

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050983.D
 Acq On : 29 Sep 2022 16:27
 Operator : JC/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:23:25 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	418579	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	435130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	265651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	778143	181.781	ug/L	0.00
7) Chloroethane-d5	1.899	69	754694	240.679	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1200719	181.829	ug/L	0.00
21) 2-Butanone-d5	4.623	46	1115035	404.393	ug/L	0.00
24) Chloroform-d	5.060	84	1289959	191.767	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	775877	187.062	ug/L	0.00
32) Benzene-d6	5.726	84	2608454	187.361	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	829844	177.341	ug/L	0.00
41) Toluene-d8	7.896	98	2546665	207.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	421813	204.559	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	818384	428.900	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	1523074	208.018	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1118376	199.642	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	634123	153.108	ug/L	100
3) Chloromethane	1.520	50	715034	148.109	ug/L	99
5) Vinyl chloride	1.604	62	784557	163.776	ug/L	99
6) Bromomethane	1.848	94	678565	255.563	ug/L	99
8) Chloroethane	1.919	64	626293	230.437	ug/L	99
9) Trichlorofluoromethane	2.128	101	1056710	196.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	582770	173.445	ug/L	99
12) 1,1-Dichloroethene	2.571	96	566197	180.013	ug/L	98
13) Acetone	2.629	43	672069	292.763	ug/L	98
14) Carbon disulfide	2.787	76	1609375	163.509	ug/L	100
15) Methyl Acetate	2.944	43	711313	164.018	ug/L	100
16) Methylene chloride	3.041	84	660091	150.186	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	593180	183.477	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1933806	195.494	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1104346	169.989	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	698136	194.164	ug/L	100
22) 2-Butanone	4.700	43	1124751	370.209	ug/L	98
23) Bromochloromethane	4.970	128	356691	186.861	ug/L	97
25) Chloroform	5.086	83	1196892	182.030	ug/L	100
27) 1,2-Dichloroethane	5.790	62	911280	182.708	ug/L	99
29) Cyclohexane	5.385	56	973201	173.985	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	999028	177.816	ug/L	99
31) Carbon tetrachloride	5.520	117	822470	176.570	ug/L	98
33) Benzene	5.771	78	2643094	171.927	ug/L	100
34) Trichloroethene	6.539	95	688474	189.195	ug/L	99
35) Methylcyclohexane	6.761	83	1089415	191.625	ug/L	97
37) 1,2-Dichloropropane	6.790	63	690186	164.191	ug/L	99
38) Bromodichloromethane	7.105	83	925179	181.461	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	1116832	197.664	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	2242662	387.904	ug/L	99
42) Toluene	7.967	91	2982817	193.994	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	1100969	203.520	ug/L	99

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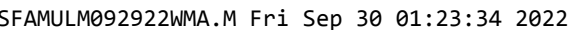
Instrument :
 MSVOA_U
 ClientSampleId :

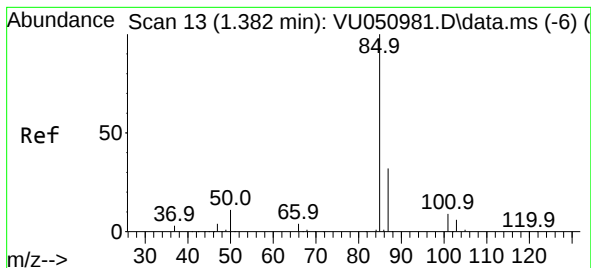
Quant Time: Sep 30 01:23:25 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	732178	184.710	ug/L	99
46) Tetrachloroethene	8.552	164	507595	193.087	ug/L	99
48) 2-Hexanone	8.687	43	1901231	386.767	ug/L	97
49) Dibromochloromethane	8.809	129	798291	203.105	ug/L	97
50) 1,2-Dibromoethane	8.922	107	802818	194.591	ug/L	98
51) Chlorobenzene	9.446	112	1866250	194.924	ug/L	98
52) Ethylbenzene	9.568	91	3319513	212.040	ug/L	100
53) m,p-Xylene	9.690	106	1284033	222.195	ug/L	99
54) o-Xylene	10.098	106	1294377	224.046	ug/L	100
55) Styrene	10.111	104	2296931	231.427	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	1431820	194.950	ug/L	100
59) Bromoform	10.291	173	673505	177.855	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	1158403	158.474	ug/L	100
61) Isopropylbenzene	10.481	105	3525530	190.996	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	3222456	210.291	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	3258283	217.142	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	1677630	196.741	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1676789	191.600	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1745467	188.994	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	366354	179.603	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	1213529	200.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1079825	218.665	ug/L	99
71) Naphthalene	14.082	128	4045017	216.431	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	1114691	201.360	ug/L	100

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

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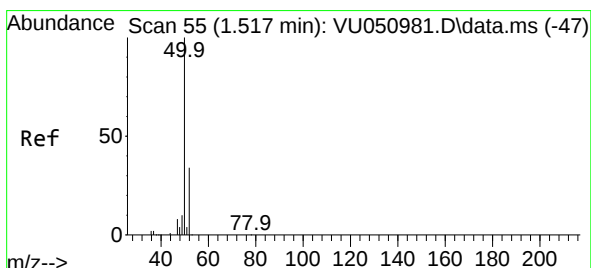
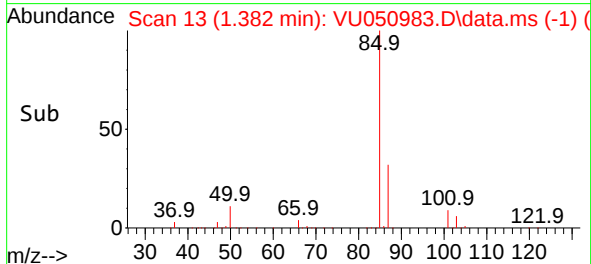
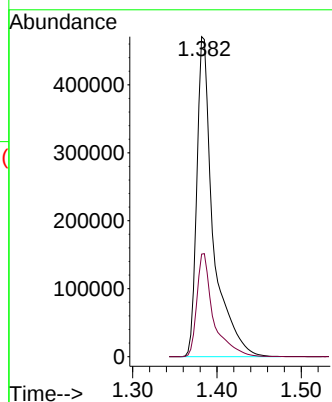
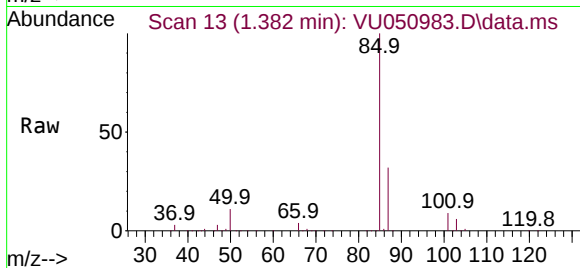




#2
 Dichlorodifluoromethane
 Concen: 153.108 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

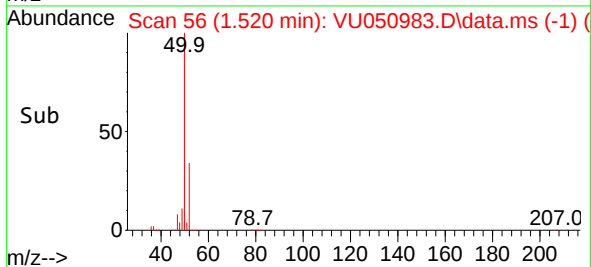
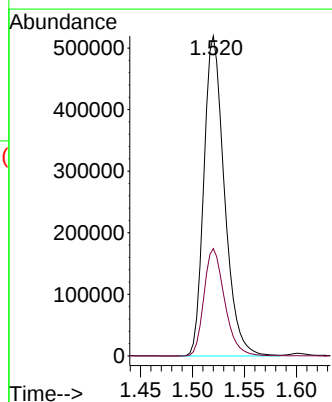
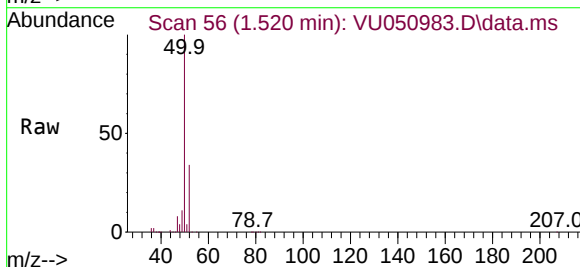
Instrument :
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 ClientSampleId :

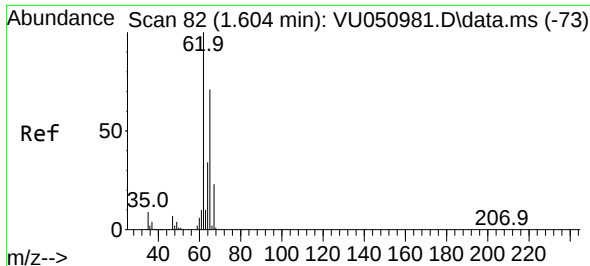
Tgt Ion: 85 Resp: 634123
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 148.109 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

Tgt Ion: 50 Resp: 715034
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 44.1

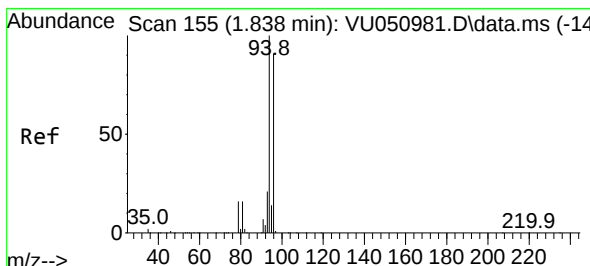
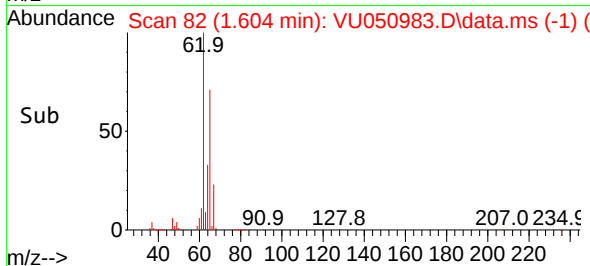
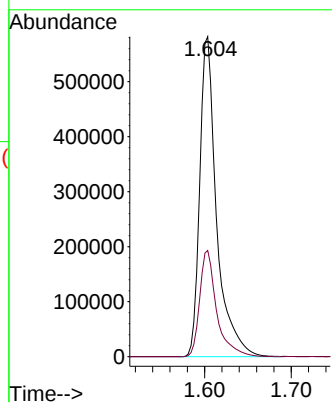
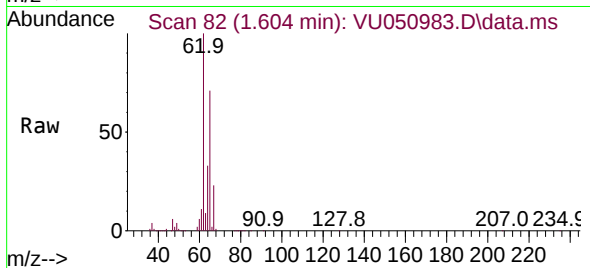




#5
 Vinyl chloride
 Concen: 163.776 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

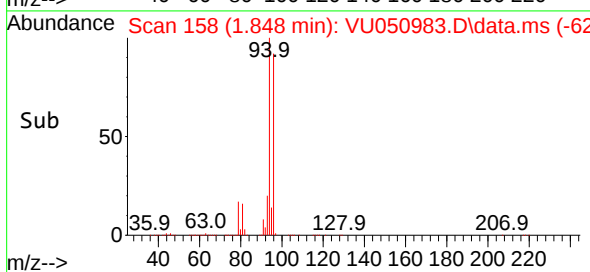
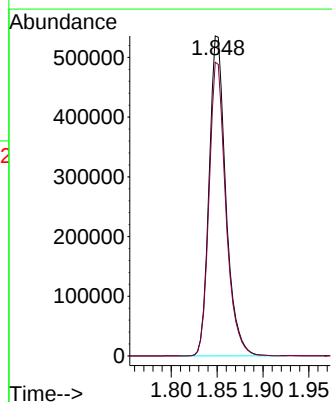
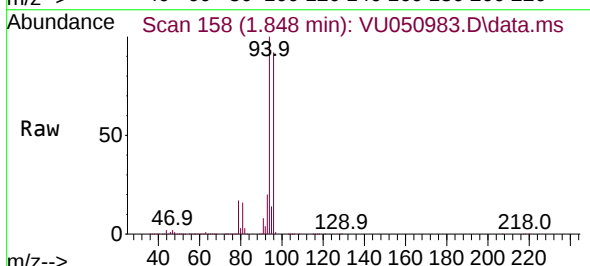
Instrument :
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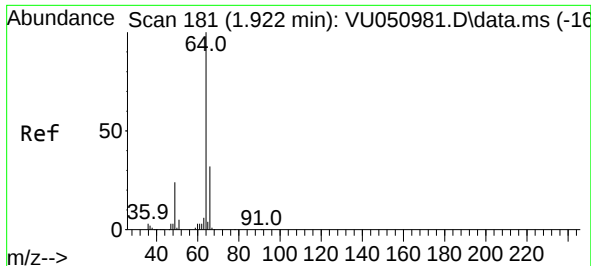
Tgt Ion: 62 Resp: 784557
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.5 43.7



#6
 Bromomethane
 Concen: 255.563 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.010 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

Tgt Ion: 94 Resp: 678565
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.9 118.7

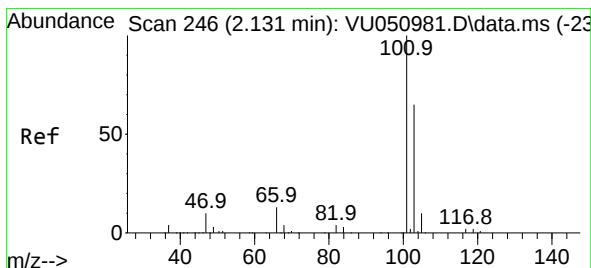
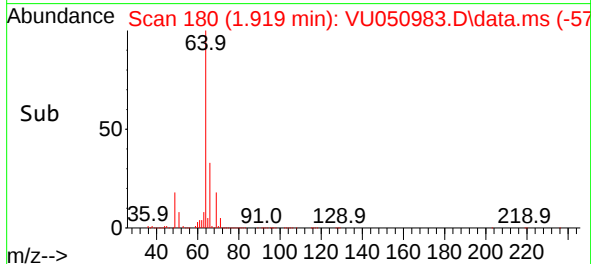
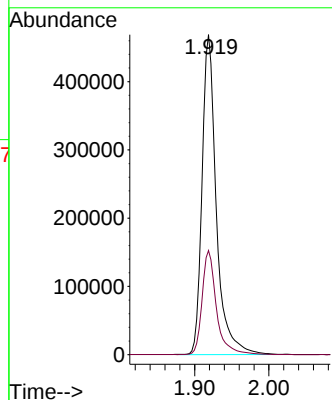
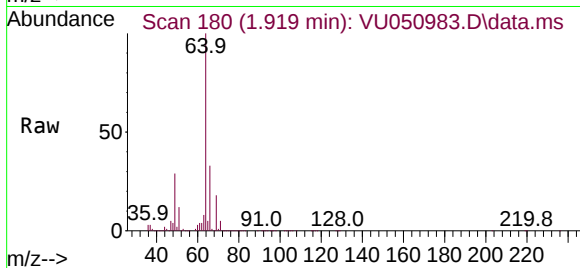




#8
Chloroethane
Concen: 230.437 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

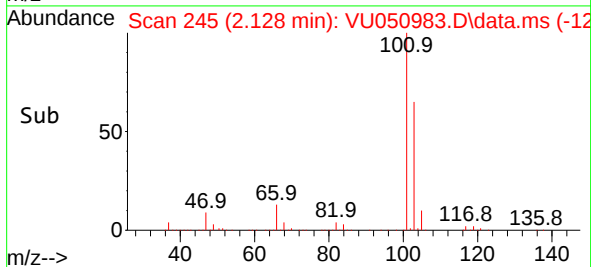
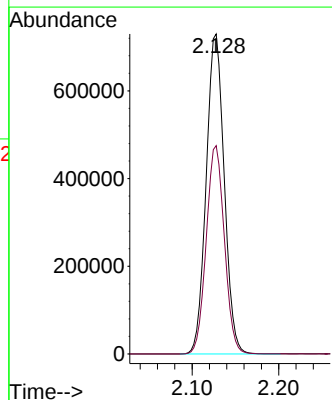
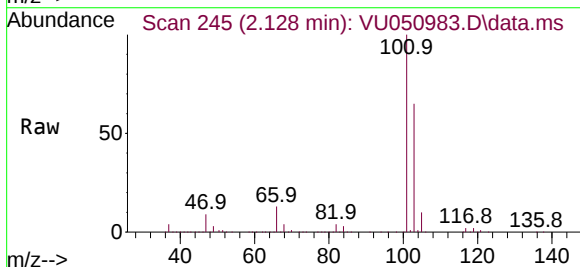
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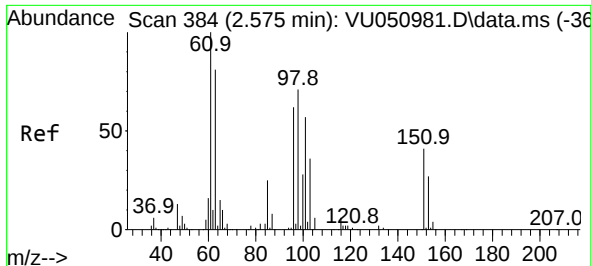
Tgt Ion: 64 Resp: 626293
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 196.008 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion:101 Resp: 1056710
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6





#10

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

Concen: 173.445 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

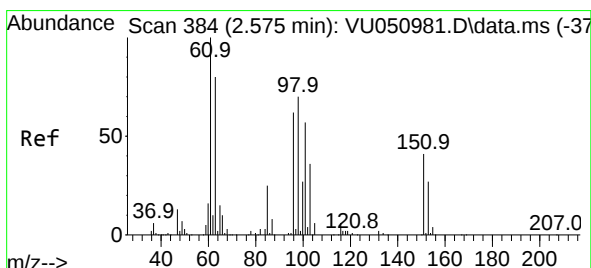
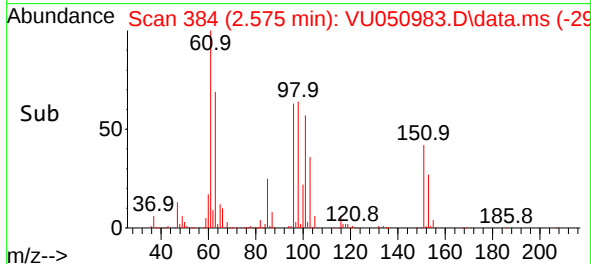
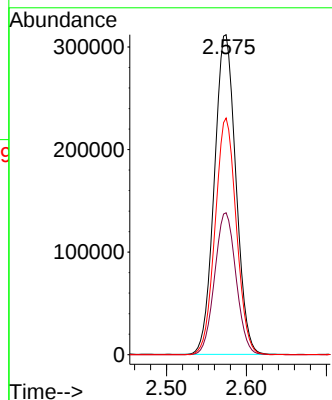
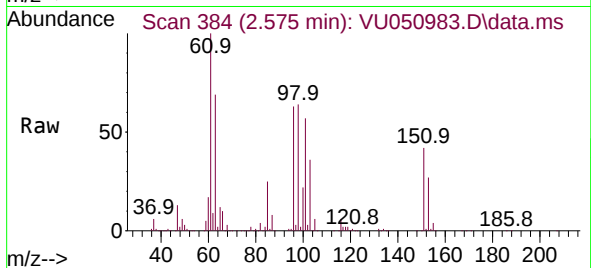
Tgt Ion:101 Resp: 582770

Ion Ratio Lower Upper

101 100

85 44.1 34.6 52.0

151 72.8 58.6 87.8



#12

1,1-Dichloroethene

Concen: 180.013 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

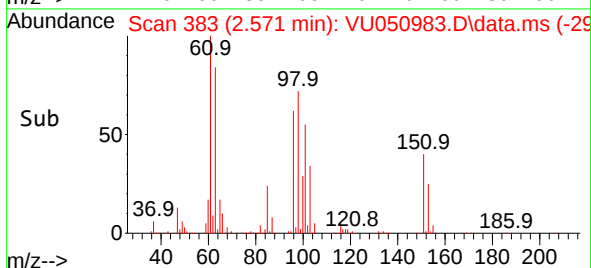
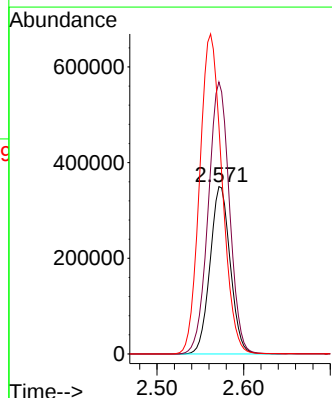
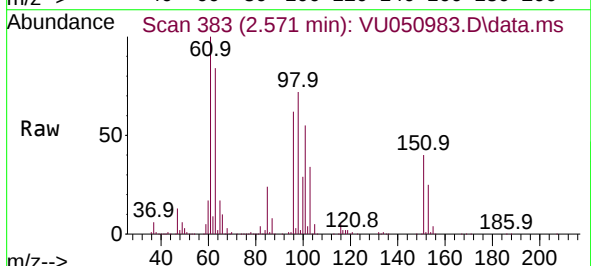
Tgt Ion: 96 Resp: 566197

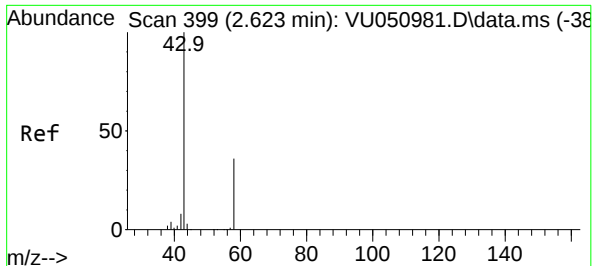
Ion Ratio Lower Upper

96 100

61 162.5 113.0 209.9

63 136.2 91.7 170.3





#13

Acetone

Concen: 292.763 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

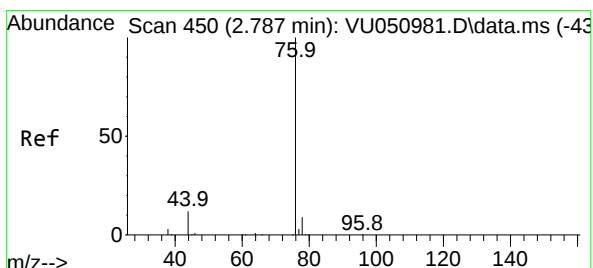
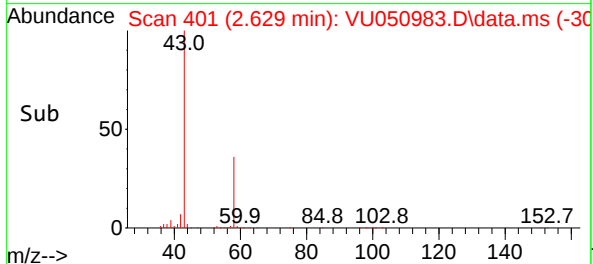
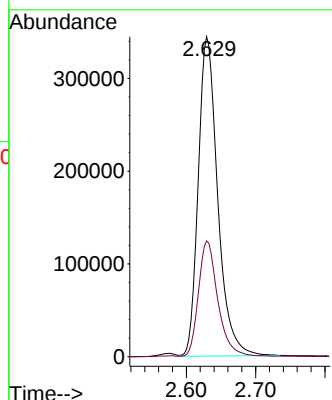
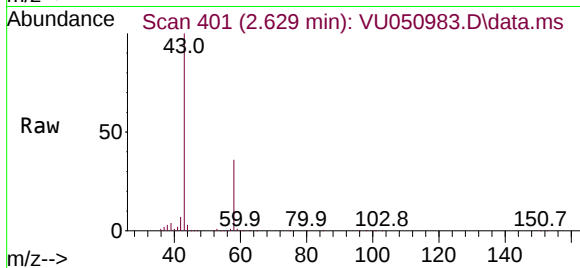
ClientSampleId :

Tgt Ion: 43 Resp: 672069

Ion Ratio Lower Upper

43 100

58 35.8 0.0 73.6



#14

Carbon disulfide

Concen: 163.509 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU050983.D

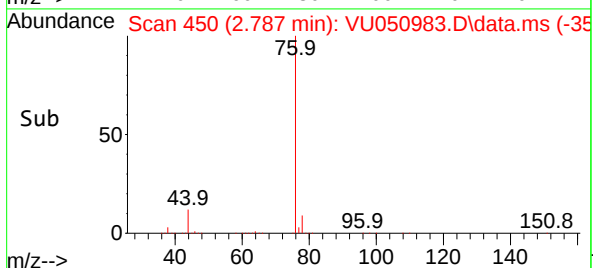
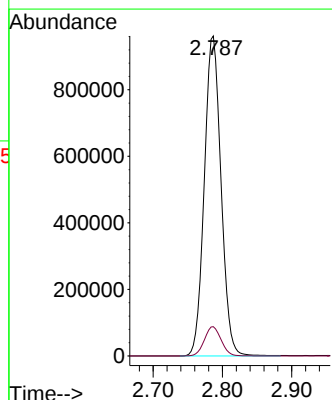
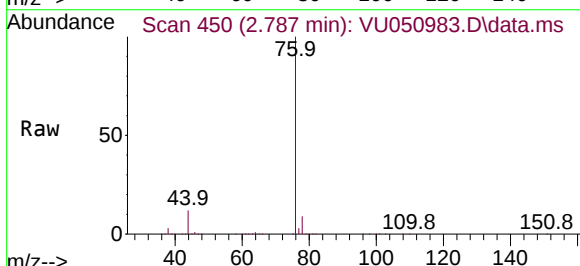
Acq: 29 Sep 2022 16:27

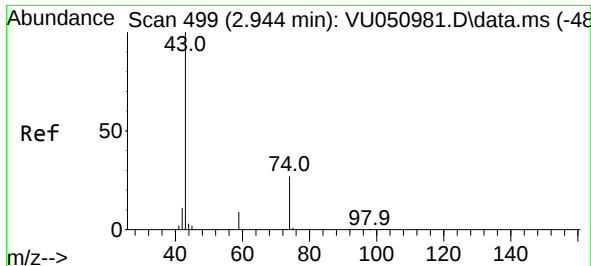
Tgt Ion: 76 Resp: 1609375

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

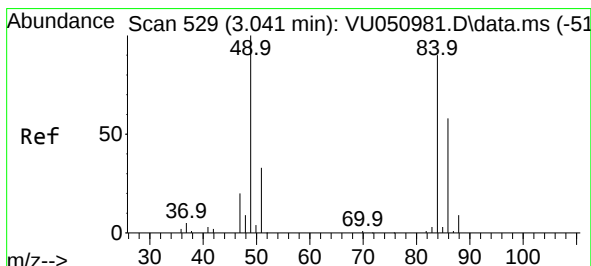
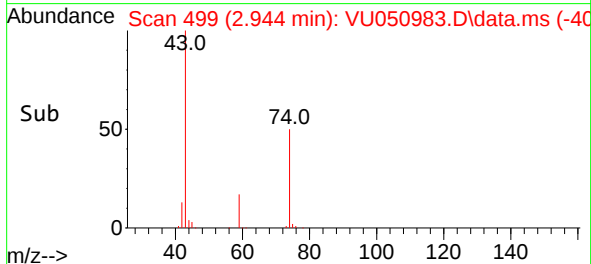
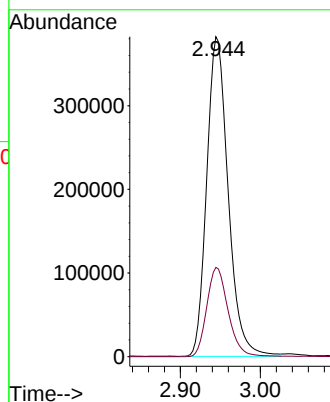
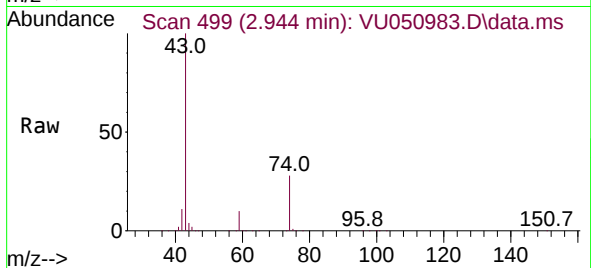




#15
Methyl Acetate
Concen: 164.018 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

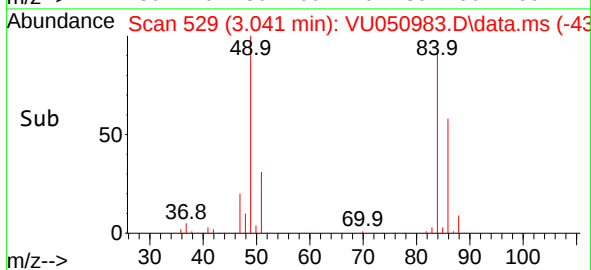
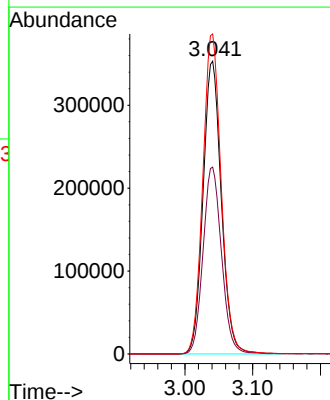
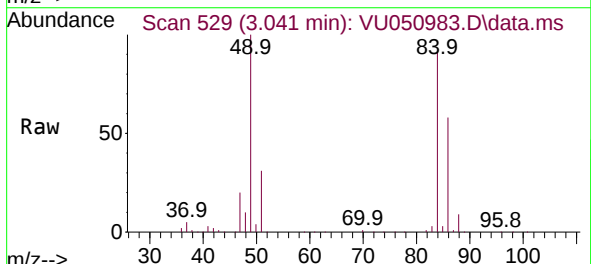
Instrument :
MSVOA_U
ClientSampleId :

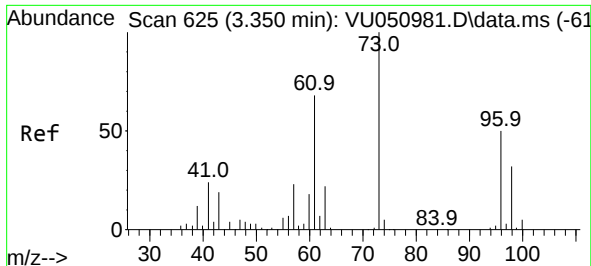
Tgt Ion: 43 Resp: 711313
Ion Ratio Lower Upper
43 100
74 27.9 22.4 33.6



#16
Methylene chloride
Concen: 150.186 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

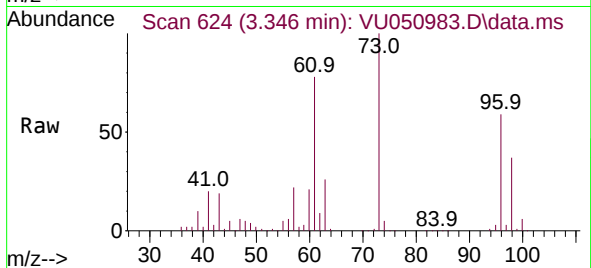
Tgt Ion: 84 Resp: 660091
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.4
49 109.3 78.3 145.3



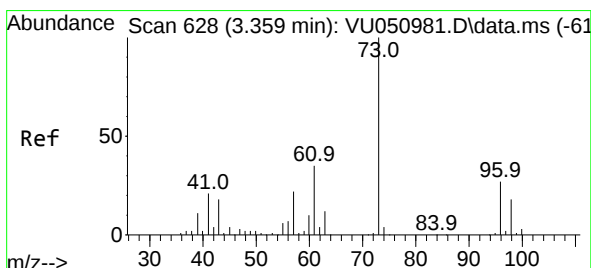
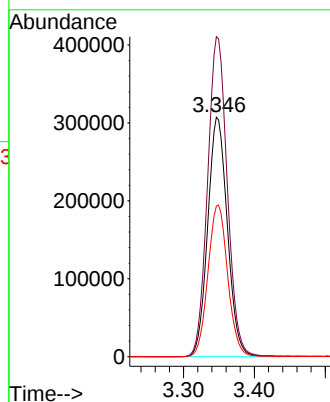
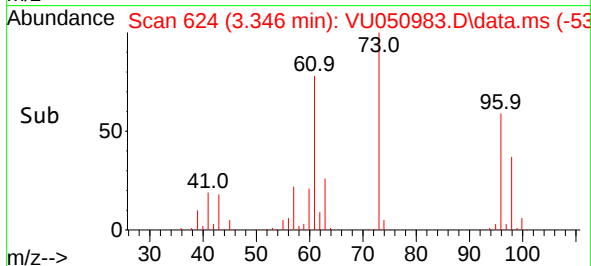


#17
trans-1,2-Dichloroethene
Concen: 183.477 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

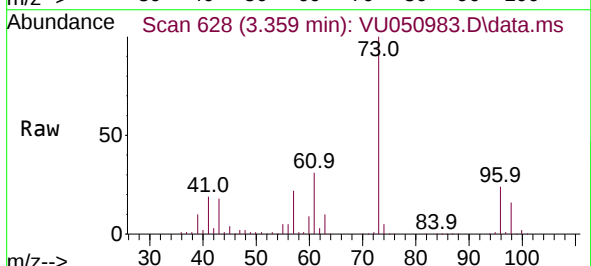
Instrument :
MSVOA_U
ClientSampleId :



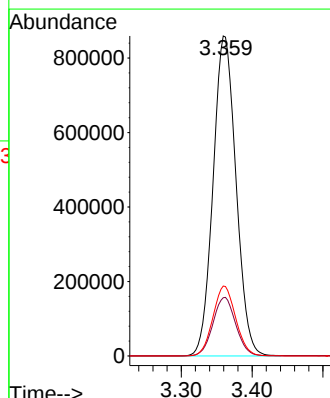
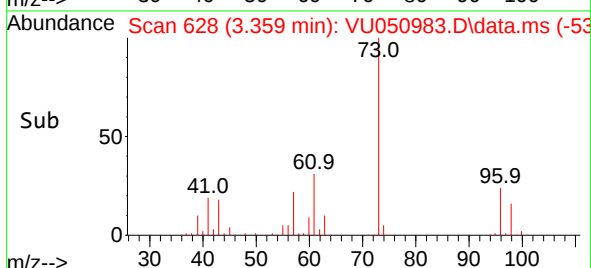
Tgt Ion: 96 Resp: 593180
Ion Ratio Lower Upper
96 100
61 133.6 95.1 176.5
98 62.9 45.1 83.7

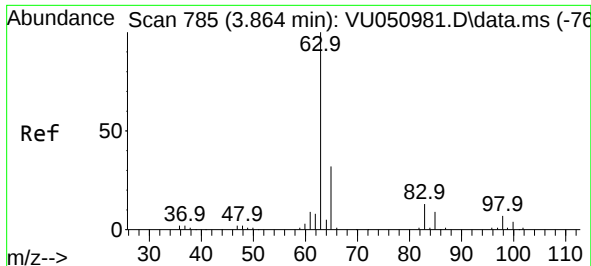


#18
Methyl tert-butyl Ether
Concen: 195.494 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27



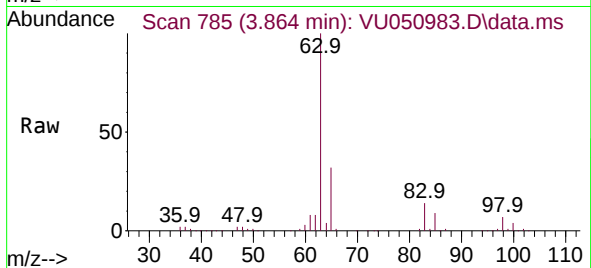
Tgt Ion: 73 Resp: 1933806
Ion Ratio Lower Upper
73 100
43 18.1 14.7 22.1
57 21.7 17.5 26.3





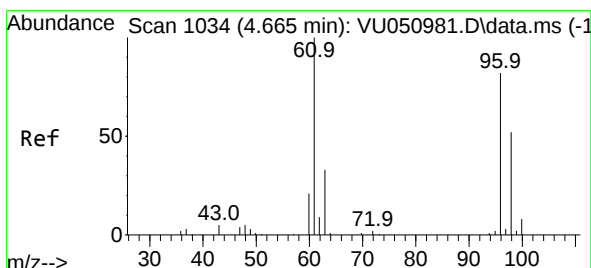
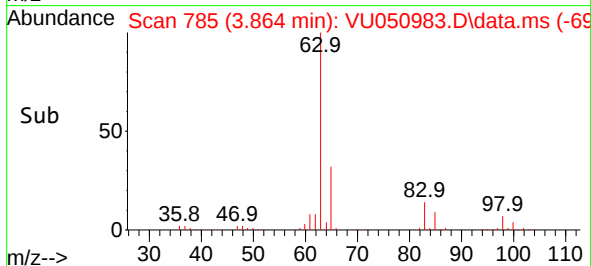
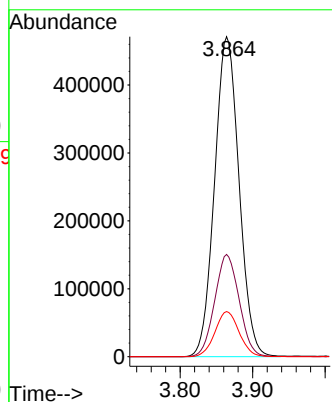
#19
1,1-Dichloroethane
Concen: 169.989 ug/L
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 1104346

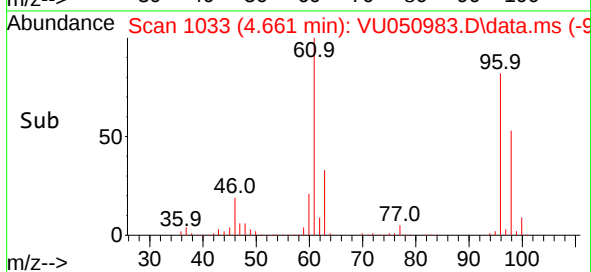
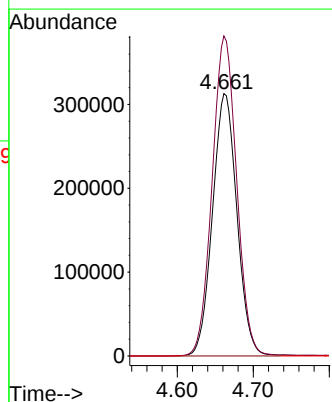
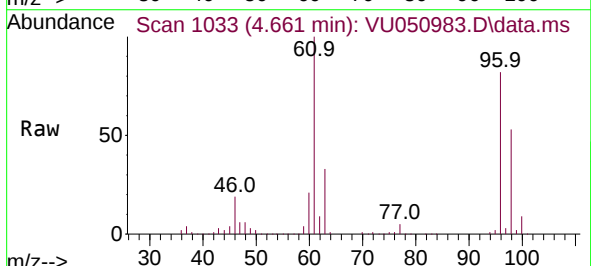
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.6	42.0
83	14.1	9.4	17.4

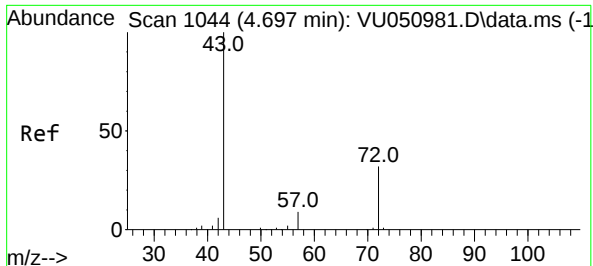


#20
cis-1,2-Dichloroethene
Concen: 194.164 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 96 Resp: 698136

Ion	Ratio	Lower	Upper
96	100		
61	121.9	85.4	158.6
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 370.209 ug/L

RT: 4.700 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

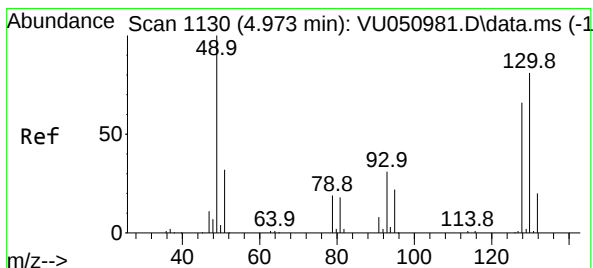
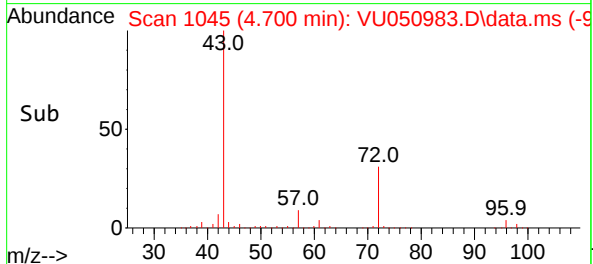
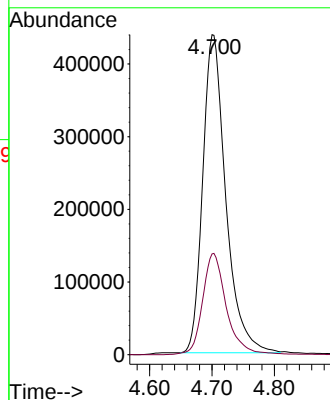
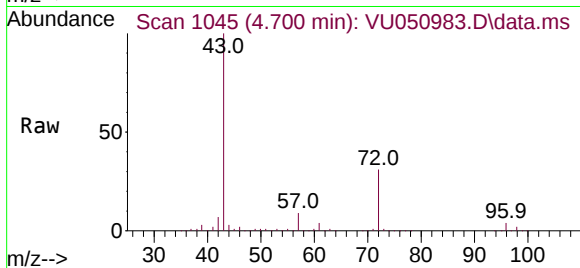
ClientSampleId :

Tgt Ion: 43 Resp: 1124751

Ion Ratio Lower Upper

43 100

72 33.0 15.8 47.4



#23

Bromochloromethane

Concen: 186.861 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Tgt Ion:128 Resp: 356691

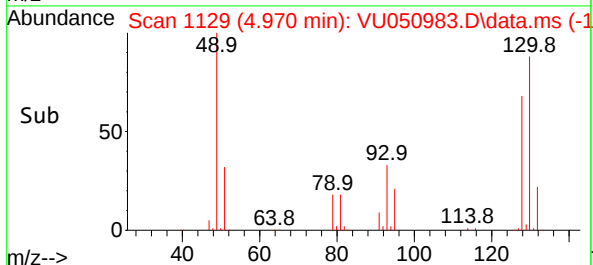
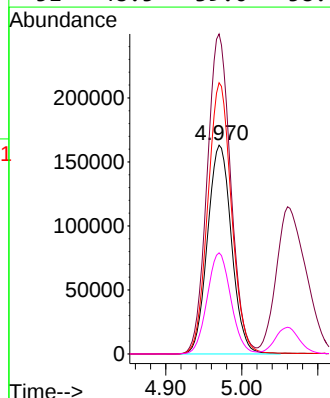
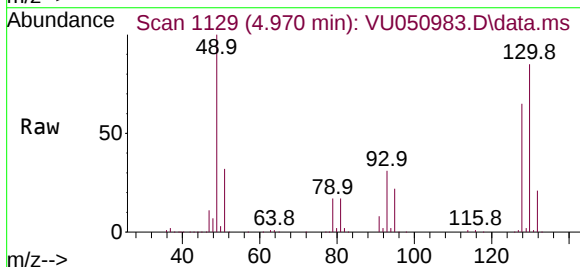
Ion Ratio Lower Upper

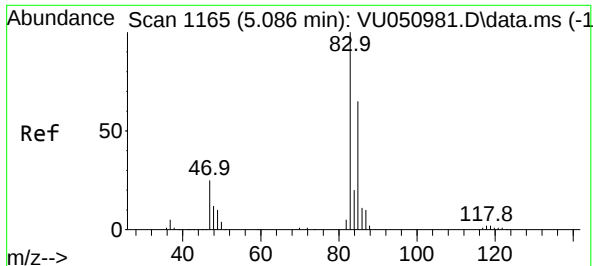
128 100

49 153.3 106.9 198.5

130 129.9 86.2 160.0

51 48.5 39.0 58.4





#25

Chloroform

Concen: 182.030 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

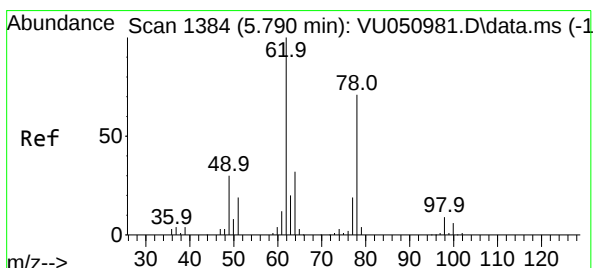
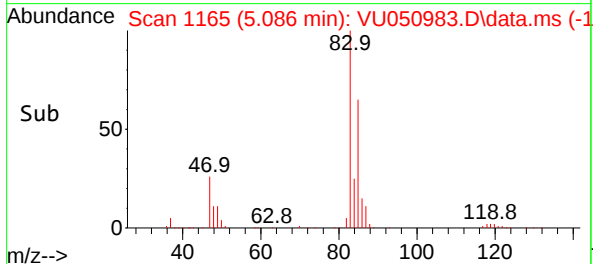
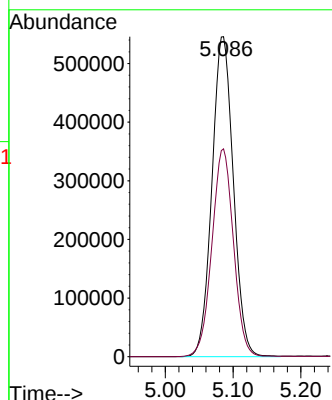
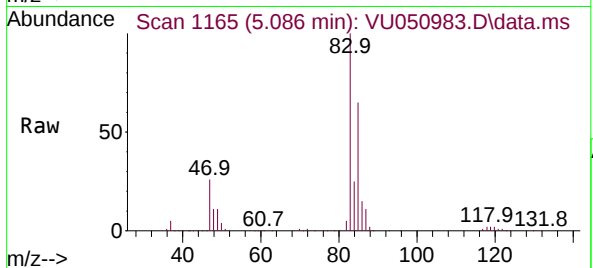
ClientSampleId :

Tgt Ion: 83 Resp: 1196892

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 182.708 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU050983.D

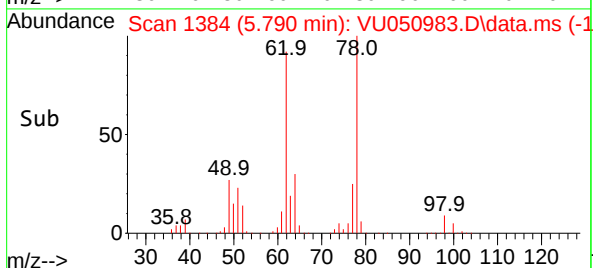
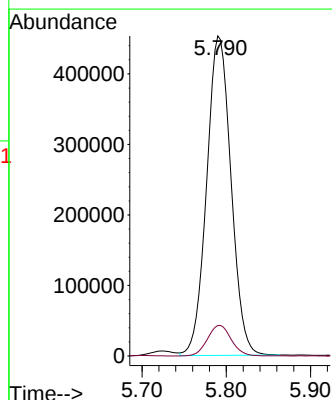
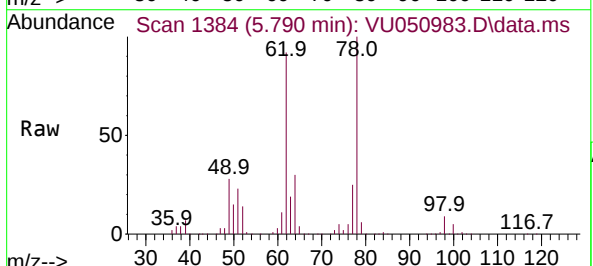
Acq: 29 Sep 2022 16:27

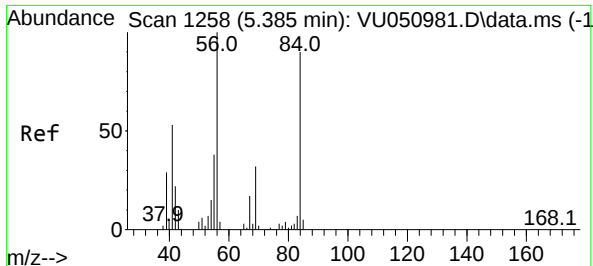
Tgt Ion: 62 Resp: 911280

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9





#29

Cyclohexane

Concen: 173.985 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

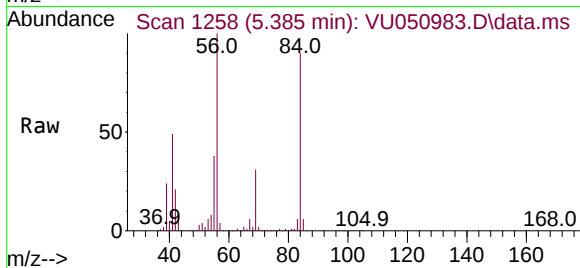
Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :



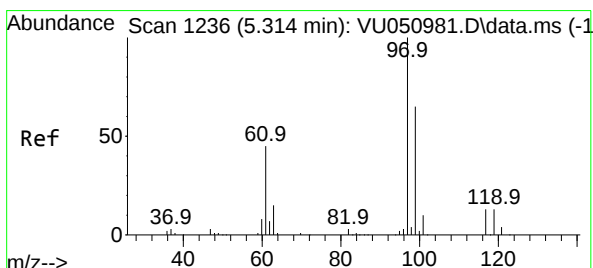
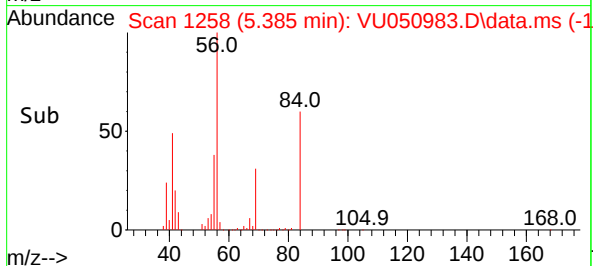
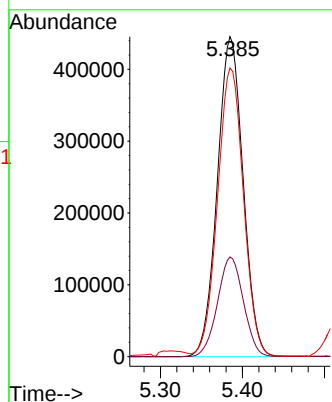
Tgt Ion: 56 Resp: 973201

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 90.5 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 177.816 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

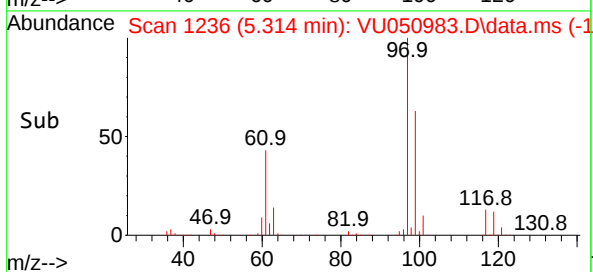
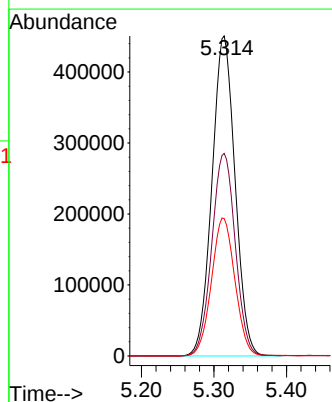
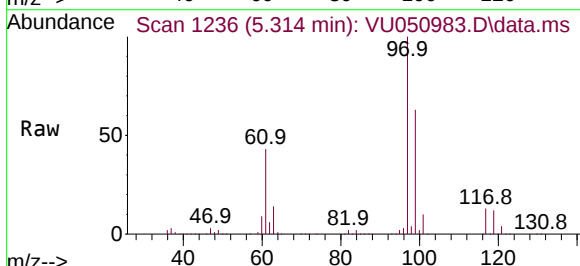
Tgt Ion: 97 Resp: 999028

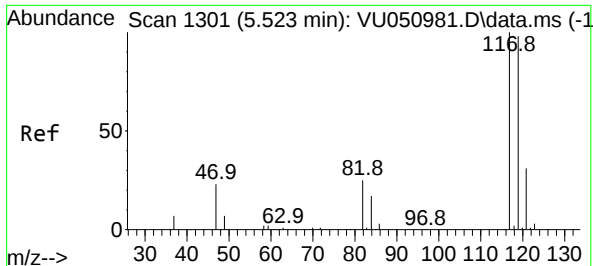
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 43.7 36.0 54.0

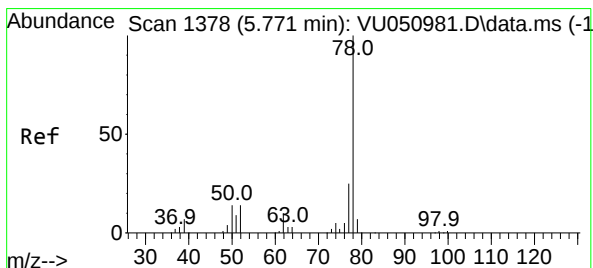
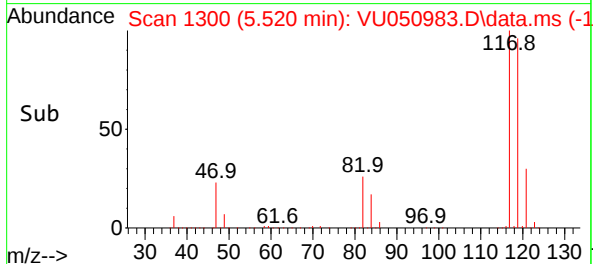
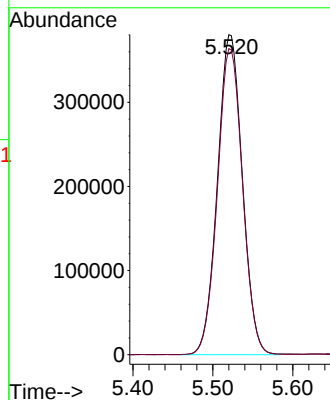
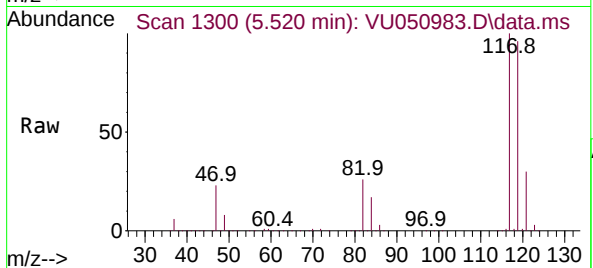




#31
Carbon tetrachloride
Concen: 176.570 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

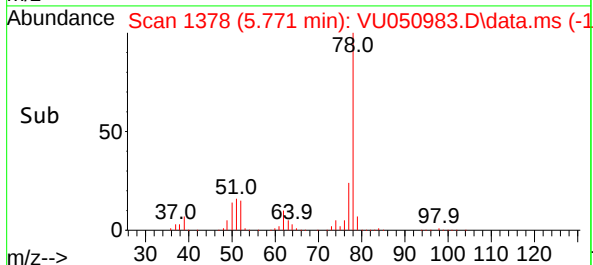
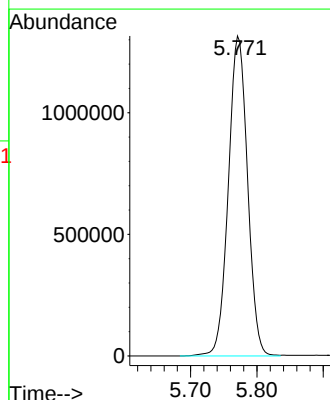
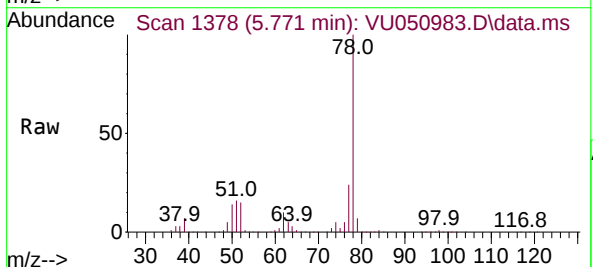
Instrument :
MSVOA_U
ClientSampleId :

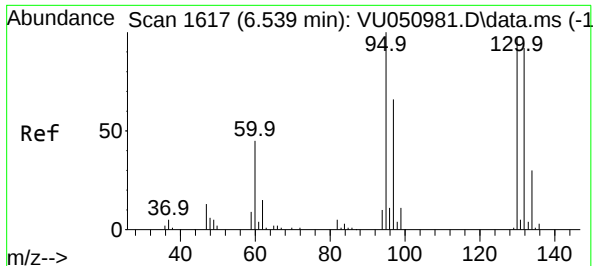
Tgt Ion:117 Resp: 822470
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5



#33
Benzene
Concen: 171.927 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 78 Resp: 2643094

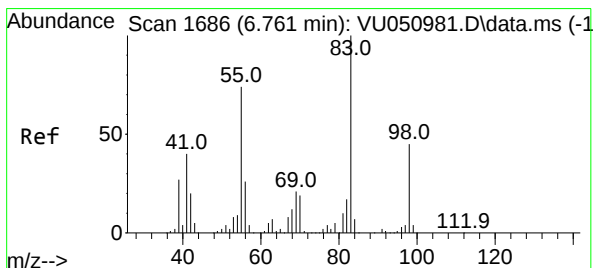
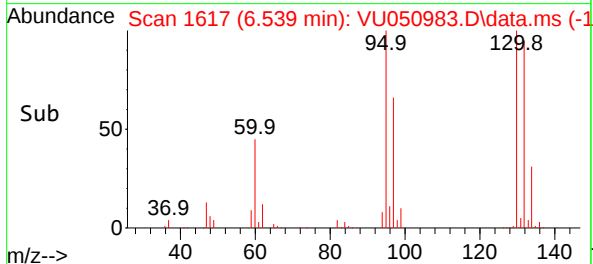
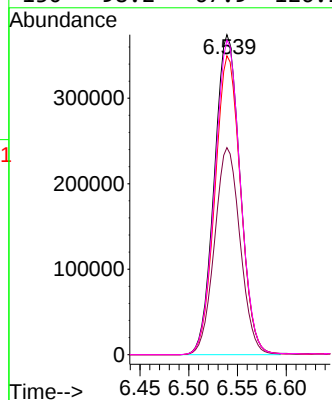
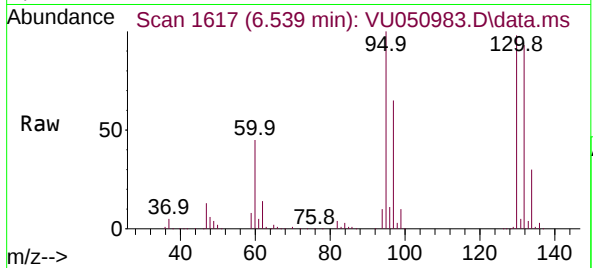




#34
Trichloroethene
Concen: 189.195 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

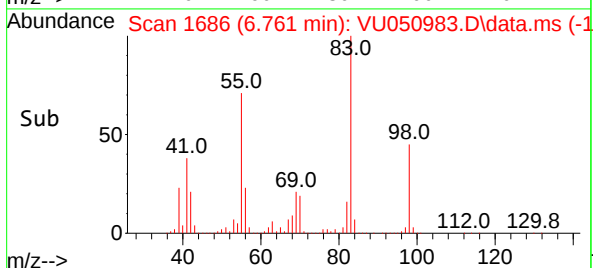
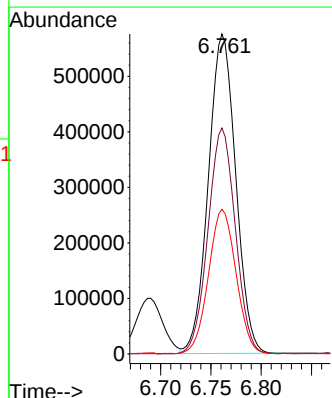
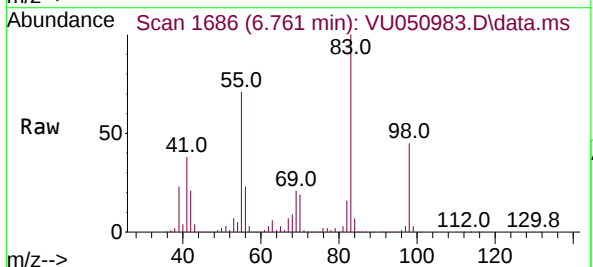
Instrument :
MSVOA_U
ClientSampleId :

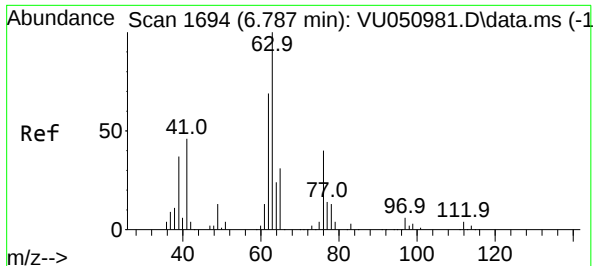
Tgt Ion: 95 Resp: 688474
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 93.4 64.0 119.0
130 98.2 67.9 126.1



#35
Methylcyclohexane
Concen: 191.625 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 83 Resp: 1089415
Ion Ratio Lower Upper
83 100
55 70.7 59.3 88.9
98 45.6 36.0 54.0





#37

1,2-Dichloropropane

Concen: 164.191 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

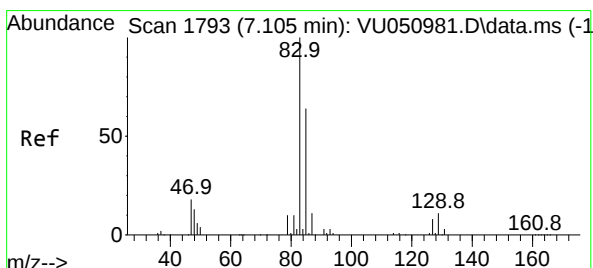
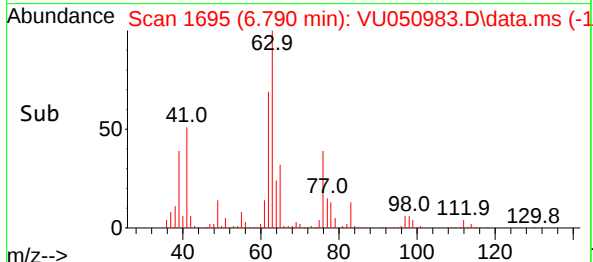
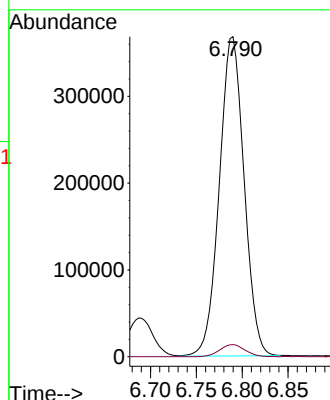
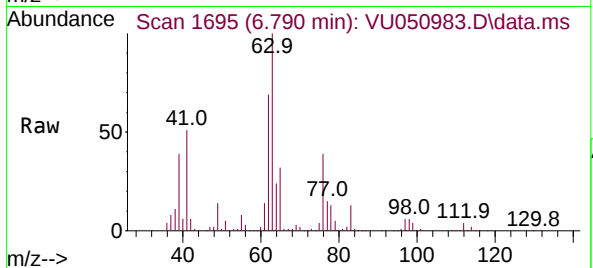
ClientSampleId :

Tgt Ion: 63 Resp: 690186

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 181.461 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

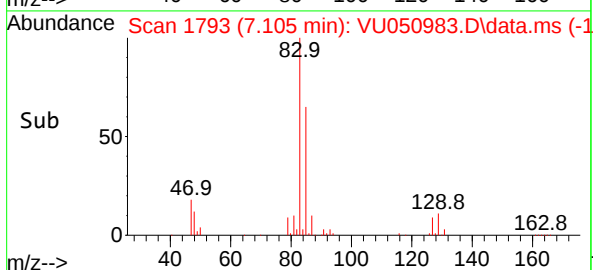
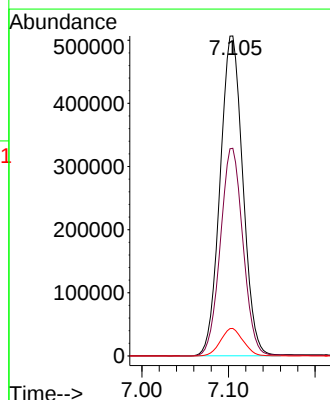
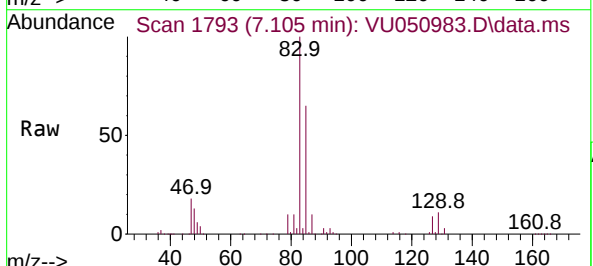
Tgt Ion: 83 Resp: 925179

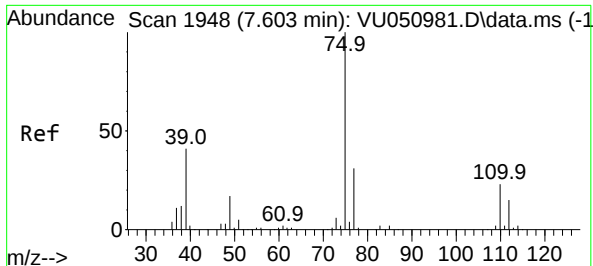
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 197.664 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

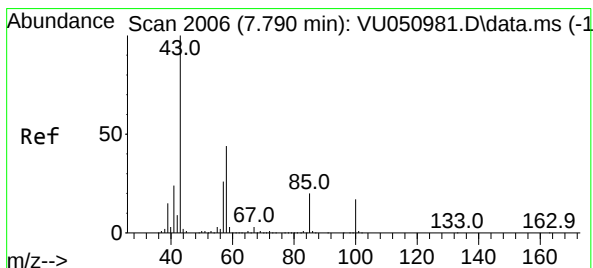
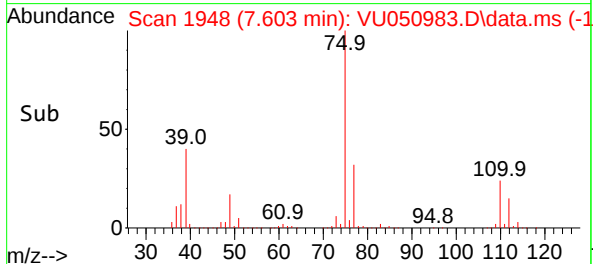
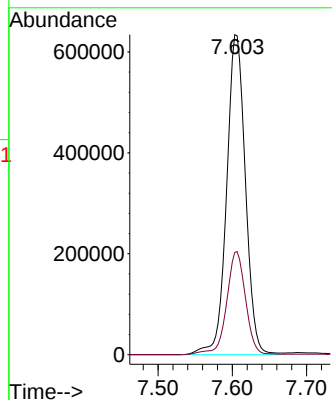
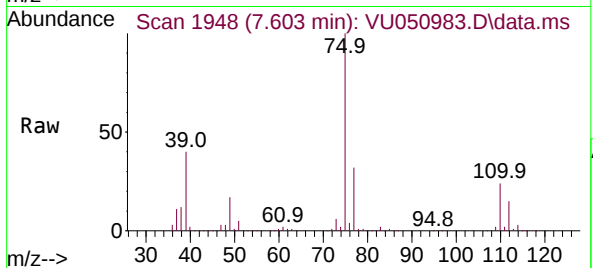
ClientSampleId :

Tgt Ion: 75 Resp: 1116832

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 387.904 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

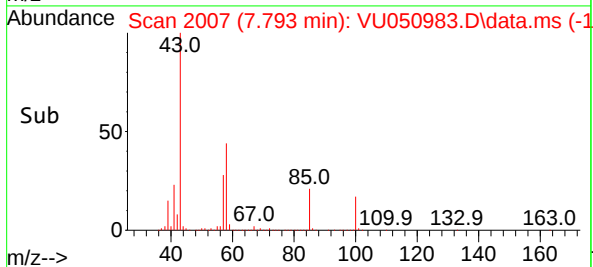
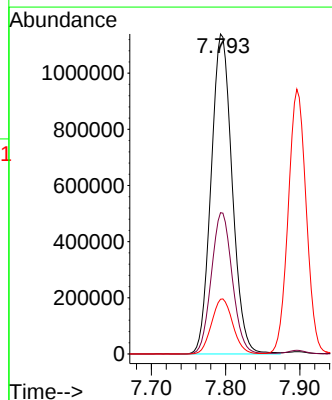
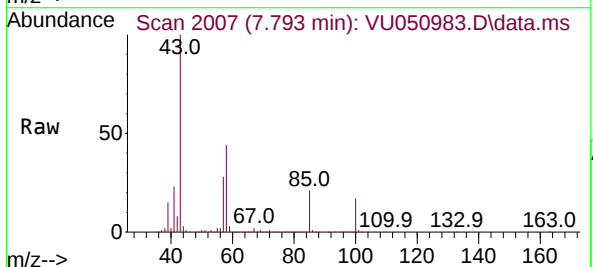
Tgt Ion: 43 Resp: 2242662

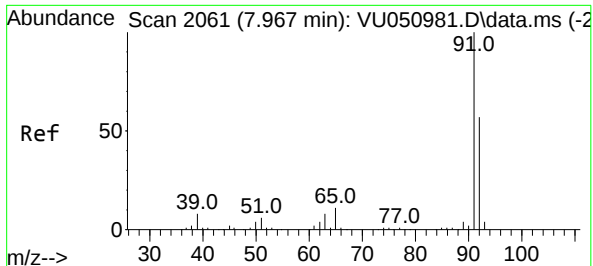
Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.4

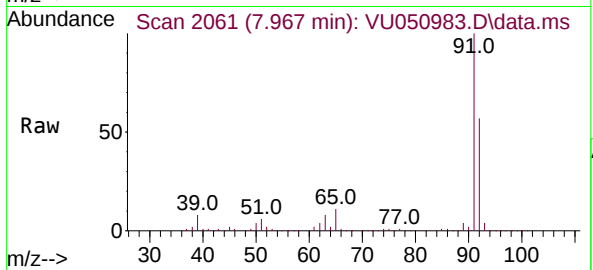
100 17.3 13.3 19.9



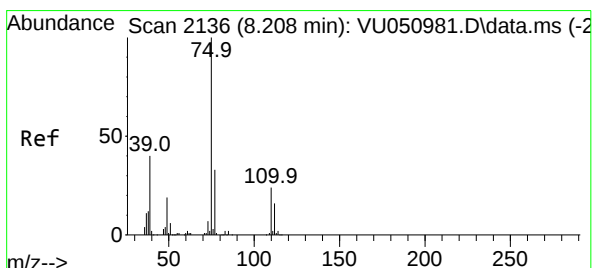
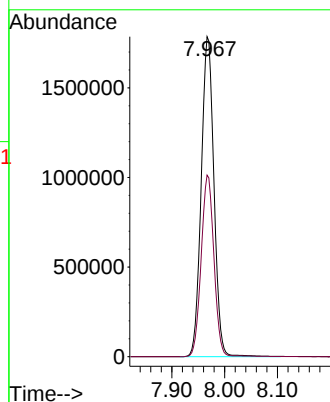
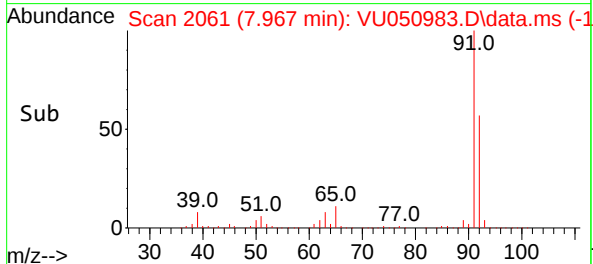


#42
Toluene
Concen: 193.994 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :

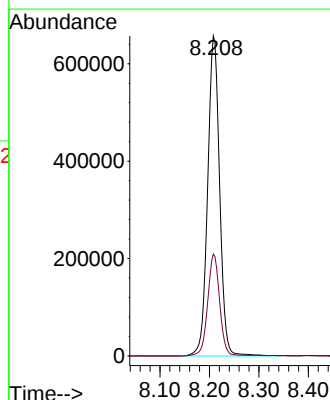
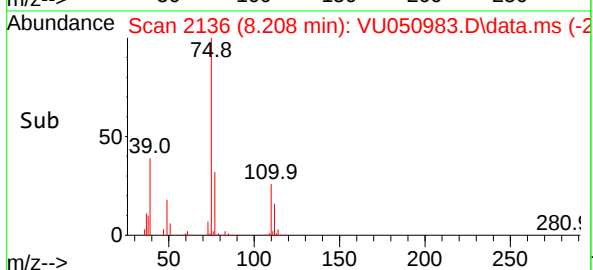
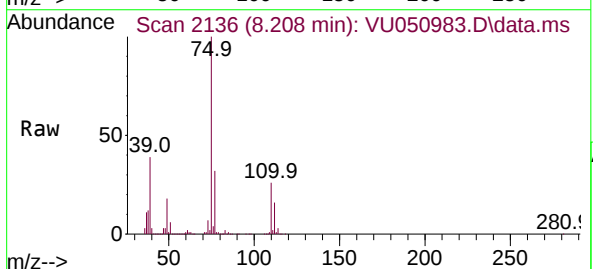


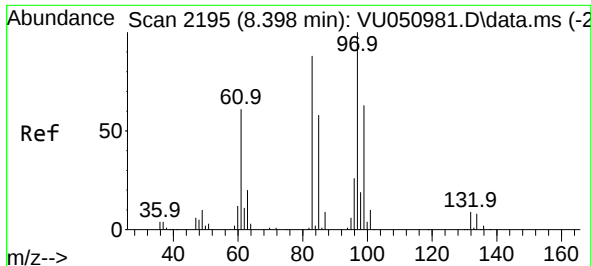
Tgt Ion: 91 Resp: 2982817
Ion Ratio Lower Upper
91 100
92 56.8 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 203.520 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 75 Resp: 1100969
Ion Ratio Lower Upper
75 100
77 31.9 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 184.710 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 732178

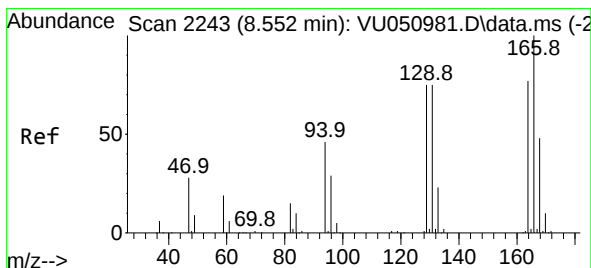
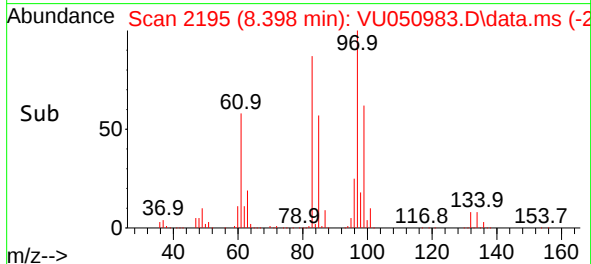
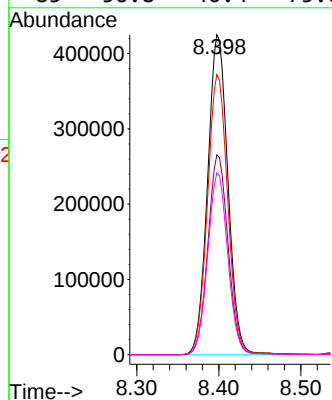
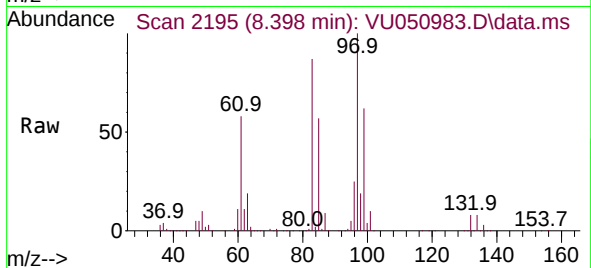
Ion Ratio Lower Upper

97 100

99 62.4 44.4 82.4

83 87.5 61.7 114.5

85 56.8 40.4 75.0



#46

Tetrachloroethene

Concen: 193.087 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Tgt Ion:164 Resp: 507595

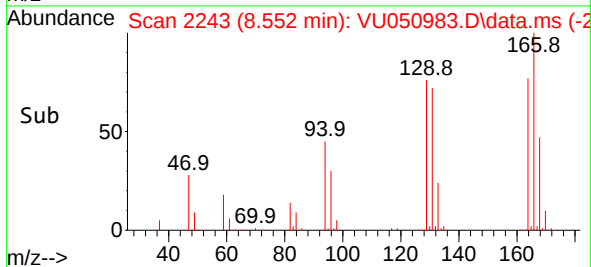
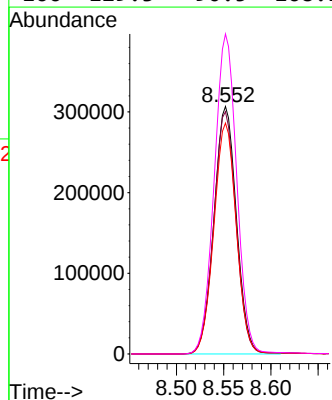
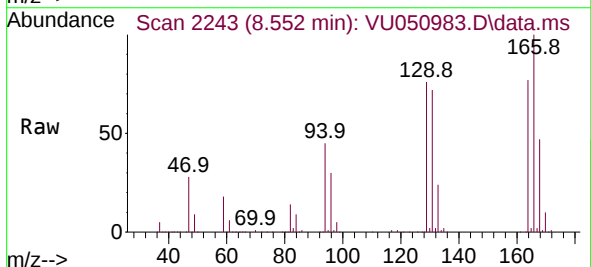
Ion Ratio Lower Upper

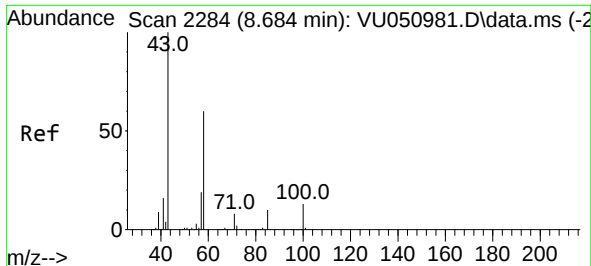
164 100

129 97.9 68.1 126.5

131 93.3 67.8 126.0

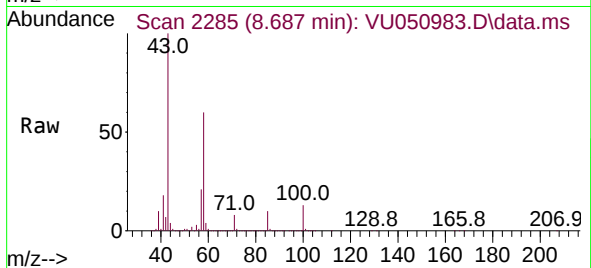
166 129.3 90.5 168.1





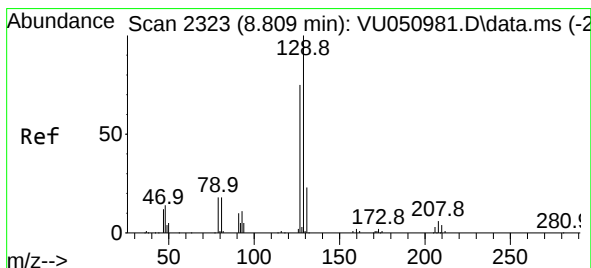
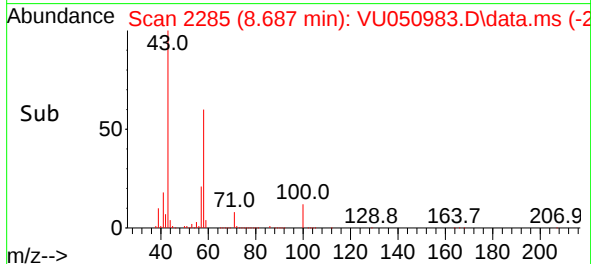
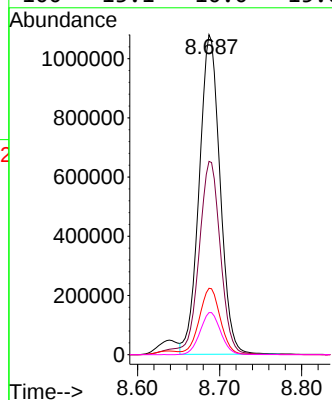
#48
2-Hexanone
Concen: 386.767 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1901231

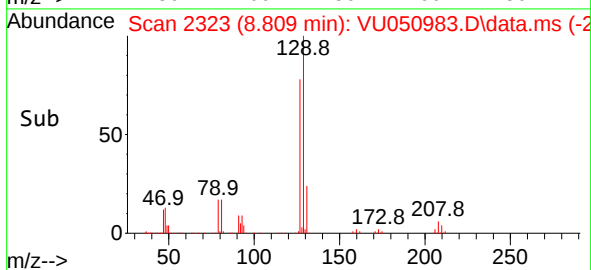
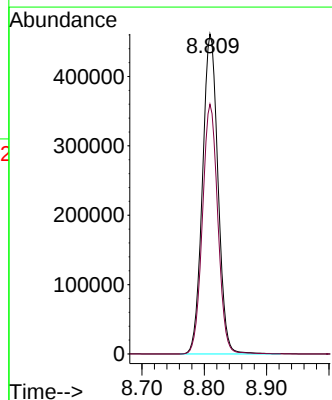
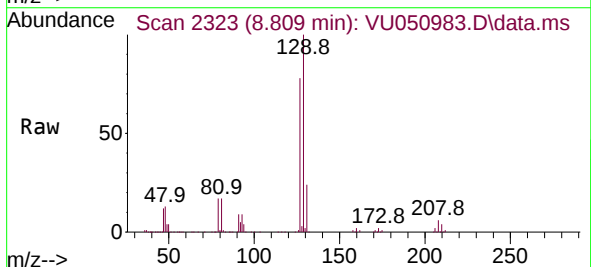
Ion	Ratio	Lower	Upper
43	100		
58	63.2	48.3	72.5
57	21.1	15.9	23.9
100	13.1	10.0	15.0

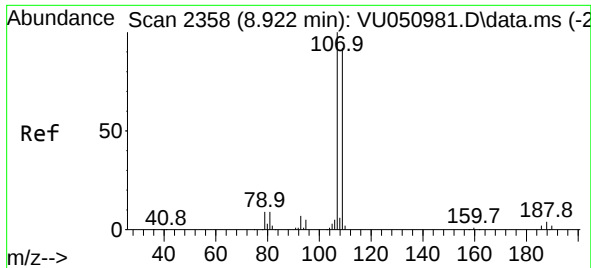


#49
Dibromochloromethane
Concen: 203.105 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 129 Resp: 798291

Ion	Ratio	Lower	Upper
129	100		
127	78.0	52.8	98.0

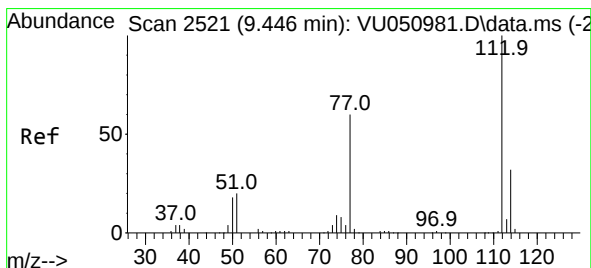
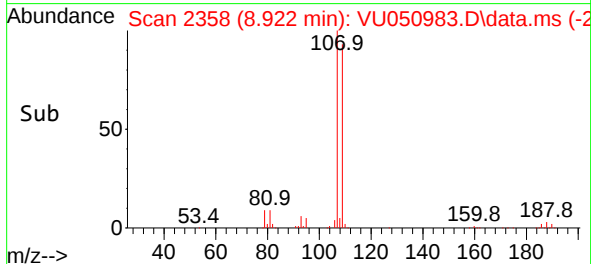
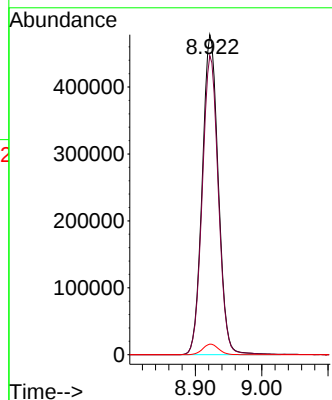
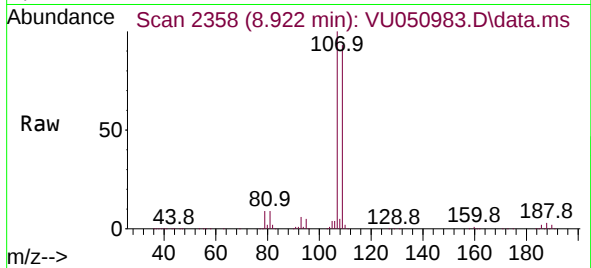




#50
 1,2-Dibromoethane
 Concen: 194.591 ug/L
 RT: 8.922 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

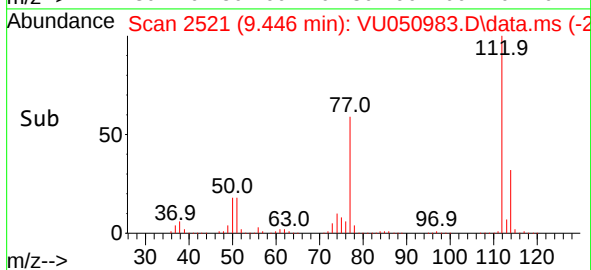
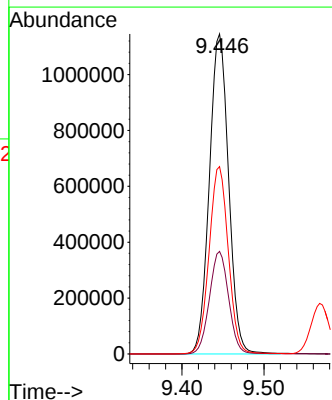
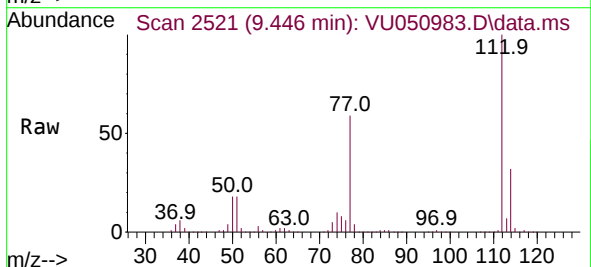
Instrument :
 MSVOA_U
 ClientSampleId :

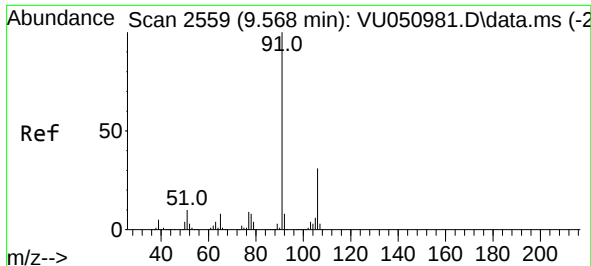
Tgt Ion:107 Resp: 802818
 Ion Ratio Lower Upper
 107 100
 109 93.5 64.1 119.1
 188 3.3 2.9 4.3



#51
 Chlorobenzene
 Concen: 194.924 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. -0.000 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

Tgt Ion:112 Resp: 1866250
 Ion Ratio Lower Upper
 112 100
 114 32.1 22.3 41.3
 77 58.6 48.2 72.2





#52

Ethylbenzene

Concen: 212.040 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

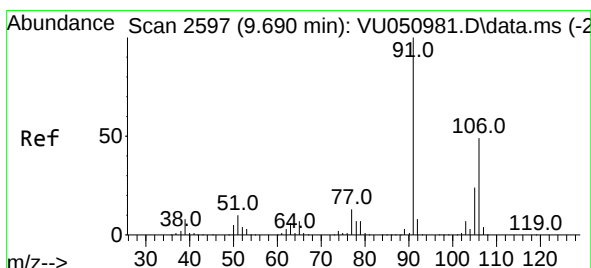
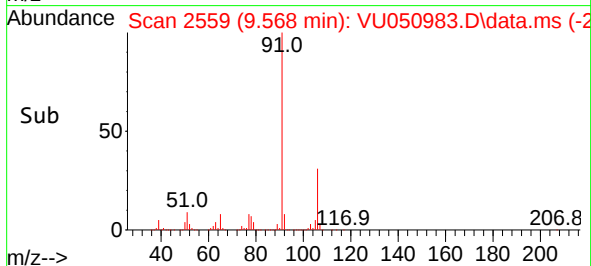
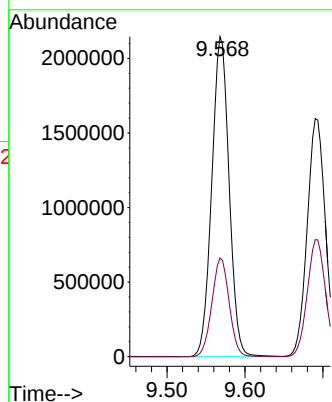
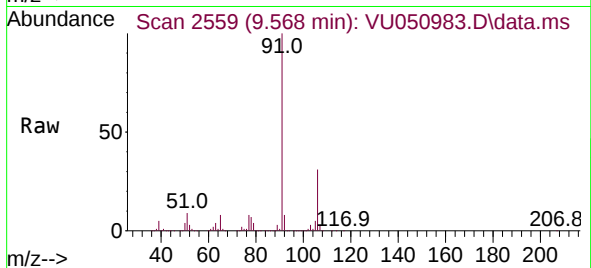
ClientSampleId :

Tgt Ion: 91 Resp: 3319513

Ion Ratio Lower Upper

91 100

106 30.8 21.7 40.3



#53

m,p-Xylene

Concen: 222.195 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU050983.D

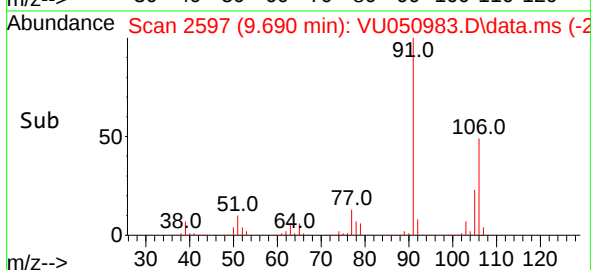
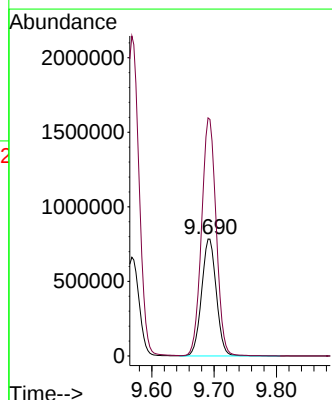
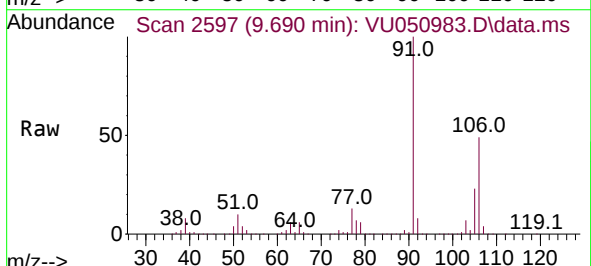
Acq: 29 Sep 2022 16:27

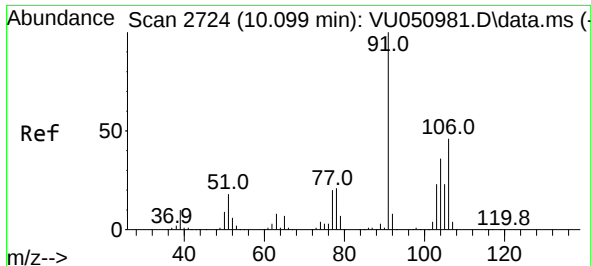
Tgt Ion:106 Resp: 1284033

Ion Ratio Lower Upper

106 100

91 203.5 141.9 263.5

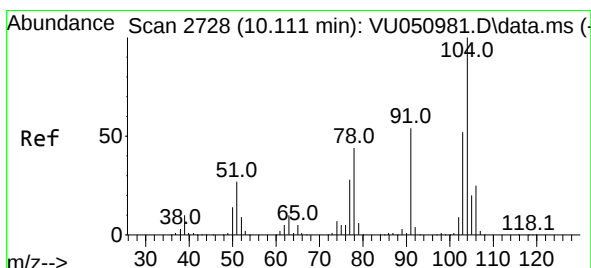
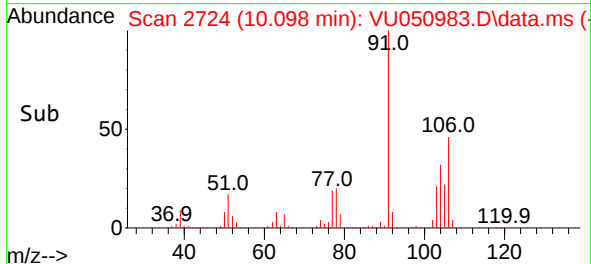
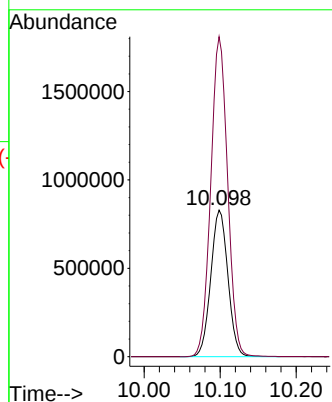
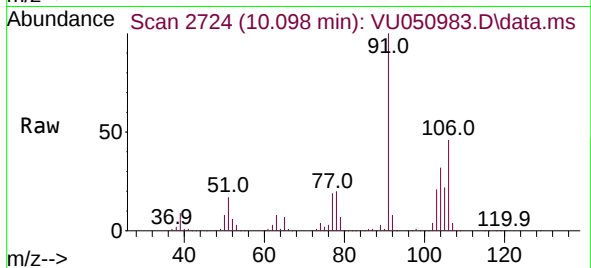




#54
o-Xylene
Concen: 224.046 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

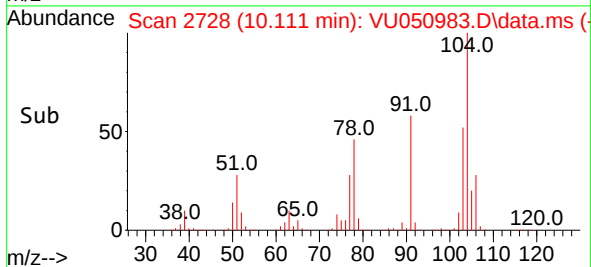
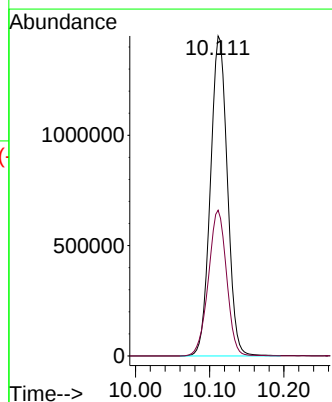
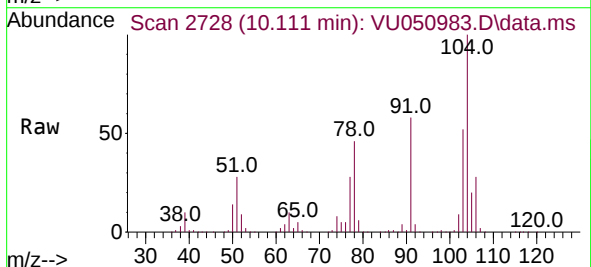
Instrument :
MSVOA_U
ClientSampleId :

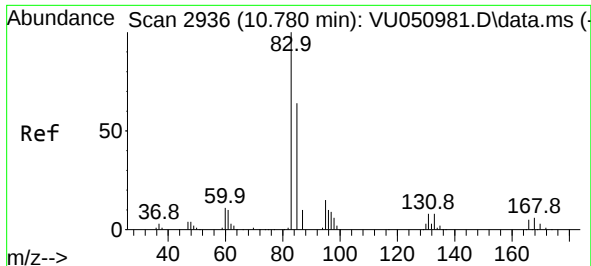
Tgt Ion:106 Resp: 1294377
Ion Ratio Lower Upper
106 100
91 218.3 152.4 283.0



#55
Styrene
Concen: 231.427 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion:104 Resp: 2296931
Ion Ratio Lower Upper
104 100
78 45.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 194.950 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

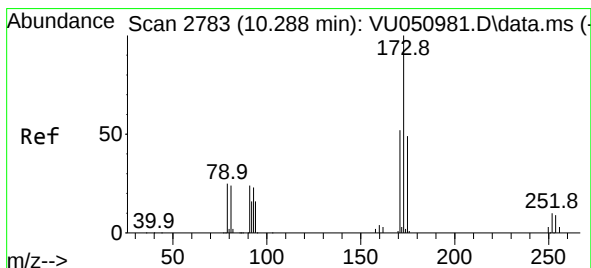
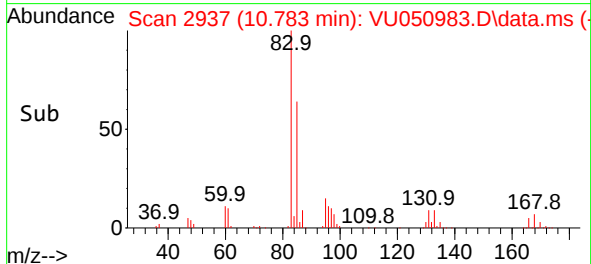
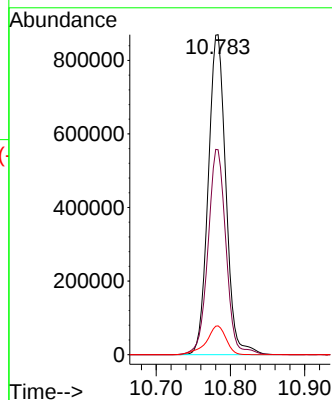
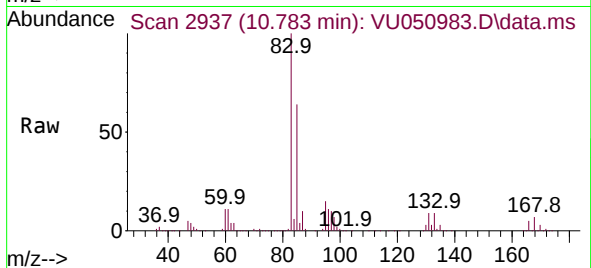
Tgt Ion: 83 Resp: 1431820

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

131 9.0 7.0 10.4



#59

Bromoform

Concen: 177.855 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

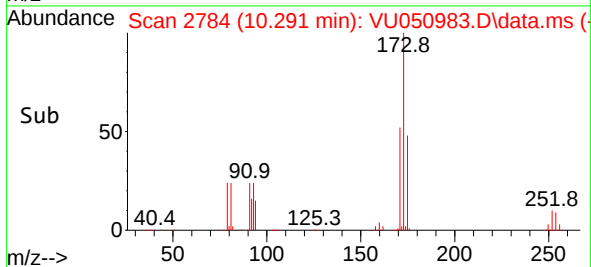
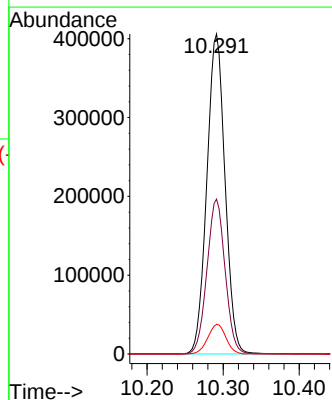
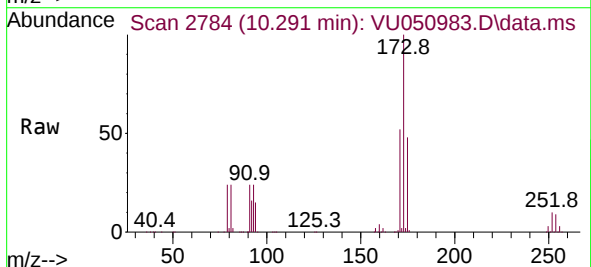
Tgt Ion:173 Resp: 673505

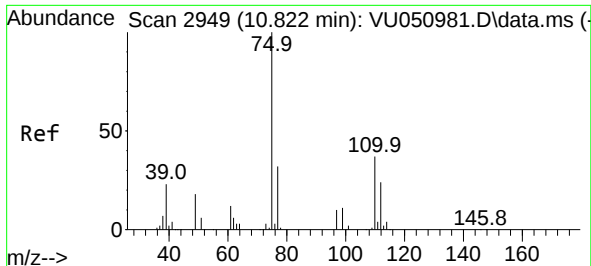
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.2 7.4 11.0

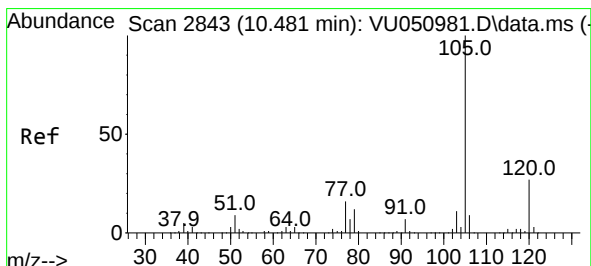
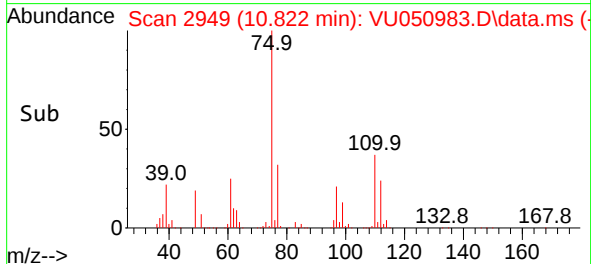
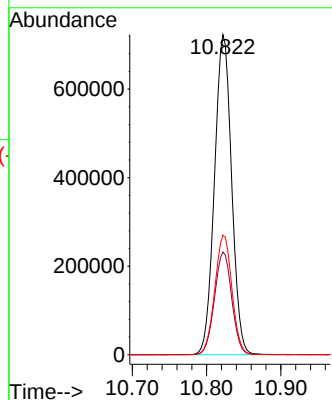
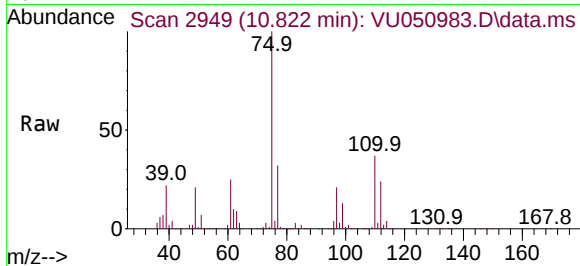




#60
1,2,3-Trichloropropane
Concen: 158.474 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

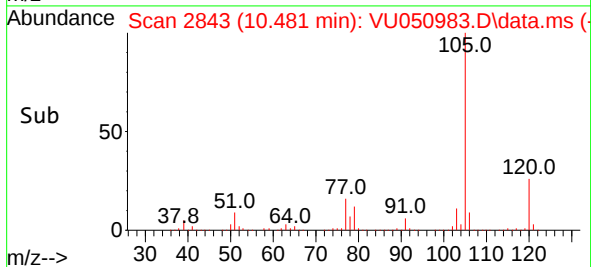
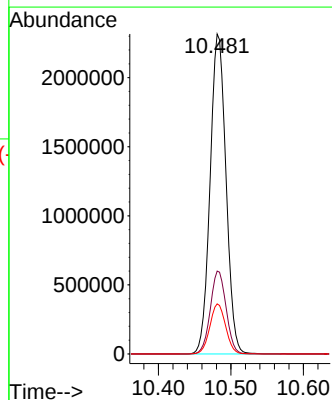
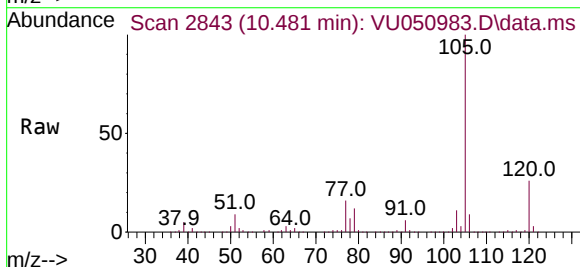
Instrument :
MSVOA_U
ClientSampleId :

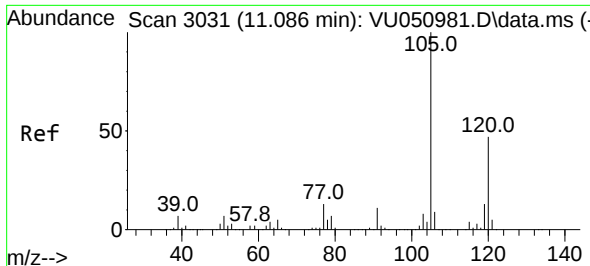
Tgt Ion: 75 Resp: 1158403
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 37.4 30.0 45.0



#61
Isopropylbenzene
Concen: 190.996 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 105 Resp: 3525530
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 15.6 12.8 19.2

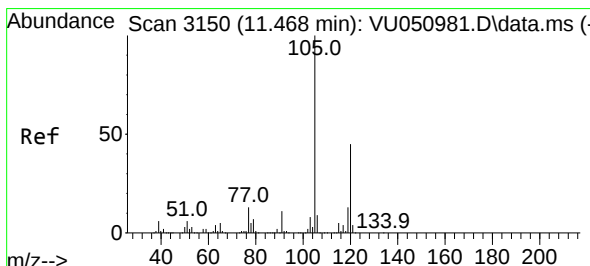
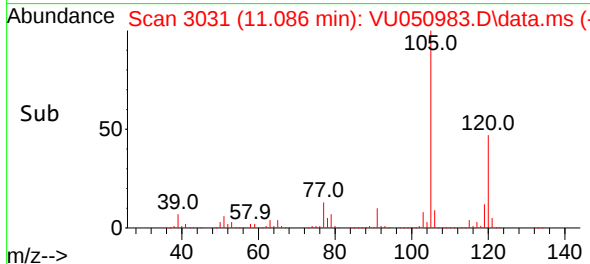
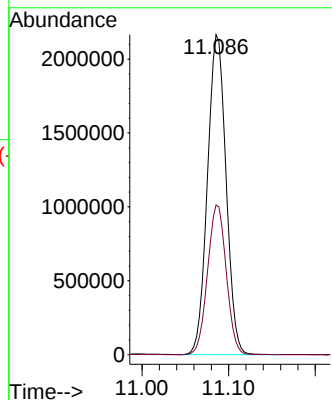
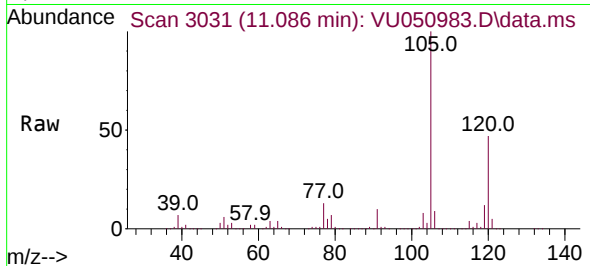




#62
 1,3,5-Trimethylbenzene
 Concen: 210.291 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

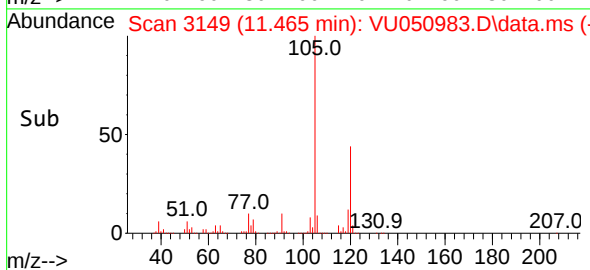
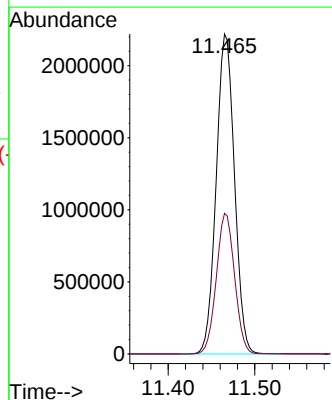
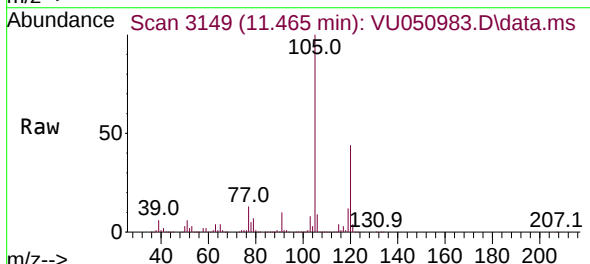
Instrument :
 MSVOA_U
 ClientSampleId :

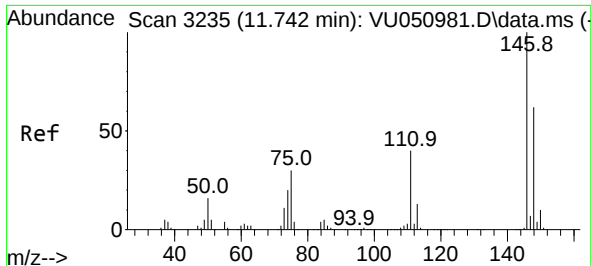
Tgt Ion:105 Resp: 3222456
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 217.142 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050983.D
 Acq: 29 Sep 2022 16:27

Tgt Ion:105 Resp: 3258283
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 196.741 ug/L

RT: 11.745 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

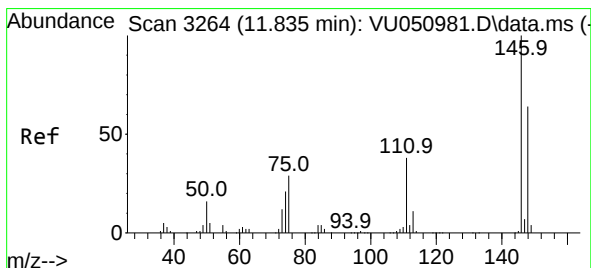
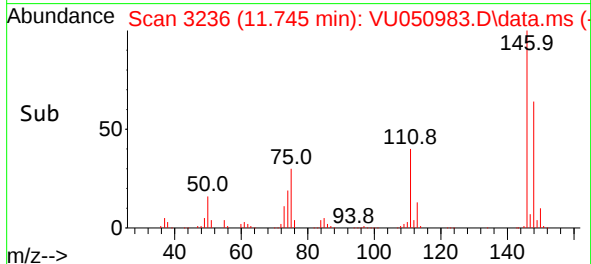
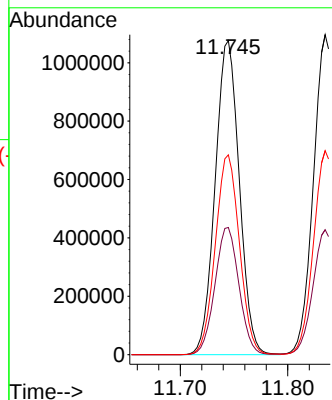
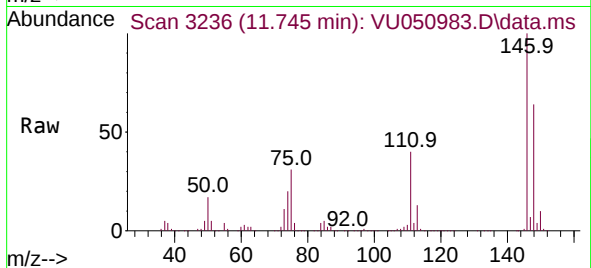
Tgt Ion:146 Resp: 1677630

Ion Ratio Lower Upper

146 100

111 40.5 28.2 52.4

148 63.7 43.5 80.9



#65

1,4-Dichlorobenzene

Concen: 191.600 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

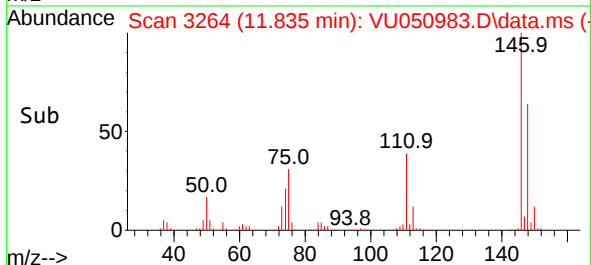
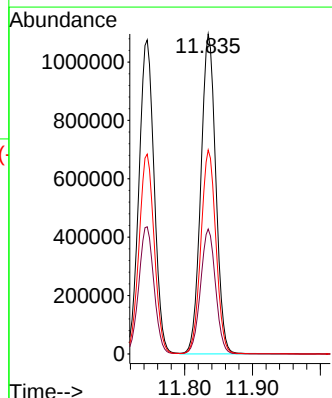
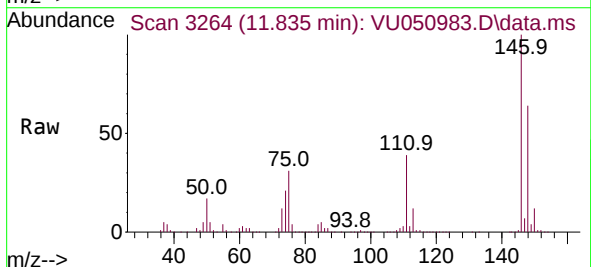
Tgt Ion:146 Resp: 1676789

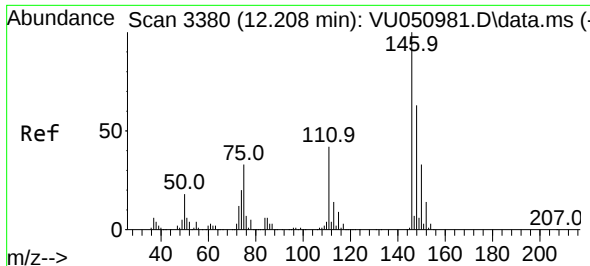
Ion Ratio Lower Upper

146 100

111 39.1 27.0 50.2

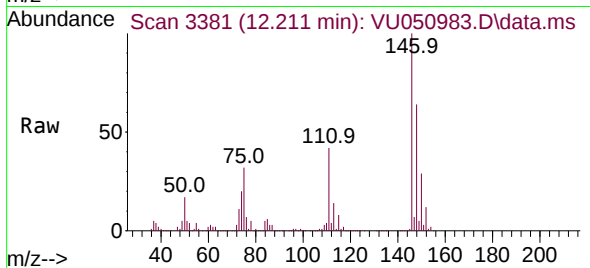
148 63.8 45.1 83.9



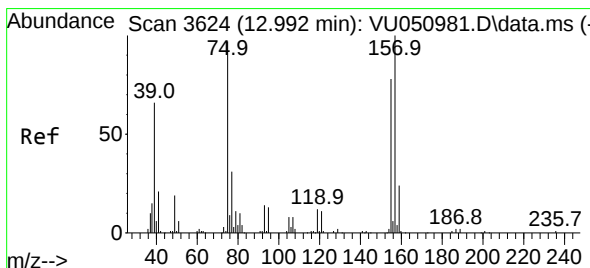
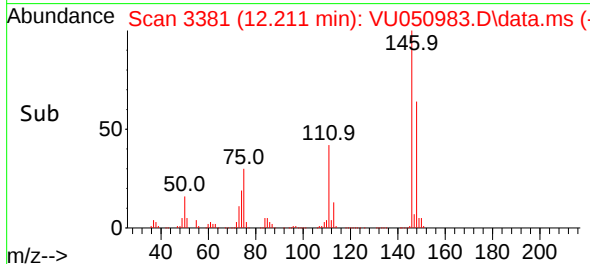
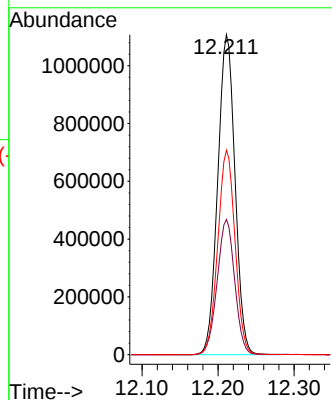


#67
1,2-Dichlorobenzene
Concen: 188.994 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :

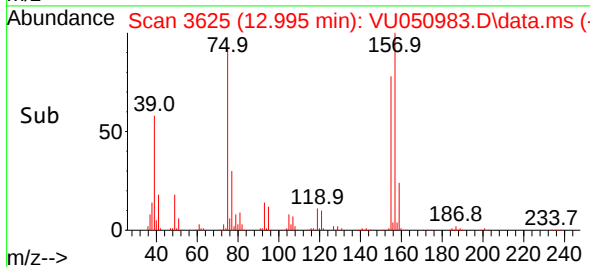
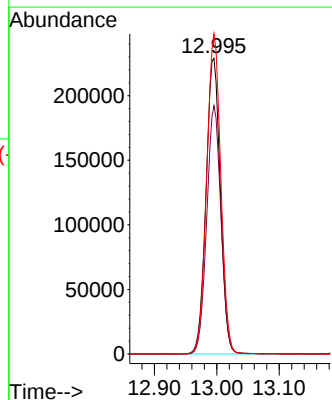
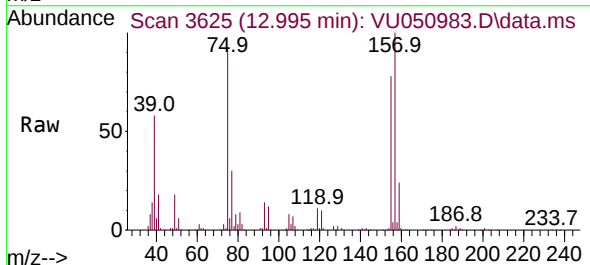


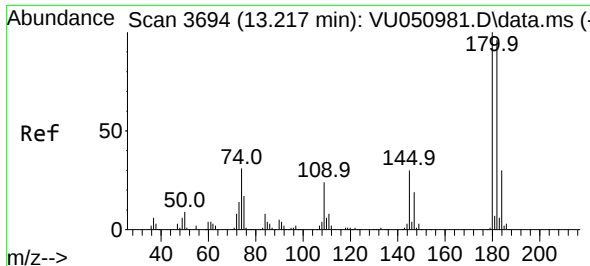
Tgt Ion:146 Resp: 1745467
Ion Ratio Lower Upper
146 100
111 42.2 33.7 50.5
148 63.9 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 179.603 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion: 75 Resp: 366354
Ion Ratio Lower Upper
75 100
155 84.0 64.4 96.6
157 108.3 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 200.119 ug/L

RT: 13.217 min Scan# 30

Delta R.T. -0.000 min

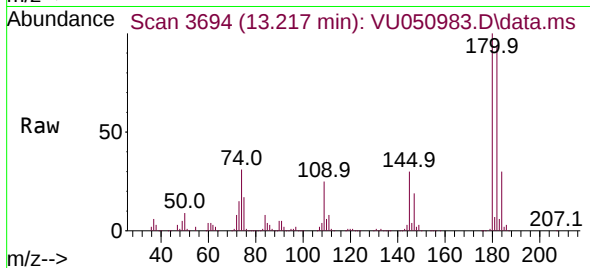
Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1213529

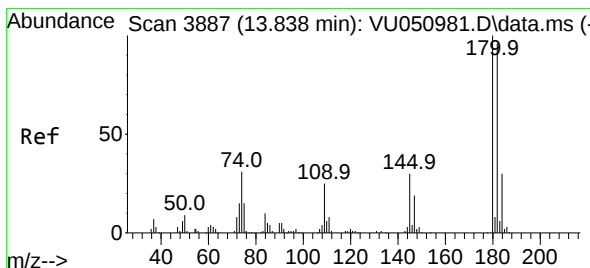
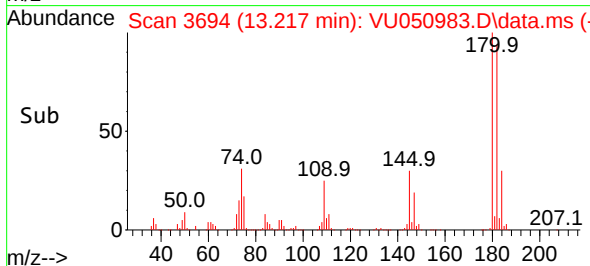
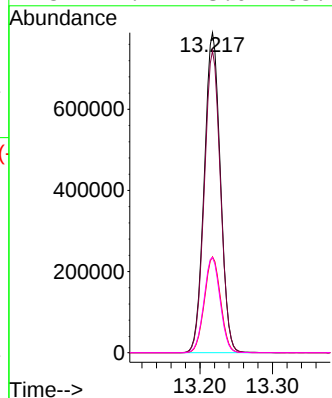
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.4

184 30.1 24.4 36.6

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 218.665 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU050983.D

Acq: 29 Sep 2022 16:27

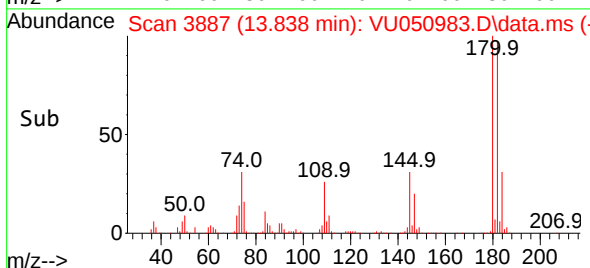
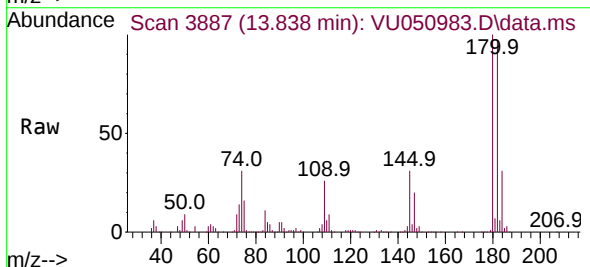
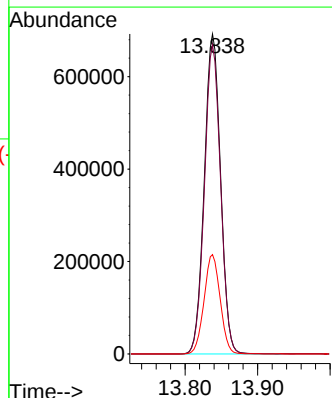
Tgt Ion:180 Resp: 1079825

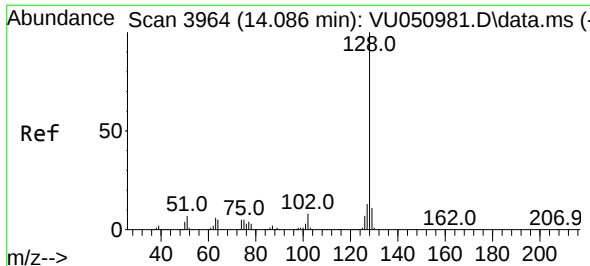
Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 30.7 24.0 36.0

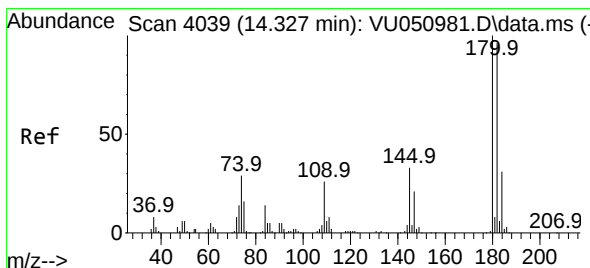
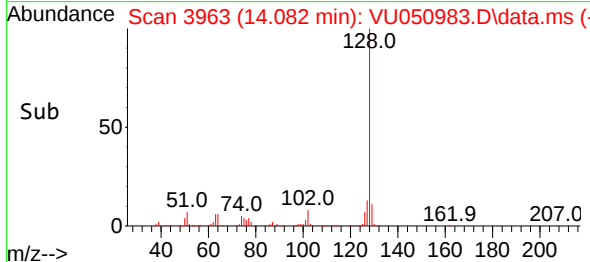
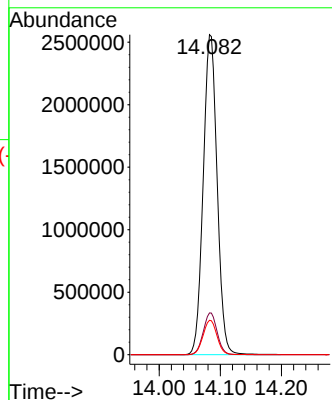
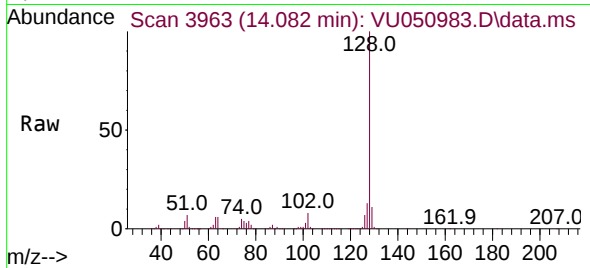




#71
Naphthalene
Concen: 216.431 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 4045017
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 201.360 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU050983.D
Acq: 29 Sep 2022 16:27

Tgt Ion:180 Resp: 1114691
Ion Ratio Lower Upper
180 100
182 95.2 76.0 114.0
145 32.3 26.1 39.1

