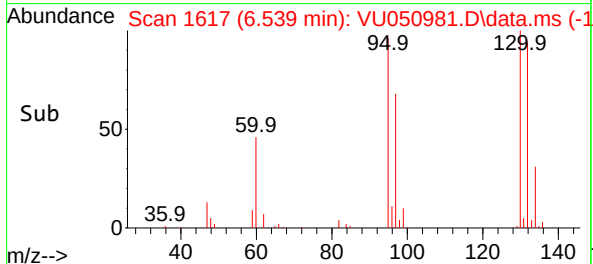
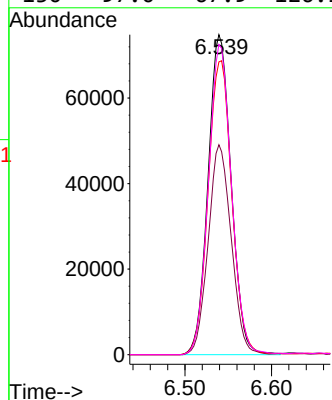
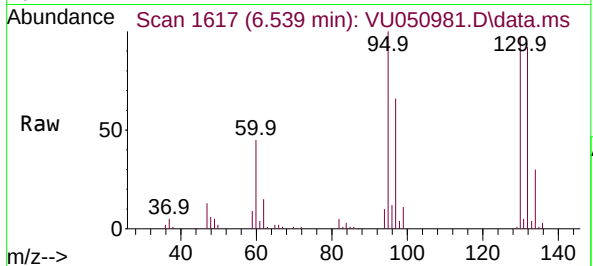




#34
Trichloroethene
Concen: 44.865 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

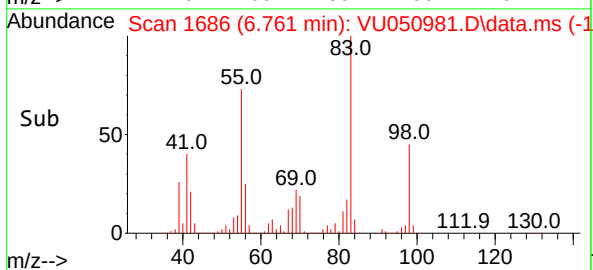
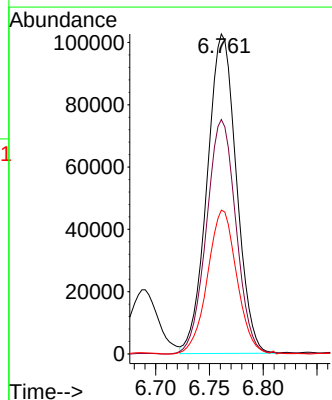
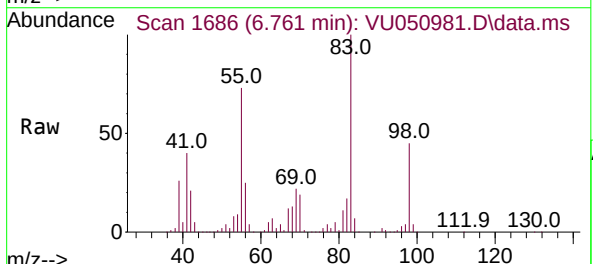
Instrument :
MSVOA_U
ClientSampleId :

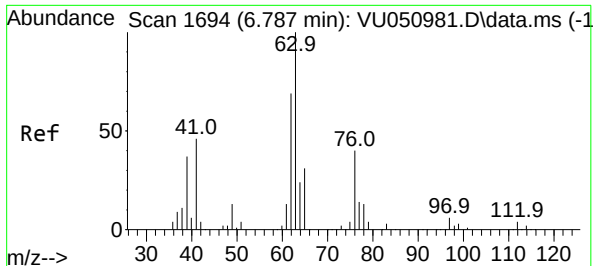
Tgt Ion: 95 Resp: 138981
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 91.5 64.0 119.0
130 97.0 67.9 126.1



#35
Methylcyclohexane
Concen: 40.162 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 83 Resp: 194369
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 45.0 36.0 54.0





#37

1,2-Dichloropropane

Concen: 41.404 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

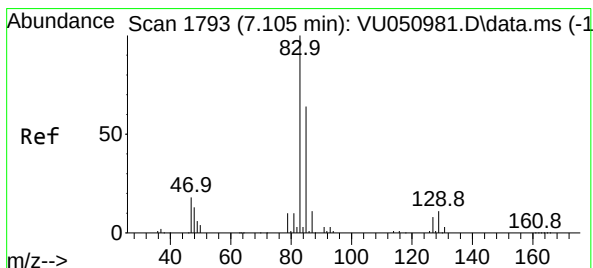
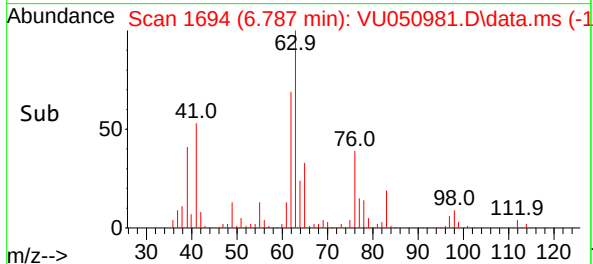
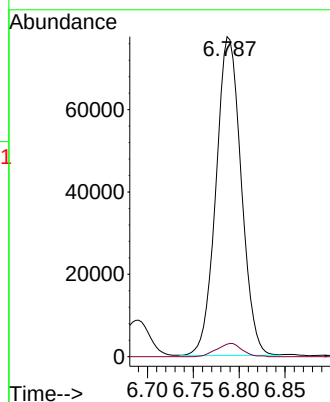
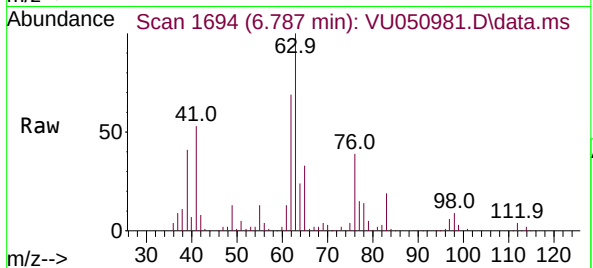
ClientSampleId :

Tgt Ion: 63 Resp: 148157

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 44.271 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

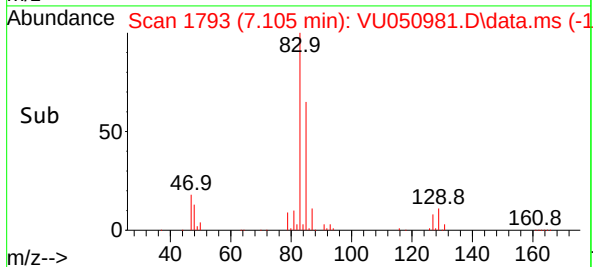
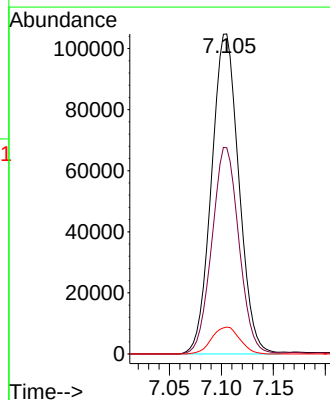
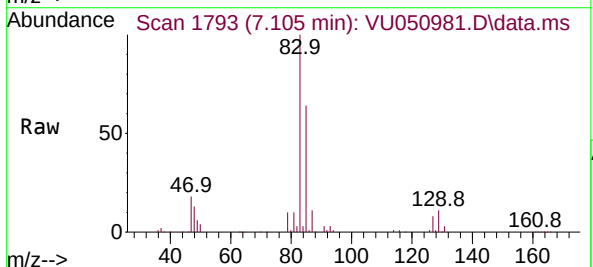
Tgt Ion: 83 Resp: 192145

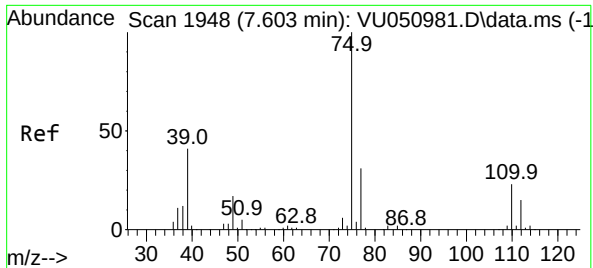
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 43.162 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

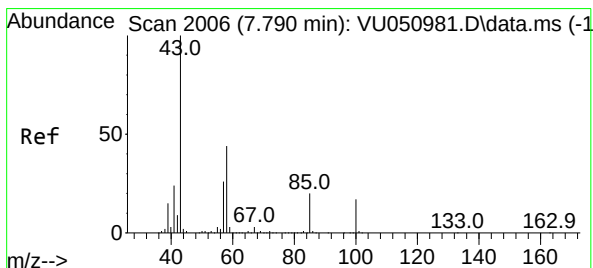
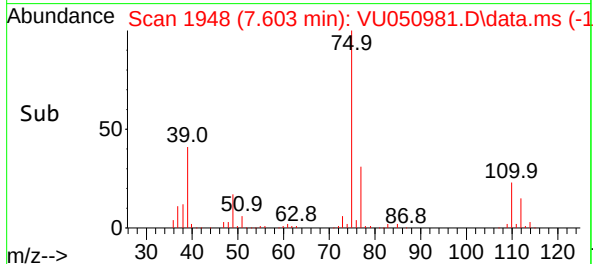
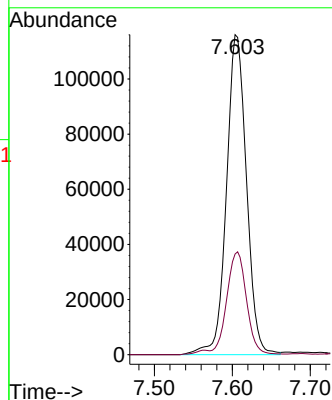
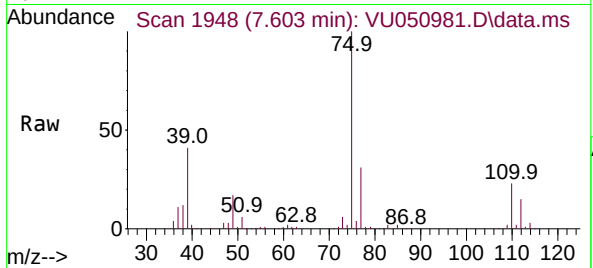
ClientSampleId :

Tgt Ion: 75 Resp: 207601

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 88.864 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

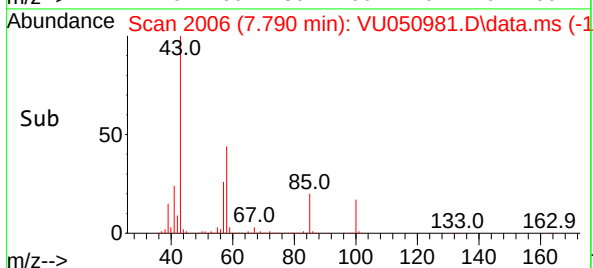
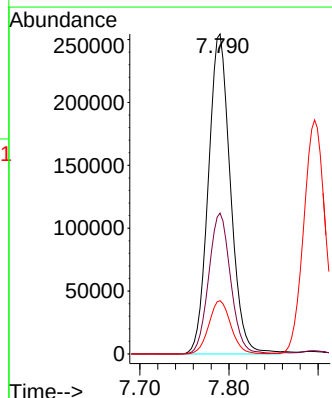
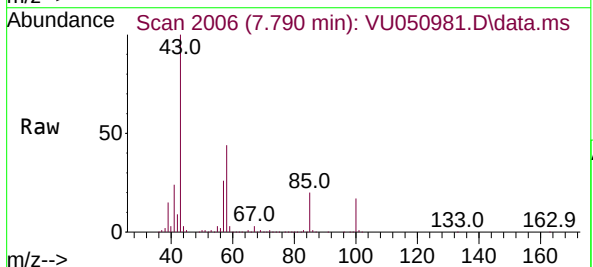
Tgt Ion: 43 Resp: 437352

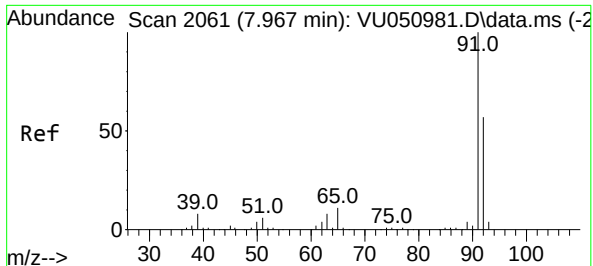
Ion Ratio Lower Upper

43 100

58 43.7 35.0 52.4

100 16.6 13.3 19.9





#42

Toluene

Concen: 45.772 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

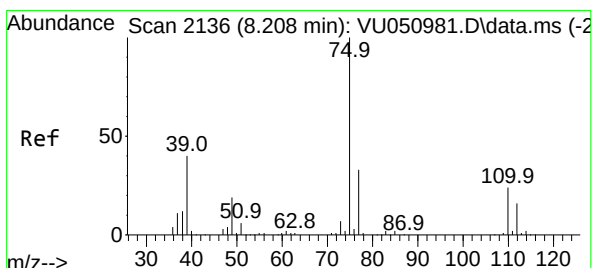
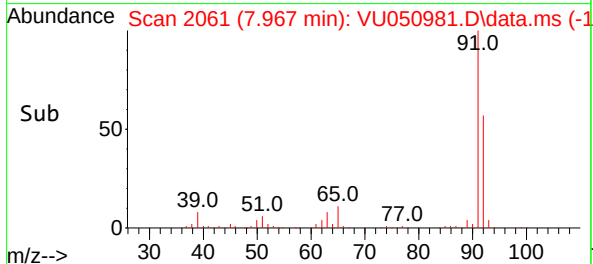
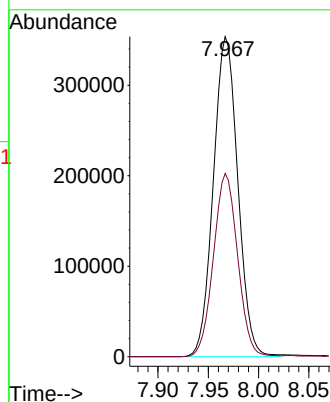
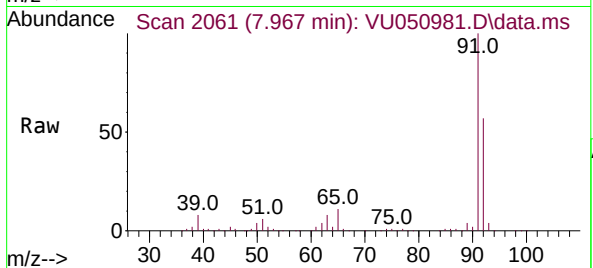
ClientSampleId :

Tgt Ion: 91 Resp: 599113

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 45.776 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050981.D

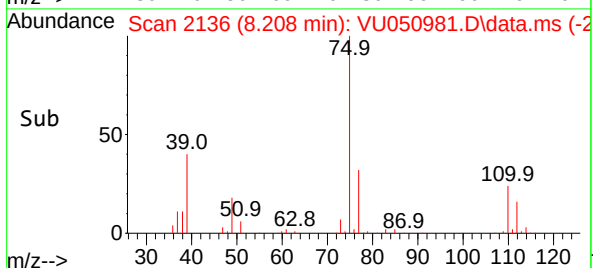
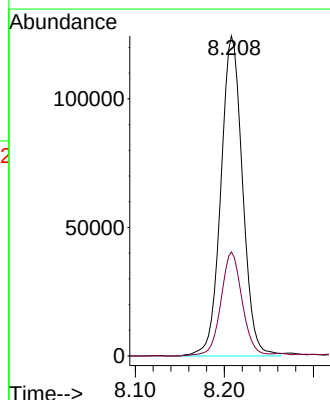
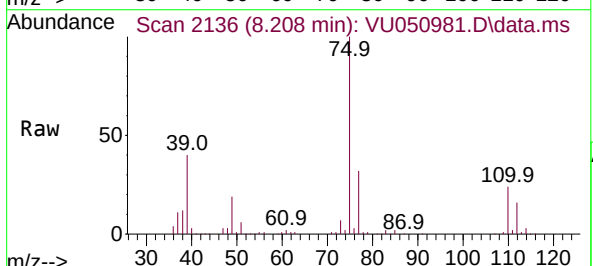
Acq: 29 Sep 2022 15:40

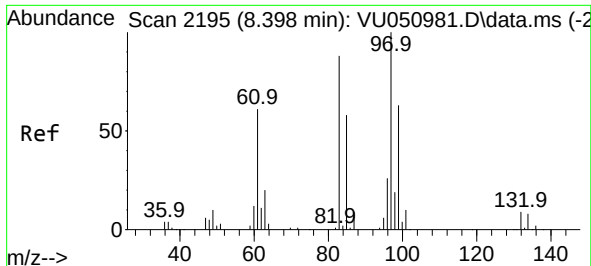
Tgt Ion: 75 Resp: 210803

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

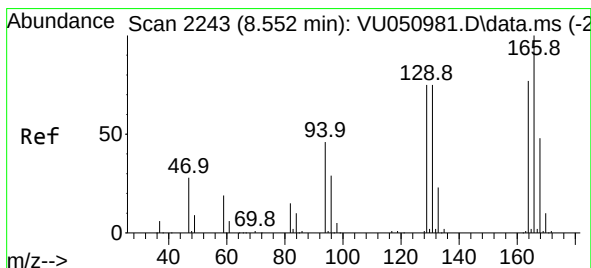
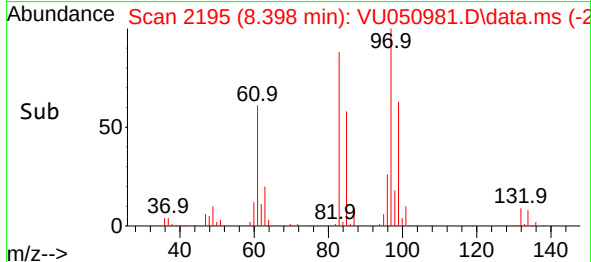
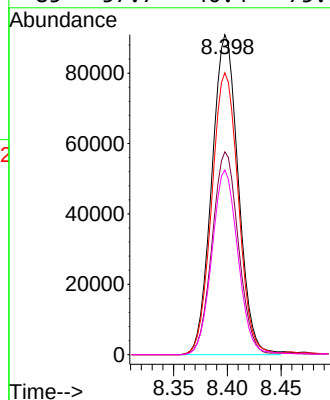
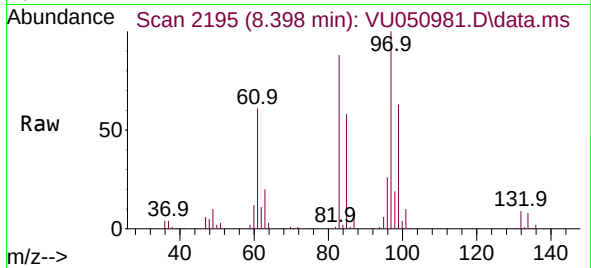




#45
1,1,2-Trichloroethane
Concen: 46.196 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

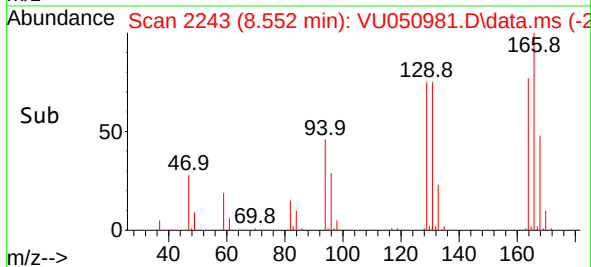
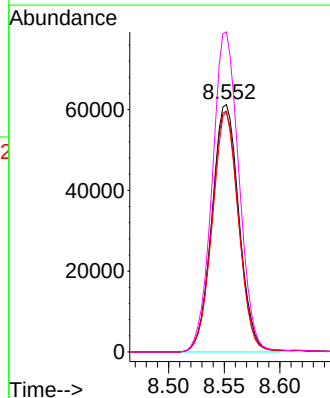
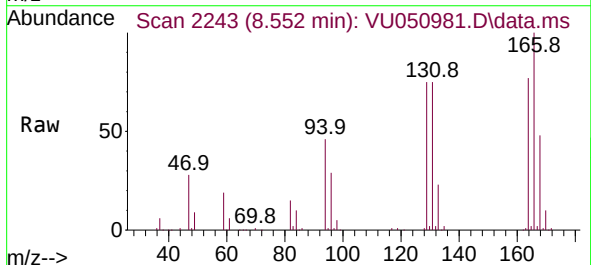
Instrument :
MSVOA_U
ClientSampleId :

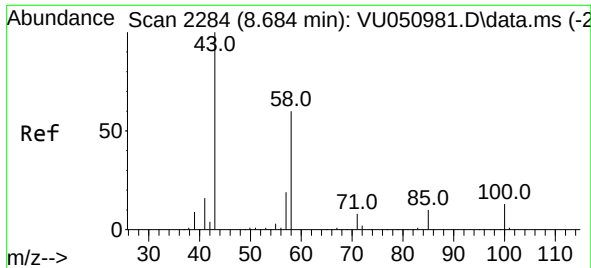
Tgt Ion:	97	Resp:	155881
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.4	82.4
83	88.1	61.7	114.5
85	57.7	40.4	75.0



#46
Tetrachloroethene
Concen: 46.210 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion:	164	Resp:	103411
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.1	126.5
131	96.9	67.8	126.0
166	129.3	90.5	168.1

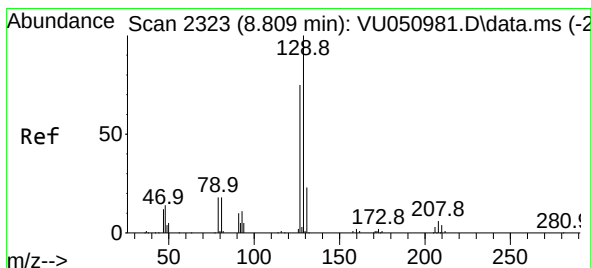
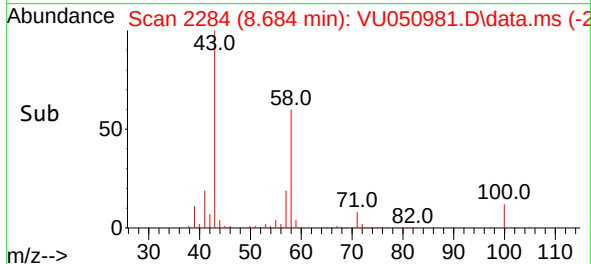
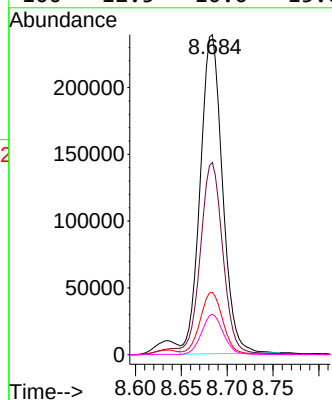
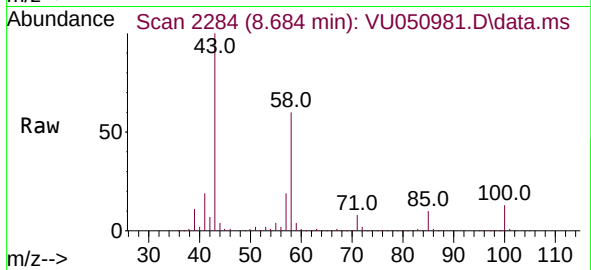




#48
2-Hexanone
Concen: 96.053 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

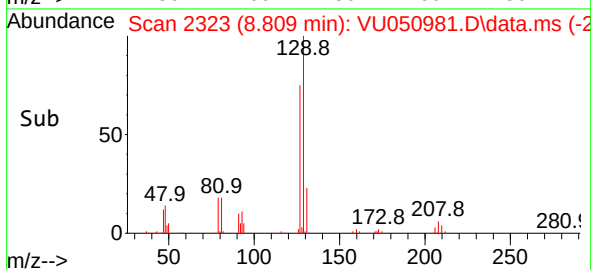
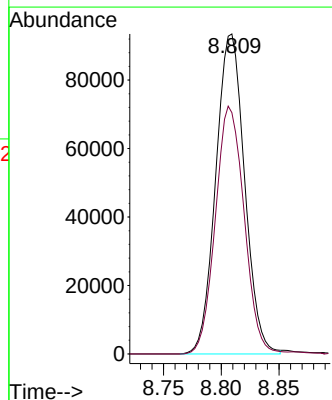
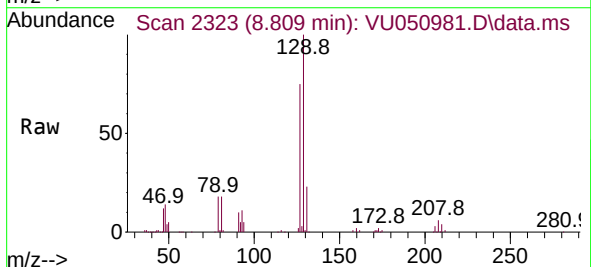
Instrument :
MSVOA_U
ClientSampleId :

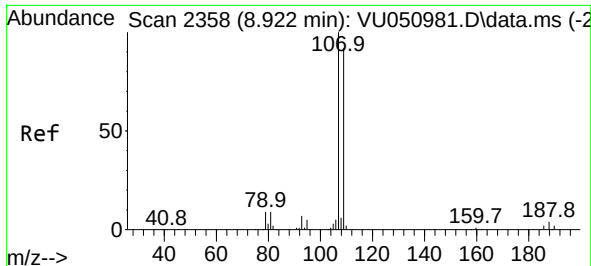
Tgt Ion: 43 Resp: 401941
Ion Ratio Lower Upper
43 100
58 60.4 48.3 72.5
57 19.9 15.9 23.9
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 48.540 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 129 Resp: 162408
Ion Ratio Lower Upper
129 100
127 75.4 52.8 98.0

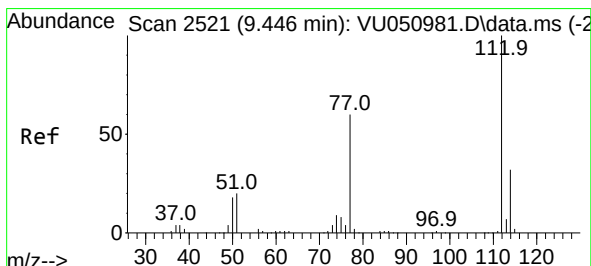
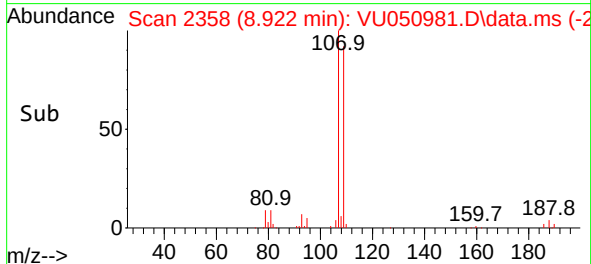
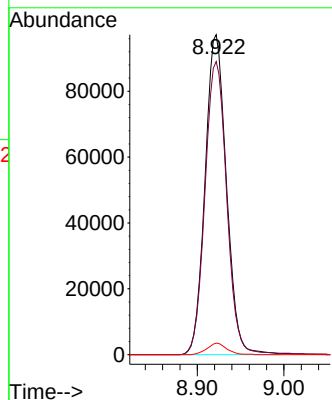
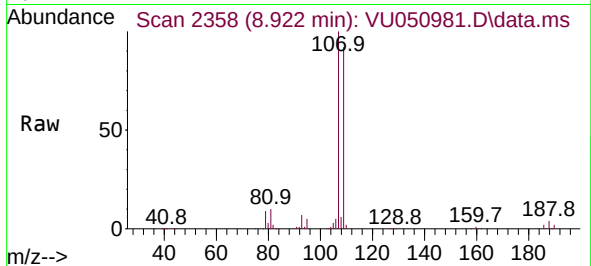




#50
 1,2-Dibromoethane
 Concen: 47.369 ug/L
 RT: 8.922 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

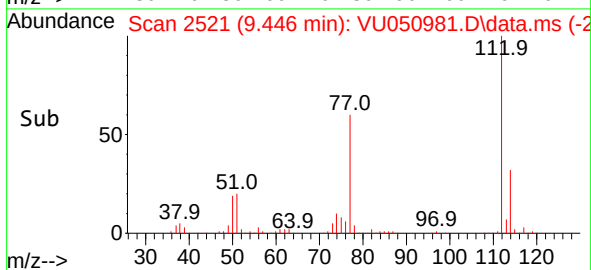
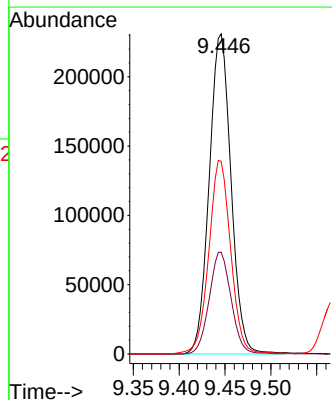
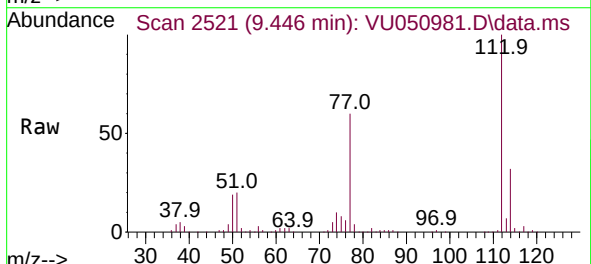
Instrument :
 MSVOA_U
 ClientSampleId :

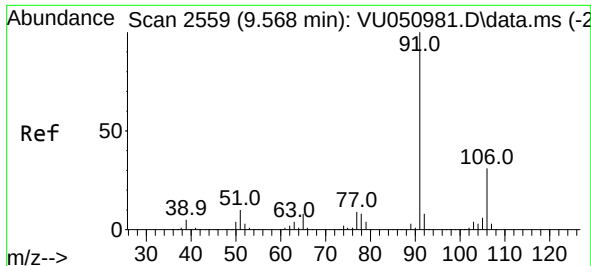
Tgt Ion:107 Resp: 166362
 Ion Ratio Lower Upper
 107 100
 109 91.6 64.1 119.1
 188 3.6 2.9 4.3



#51
 Chlorobenzene
 Concen: 46.954 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

Tgt Ion:112 Resp: 382690
 Ion Ratio Lower Upper
 112 100
 114 31.8 22.3 41.3
 77 60.2 48.2 72.2

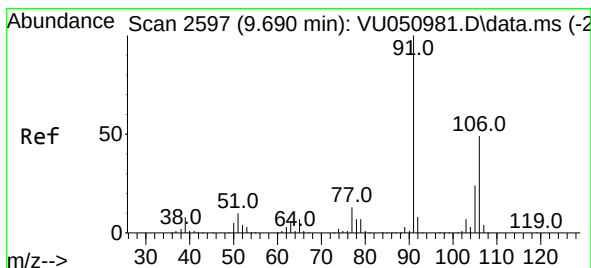
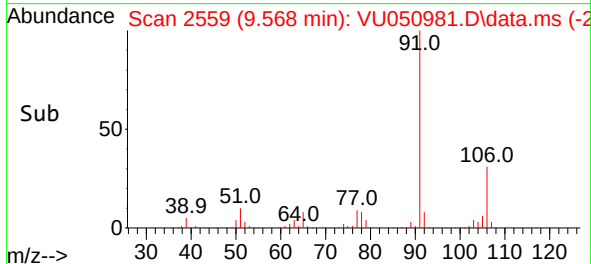
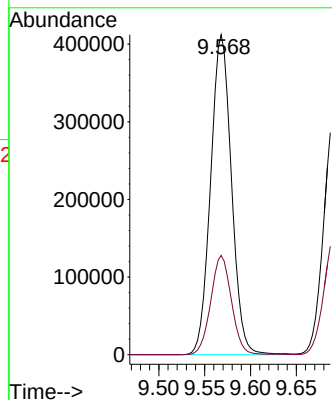
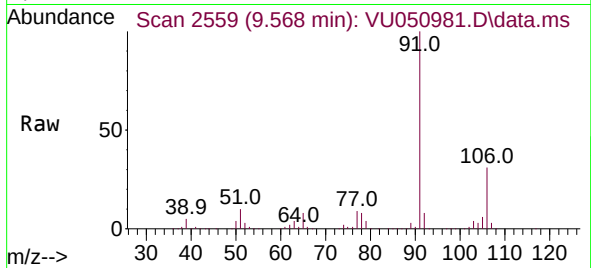




#52
Ethylbenzene
Concen: 48.818 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

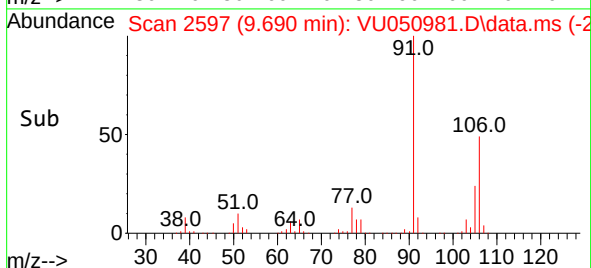
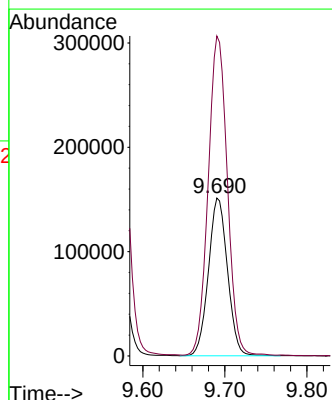
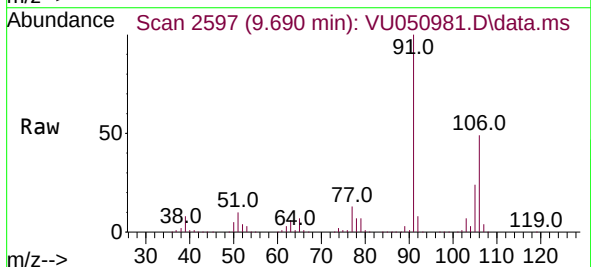
Instrument :
MSVOA_U
ClientSampleId :

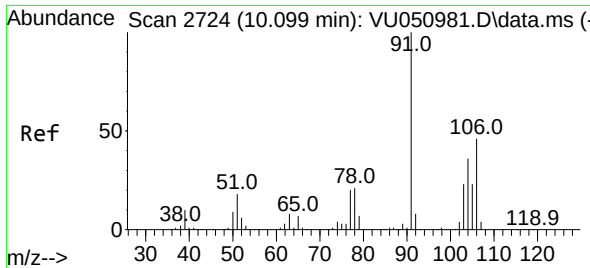
Tgt Ion: 91 Resp: 650579
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 49.574 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 106 Resp: 243872
Ion Ratio Lower Upper
106 100
91 202.7 141.9 263.5

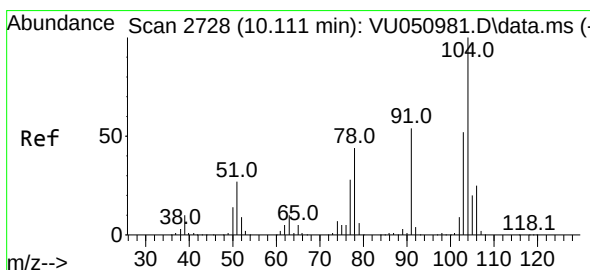
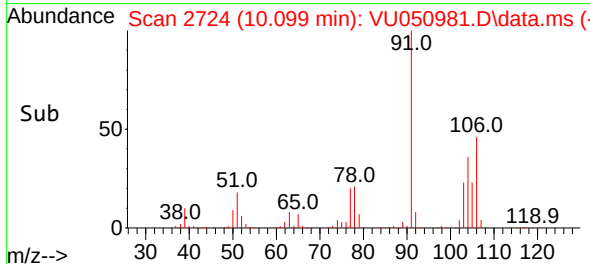
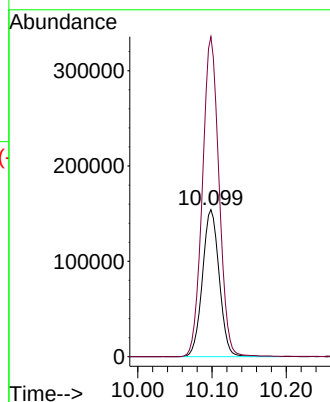
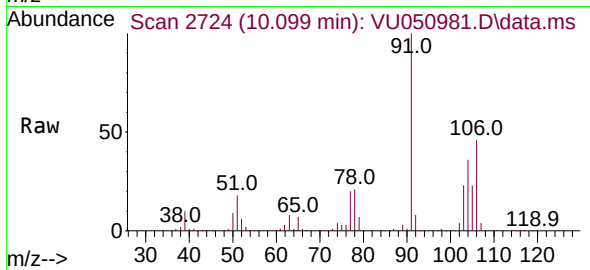




#54
o-Xylene
Concen: 49.225 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

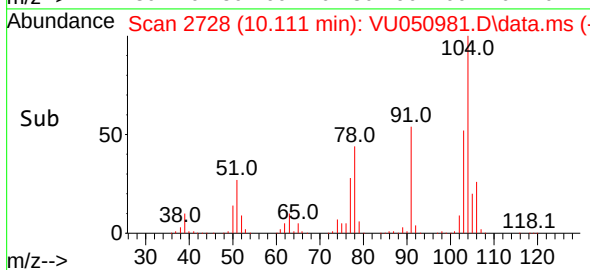
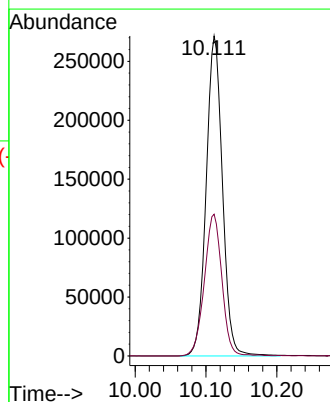
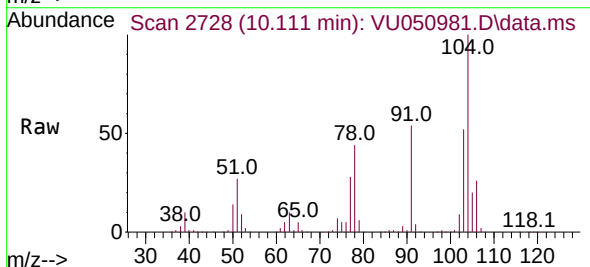
Instrument :
MSVOA_U
ClientSampleId :

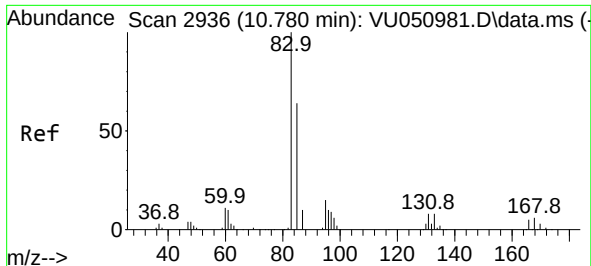
Tgt Ion:106 Resp: 242090
Ion Ratio Lower Upper
106 100
91 217.7 152.4 283.0



#55
Styrene
Concen: 51.243 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion:104 Resp: 432952
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 46.157 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

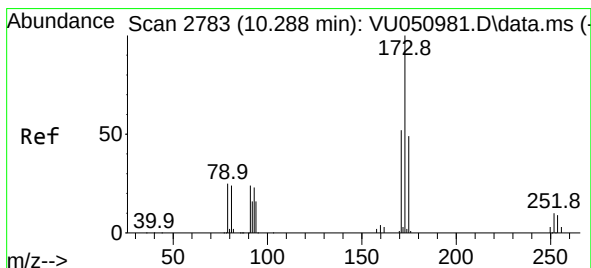
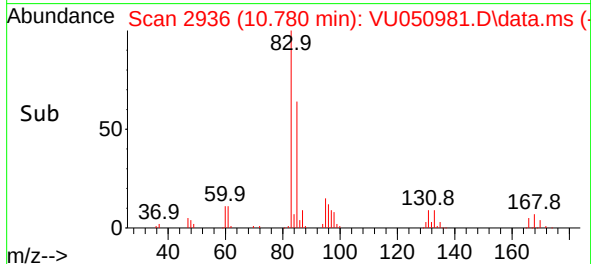
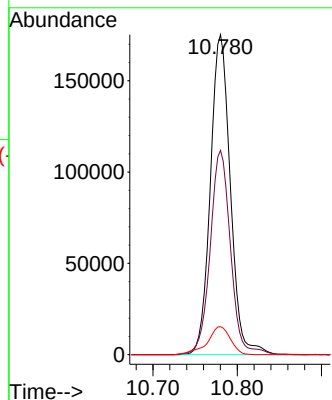
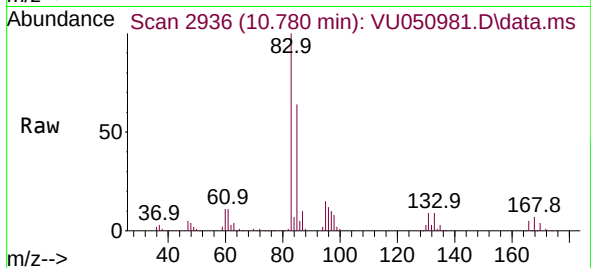
Tgt Ion: 83 Resp: 288582

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

131 8.7 7.0 10.4



#59

Bromoform

Concen: 45.538 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

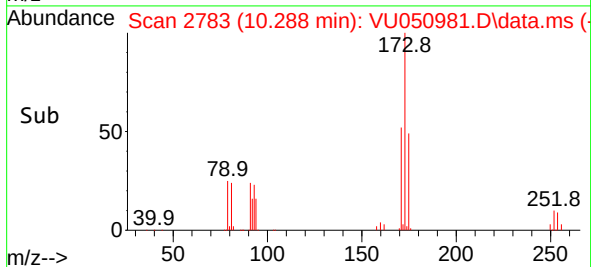
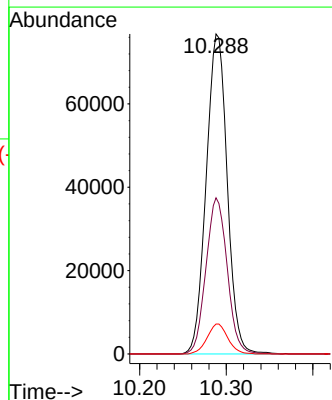
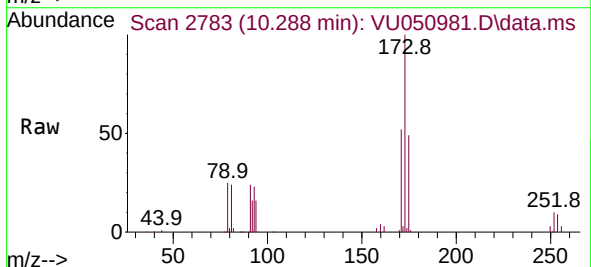
Tgt Ion:173 Resp: 129387

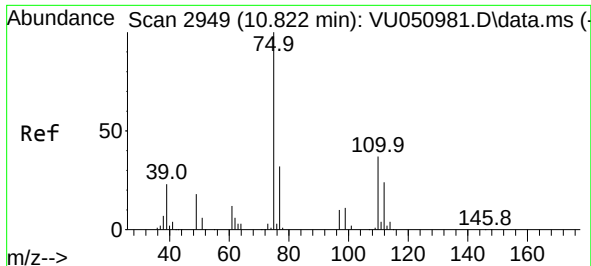
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 9.2 7.4 11.0

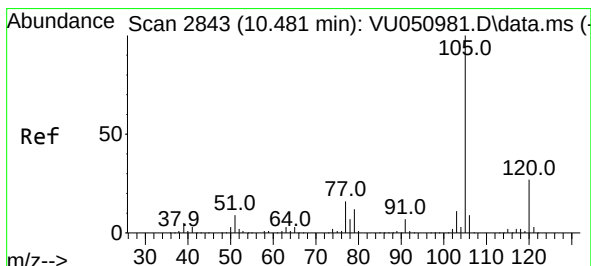
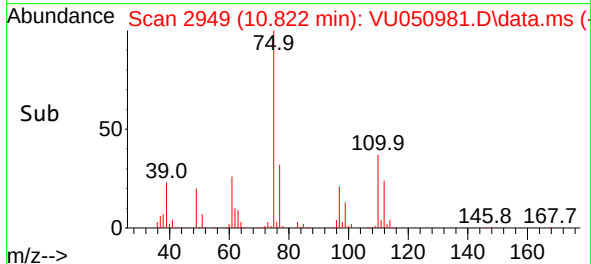
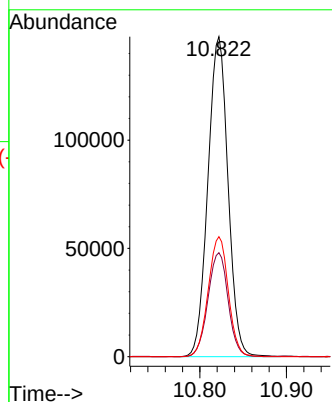
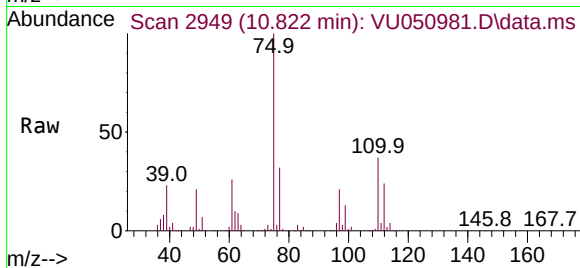




#60
1,2,3-Trichloropropane
Concen: 43.466 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

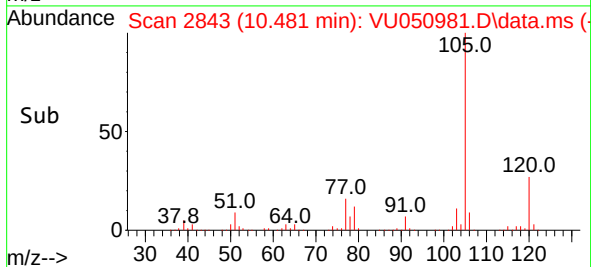
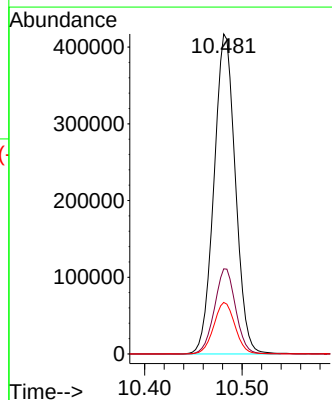
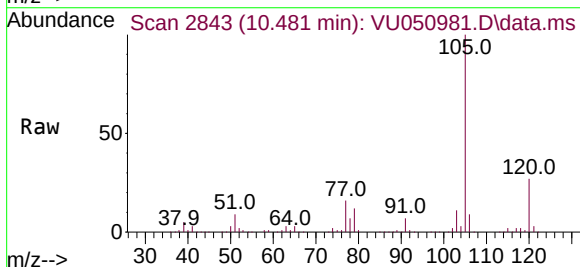
Instrument :
MSVOA_U
ClientSampleId :

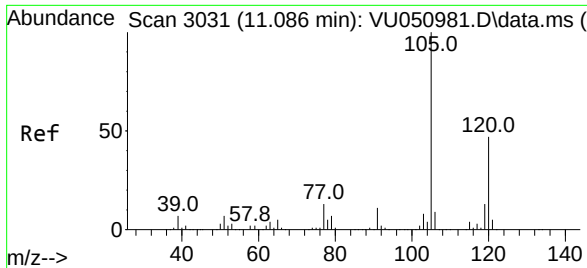
Tgt Ion: 75 Resp: 238395
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 37.5 30.0 45.0



#61
Isopropylbenzene
Concen: 45.919 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion: 105 Resp: 635965
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 16.0 12.8 19.2

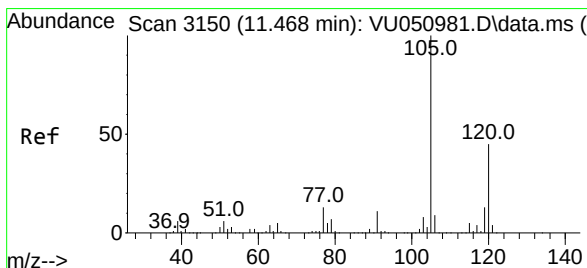
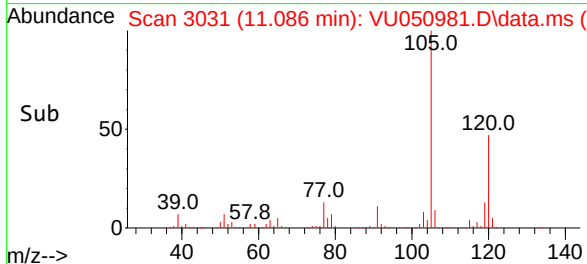
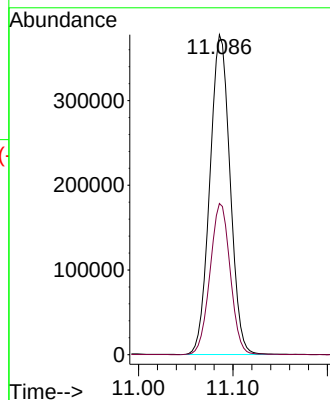
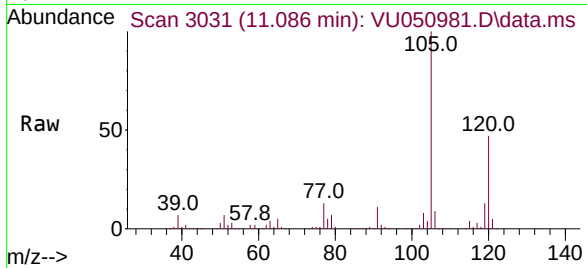




#62
 1,3,5-Trimethylbenzene
 Concen: 48.788 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

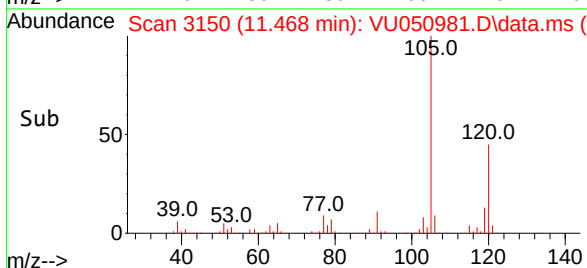
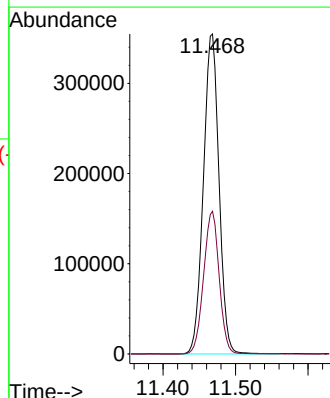
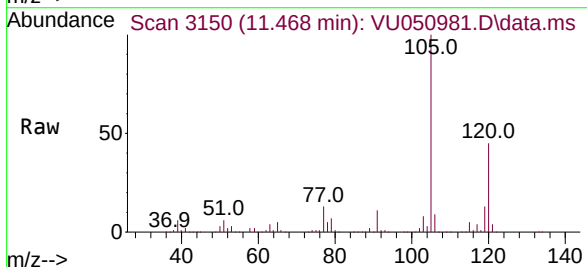
Instrument :
 MSVOA_U
 ClientSampleId :

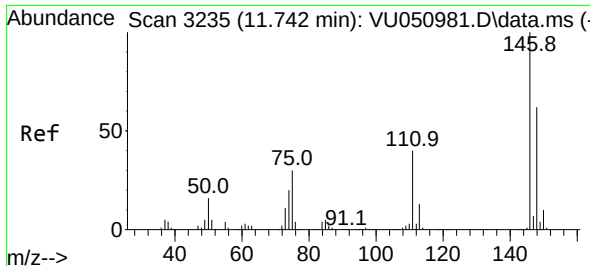
Tgt Ion:105 Resp: 560946
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 47.223 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

Tgt Ion:105 Resp: 531663
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.5 53.3

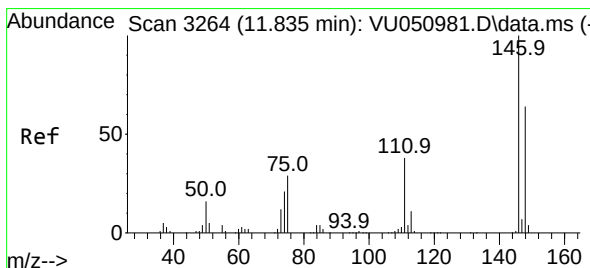
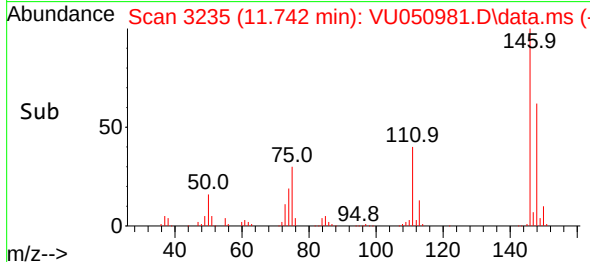
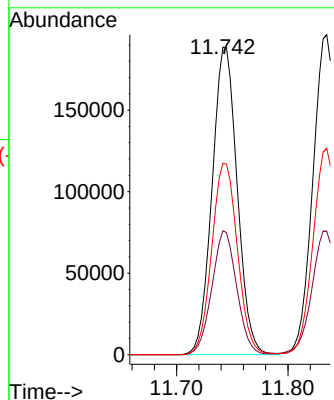
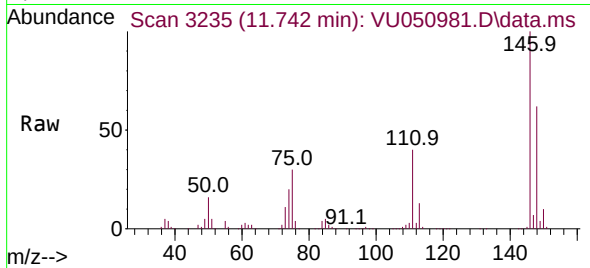




#64
1,3-Dichlorobenzene
Concen: 46.277 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

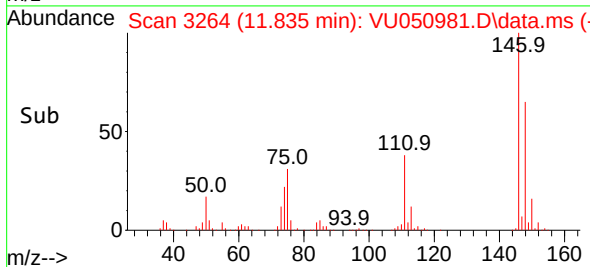
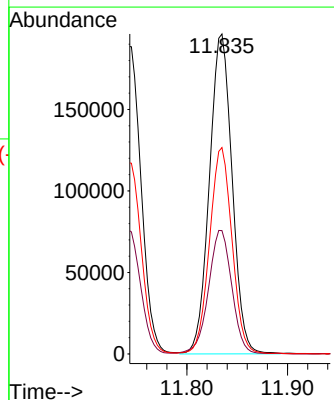
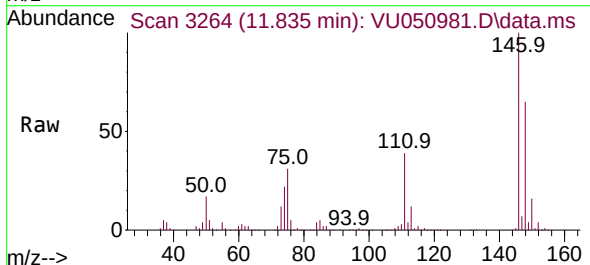
Instrument :
MSVOA_U
ClientSampleId :

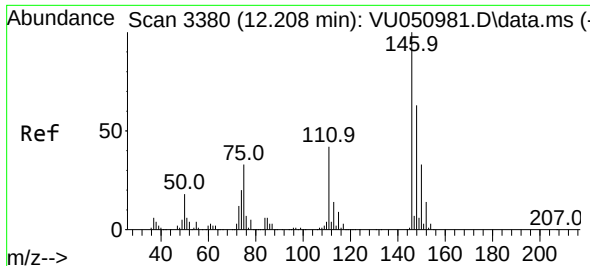
Tgt Ion:146 Resp: 296079
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.2 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 46.911 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050981.D
Acq: 29 Sep 2022 15:40

Tgt Ion:146 Resp: 308034
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 64.5 45.1 83.9

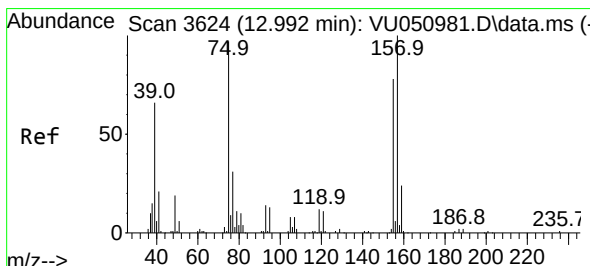
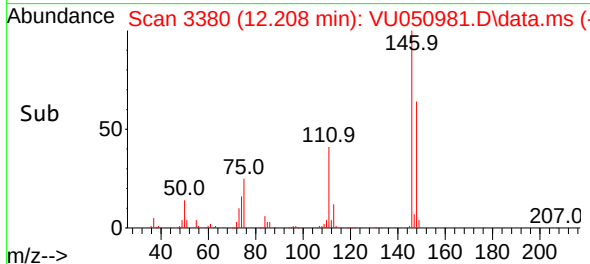
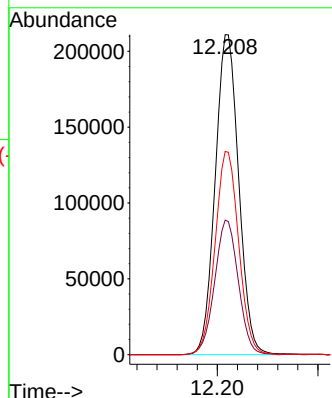
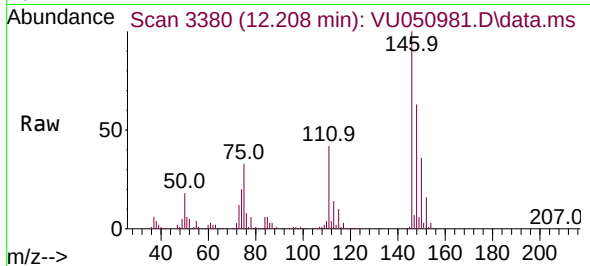




#67
 1,2-Dichlorobenzene
 Concen: 49.417 ug/L
 RT: 12.208 min Scan# 3380
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

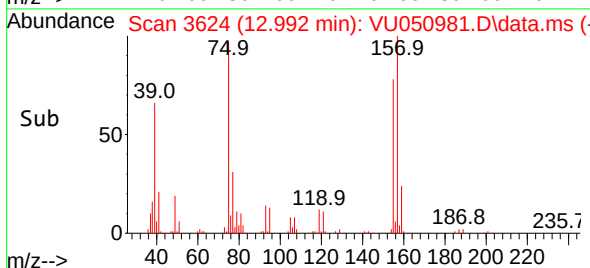
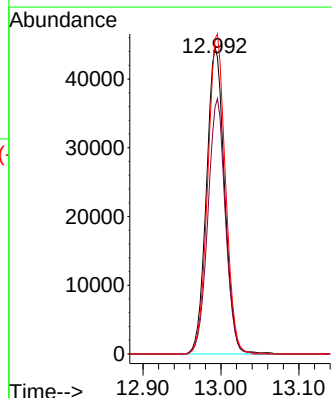
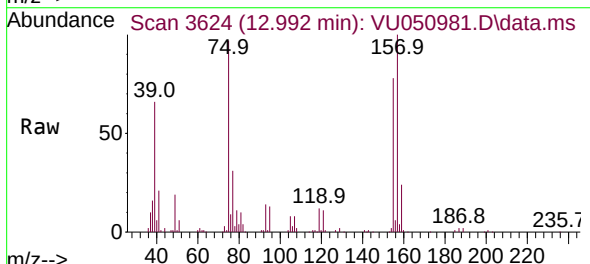
Instrument :
 MSVOA_U
 ClientSampleId :

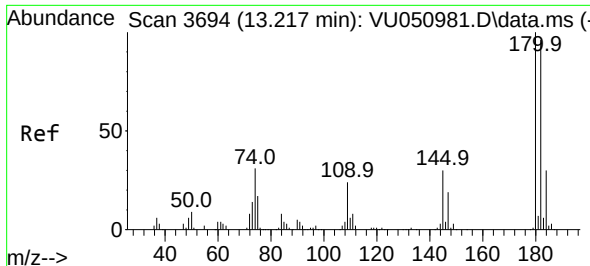
Tgt Ion:146 Resp: 342440
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.7 50.5
 148 63.5 50.8 76.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.105 ug/L
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

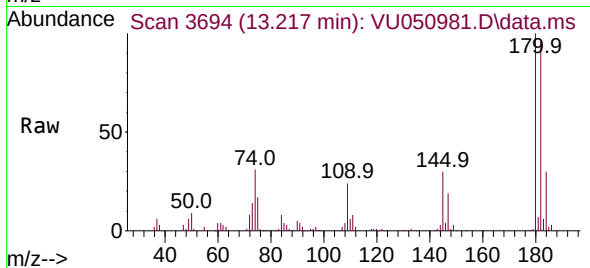
Tgt Ion: 75 Resp: 72094
 Ion Ratio Lower Upper
 75 100
 155 80.5 64.4 96.6
 157 102.7 82.2 123.2



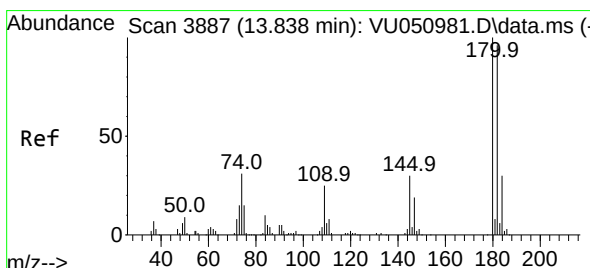
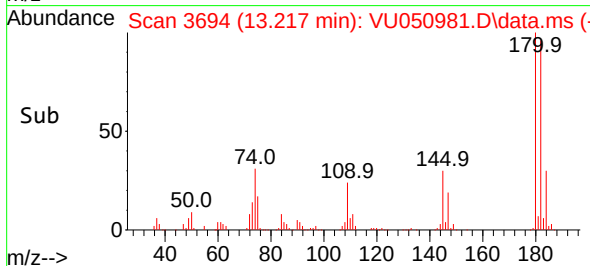
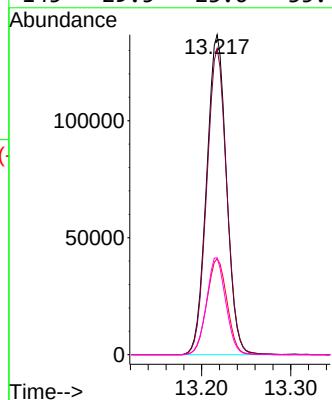


#69
 1,3,5-Trichlorobenzene
 Concen: 46.441 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

Instrument :
 MSVOA_U
 ClientSampleId :

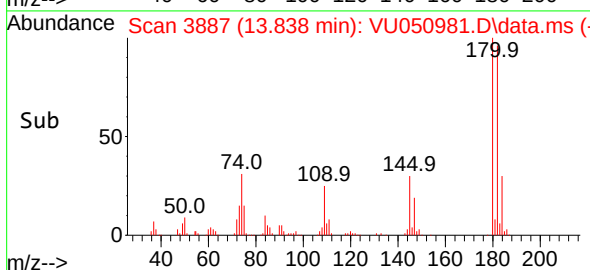
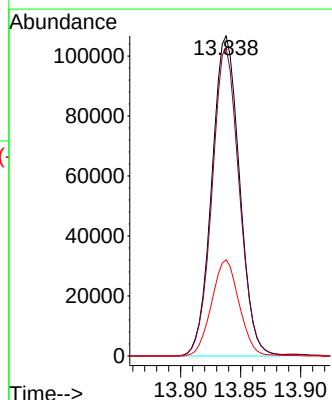
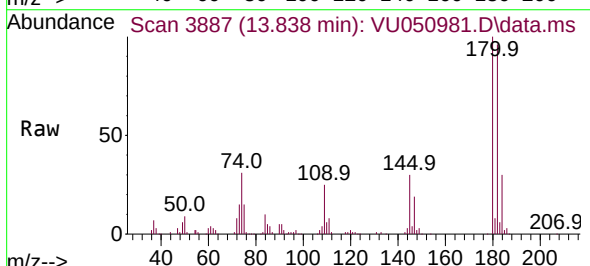


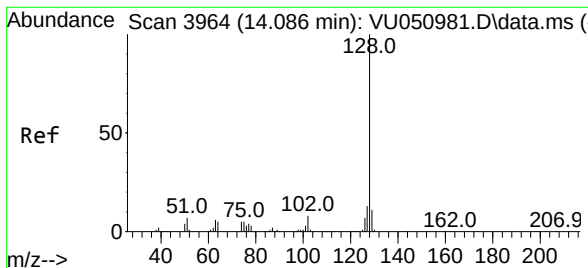
Tgt Ion:180 Resp: 211305
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 184 30.5 24.4 36.6
 145 29.5 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.135 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050981.D
 Acq: 29 Sep 2022 15:40

Tgt Ion:180 Resp: 170940
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.0 24.0 36.0





#71

Naphthalene

Concen: 44.347 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

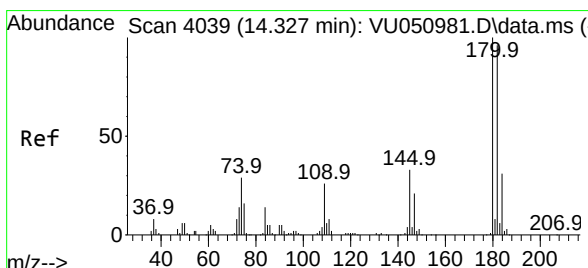
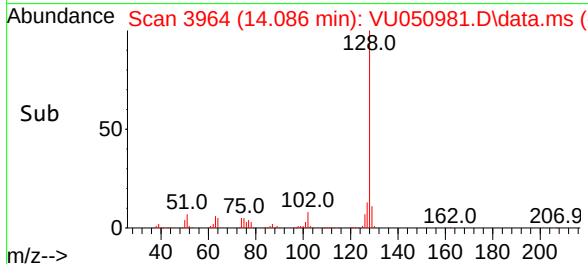
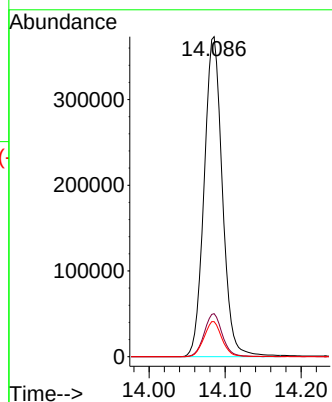
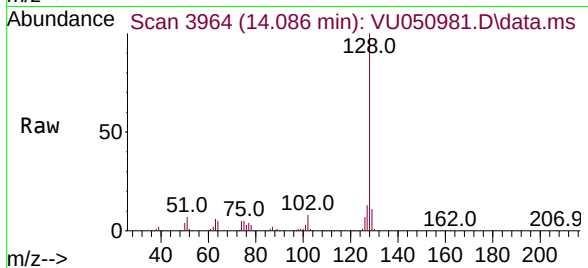
Tgt Ion:128 Resp: 621883

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 47.099 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU050981.D

Acq: 29 Sep 2022 15:40

Tgt Ion:180 Resp: 195630

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 32.6 26.1 39.1

