

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U093022\
 Data File : VU051026.D
 Acq On : 30 Sep 2022 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:17:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	368665	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	372296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168231	45.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.060%
7) Chloroethane-d5	1.906	69	153238	44.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.300%
11) 1,1-Dichloroethene-d2	2.565	63	256023	46.389	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
21) 2-Butanone-d5	4.617	46	291736	120.390	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.390%
24) Chloroform-d	5.060	84	323157	53.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.360%
26) 1,2-Dichloroethane-d4	5.697	65	207748	55.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.520%
32) Benzene-d6	5.726	84	619725	56.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.680%
36) 1,2-Dichloropropane-d6	6.687	67	211978	59.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.840%
41) Toluene-d8	7.896	98	547746	54.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.760%
43) trans-1,3-Dichloroprop...	8.176	79	86317	51.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.300%
47) 2-Hexanone-d5	8.629	63	155909	109.145	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.140%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	328976	53.209	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	190046	49.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	136323	44.097	ug/L	99
3) Chloromethane	1.520	50	201596	55.193	ug/L	99
5) Vinyl chloride	1.604	62	181221	46.750	ug/L	98
6) Bromomethane	1.848	94	136173	42.409	ug/L	99
8) Chloroethane	1.929	64	126482	44.435	ug/L	99
9) Trichlorofluoromethane	2.134	101	205610	39.448	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	121661	43.227	ug/L	97
12) 1,1-Dichloroethene	2.578	96	120116	45.688	ug/L	94
13) Acetone	2.626	43	218091	112.705	ug/L	96
14) Carbon disulfide	2.790	76	376896	48.498	ug/L	99
15) Methyl Acetate	2.945	43	225676	63.879	ug/L	97
16) Methylene chloride	3.041	84	188143	49.851	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	138951	49.680	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	490605	57.720	ug/L	98
19) 1,1-Dichloroethane	3.867	63	296900	55.883	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	167194	53.538	ug/L	96
22) 2-Butanone	4.697	43	330789	123.726	ug/L	97
23) Bromochloromethane	4.970	128	93667	54.741	ug/L	91
25) Chloroform	5.086	83	317956	55.020	ug/L	97

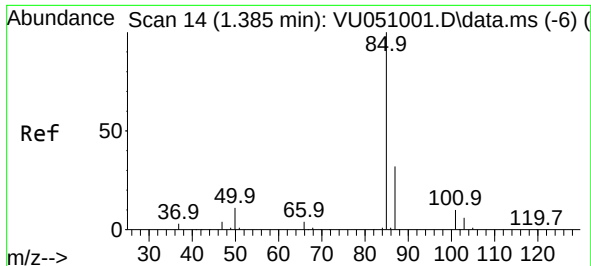
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	257478	58.163	ug/L	100
29) Cyclohexane	5.388	56	175292	48.356	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	225438	51.632	ug/L	99
31) Carbon tetrachloride	5.523	117	174496	48.982	ug/L	97
33) Benzene	5.771	78	671689	59.179	ug/L	100
34) Trichloroethene	6.539	95	156850	53.354	ug/L	97
35) Methylcyclohexane	6.761	83	182157	45.526	ug/L	96
37) 1,2-Dichloropropane	6.790	63	189267	61.923	ug/L	98
38) Bromodichloromethane	7.102	83	239233	58.650	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	227966	52.665	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	592634	133.887	ug/L	98
42) Toluene	7.967	91	679994	56.325	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	230463	52.657	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	192822	58.242	ug/L	100
46) Tetrachloroethene	8.552	164	101561	45.587	ug/L	98
48) 2-Hexanone	8.681	43	527274	131.148	ug/L	97
49) Dibromochloromethane	8.806	129	187669	53.915	ug/L	99
50) 1,2-Dibromoethane	8.922	107	199450	55.564	ug/L	100
51) Chlorobenzene	9.446	112	403064	49.094	ug/L	99
52) Ethylbenzene	9.568	91	616492	47.874	ug/L	100
53) m,p-Xylene	9.690	106	238760	49.305	ug/L	94
54) o-Xylene	10.099	106	244375	50.488	ug/L	99
55) Styrene	10.111	104	449350	53.713	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	330067	56.332	ug/L	100
59) Bromoform	10.288	173	137858	51.843	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	272550	57.307	ug/L	98
61) Isopropylbenzene	10.481	105	574564	48.940	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	478575	49.851	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	490735	51.002	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	290639	48.021	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	297403	49.157	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	316630	50.919	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	79501	57.281	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	187254	45.624	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	153022	45.568	ug/L	99
71) Naphthalene	14.082	128	585279	48.696	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	186728	49.831	ug/L	100

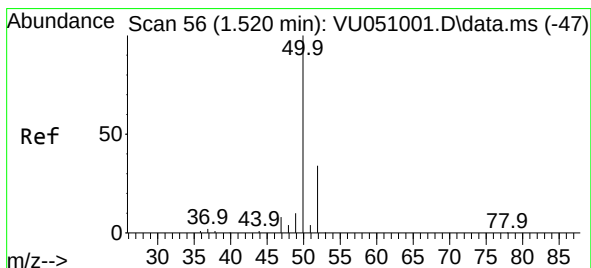
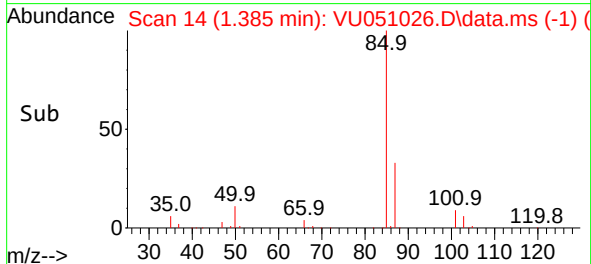
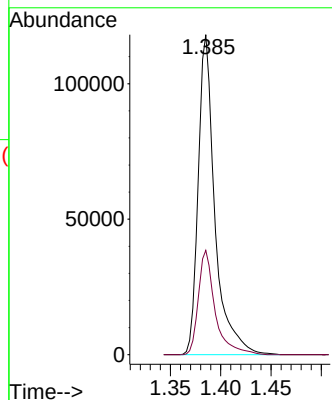
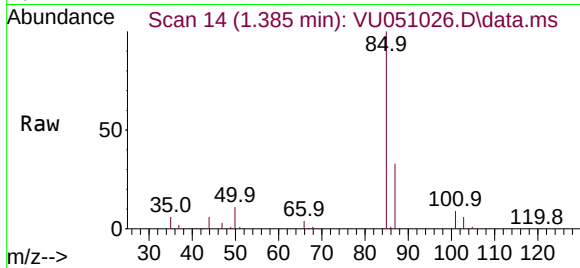
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 44.097 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

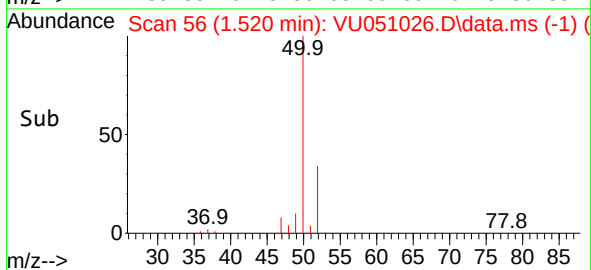
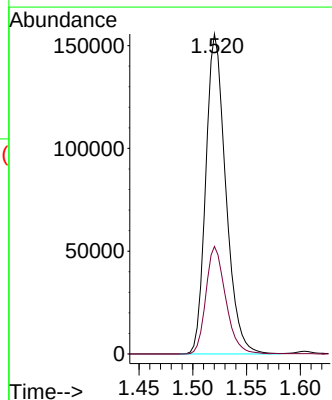
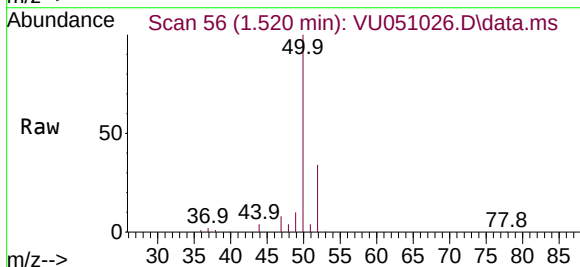
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MSVOA_U
ClientSampleId :

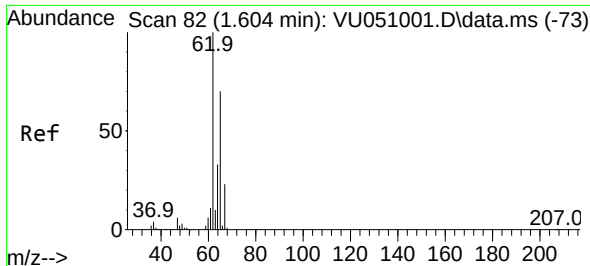
Tgt Ion: 85 Resp: 136323
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 55.193 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

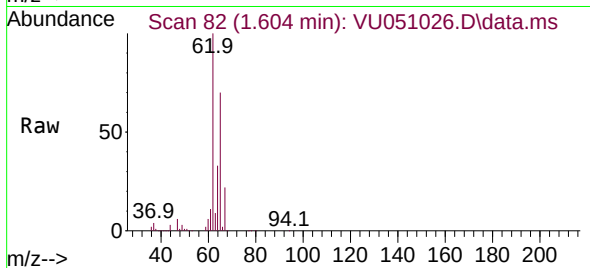
Tgt Ion: 50 Resp: 201596
Ion Ratio Lower Upper
50 100
52 33.6 23.7 44.1



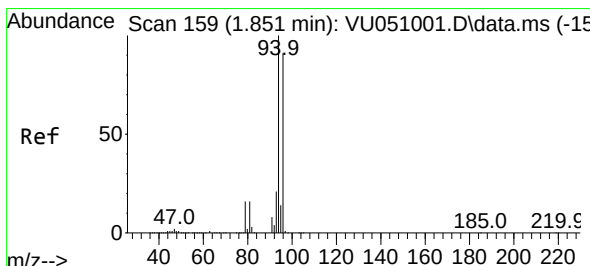
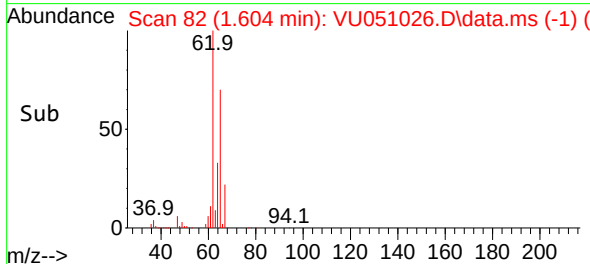
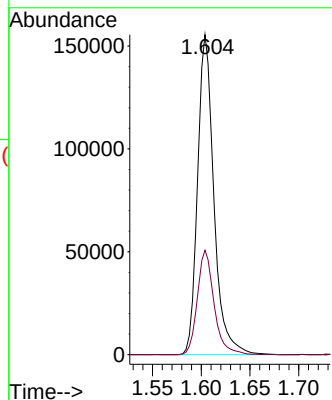


#5
 Vinyl chloride
 Concen: 46.750 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

Instrument :
 MSVOA_U
 ClientSampleId :

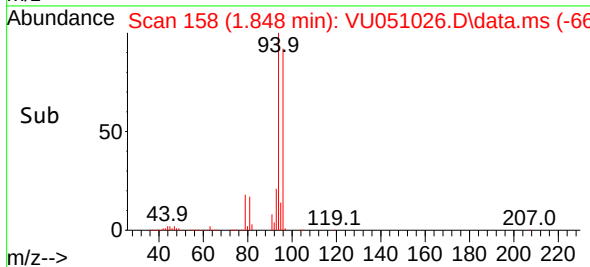
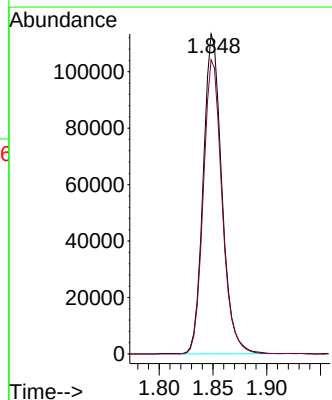
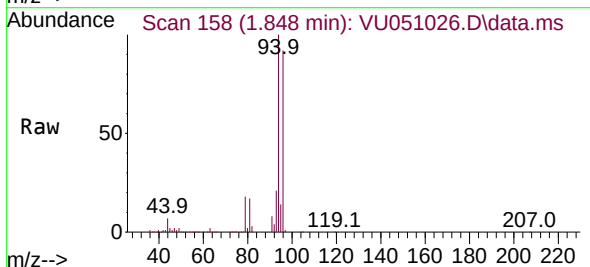


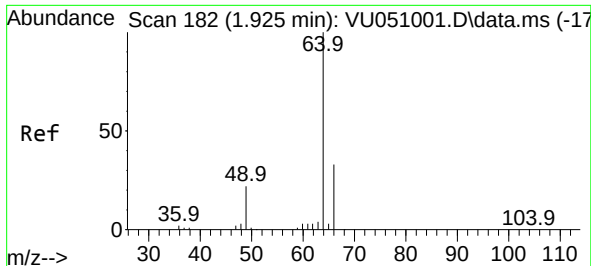
Tgt Ion: 62 Resp: 181221
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 42.409 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.003 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

Tgt Ion: 94 Resp: 136173
 Ion Ratio Lower Upper
 94 100
 96 92.0 63.9 118.7

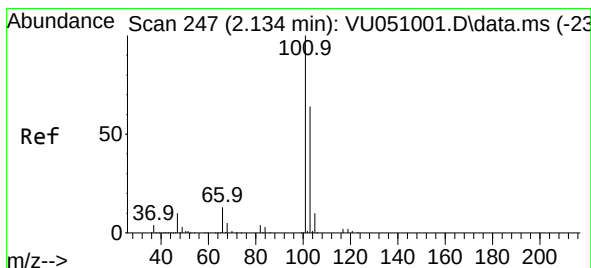
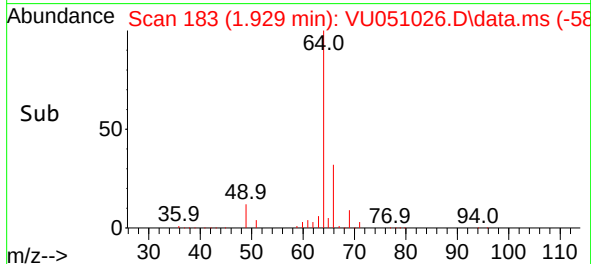
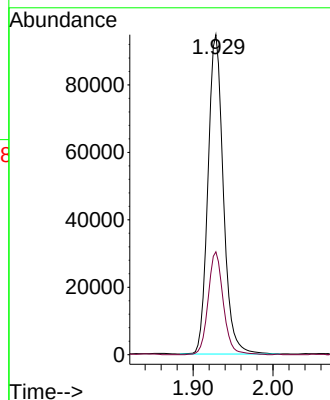
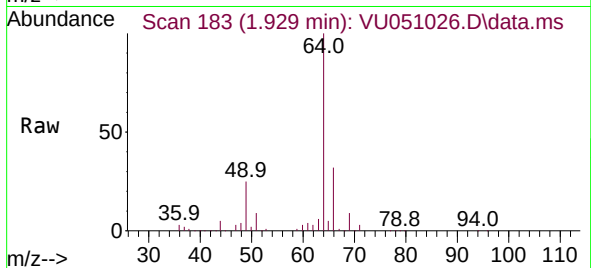




#8
Chloroethane
Concen: 44.435 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

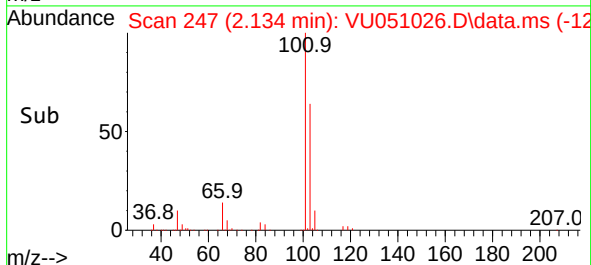
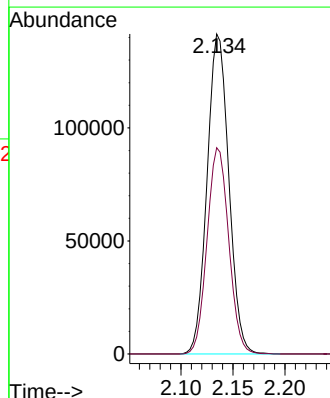
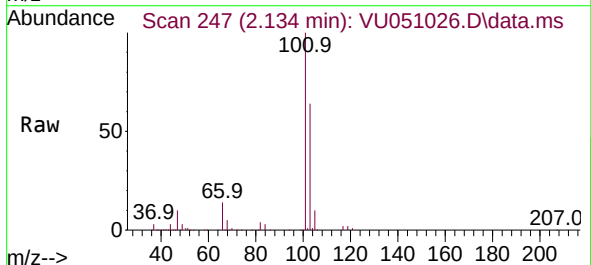
Instrument :
MSVOA_U
ClientSampleId :

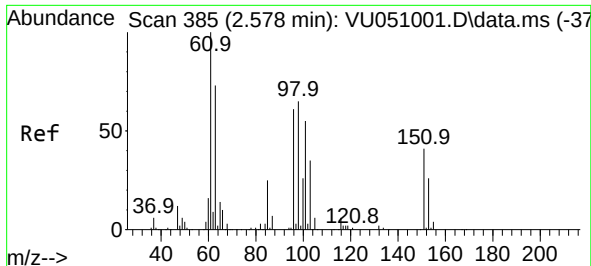
Tgt Ion: 64 Resp: 126482
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.448 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion:101 Resp: 205610
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

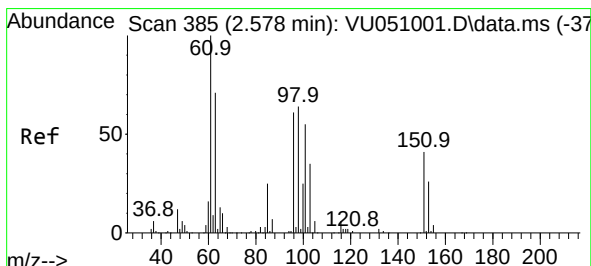
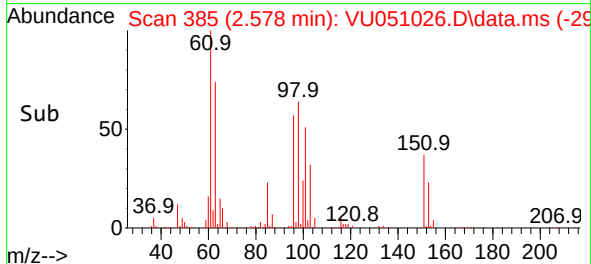
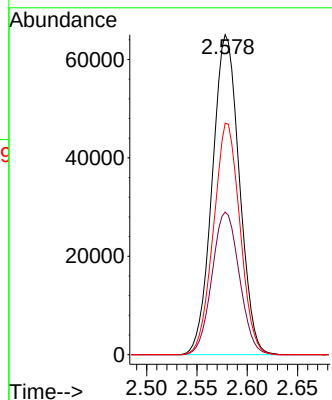
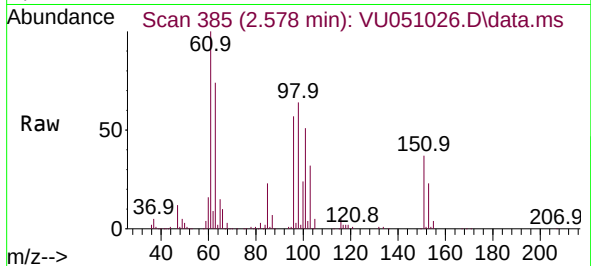




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.227 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

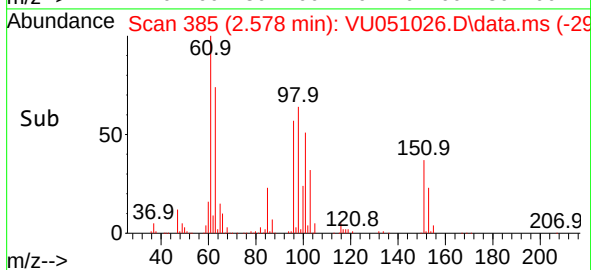
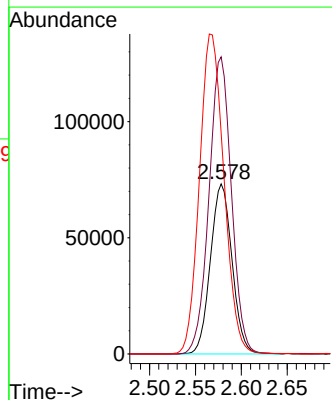
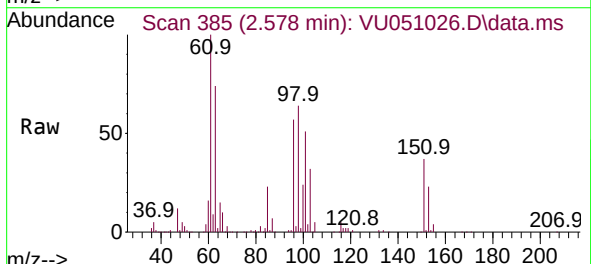
Instrument :
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 ClientSampleId :

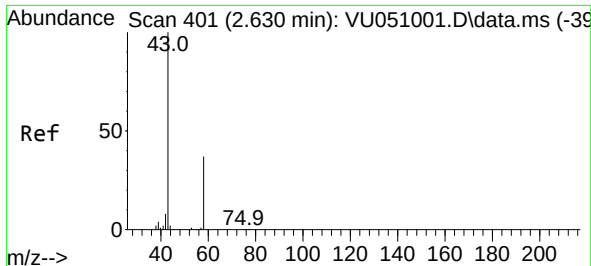
Tgt Ion:101 Resp: 121661
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.6 52.0
 151 71.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 45.688 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

Tgt Ion: 96 Resp: 120116
 Ion Ratio Lower Upper
 96 100
 61 174.6 113.0 209.9
 63 129.7 91.7 170.3





#13

Acetone

Concen: 112.705 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

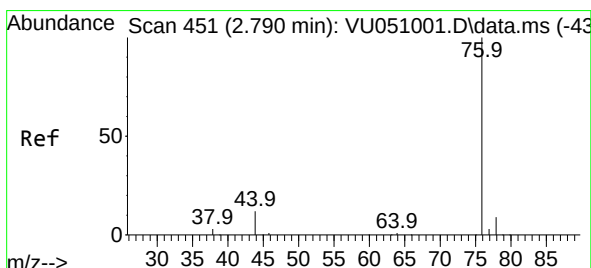
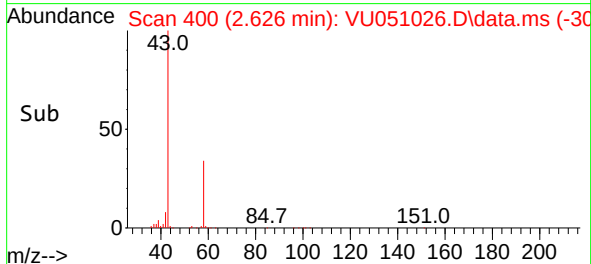
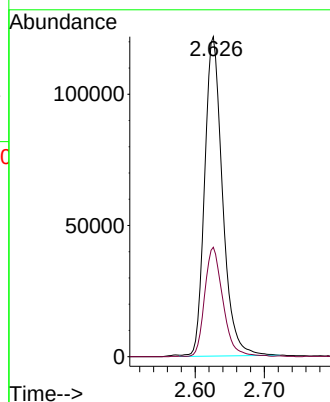
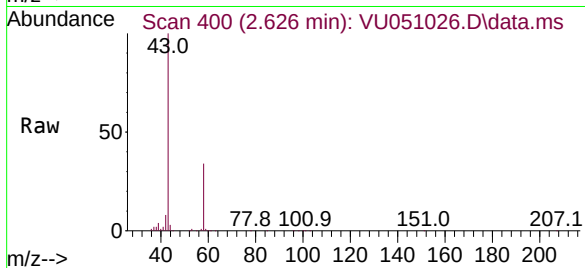
ClientSampleId :

Tgt Ion: 43 Resp: 218091

Ion Ratio Lower Upper

43 100

58 34.7 0.0 73.6



#14

Carbon disulfide

Concen: 48.498 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051026.D

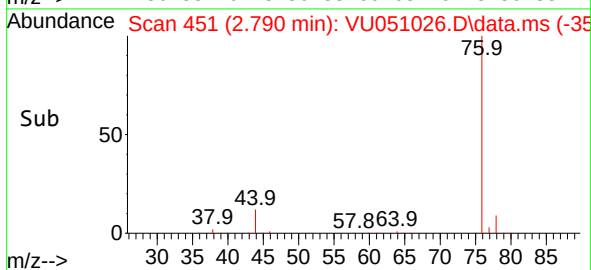
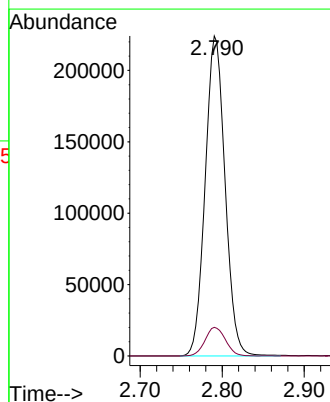
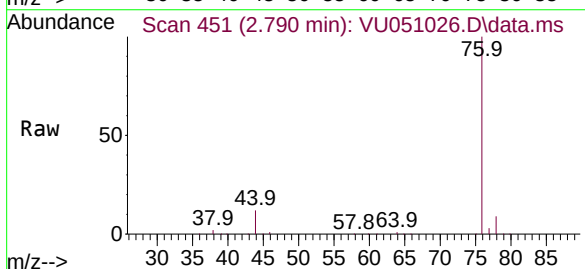
Acq: 30 Sep 2022 11:57

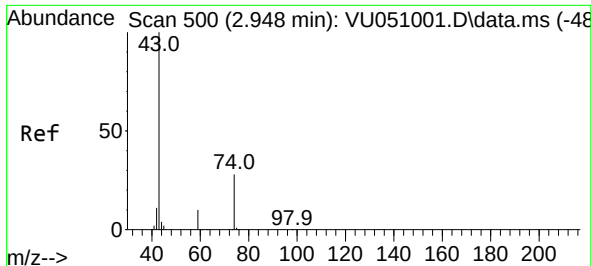
Tgt Ion: 76 Resp: 376896

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

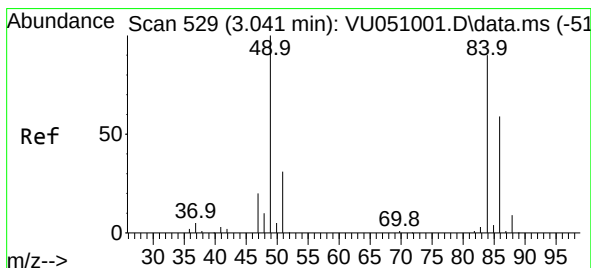
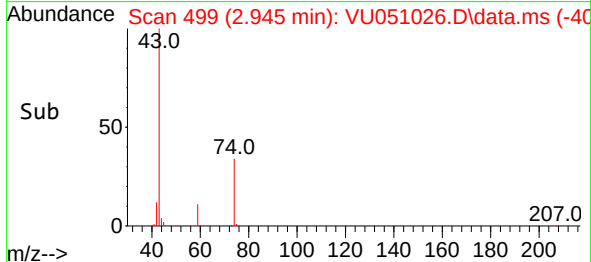
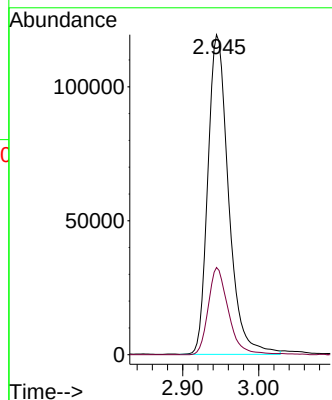
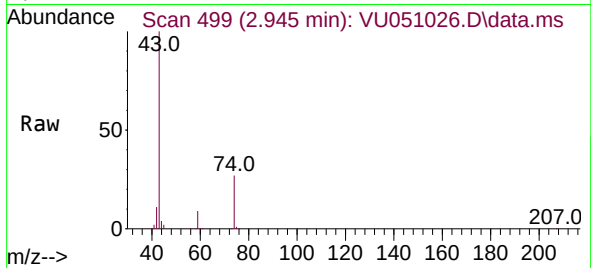




#15
Methyl Acetate
Concen: 63.879 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

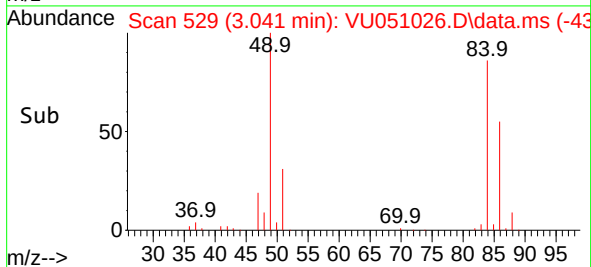
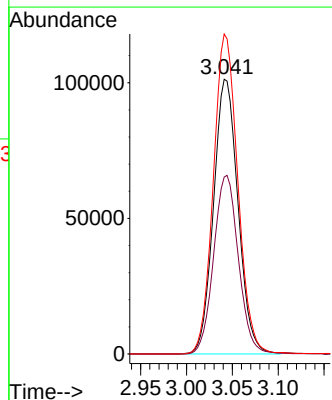
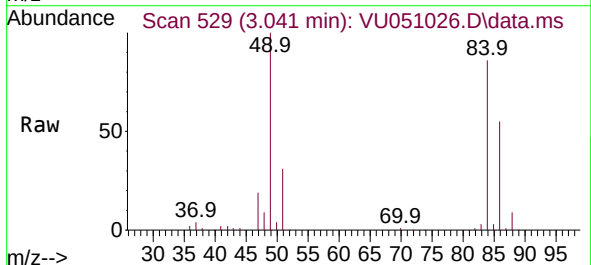
Instrument :
MSVOA_U
ClientSampleId :

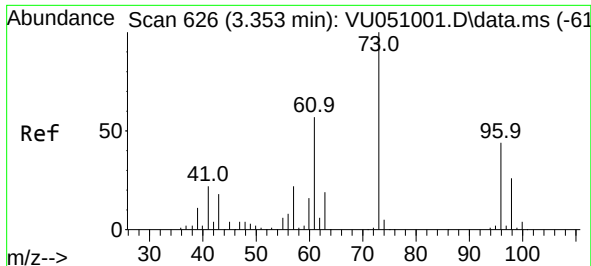
Tgt Ion: 43 Resp: 225676
Ion Ratio Lower Upper
43 100
74 26.5 22.4 33.6



#16
Methylene chloride
Concen: 49.851 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 84 Resp: 188143
Ion Ratio Lower Upper
84 100
86 64.4 45.4 84.4
49 116.5 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 49.680 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

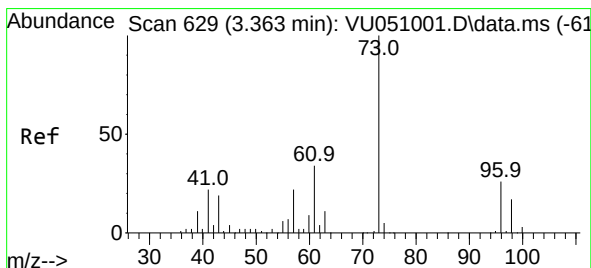
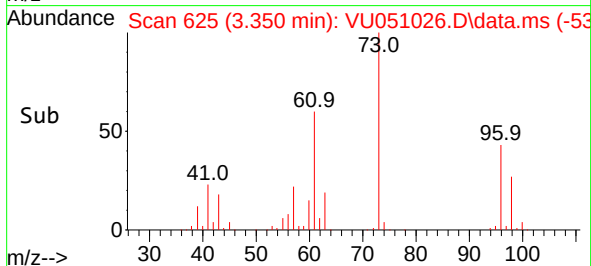
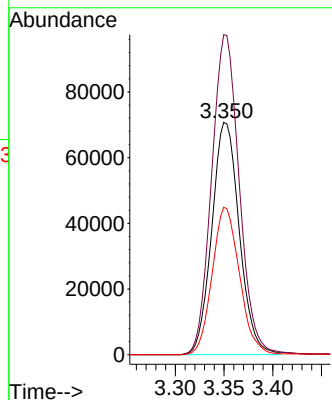
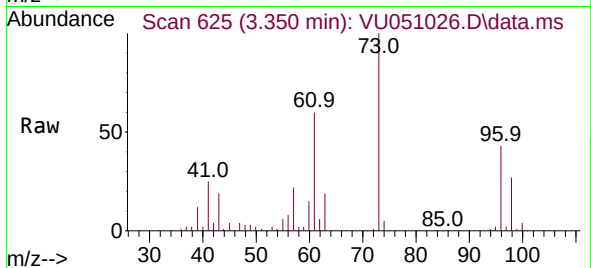
Tgt Ion: 96 Resp: 138951

Ion Ratio Lower Upper

96 100

61 137.7 95.1 176.5

98 63.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 57.720 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

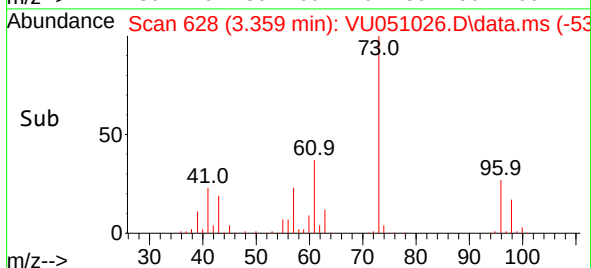
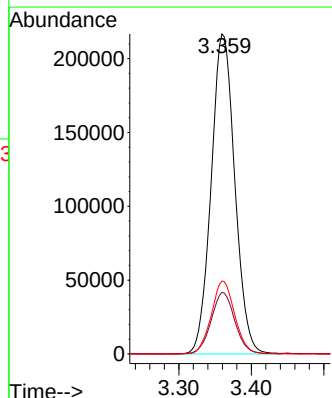
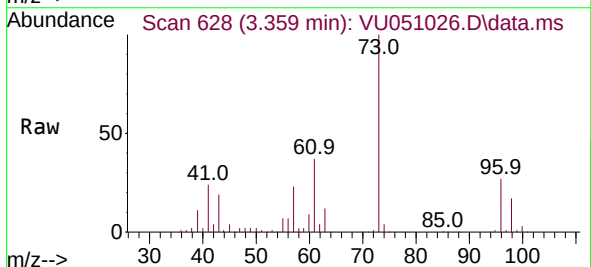
Tgt Ion: 73 Resp: 490605

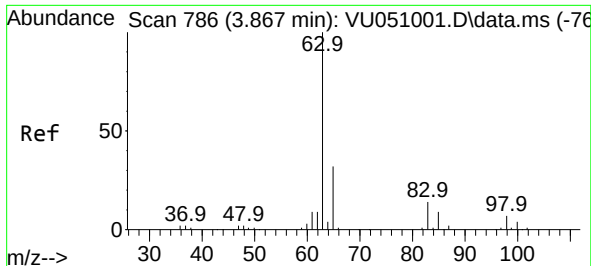
Ion Ratio Lower Upper

73 100

43 19.4 14.7 22.1

57 22.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 55.883 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

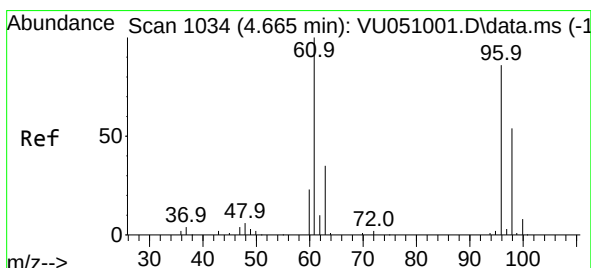
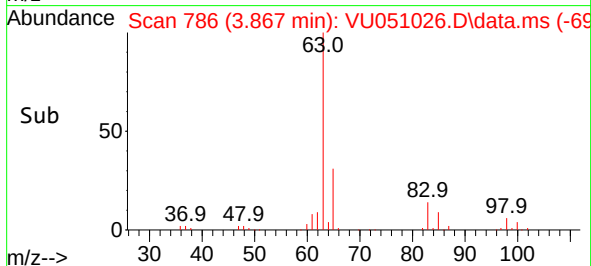
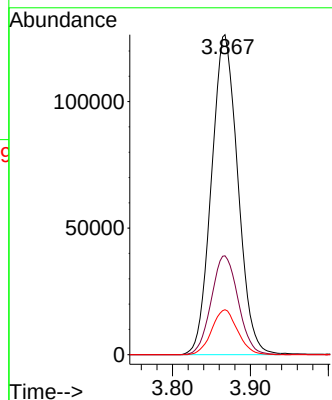
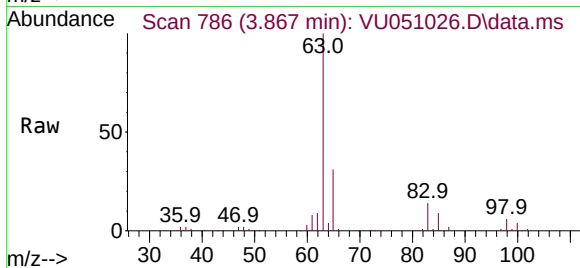
Tgt Ion: 63 Resp: 296900

Ion Ratio Lower Upper

63 100

65 30.9 22.6 42.0

83 14.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 53.538 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

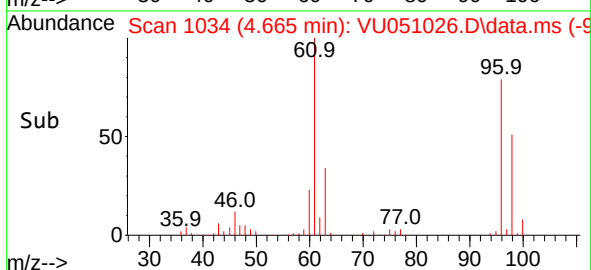
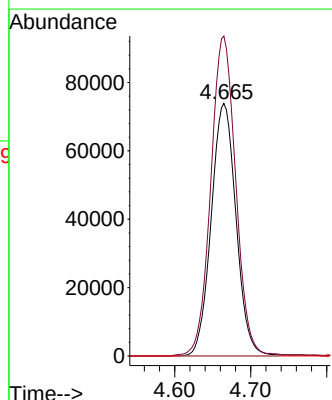
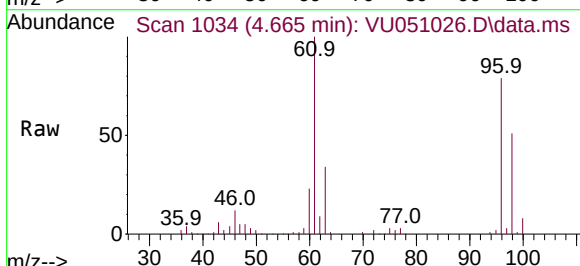
Tgt Ion: 96 Resp: 167194

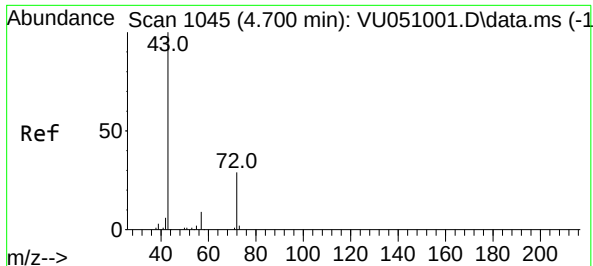
Ion Ratio Lower Upper

96 100

61 126.7 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 123.726 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

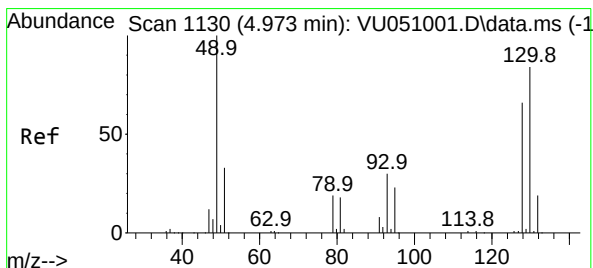
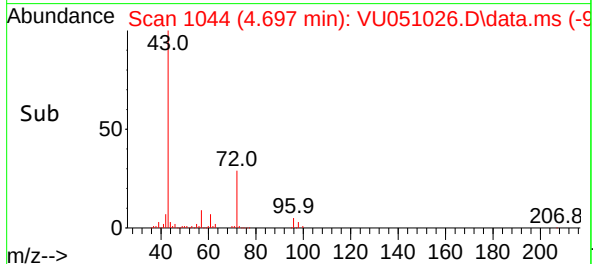
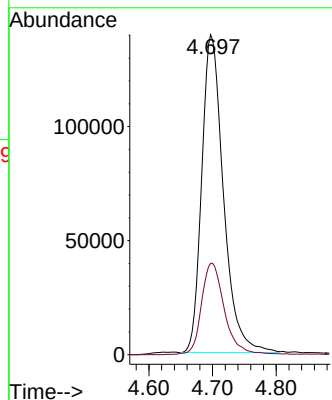
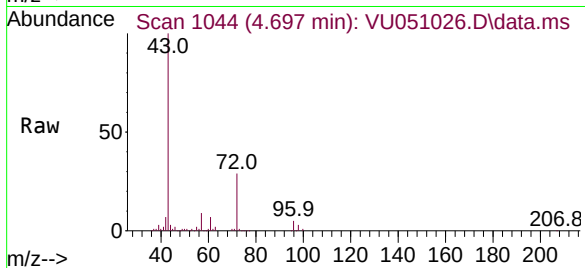
ClientSampleId :

Tgt Ion: 43 Resp: 330789

Ion Ratio Lower Upper

43 100

72 29.7 15.8 47.4



#23

Bromochloromethane

Concen: 54.741 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Tgt Ion:128 Resp: 93667

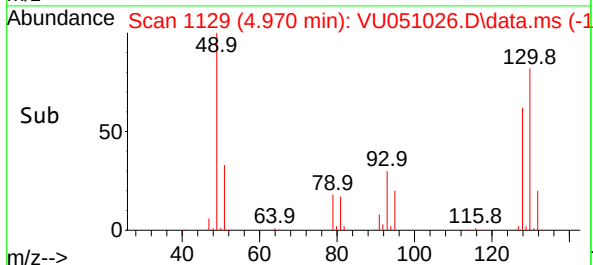
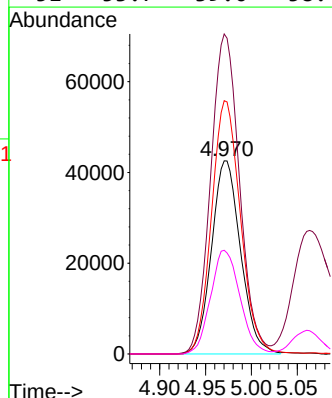
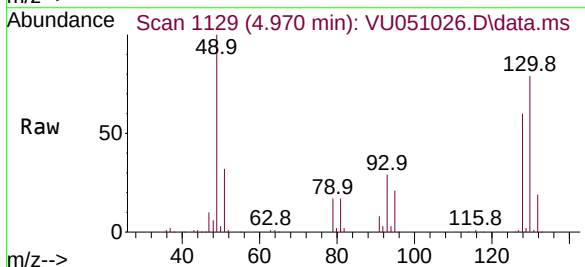
Ion Ratio Lower Upper

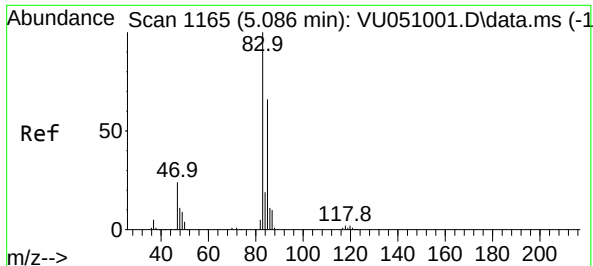
128 100

49 165.8 106.9 198.5

130 131.2 86.2 160.0

51 53.7 39.0 58.4





#25

Chloroform

Concen: 55.020 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

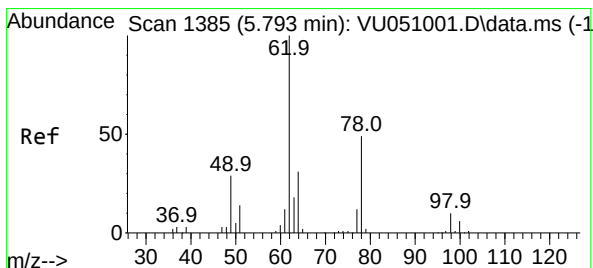
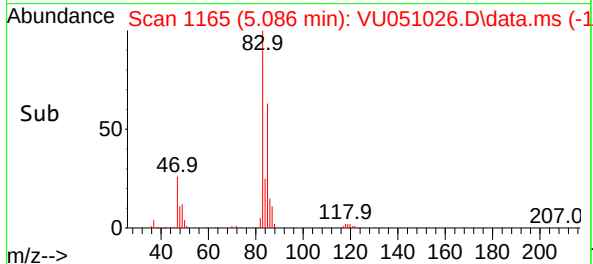
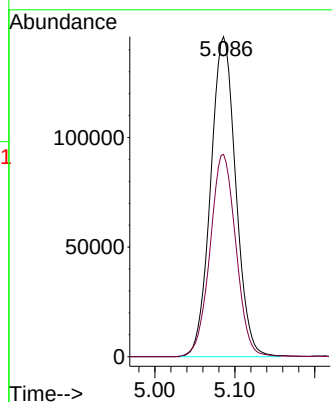
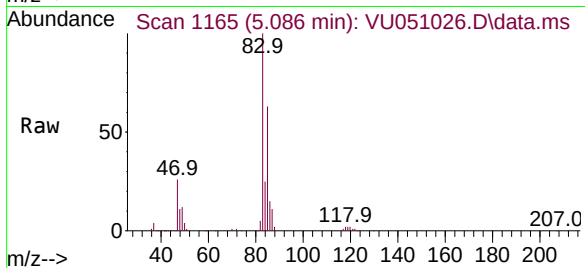
ClientSampleId :

Tgt Ion: 83 Resp: 317956

Ion Ratio Lower Upper

83 100

85 63.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 58.163 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051026.D

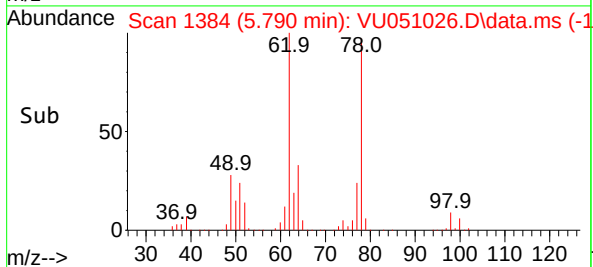
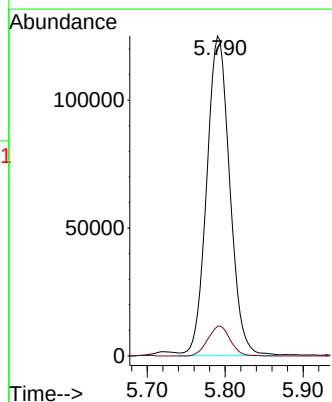
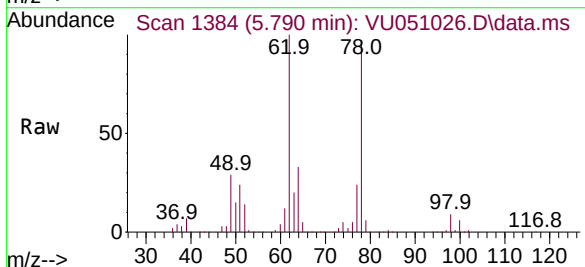
Acq: 30 Sep 2022 11:57

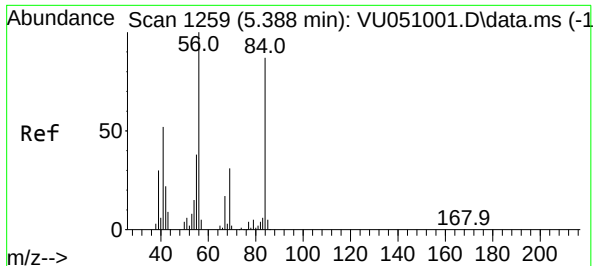
Tgt Ion: 62 Resp: 257478

Ion Ratio Lower Upper

62 100

98 9.3 7.3 10.9





#29

Cyclohexane

Concen: 48.356 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

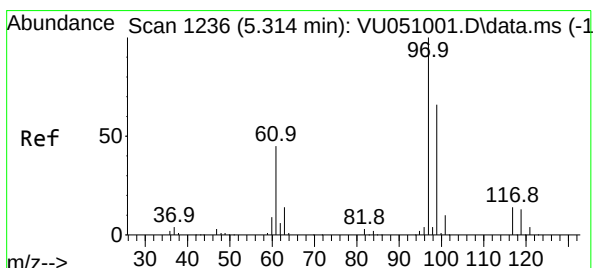
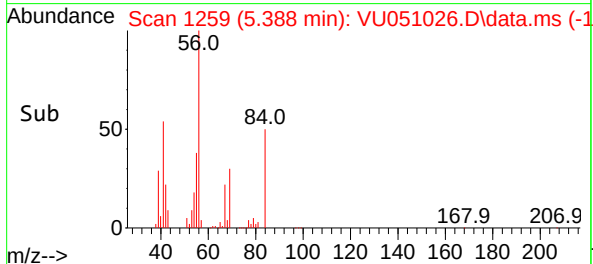
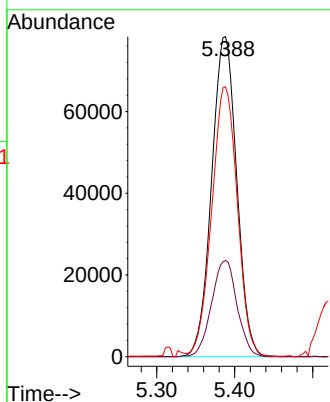
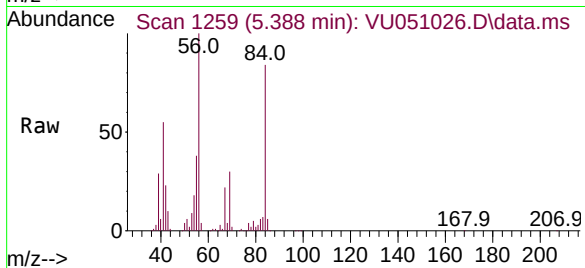
Tgt Ion: 56 Resp: 175292

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 86.2 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 51.632 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

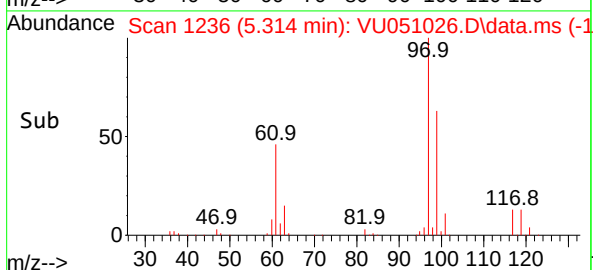
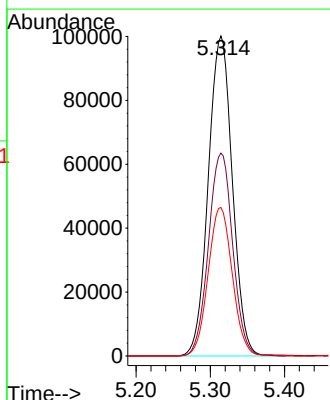
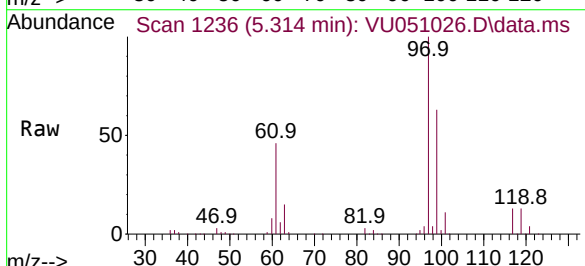
Tgt Ion: 97 Resp: 225438

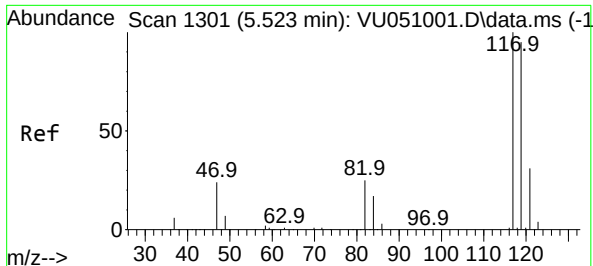
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 46.6 36.0 54.0

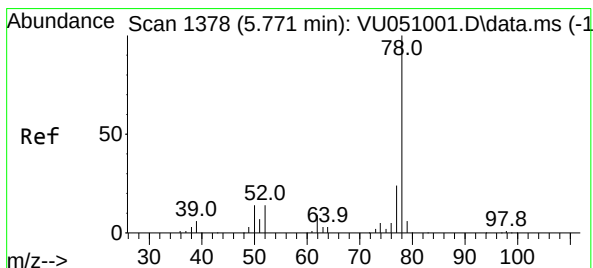
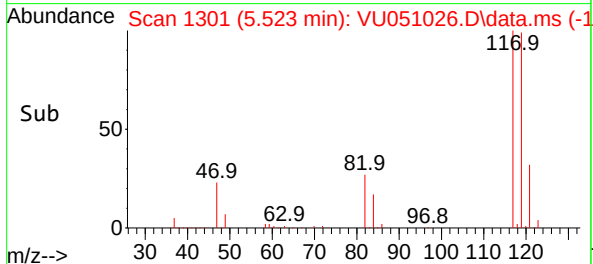
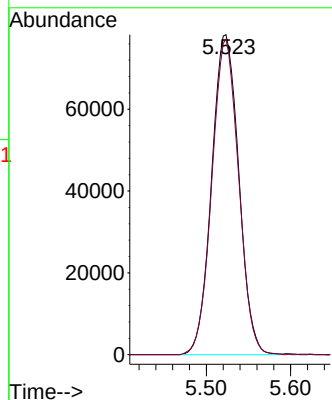
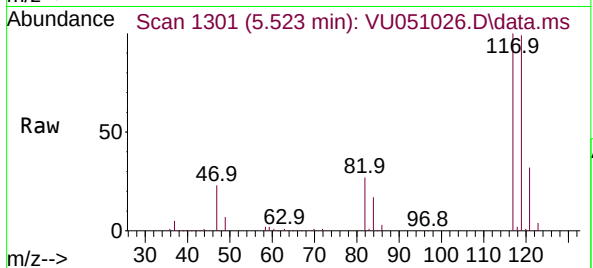




#31
Carbon tetrachloride
Concen: 48.982 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

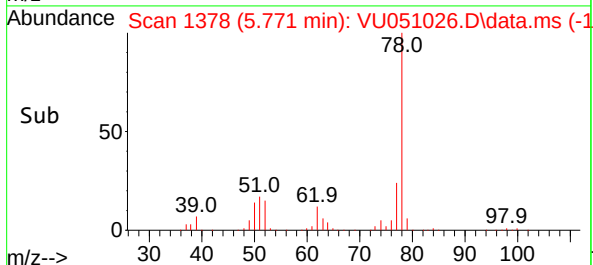
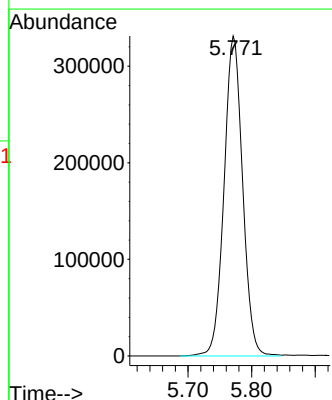
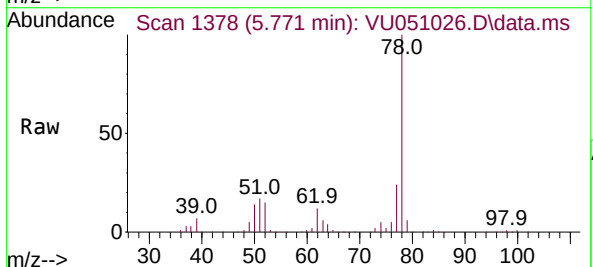
Instrument :
MSVOA_U
ClientSampleId :

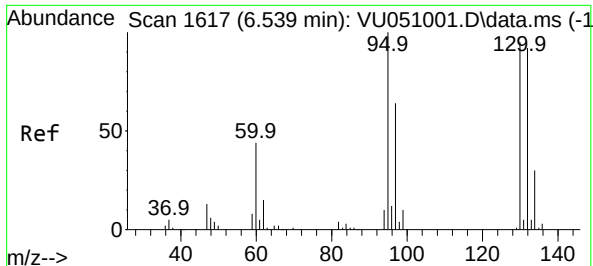
Tgt Ion:117 Resp: 174496
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5



#33
Benzene
Concen: 59.179 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 78 Resp: 671689





#34

Trichloroethene

Concen: 53.354 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 156850

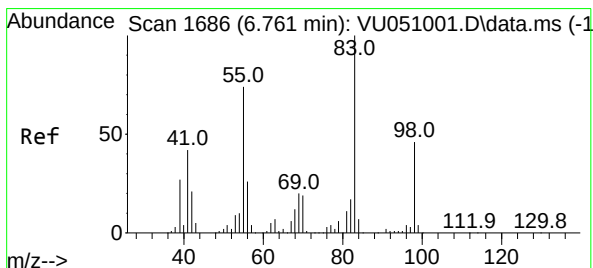
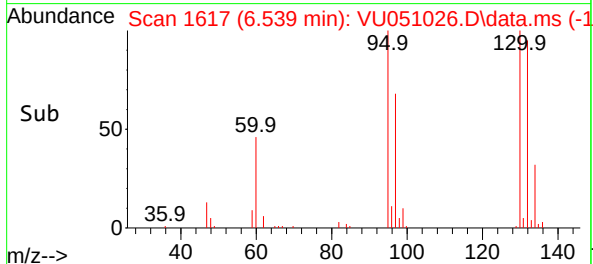
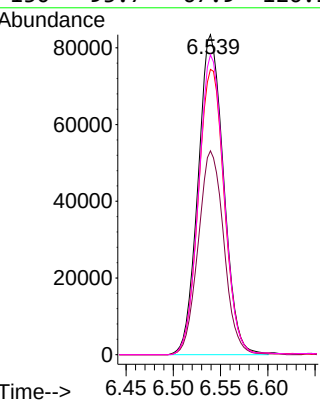
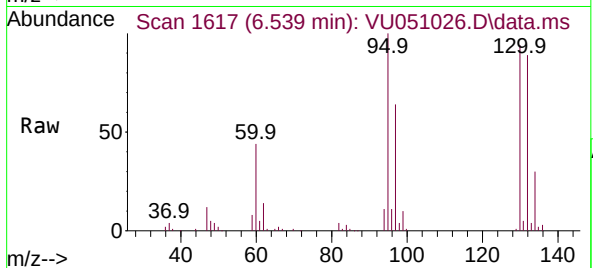
Ion Ratio Lower Upper

95 100

97 63.7 45.9 85.3

132 89.2 64.0 119.0

130 93.7 67.9 126.1



#35

Methylcyclohexane

Concen: 45.526 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

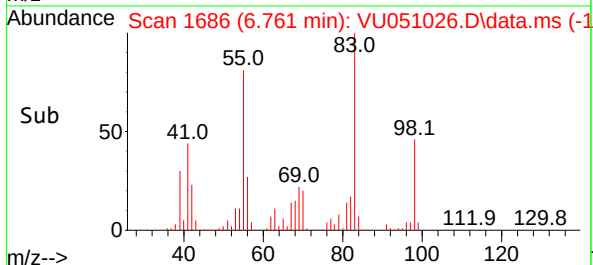
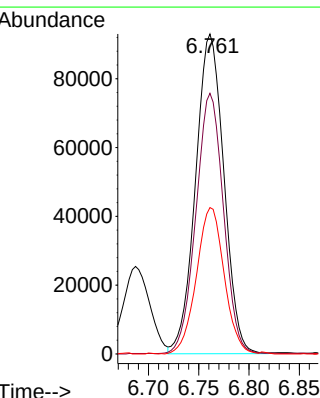
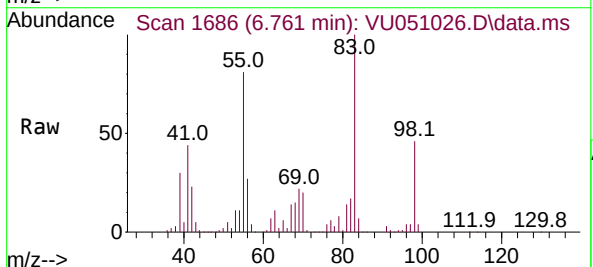
Tgt Ion: 83 Resp: 182157

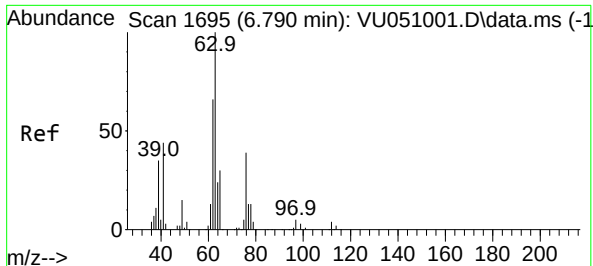
Ion Ratio Lower Upper

83 100

55 79.4 59.3 88.9

98 44.9 36.0 54.0

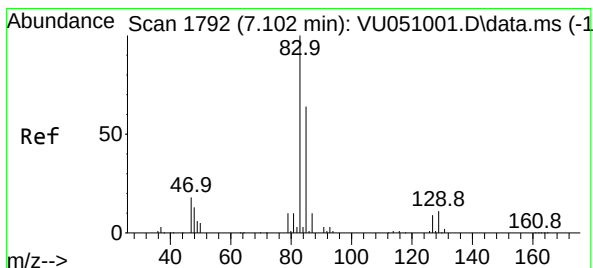
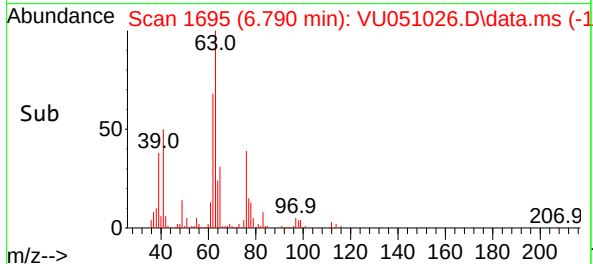
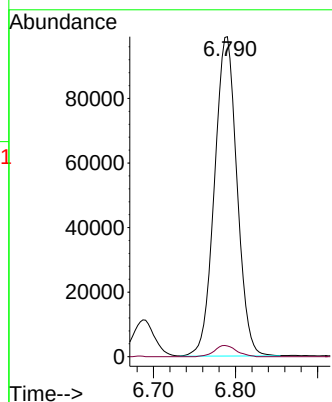
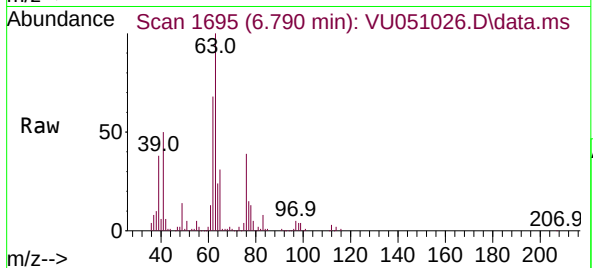




#37
1,2-Dichloropropane
Concen: 61.923 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

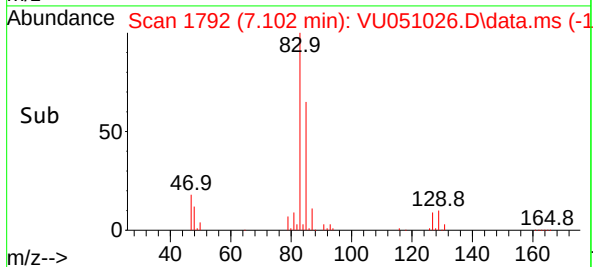
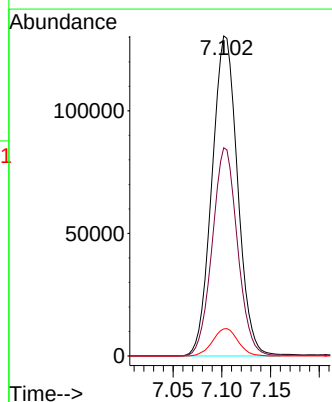
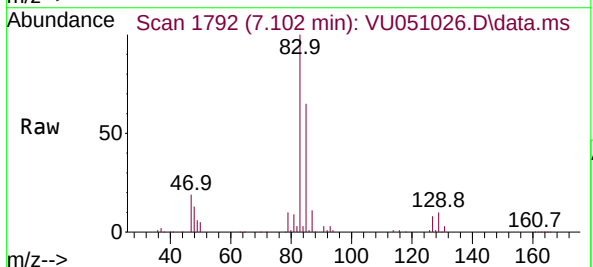
Instrument :
MSVOA_U
ClientSampleId :

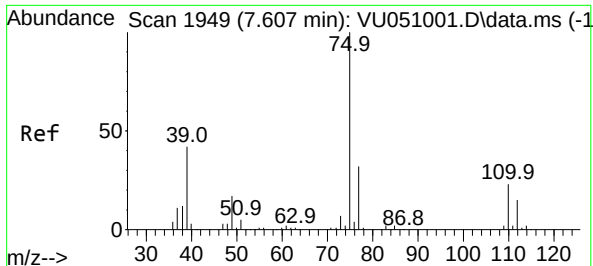
Tgt Ion: 63 Resp: 189267
Ion Ratio Lower Upper
63 100
112 3.5 3.3 4.9



#38
Bromodichloromethane
Concen: 58.650 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 83 Resp: 239233
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 52.665 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

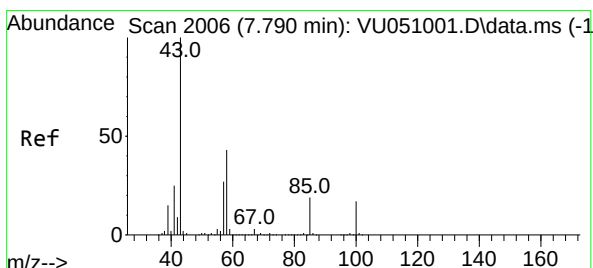
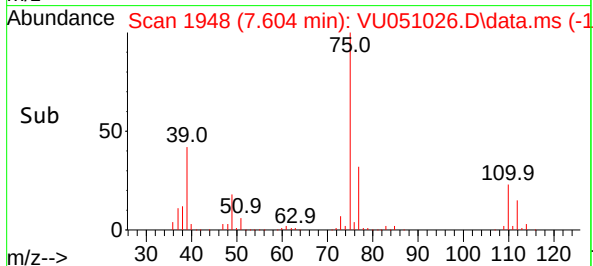
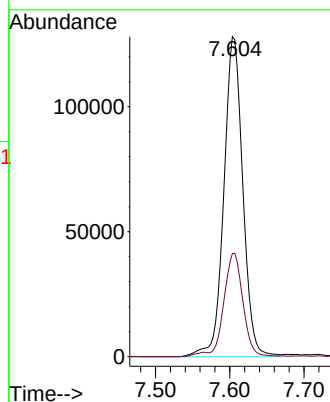
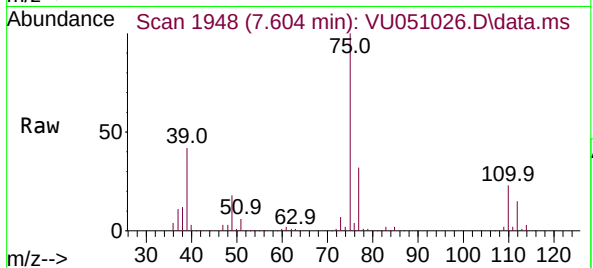
ClientSampleId :

Tgt Ion: 75 Resp: 227966

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 133.887 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

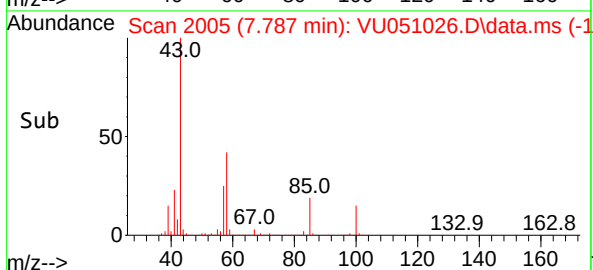
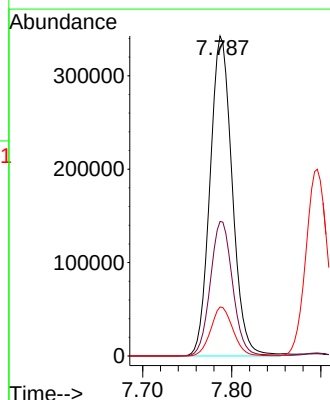
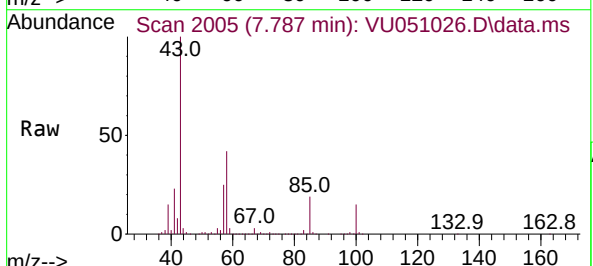
Tgt Ion: 43 Resp: 592634

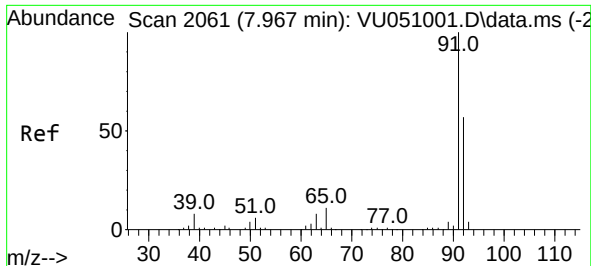
Ion Ratio Lower Upper

43 100

58 42.4 35.0 52.4

100 15.3 13.3 19.9





#42

Toluene

Concen: 56.325 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

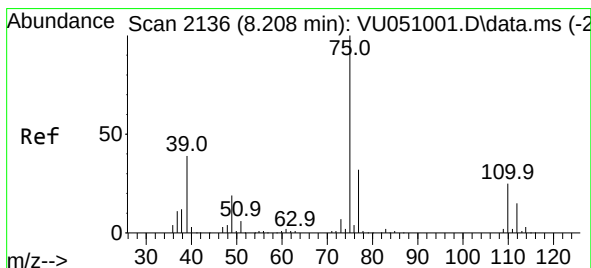
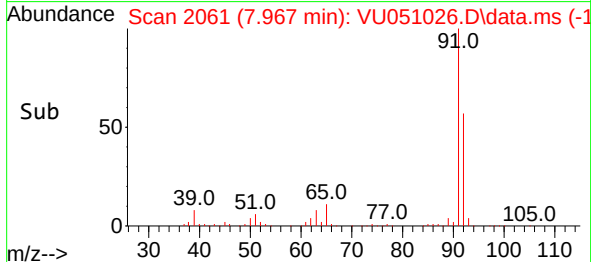
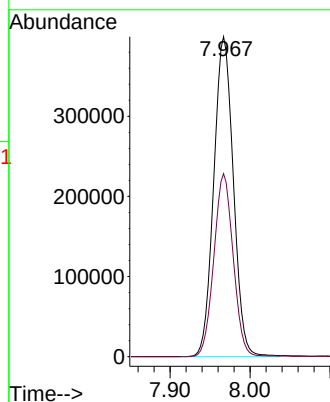
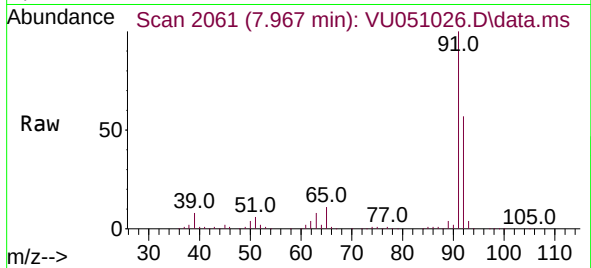
ClientSampleId :

Tgt Ion: 91 Resp: 679994

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 52.657 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051026.D

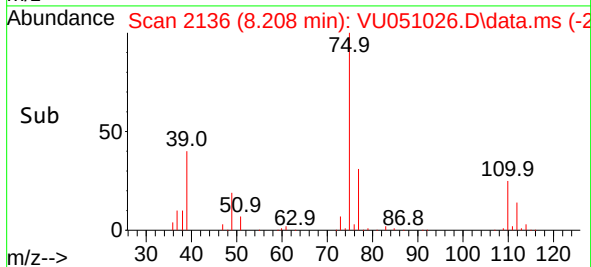
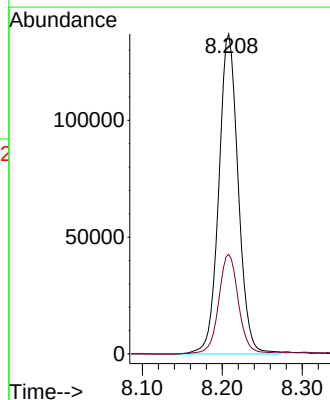
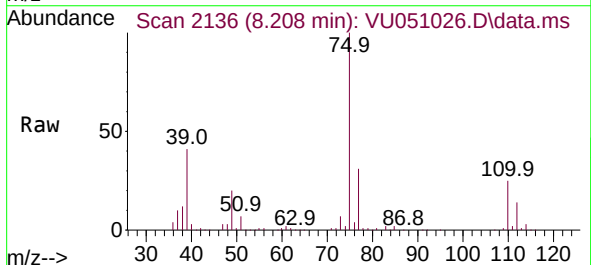
Acq: 30 Sep 2022 11:57

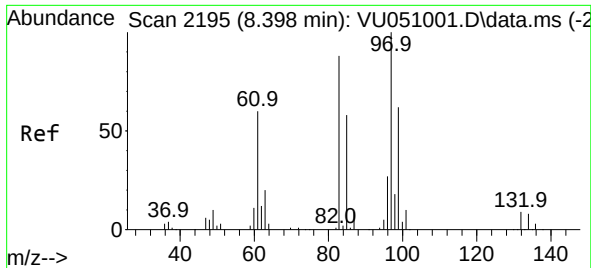
Tgt Ion: 75 Resp: 230463

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.3

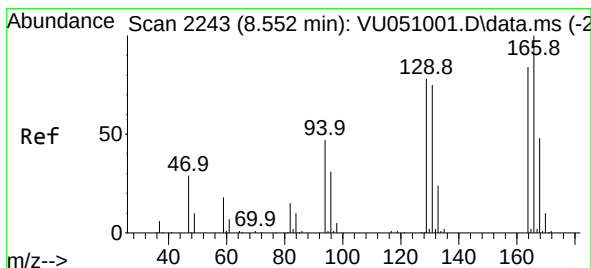
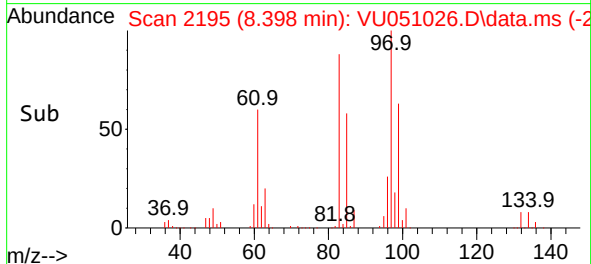
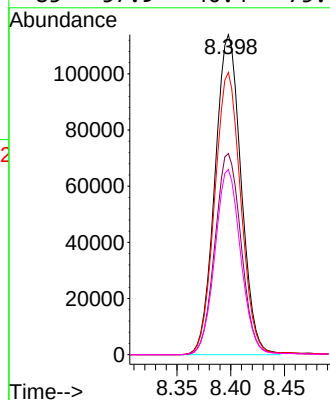
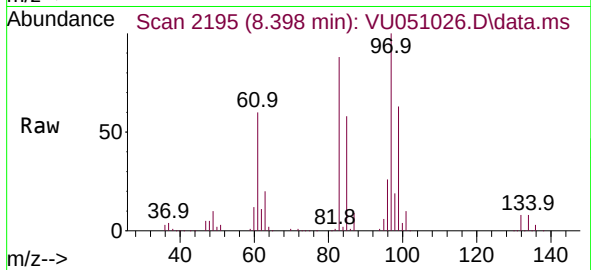




#45
1,1,2-Trichloroethane
Concen: 58.242 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

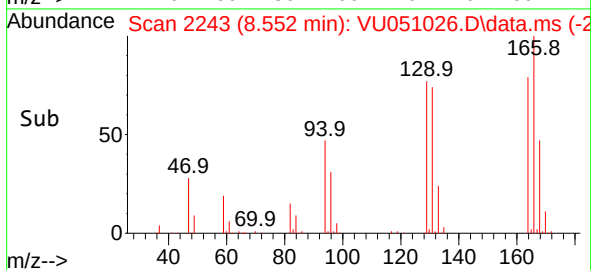
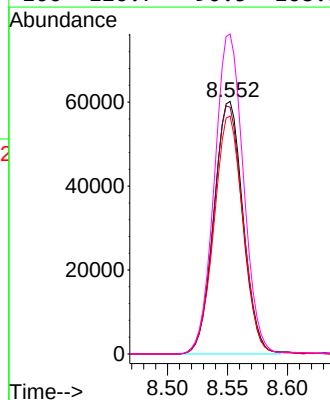
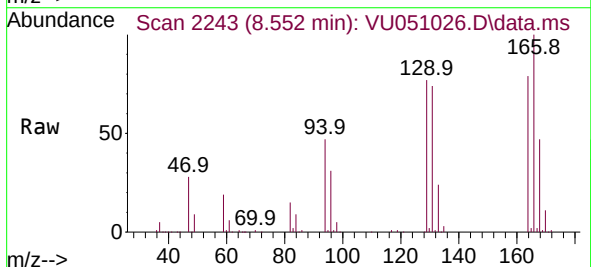
Instrument :
MSVOA_U
ClientSampleId :

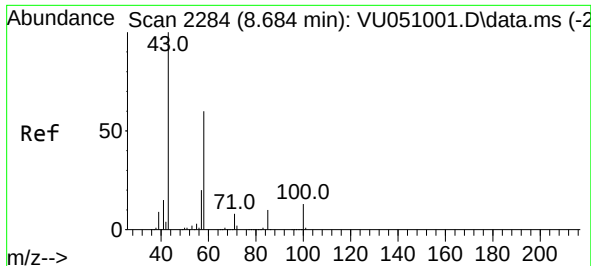
Tgt Ion:	97	Resp:	192822
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.4	82.4
83	88.2	61.7	114.5
85	57.9	40.4	75.0



#46
Tetrachloroethene
Concen: 45.587 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

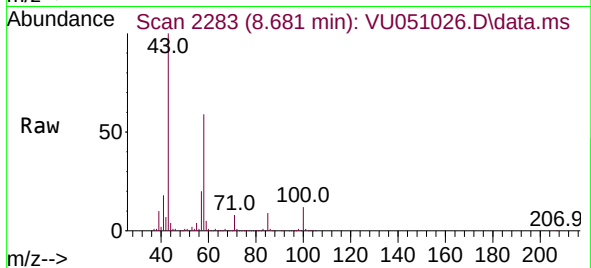
Tgt Ion:	164	Resp:	101561
Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.1	126.5
131	94.2	67.8	126.0
166	126.7	90.5	168.1





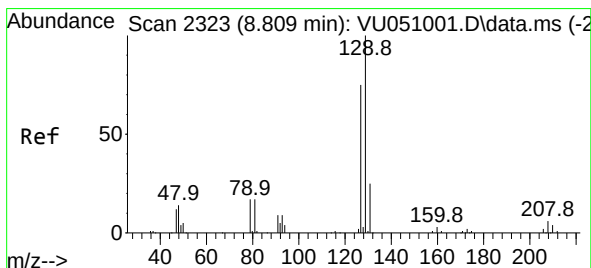
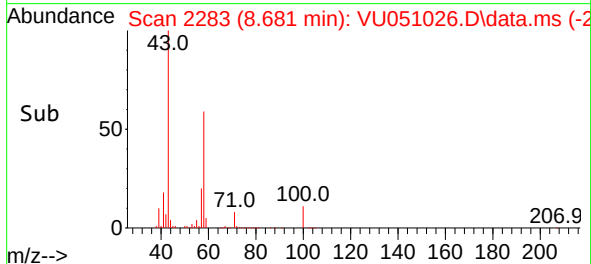
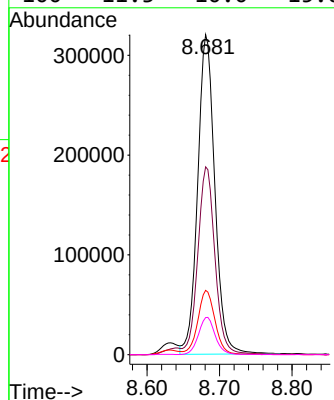
#48
2-Hexanone
Concen: 131.148 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 527274

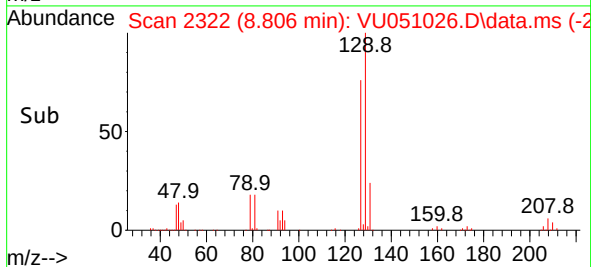
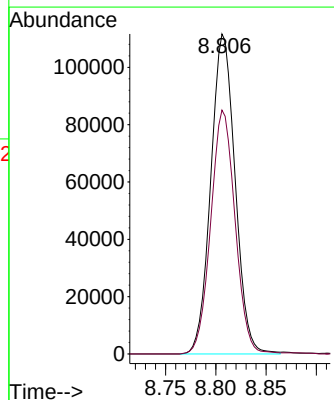
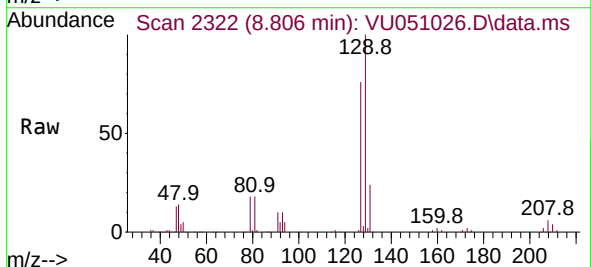
Ion	Ratio	Lower	Upper
43	100		
58	58.0	48.3	72.5
57	20.3	15.9	23.9
100	11.3	10.0	15.0

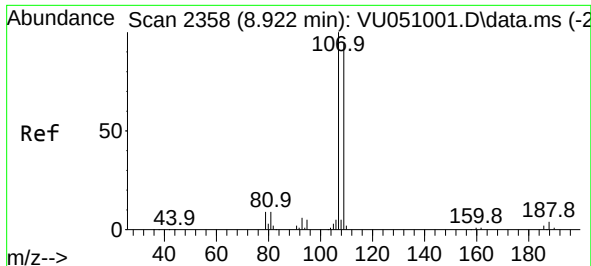


#49
Dibromochloromethane
Concen: 53.915 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 129 Resp: 187669

Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.8	98.0





#50

1,2-Dibromoethane

Concen: 55.564 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

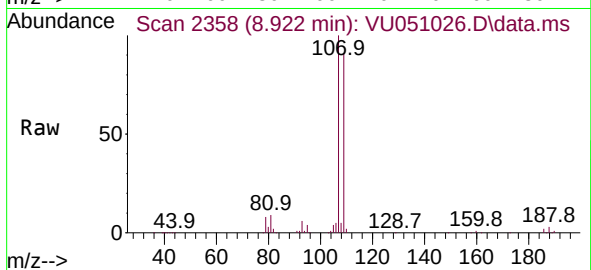
Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :



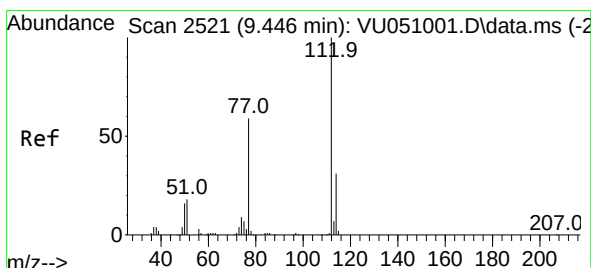
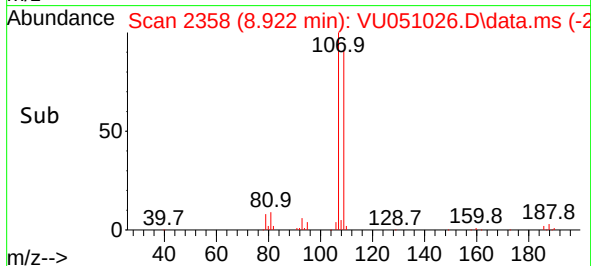
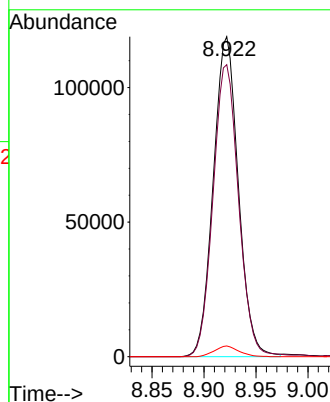
Tgt Ion:107 Resp: 199450

Ion Ratio Lower Upper

107 100

109 91.2 64.1 119.1

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 49.094 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

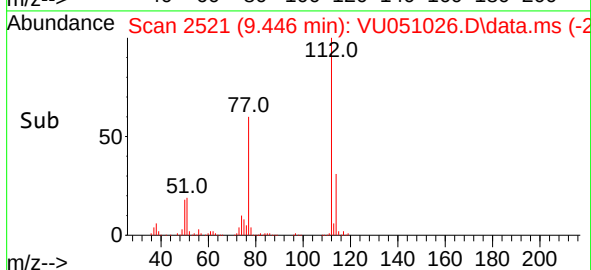
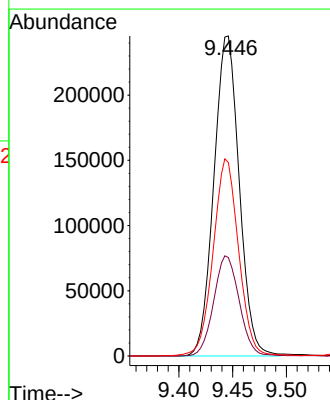
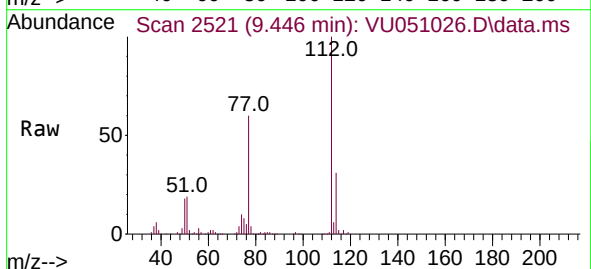
Tgt Ion:112 Resp: 403064

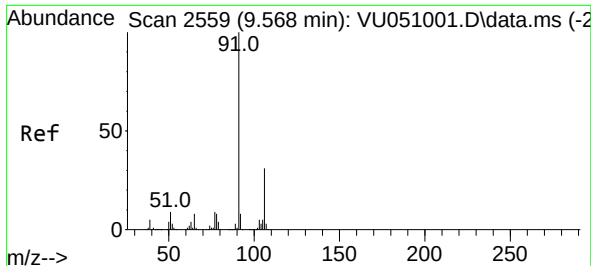
Ion Ratio Lower Upper

112 100

114 30.7 22.3 41.3

77 60.4 48.2 72.2

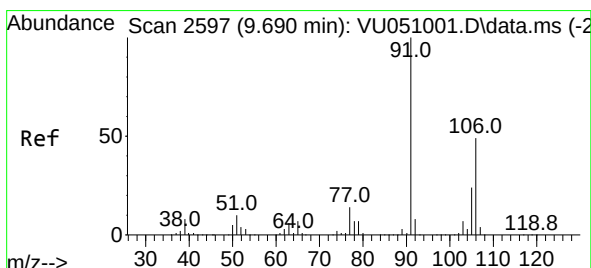
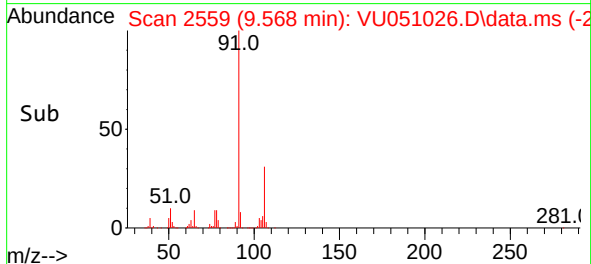
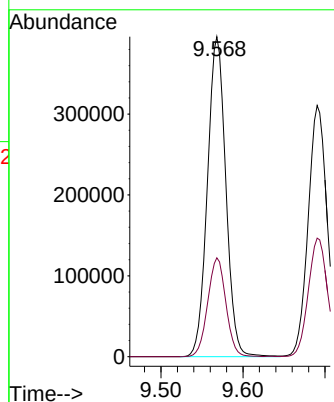
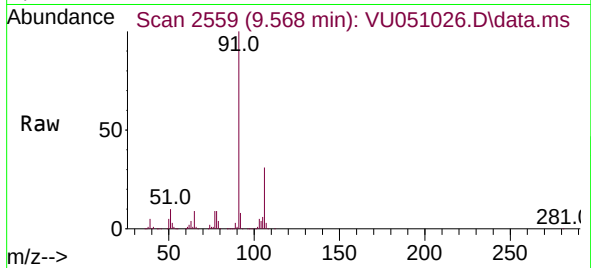




#52
Ethylbenzene
Concen: 47.874 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

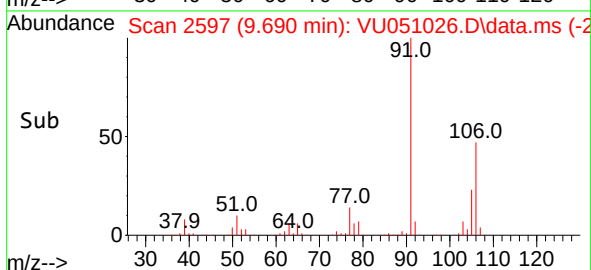
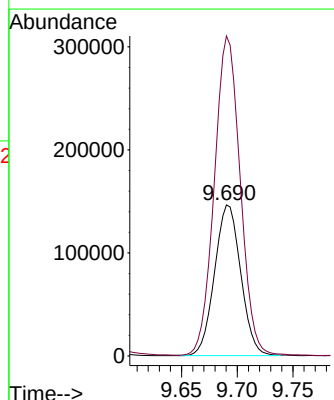
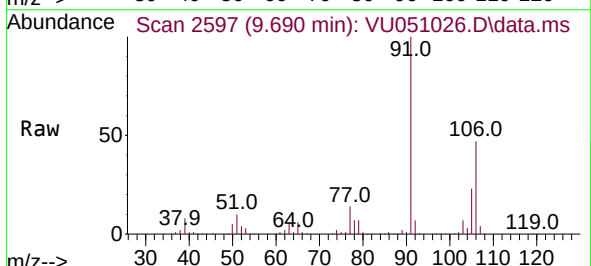
Instrument :
MSVOA_U
ClientSampleId :

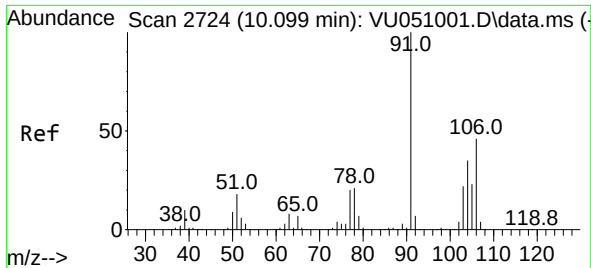
Tgt Ion: 91 Resp: 616492
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 49.305 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 106 Resp: 238760
Ion Ratio Lower Upper
106 100
91 211.8 141.9 263.5

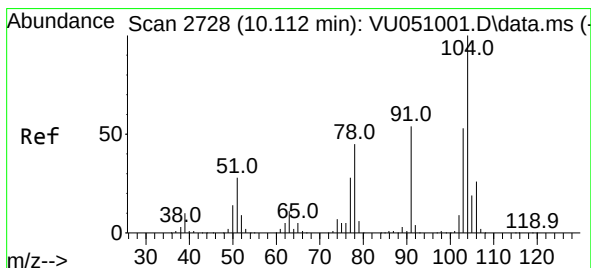
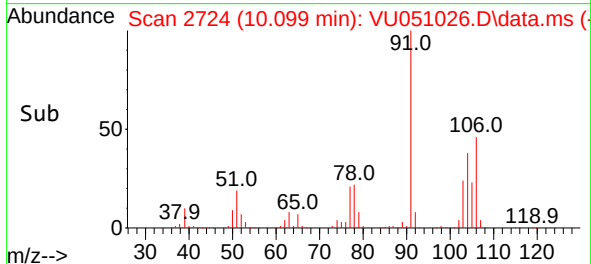
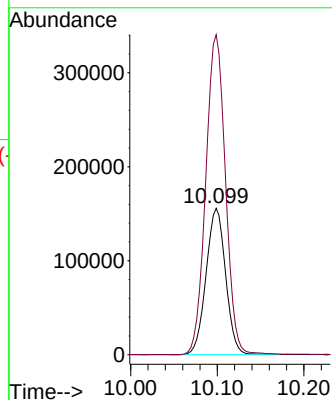
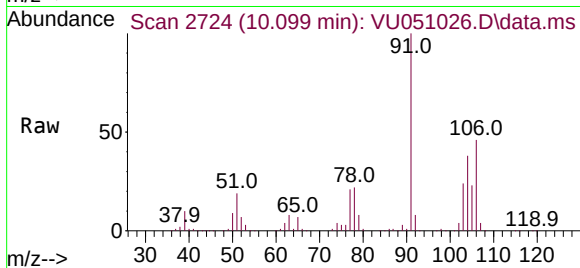




#54
o-Xylene
Concen: 50.488 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

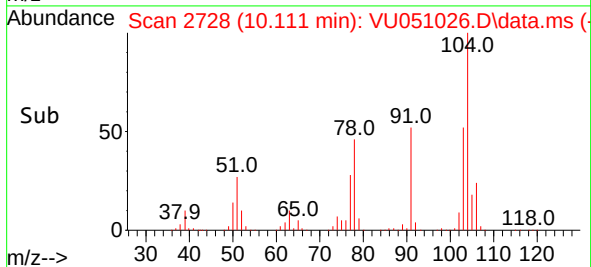
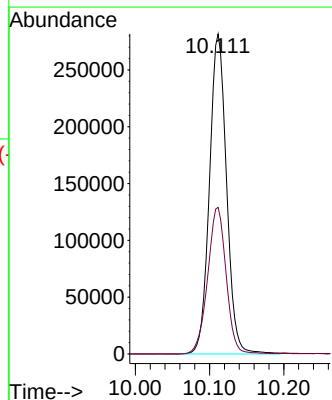
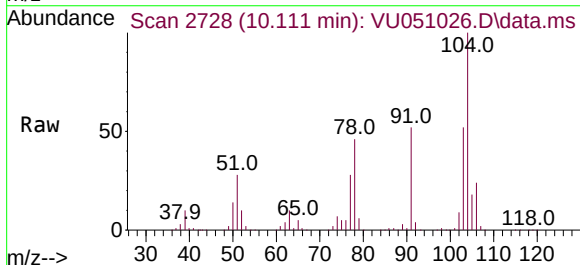
Instrument :
MSVOA_U
ClientSampleId :

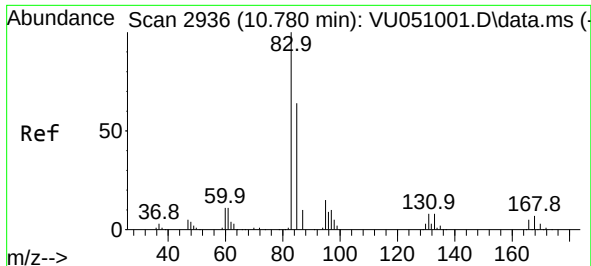
Tgt Ion:106 Resp: 244375
Ion Ratio Lower Upper
106 100
91 218.6 152.4 283.0



#55
Styrene
Concen: 53.713 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion:104 Resp: 449350
Ion Ratio Lower Upper
104 100
78 45.8 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 56.332 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

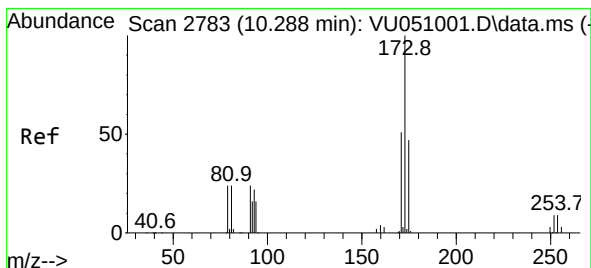
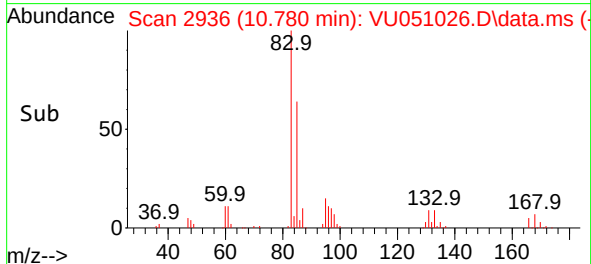
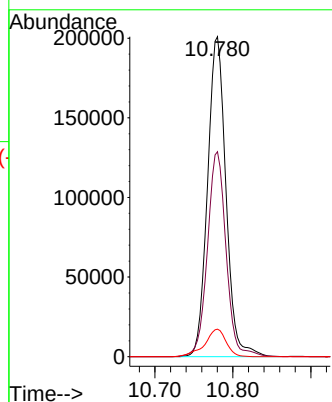
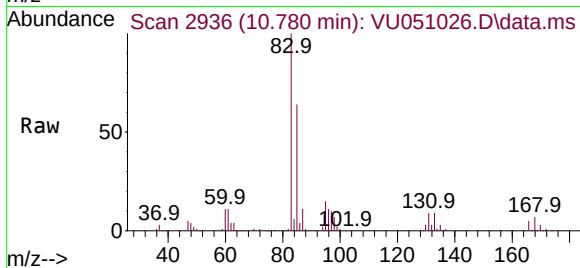
Tgt Ion: 83 Resp: 330067

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

131 8.6 7.0 10.4



#59

Bromoform

Concen: 51.843 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

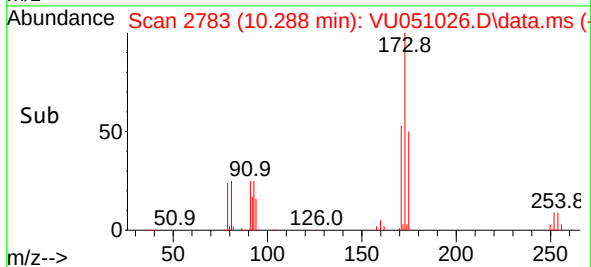
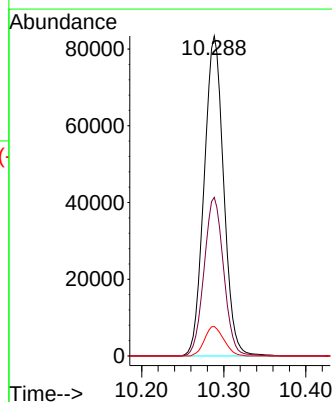
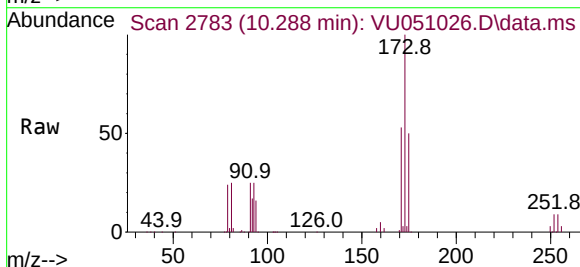
Tgt Ion:173 Resp: 137858

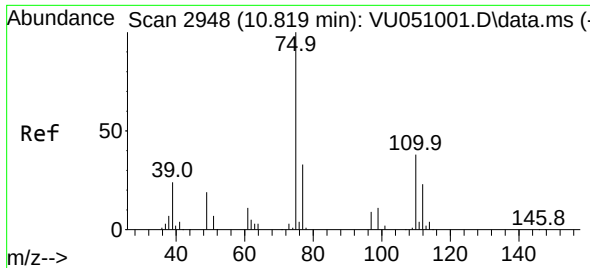
Ion Ratio Lower Upper

173 100

175 49.7 39.4 59.0

254 9.1 7.4 11.0

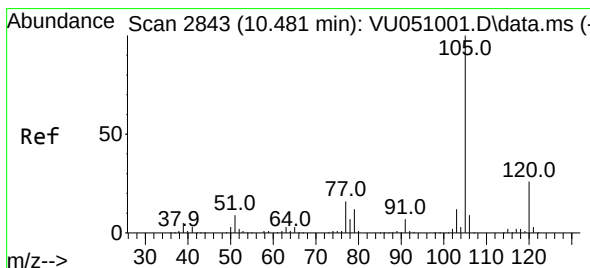
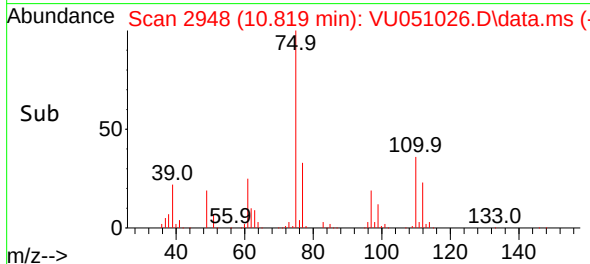
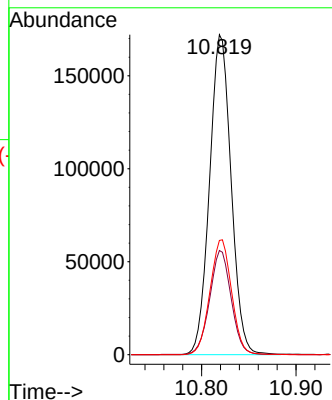
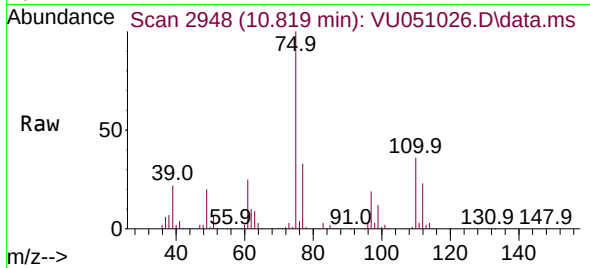




#60
1,2,3-Trichloropropane
Concen: 57.307 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

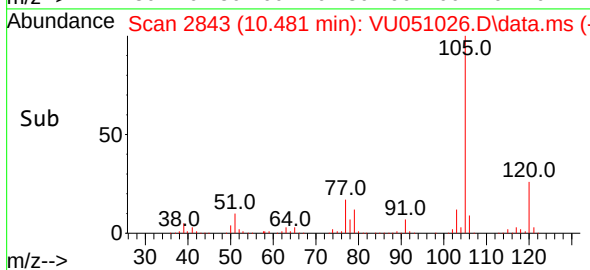
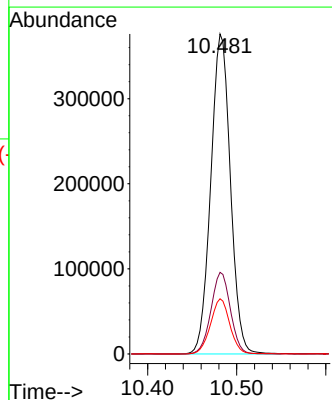
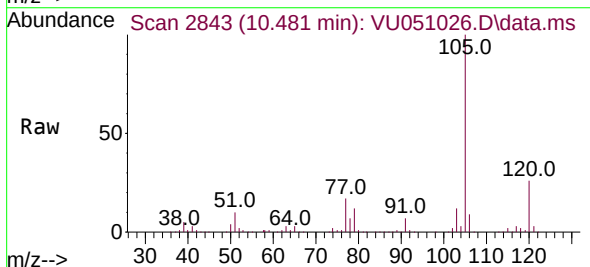
Instrument :
MSVOA_U
ClientSampleId :

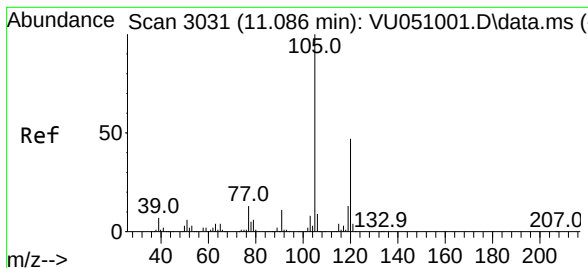
Tgt Ion: 75 Resp: 272550
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 36.1 30.0 45.0



#61
Isopropylbenzene
Concen: 48.940 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

Tgt Ion: 105 Resp: 574564
Ion Ratio Lower Upper
105 100
120 25.3 21.1 31.7
77 17.0 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 49.851 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

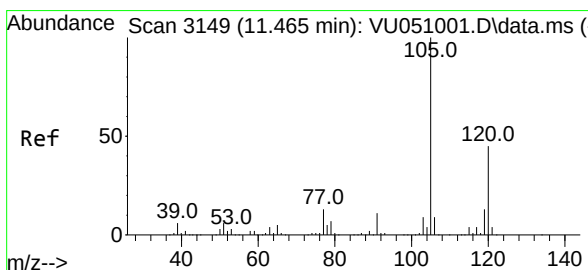
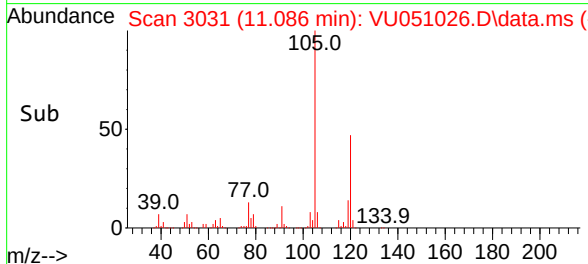
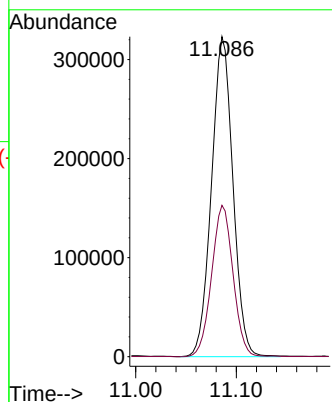
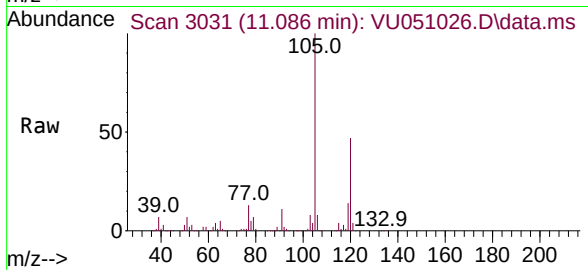
ClientSampleId :

Tgt Ion:105 Resp: 478575

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 51.002 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051026.D

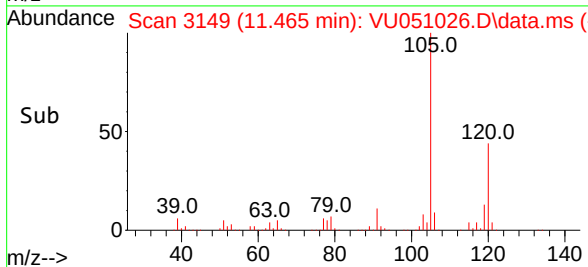
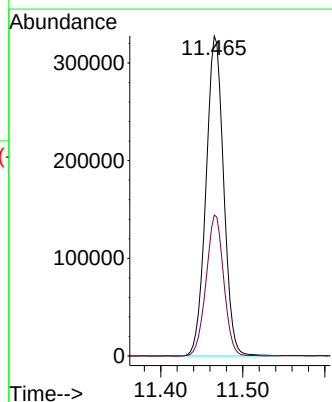
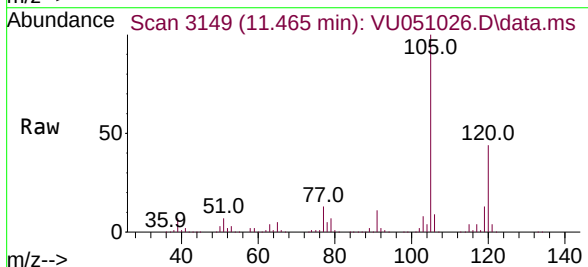
Acq: 30 Sep 2022 11:57

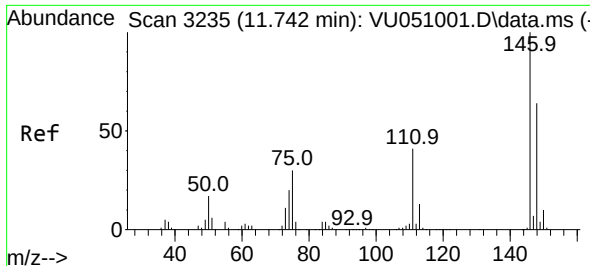
Tgt Ion:105 Resp: 490735

Ion Ratio Lower Upper

105 100

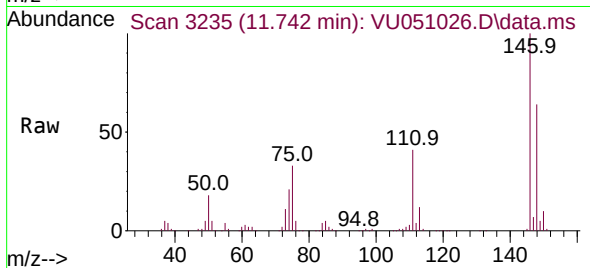
120 44.0 35.5 53.3



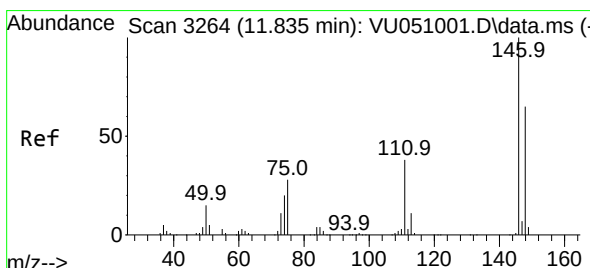
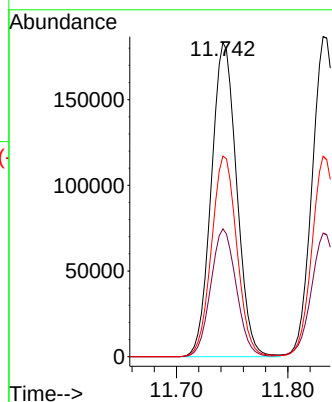
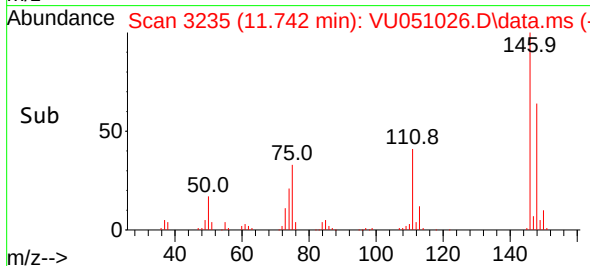


#64
1,3-Dichlorobenzene
Concen: 48.021 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57

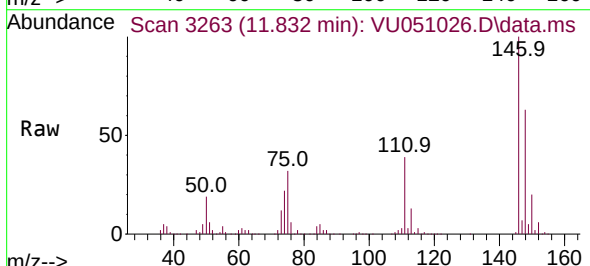
Instrument :
MSVOA_U
ClientSampleId :



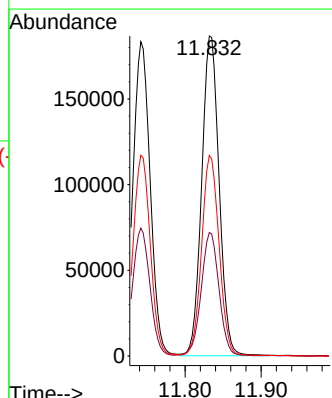
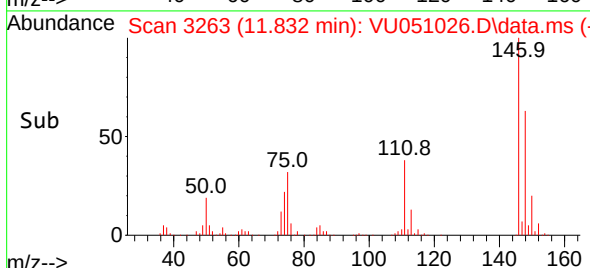
Tgt Ion:146 Resp: 290639
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 63.8 43.5 80.9

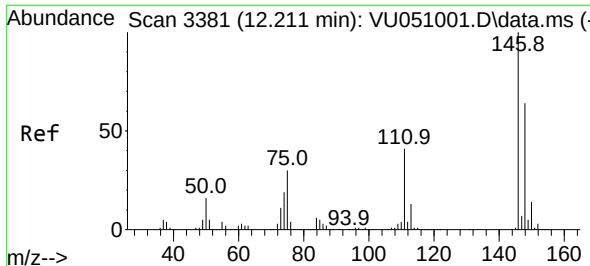


#65
1,4-Dichlorobenzene
Concen: 49.157 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051026.D
Acq: 30 Sep 2022 11:57



Tgt Ion:146 Resp: 297403
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 62.6 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 50.919 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

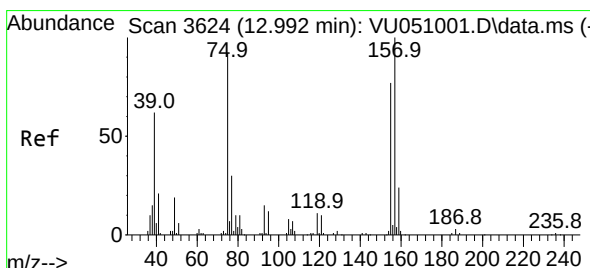
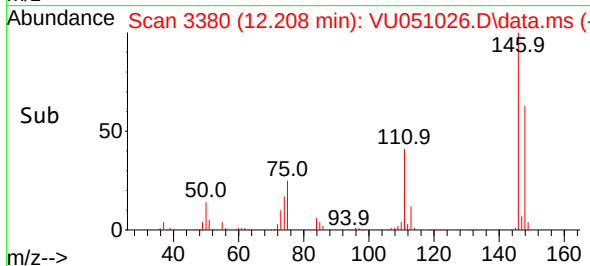
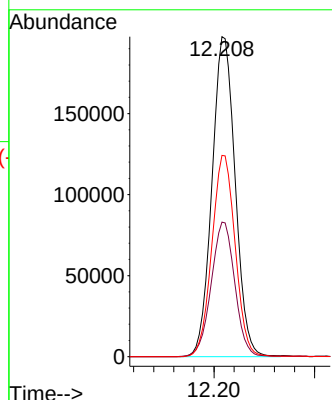
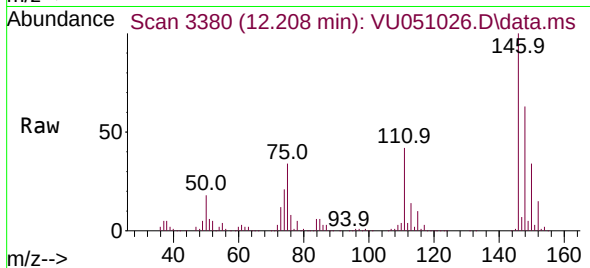
Tgt Ion:146 Resp: 316630

Ion Ratio Lower Upper

146 100

111 42.0 33.7 50.5

148 62.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 57.281 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

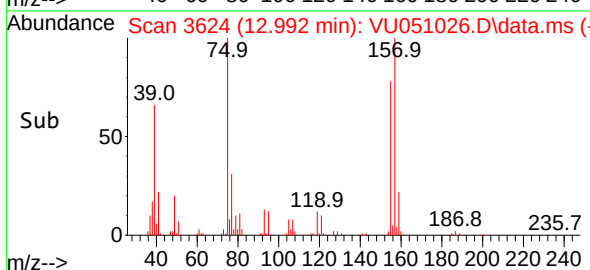
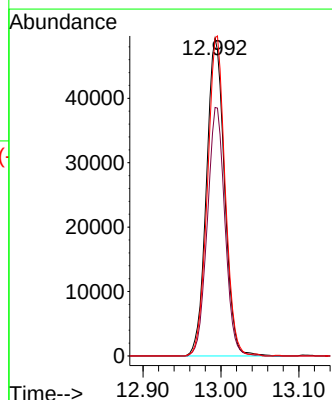
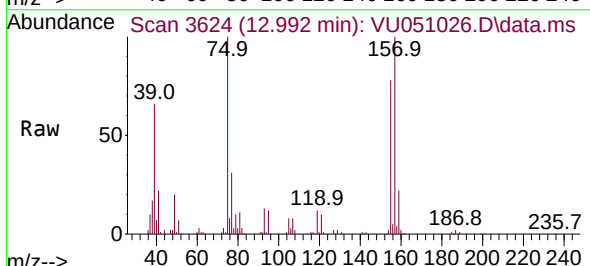
Tgt Ion: 75 Resp: 79501

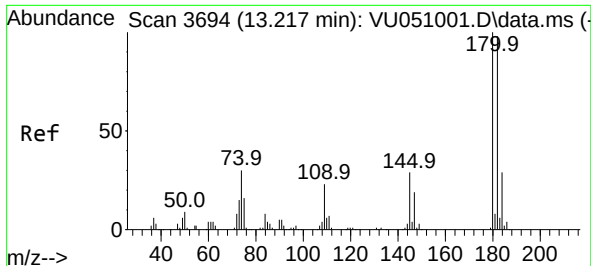
Ion Ratio Lower Upper

75 100

155 78.2 64.4 96.6

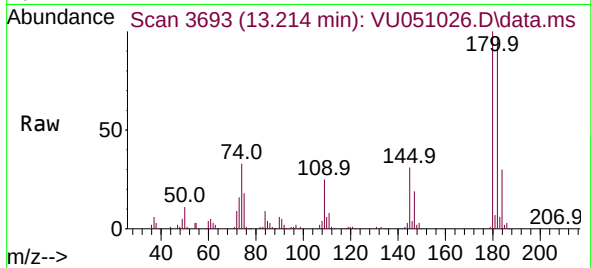
157 100.2 82.2 123.2



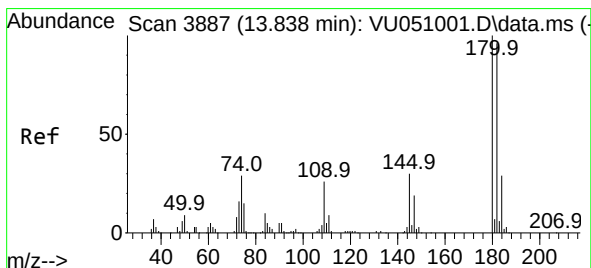
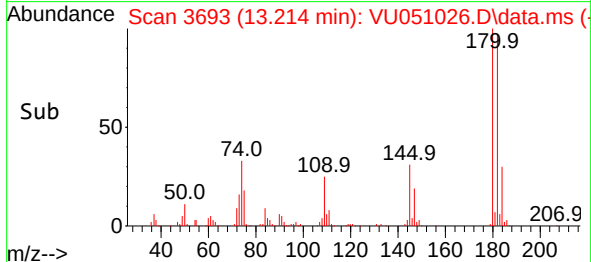
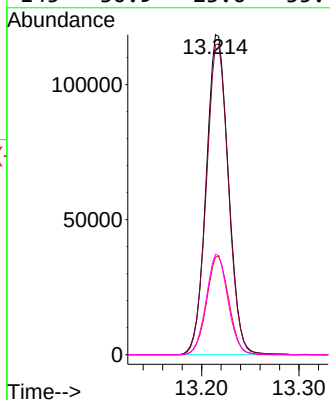


#69
 1,3,5-Trichlorobenzene
 Concen: 45.624 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

Instrument :
 MSVOA_U
 ClientSampleId :

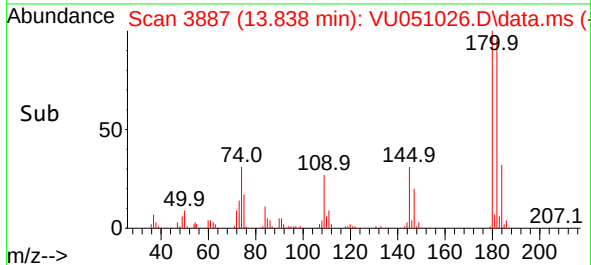
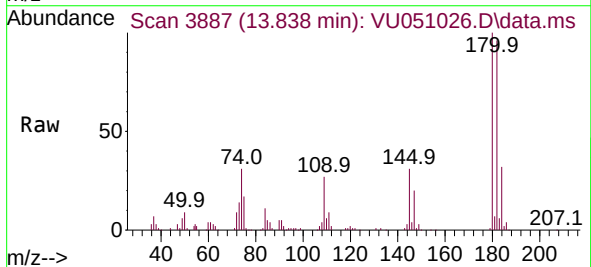
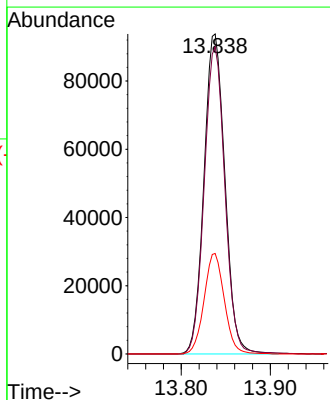


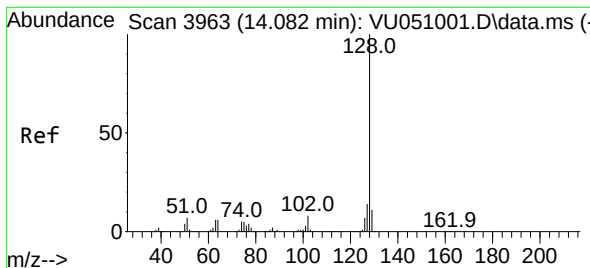
Tgt Ion:180 Resp: 187254
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.0 115.4
 184 30.6 24.4 36.6
 145 30.9 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 45.568 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051026.D
 Acq: 30 Sep 2022 11:57

Tgt Ion:180 Resp: 153022
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.9 113.9
 145 30.4 24.0 36.0





#71

Naphthalene

Concen: 48.696 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

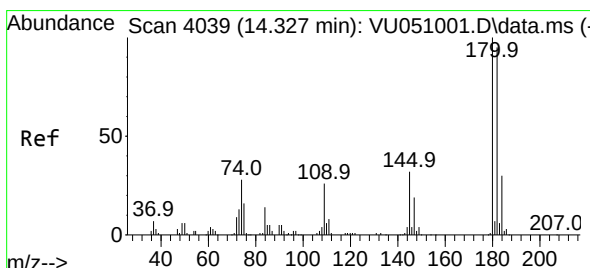
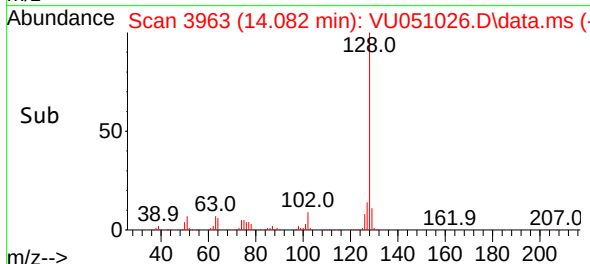
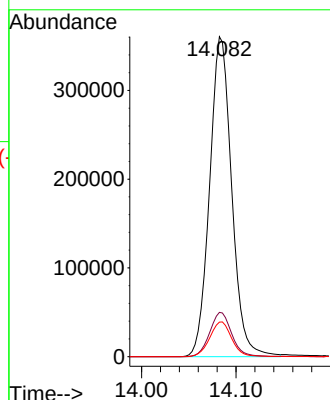
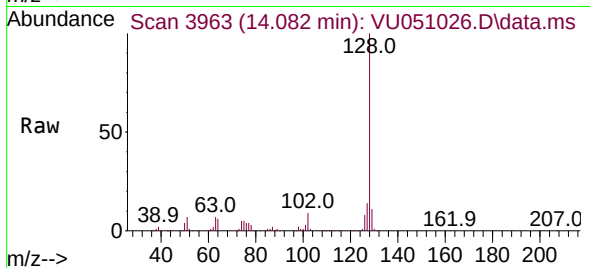
Tgt Ion:128 Resp: 585279

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.831 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051026.D

Acq: 30 Sep 2022 11:57

Tgt Ion:180 Resp: 186728

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 32.7 26.1 39.1

