

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052861.D
 Acq On : 30 Jan 2023 10:47
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 31 07:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	37137	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	16048	1.299	ug/l	0.00
Spiked Amount 1.000			Recovery	=	130.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	15144	1.192	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	110381	8.782	ug/l	99
3) Chloromethane	1.520	50	74964	6.286	ug/l	99
4) Vinyl Chloride	1.604	62	88999	7.728	ug/l	99
5) Bromomethane	1.858	94	68405	11.430	ug/l	100
6) Chloroethane	1.932	64	75476	10.896	ug/l	98
7) Trichlorofluoromethane	2.137	101	200189	11.933	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	109226	11.908	ug/l	99
9) 1,1-Dichloroethene	2.581	96	97522	11.253	ug/l	98
10) Iodomethane	2.723	142	125496	13.083	ug/l	95
11) Allyl Chloride	2.922	41	122988	11.877	ug/l	98
12) Acrylonitrile	3.314	53	44930	24.454	ug/l	95
13) Acetone	2.636	43	162667	62.425	ug/l	96
14) Carbon Disulfide	2.793	76	280065	9.647	ug/l	99
15) Methylene Chloride	3.044	84	111975	10.698	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	107571	11.158	ug/l	96
17) 1,1-Dichloroethane	3.864	63	199922	12.280	ug/l	99
18) 2-Butanone	4.716	43	192699	63.650	ug/l	96
19) Cyclohexane	5.382	56	145368	10.153	ug/l	93
20) Methylcyclohexane	6.758	83	169795	10.630	ug/l	97
21) 2,2-Dichloropropane	4.661	77	187478	12.399	ug/l	99
22) cis-1,2-Dichloroethene	4.661	96	120144	11.923	ug/l	98
23) Diethyl Ether	2.375	59	70832	11.563	ug/l	98
24) tert-Butyl Alcohol	3.231	59	80921	109.702	ug/l	# 30
25) Methyl tert-Butyl Ether	3.362	73	251391	12.646	ug/l	99
26) Bromochloromethane	4.970	128	50932	10.826	ug/l	94
27) Chloroform	5.086	83	216276	12.393	ug/l	98
28) 1,1,1-Trichloroethane	5.311	97	204074	12.663	ug/l	98
29) 1,1-Dichloropropene	5.520	75	151623	11.159	ug/l	99
30) Carbon Tetrachloride	5.520	117	177734	12.155	ug/l	98
31) Isopropyl Ether	3.993	45	285179	12.186	ug/l	98
32) Ethyl-t-butyl ether	4.504	59	279369	12.786	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	229518	11.878	ug/l	99
34) Propionitrile	4.787	54	43484	62.733	ug/l	# 9
35) Benzene	5.771	78	436265	11.066	ug/l	99
36) 1,2-Dichloroethane	5.793	62	137684	11.628	ug/l	99
37) Trichloroethene	6.539	130	116317	10.823	ug/l	100
38) 1,2-Dichloropropane	6.790	63	113038	11.302	ug/l	100
39) Methacrylonitrile	4.976	41	34264	12.376	ug/l	98
40) Methyl acrylate	4.848	55	55533	11.316	ug/l	98
41) Tetrahydrofuran	5.063	42	32484	23.588	ug/l	91
42) 1-Chlorobutane	5.452	56	200071	11.518	ug/l	100
43) Dibromomethane	6.915	93	55842	11.030	ug/l	99
44) Bromodichloromethane	7.102	83	156947	11.427	ug/l	97

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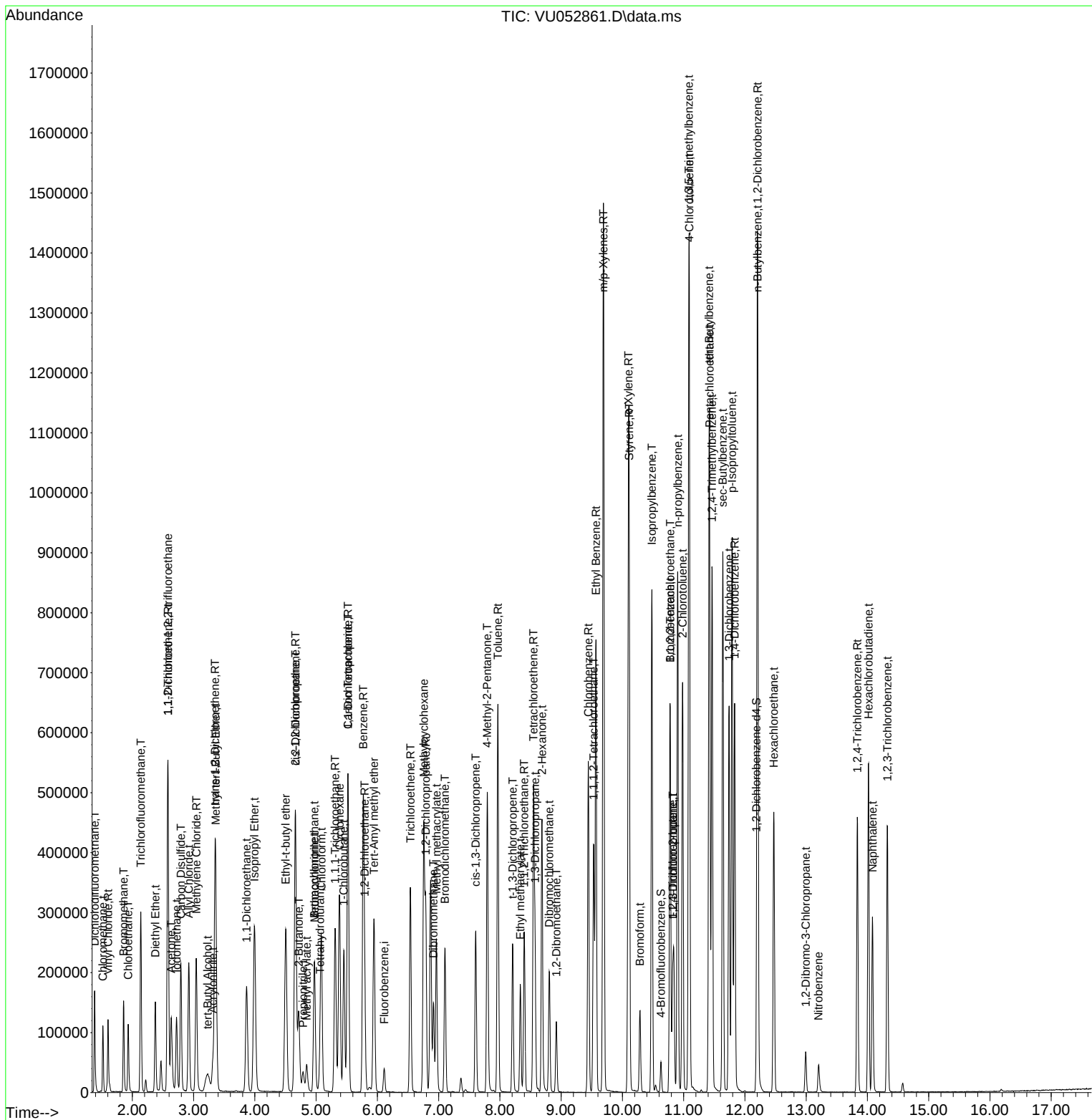
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 MSVOA_U
 ClientSampleId :

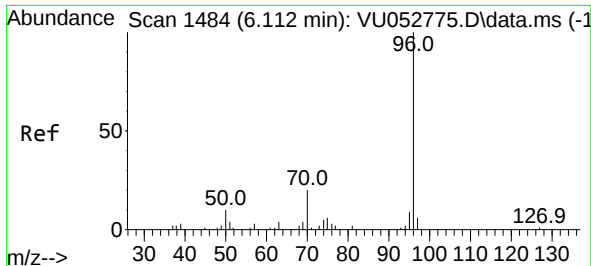
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	302431	56.847	ug/l	99
46) t-1,4-Dichloro-2-butene	10.822	75	125897	45.134	ug/l #	59
47) Methyl methacrylate	6.964	69	104616	23.246	ug/l	98
48) Ethyl methacrylate	8.333	69	94192	11.545	ug/l	99
49) Toluene	7.967	92	273376	11.421	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	135231	11.289	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	157067	11.146	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	81811	11.364	ug/l	98
53) 1,3-Dichloropropane	8.574	76	139769	11.231	ug/l	97
54) 2-Hexanone	8.687	43	270496	58.118	ug/l	99
55) Dibromochloromethane	8.806	129	106403	11.300	ug/l	98
56) 1,2-Dibromoethane	8.922	107	74253	10.834	ug/l	98
58) Tetrachloroethene	8.549	164	108728	11.211	ug/l	97
59) Chlorobenzene	9.443	112	294232	11.294	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.529	131	116283	11.533	ug/l	98
61) Pentachloroethane	11.423	117	91330	11.057	ug/l	100
62) Hexachloroethane	12.471	117	96351	11.545	ug/l	100
63) Ethyl Benzene	9.568	91	508444	12.049	ug/l	99
64) m/p-Xylenes	9.690	106	419282	24.922	ug/l	99
65) o-Xylene	10.098	106	199254	12.274	ug/l	99
66) Styrene	10.111	104	332408	10.594	ug/l	98
67) Bromoform	10.285	173	60081	10.812	ug/l	99
69) Isopropylbenzene	10.481	105	518246	12.545	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	102175	11.385	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	125897	16.206	ug/l	82
72) Bromobenzene	10.780	156	122780	11.702	ug/l	98
73) n-propylbenzene	10.902	120	149180	10.672	ug/l	99
74) 2-Chlorotoluene	10.983	126	129322	12.393	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	463585	10.888	ug/l	99
76) 4-Chlorotoluene	11.092	126	136994	12.792	ug/l	99
77) tert-Butylbenzene	11.417	119	449081	12.501	ug/l	99
78) 1,2,4-Trimethylbenzene	11.462	105	470459	10.797	ug/l	99
79) sec-Butylbenzene	11.639	105	589764	10.561	ug/l	99
80) Nitrobenzene	13.201	77	27756	49.966	ug/l	94
81) p-Isopropyltoluene	11.790	119	515862	10.636	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	259237	12.102	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	271422	12.620	ug/l	98
84) n-Butylbenzene	12.205	91	440256	10.340	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	246559	12.196	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	18733	11.269	ug/l	94
87) 1,2,4-Trichlorobenzene	13.835	180	144204	11.893	ug/l	97
88) Hexachlorobutadiene	14.018	225	104095	12.249	ug/l	99
89) Naphthalene	14.082	128	240374	10.226	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	140110	12.174	ug/l	99

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

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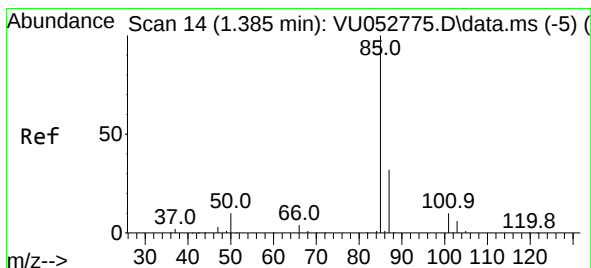
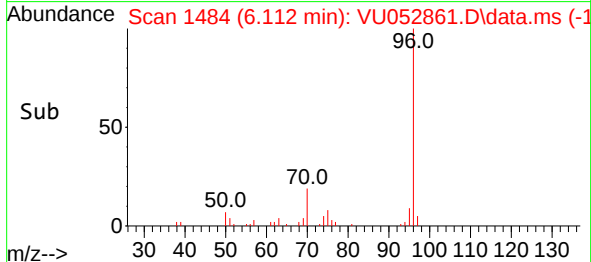
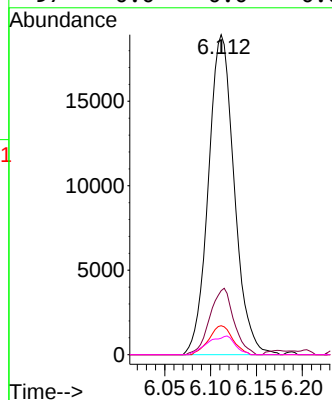
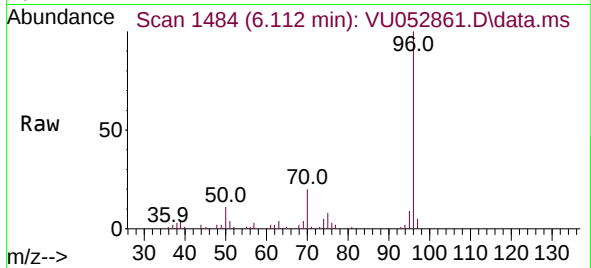




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

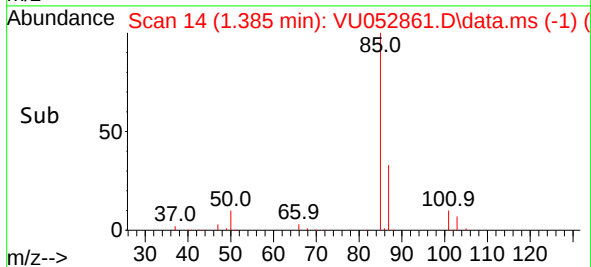
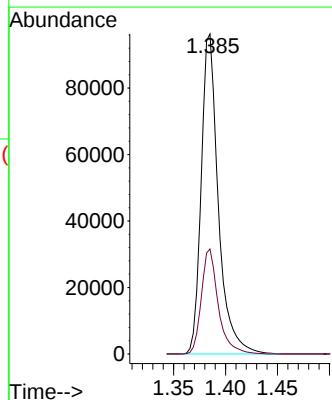
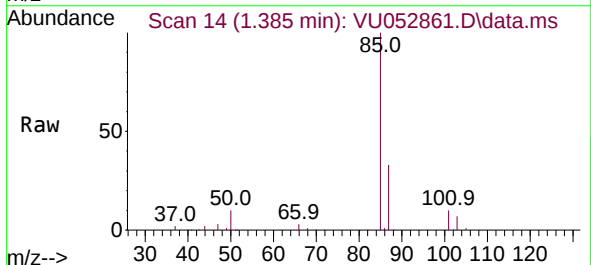
Instrument :
MSVOA_U
ClientSampleId :

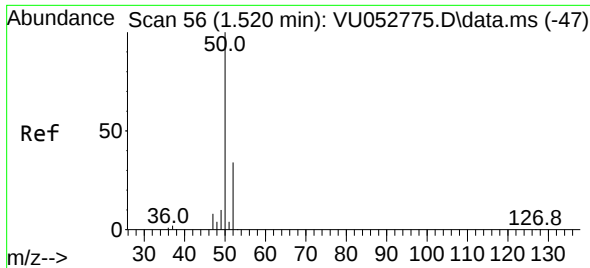
Tgt Ion: 96	Resp: 37137
Ion Ratio	Lower Upper
96 100	
70 19.2	16.2 24.4
95 8.3	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.782 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 85	Resp: 110381
Ion Ratio	Lower Upper
85 100	
87 32.8	16.1 48.2

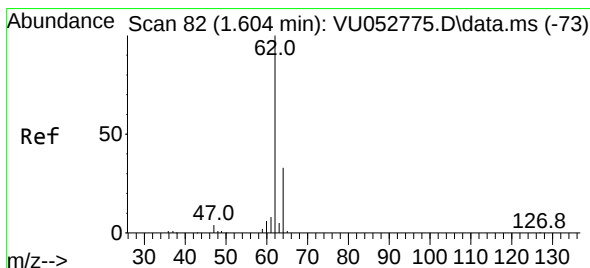
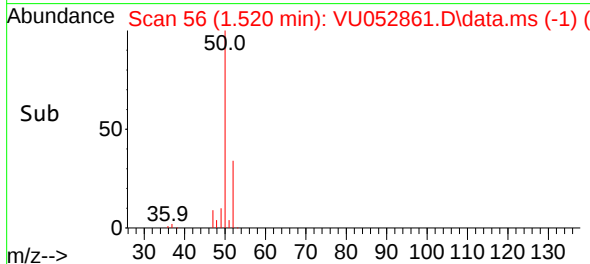
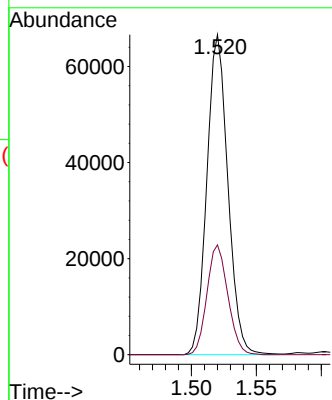
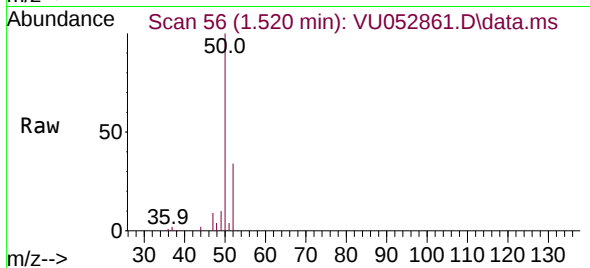




#3
Chloromethane
Concen: 6.286 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

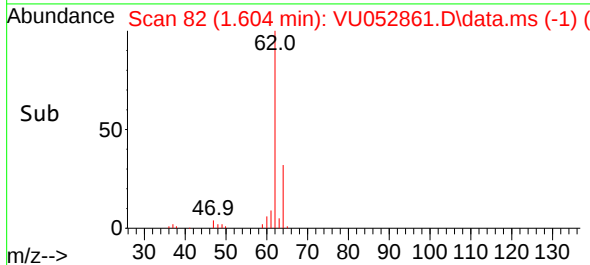
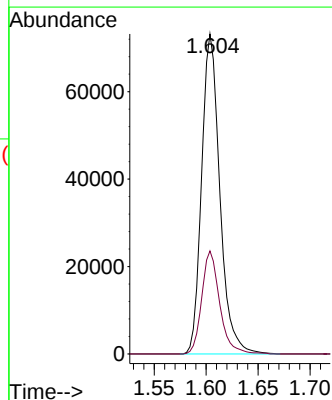
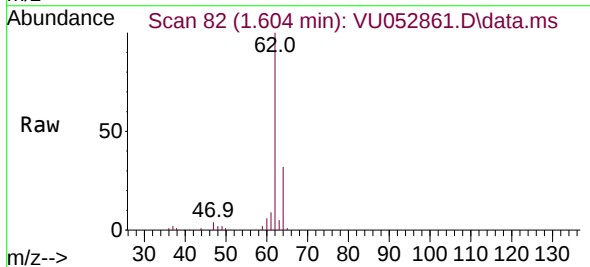
Instrument :
MSVOA_U
ClientSampleId :

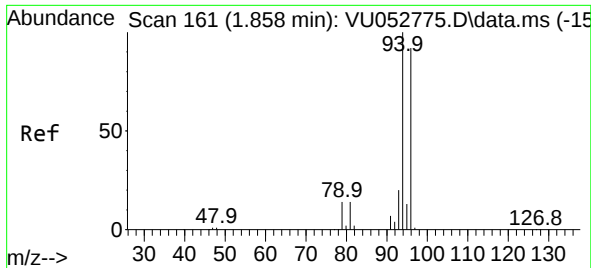
Tgt Ion: 50 Resp: 74964
Ion Ratio Lower Upper
50 100
52 34.3 26.8 40.2



#4
Vinyl Chloride
Concen: 7.728 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 62 Resp: 88999
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

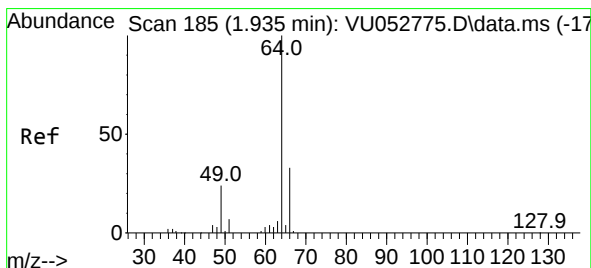
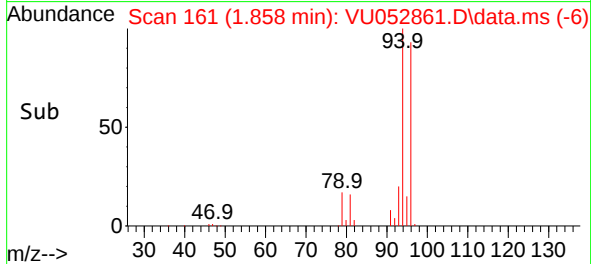
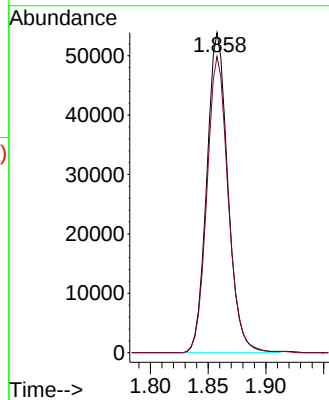
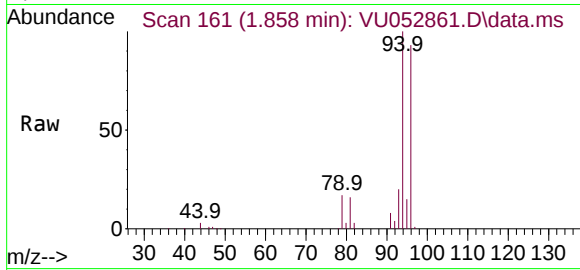




#5
Bromomethane
Concen: 11.430 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

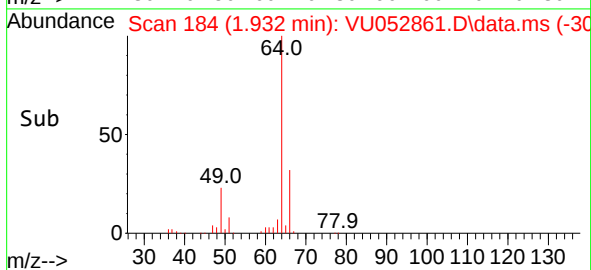
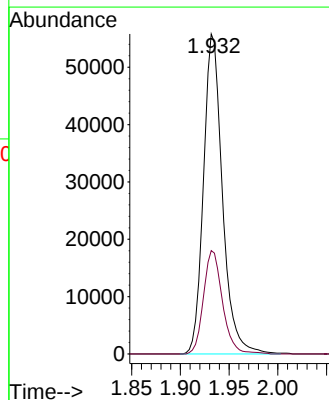
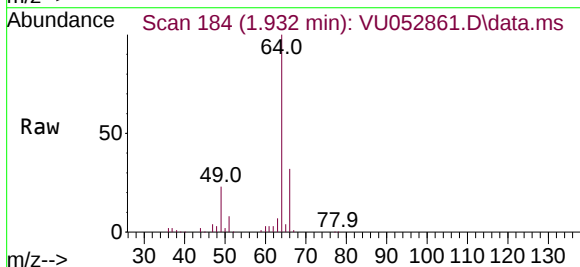
Instrument :
MSVOA_U
ClientSampleId :

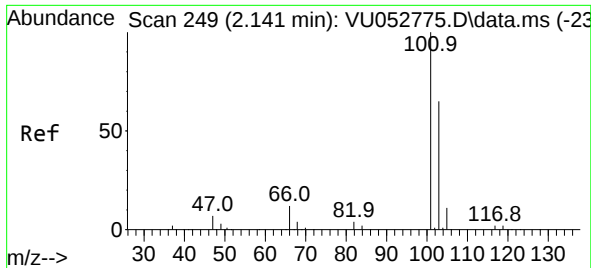
Tgt Ion: 94 Resp: 68405
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.6



#6
Chloroethane
Concen: 10.896 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

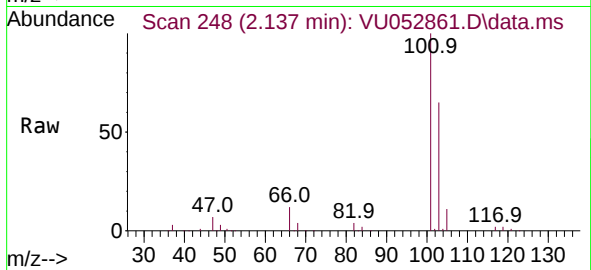
Tgt Ion: 64 Resp: 75476
Ion Ratio Lower Upper
64 100
66 32.3 26.6 40.0



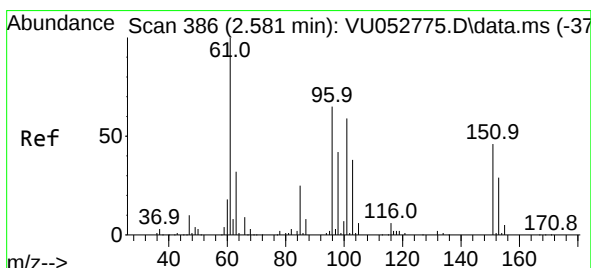
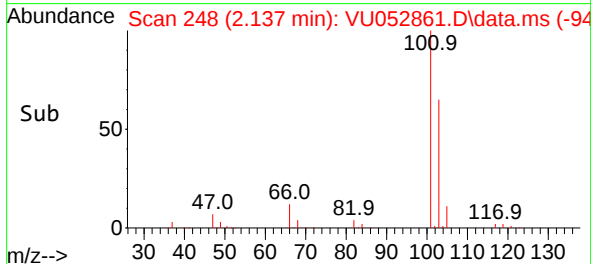
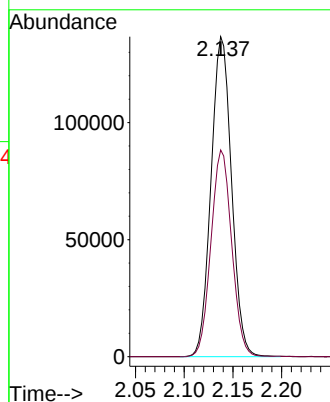


#7
 Trichlorofluoromethane
 Concen: 11.933 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47

Instrument :
 MSVOA_U
 ClientSampleId :

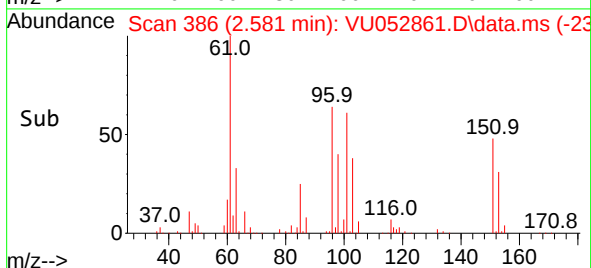
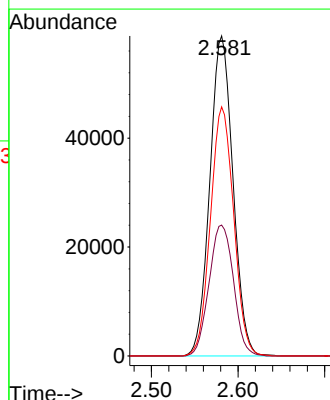
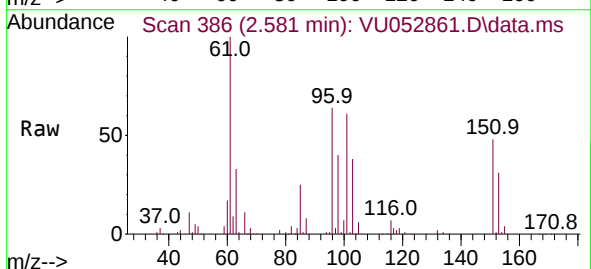


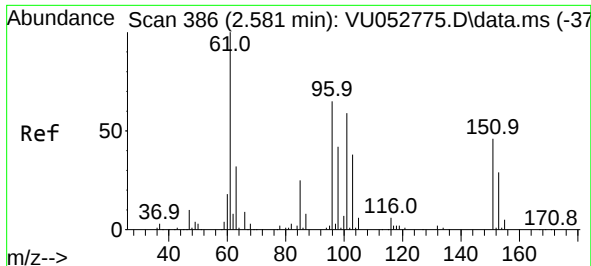
Tgt Ion:101 Resp: 200189
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.908 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47

Tgt Ion:101 Resp: 109226
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.1 51.1
 151 78.3 63.0 94.4

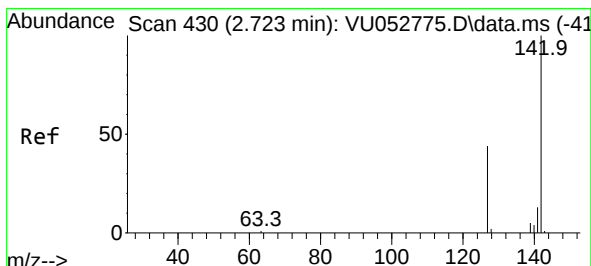
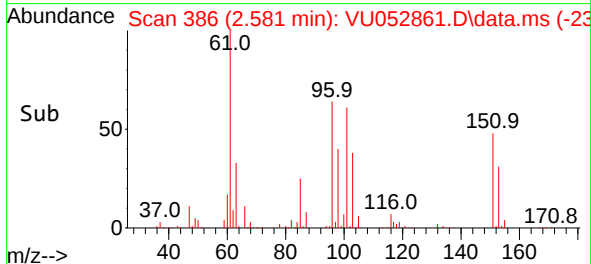
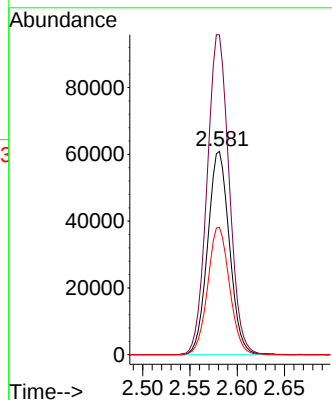
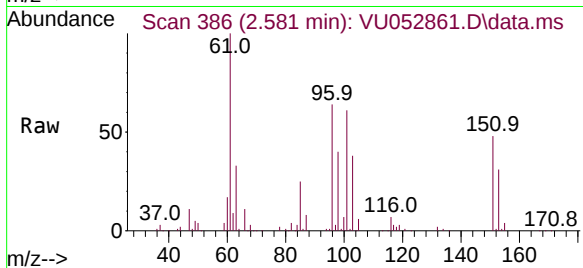




#9
1,1-Dichloroethene
Concen: 11.253 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
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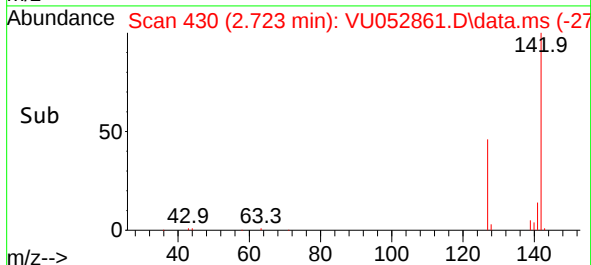
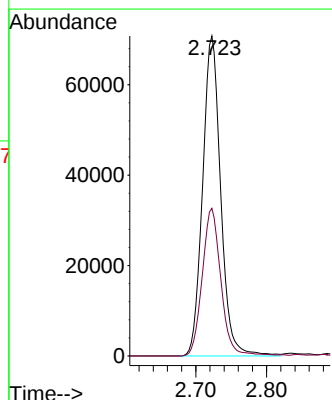
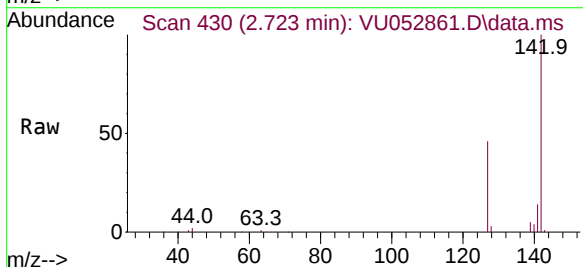
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ClientSampleId :

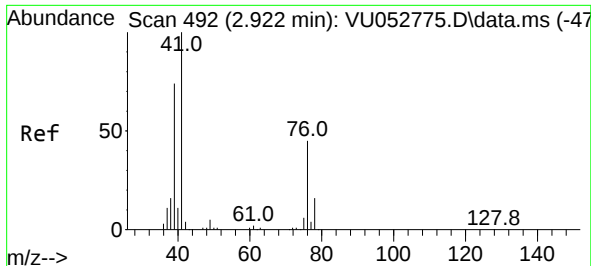
Tgt Ion: 96 Resp: 97522
Ion Ratio Lower Upper
96 100
61 157.1 0.0 460.5
98 62.6 0.0 128.0



#10
Iodomethane
Concen: 13.083 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:142 Resp: 125496
Ion Ratio Lower Upper
142 100
127 47.6 35.4 53.0





#11

Allyl Chloride

Concen: 11.877 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

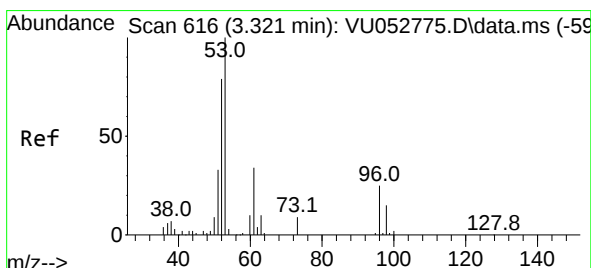
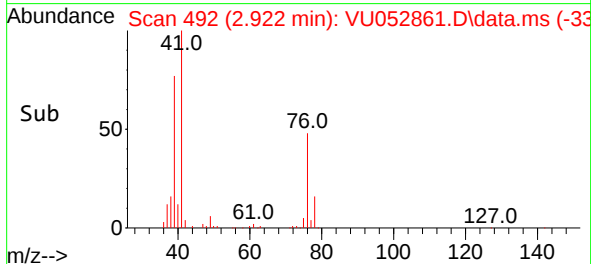
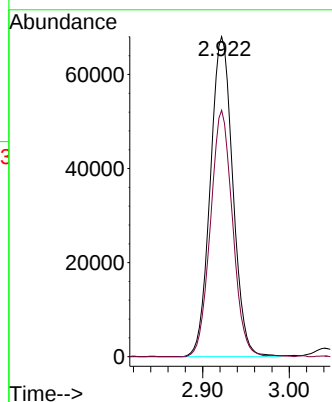
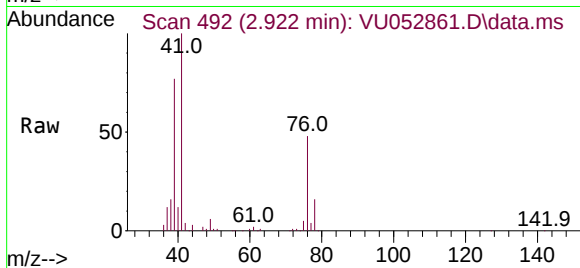
ClientSampleId :

Tgt Ion: 41 Resp: 122988

Ion Ratio Lower Upper

41 100

39 75.5 59.3 88.9



#12

Acrylonitrile

Concen: 24.454 ug/l

RT: 3.314 min Scan# 614

Delta R.T. -0.007 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

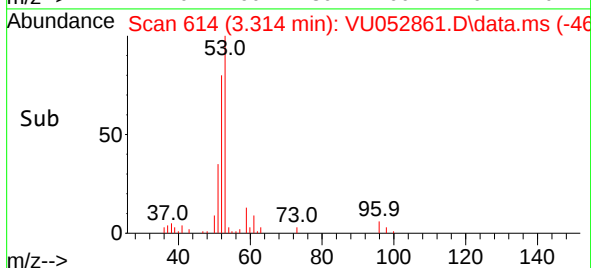
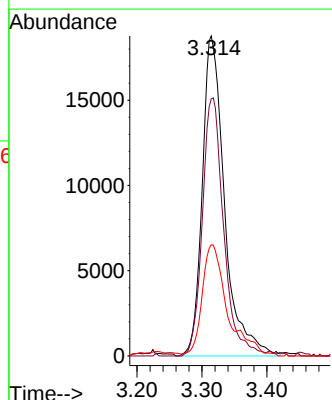
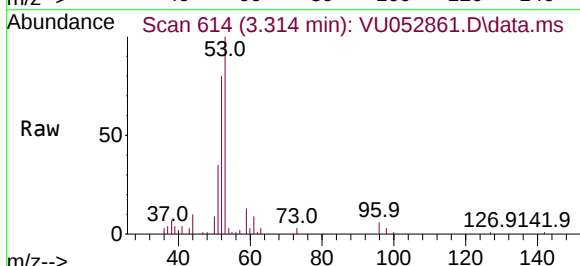
Tgt Ion: 53 Resp: 44930

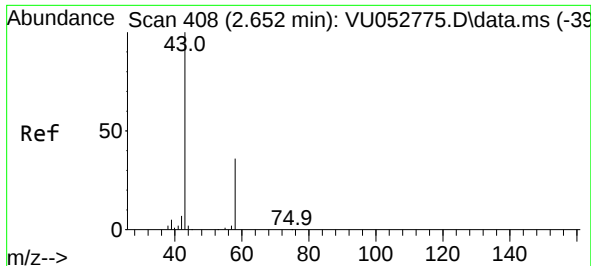
Ion Ratio Lower Upper

53 100

52 77.0 63.0 94.4

51 32.9 31.3 46.9





#13

Acetone

Concen: 62.425 ug/l

RT: 2.636 min Scan# 408

Delta R.T. -0.016 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

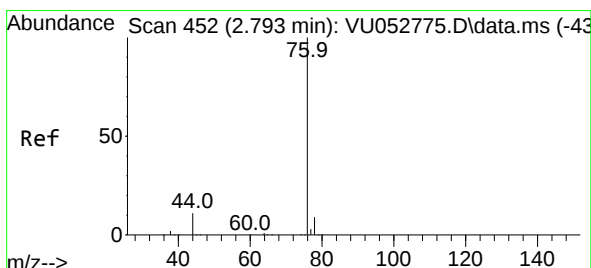
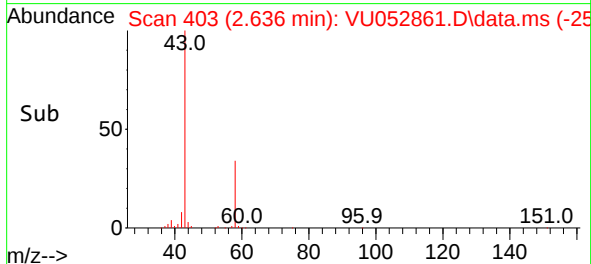
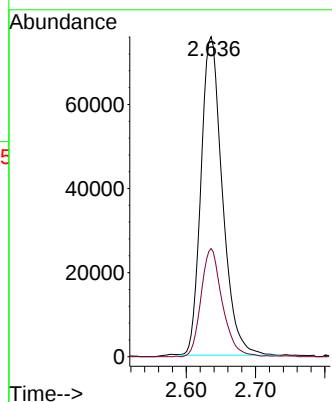
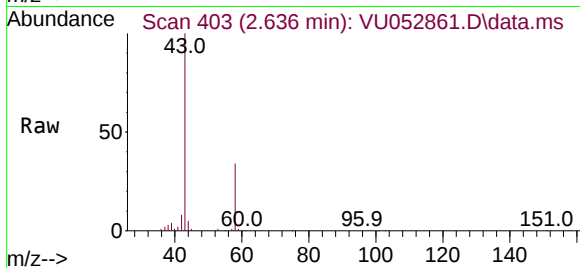
ClientSampleId :

Tgt Ion: 43 Resp: 162667

Ion Ratio Lower Upper

43 100

58 33.9 29.0 43.4



#14

Carbon Disulfide

Concen: 9.647 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052861.D

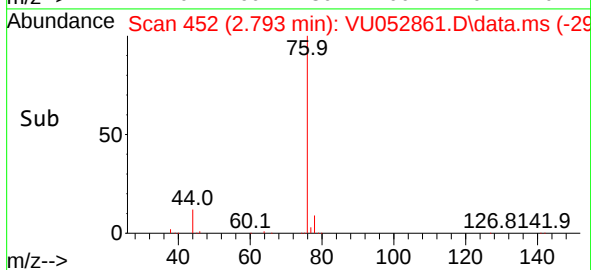
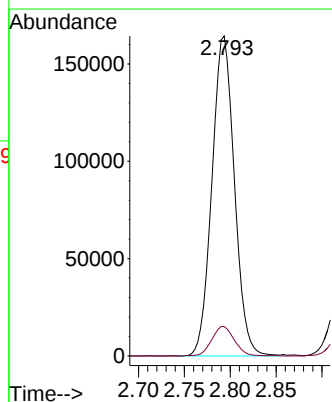
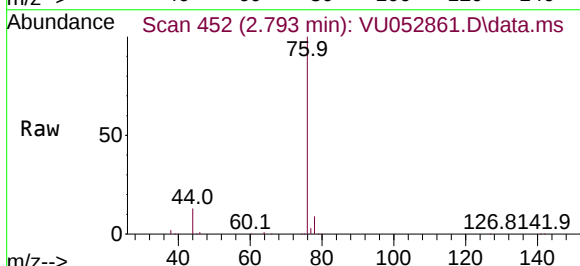
Acq: 30 Jan 2023 10:47

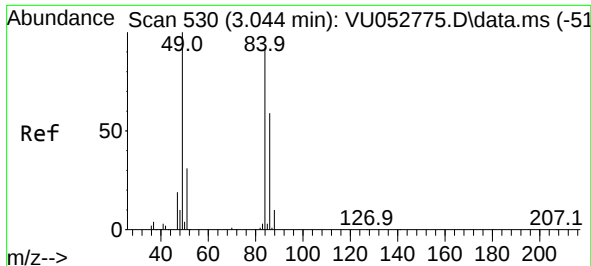
Tgt Ion: 76 Resp: 280065

Ion Ratio Lower Upper

76 100

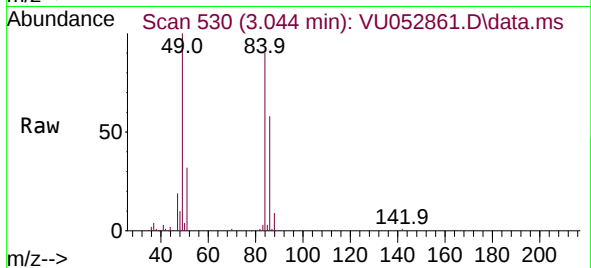
78 9.2 7.1 10.7



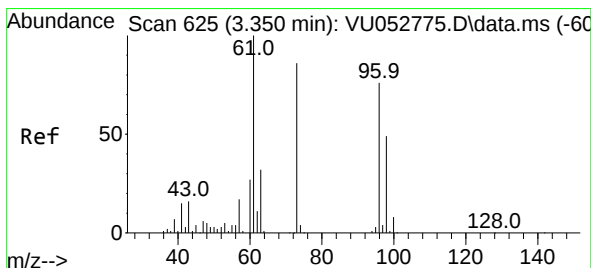
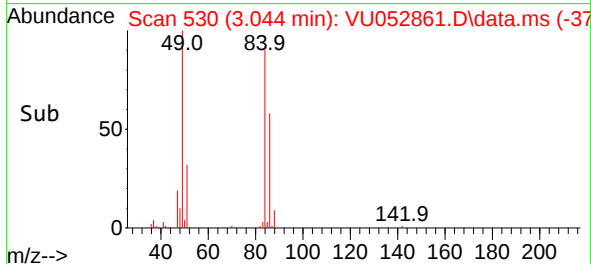
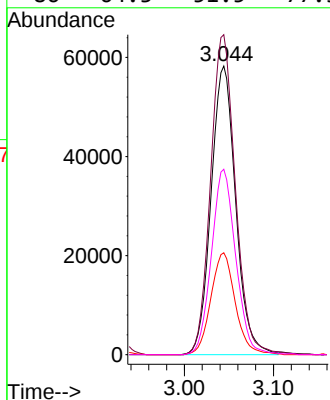


#15
Methylene Chloride
Concen: 10.698 ug/l
RT: 3.044 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Instrument :
MSVOA_U
ClientSampleId :

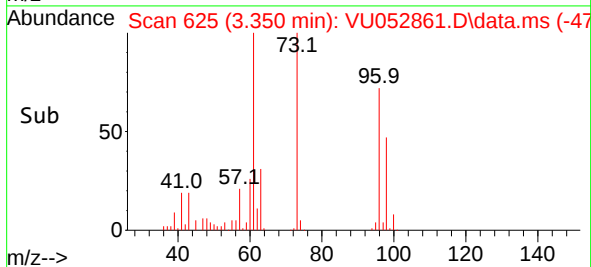
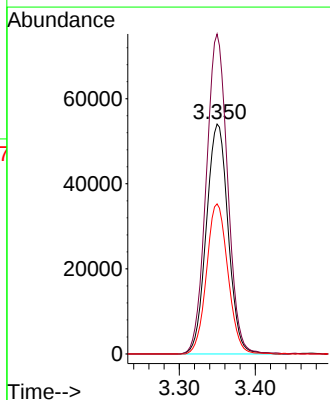
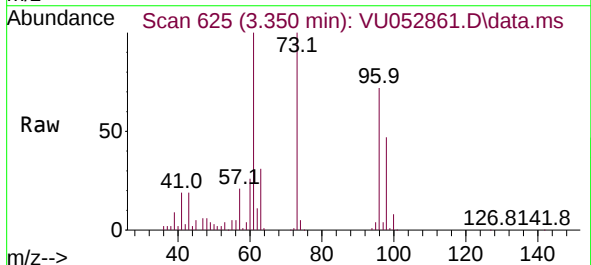


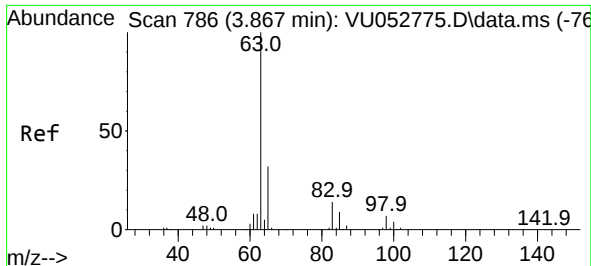
Tgt Ion: 84 Resp: 111975
Ion Ratio Lower Upper
84 100
49 110.9 86.7 130.1
51 35.3 0.0 66.8
86 64.3 51.5 77.3



#16
trans-1,2-Dichloroethene
Concen: 11.158 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 96 Resp: 107571
Ion Ratio Lower Upper
96 100
61 139.2 105.7 158.5
98 65.3 51.4 77.2

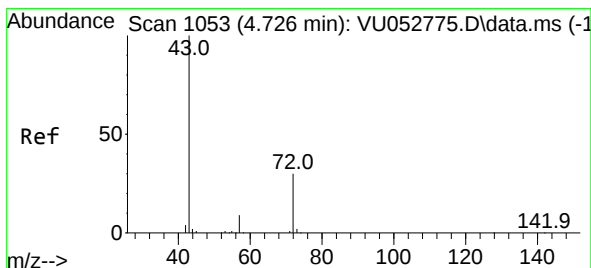
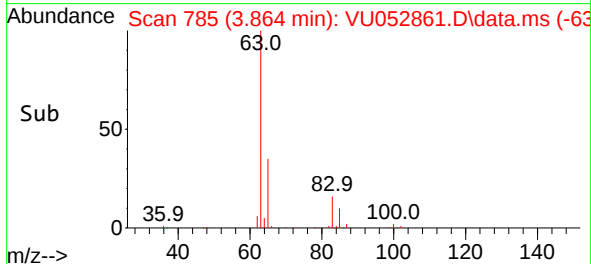
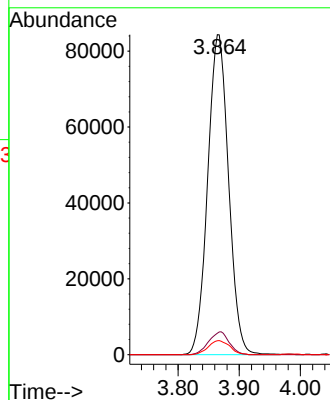
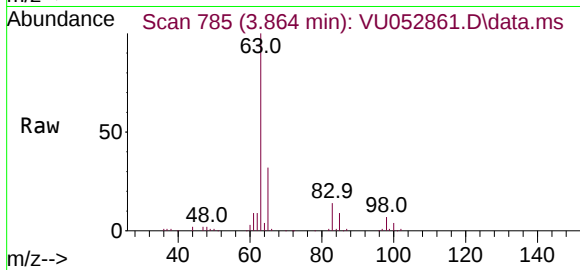




#17
1,1-Dichloroethane
Concen: 12.280 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

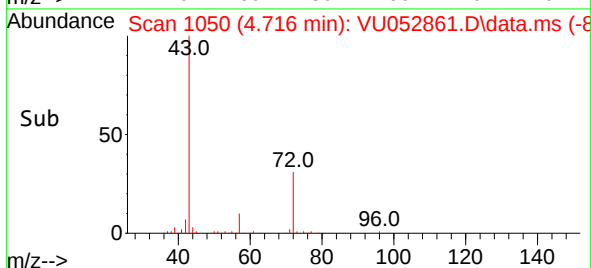
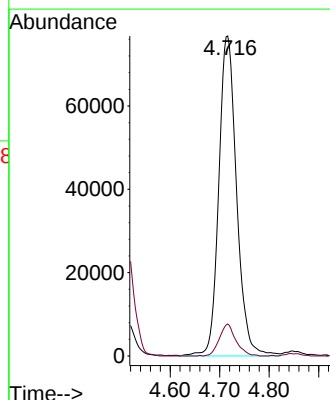
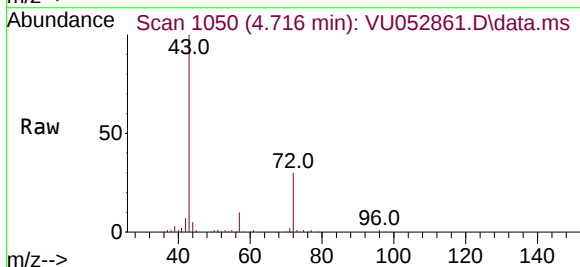
Instrument :
MSVOA_U
ClientSampleId :

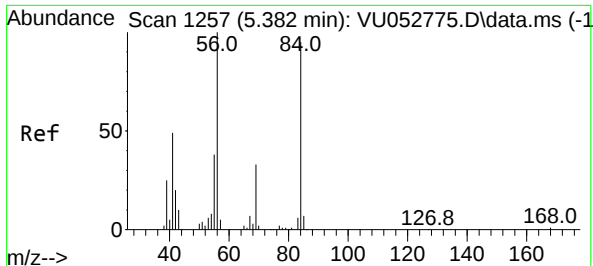
Tgt Ion: 63 Resp: 199922
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.2
100 4.4 2.2 6.6



#18
2-Butanone
Concen: 63.650 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.010 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 43 Resp: 192699
Ion Ratio Lower Upper
43 100
57 10.0 0.0 17.4





#19

Cyclohexane

Concen: 10.153 ug/l

RT: 5.382 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

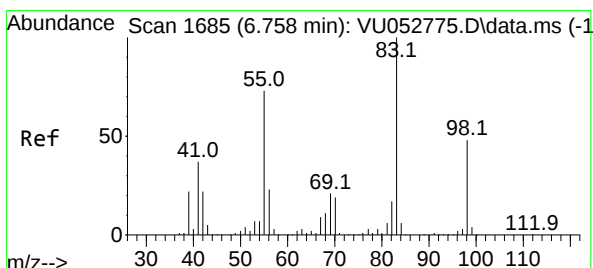
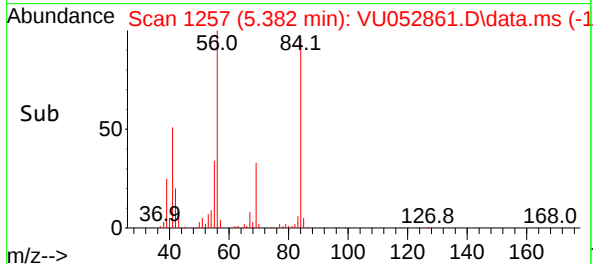
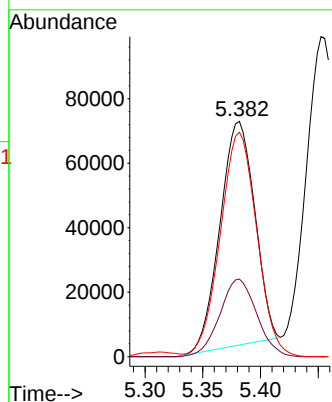
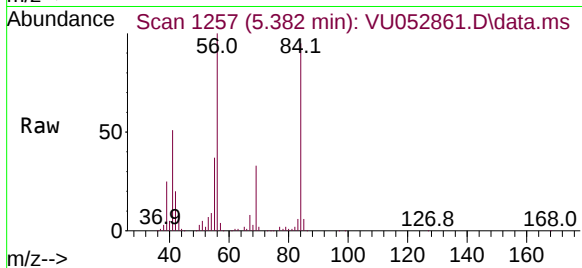
Tgt Ion: 56 Resp: 145368

Ion Ratio Lower Upper

56 100

69 36.8 26.8 40.2

84 103.8 77.0 115.6



#20

Methylcyclohexane

Concen: 10.630 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

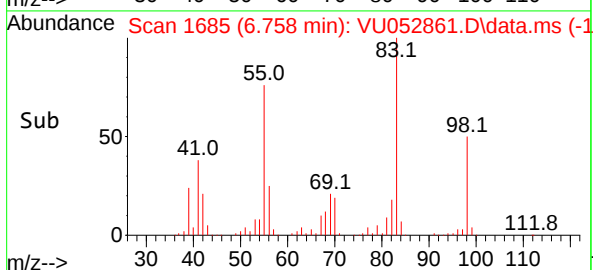
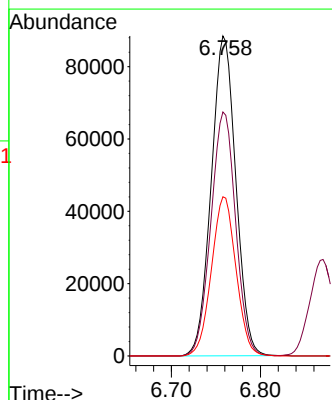
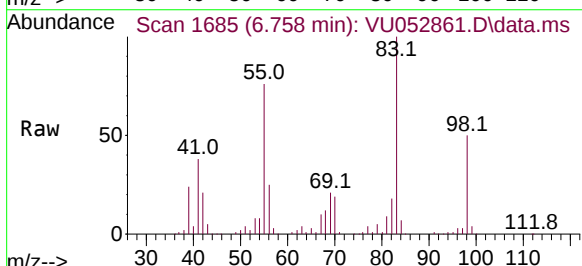
Tgt Ion: 83 Resp: 169795

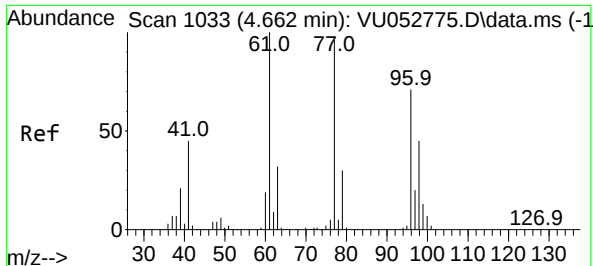
Ion Ratio Lower Upper

83 100

55 76.8 58.7 88.1

98 49.7 39.4 59.2





#21

2,2-Dichloropropane

Concen: 12.399 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

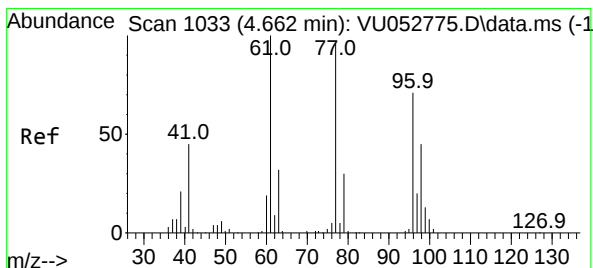
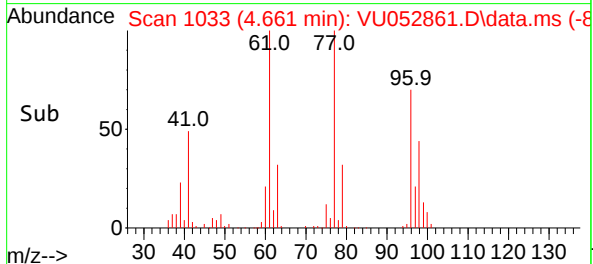
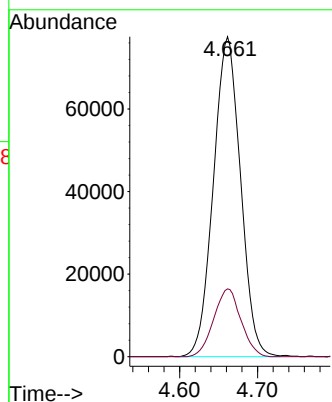
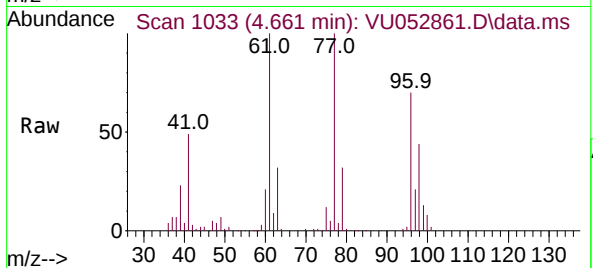
ClientSampleId :

Tgt Ion: 77 Resp: 187478

Ion Ratio Lower Upper

77 100

97 21.3 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 11.923 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

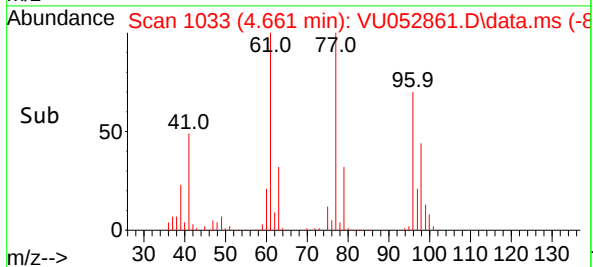
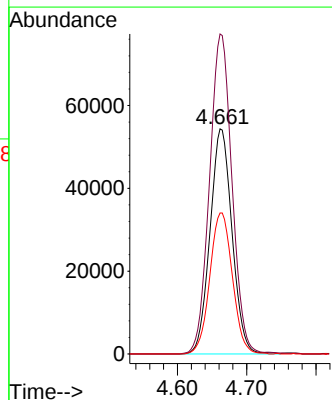
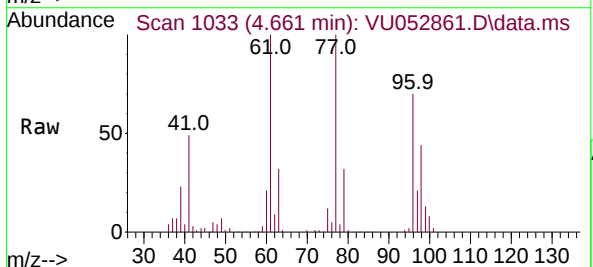
Tgt Ion: 96 Resp: 120144

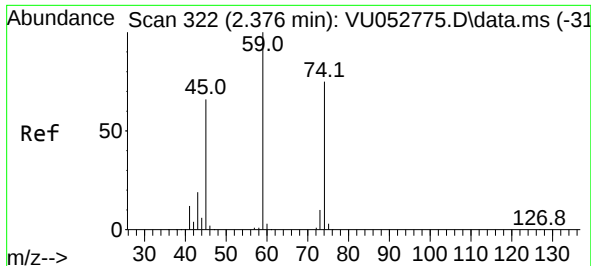
Ion Ratio Lower Upper

96 100

61 144.4 0.0 353.3

98 64.1 32.6 97.7

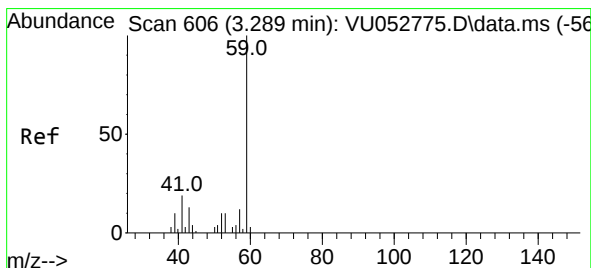
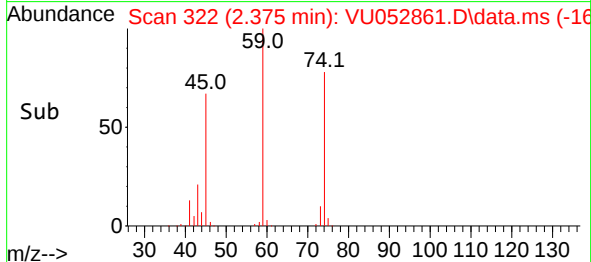
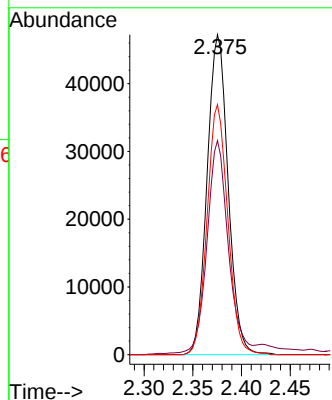
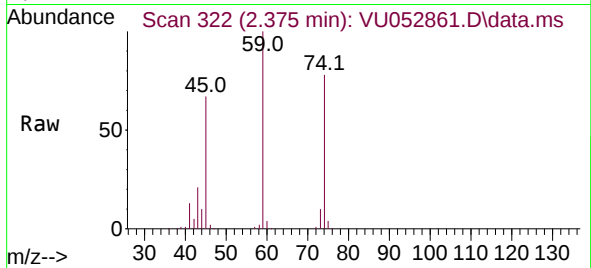




#23
Diethyl Ether
Concen: 11.563 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

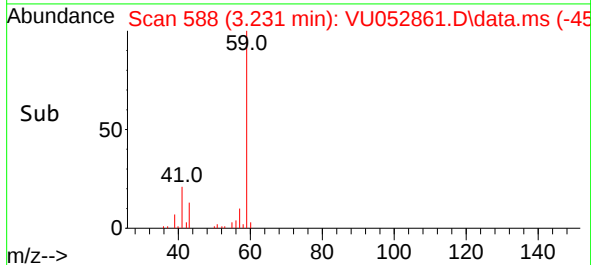
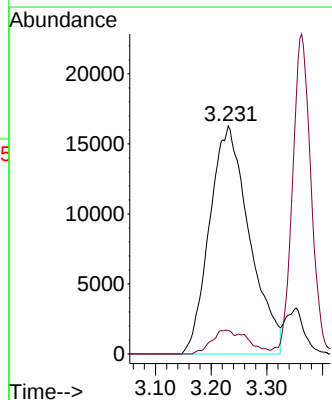
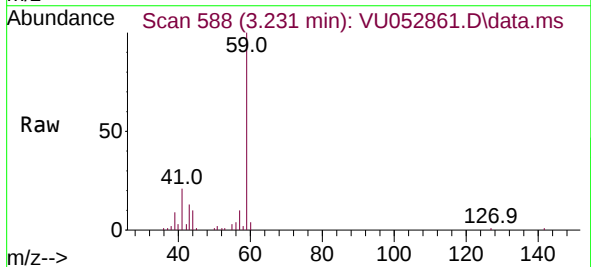
Instrument :
MSVOA_U
ClientSampleId :

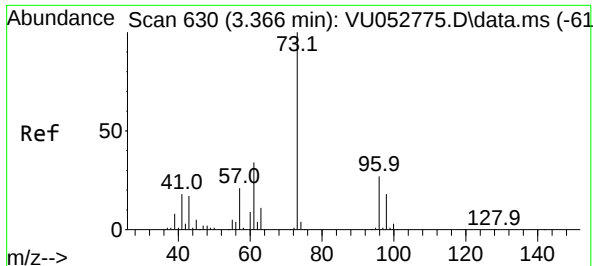
Tgt Ion: 59 Resp: 70832
Ion Ratio Lower Upper
59 100
45 68.7 52.1 78.1
74 77.1 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 109.702 ug/l
RT: 3.231 min Scan# 588
Delta R.T. -0.058 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 59 Resp: 80921
Ion Ratio Lower Upper
59 100
57 5.8 45.8 68.8#

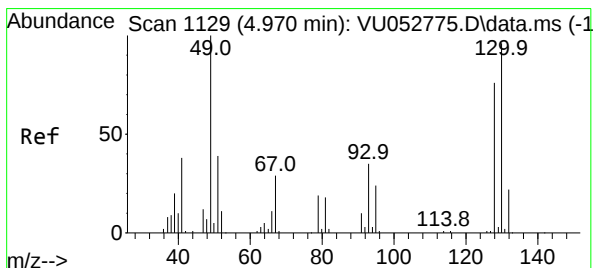
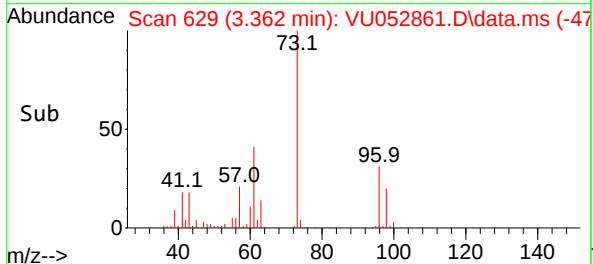
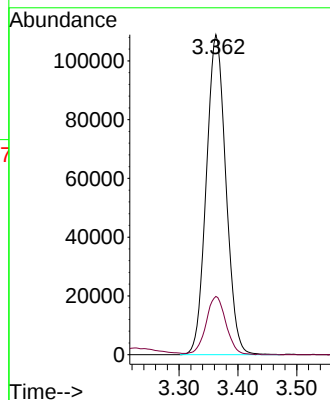
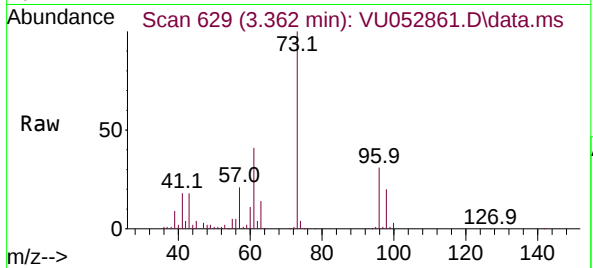




#25
Methyl tert-Butyl Ether
Concen: 12.646 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

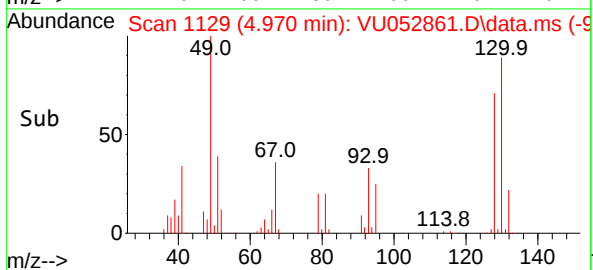
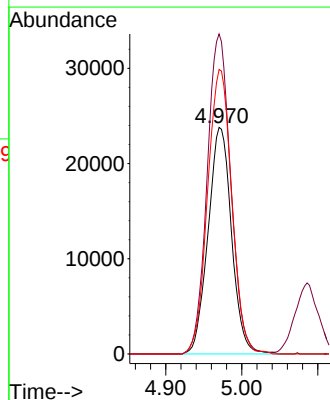
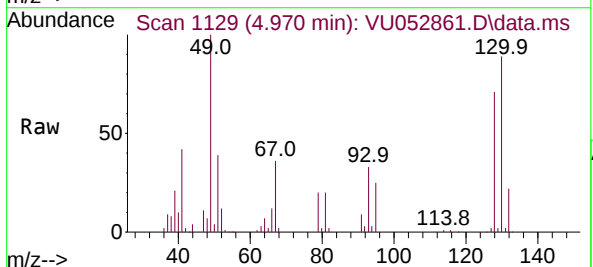
Instrument :
MSVOA_U
ClientSampleId :

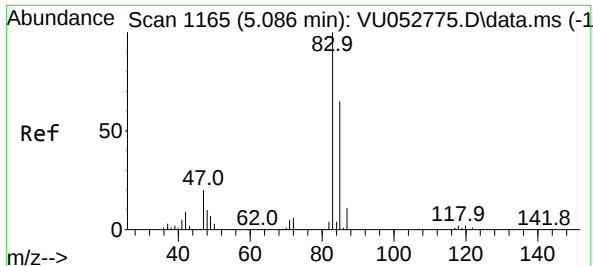
Tgt Ion: 73 Resp: 251391
Ion Ratio Lower Upper
73 100
43 18.6 15.3 22.9



#26
Bromochloromethane
Concen: 10.826 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:128 Resp: 50932
Ion Ratio Lower Upper
128 100
49 142.4 0.0 265.0
130 129.5 100.7 151.1





#27

Chloroform

Concen: 12.393 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

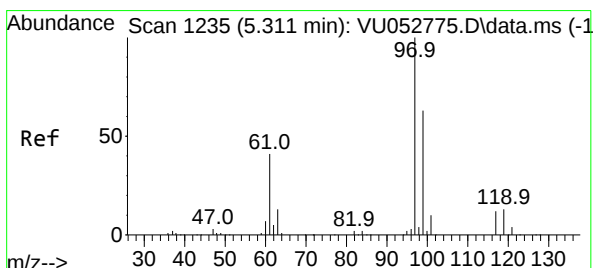
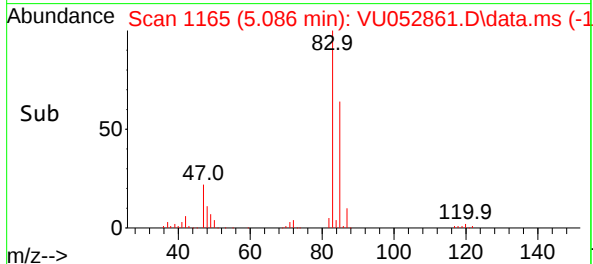
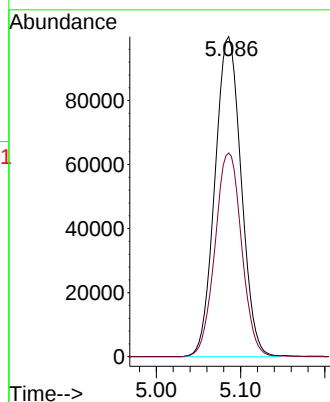
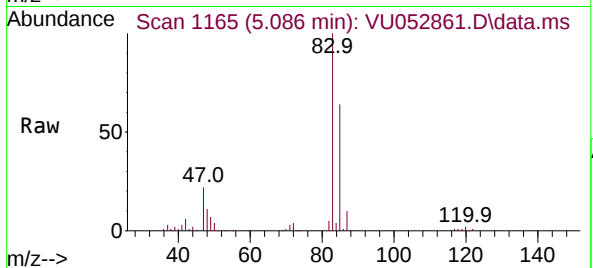
ClientSampleId :

Tgt Ion: 83 Resp: 216276

Ion Ratio Lower Upper

83 100

85 63.7 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 12.663 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

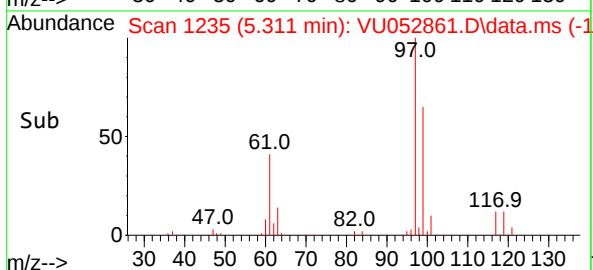
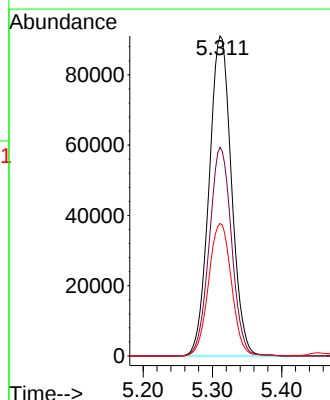
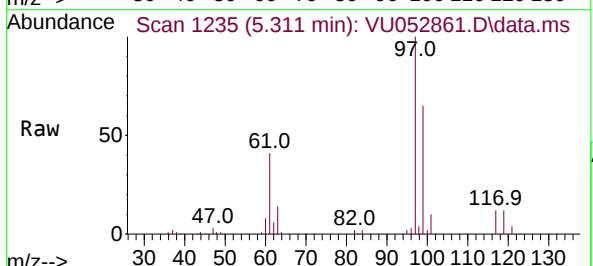
Tgt Ion: 97 Resp: 204074

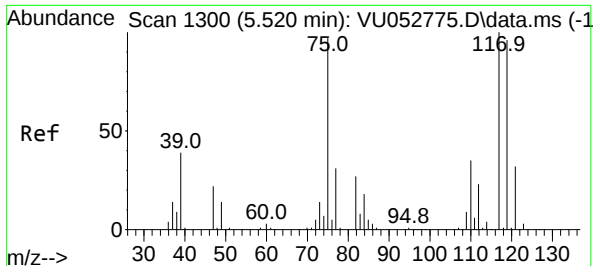
Ion Ratio Lower Upper

97 100

99 65.1 31.9 95.5

61 42.4 20.8 62.2





#29

1,1-Dichloropropene

Concen: 11.159 ug/l

RT: 5.520 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

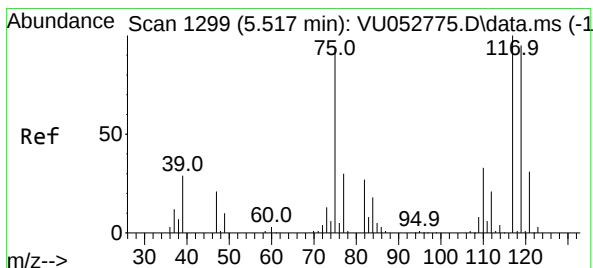
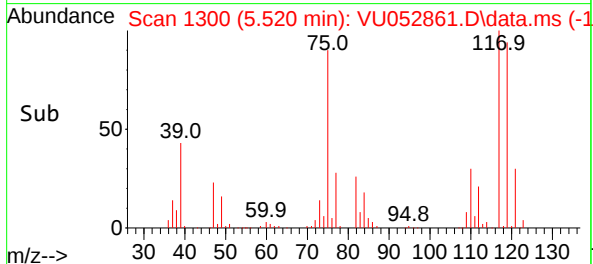
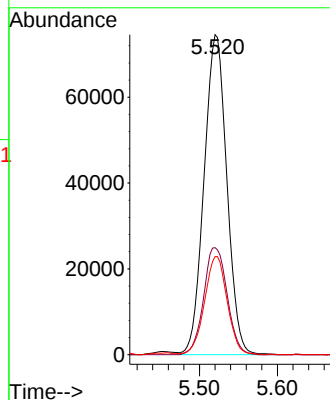
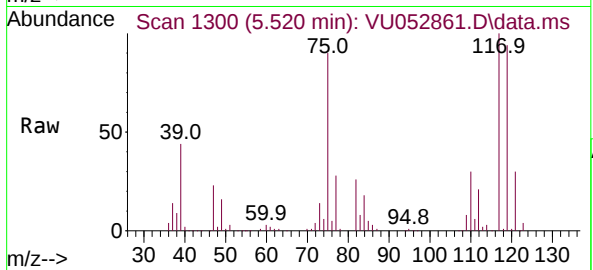
Tgt Ion: 75 Resp: 151623

Ion Ratio Lower Upper

75 100

110 34.5 17.4 52.2

77 30.6 24.8 37.2



#30

Carbon Tetrachloride

Concen: 12.155 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

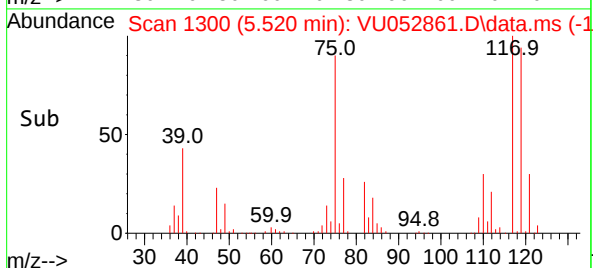
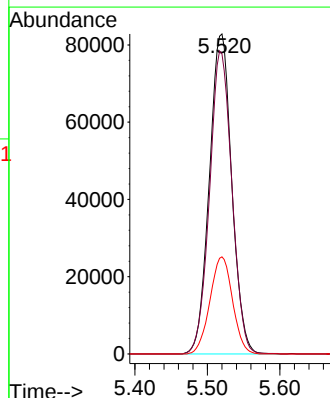
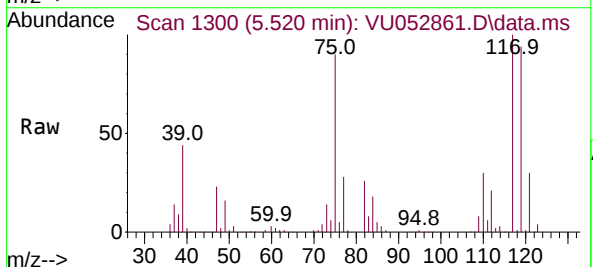
Tgt Ion: 117 Resp: 177734

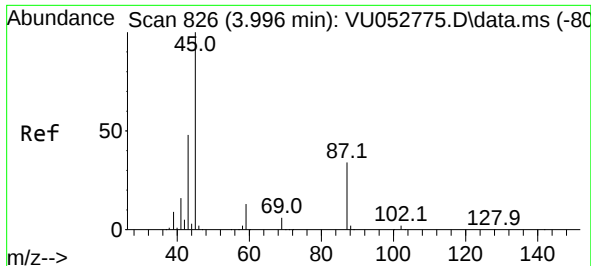
Ion Ratio Lower Upper

117 100

119 93.8 76.4 114.6

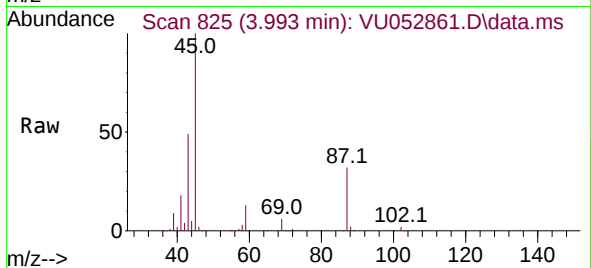
121 30.4 25.0 37.6



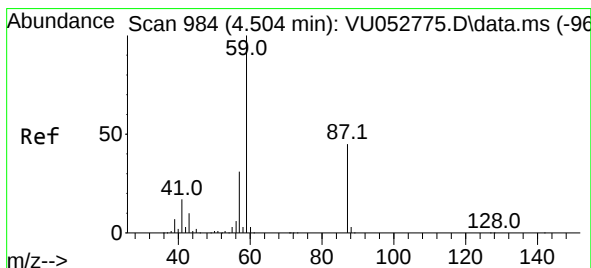
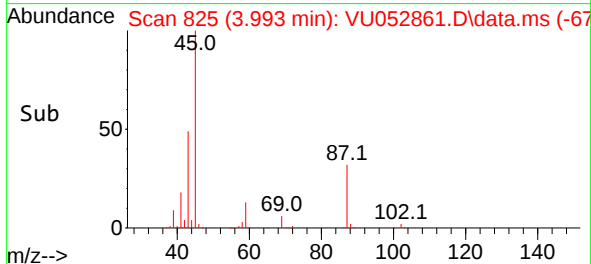
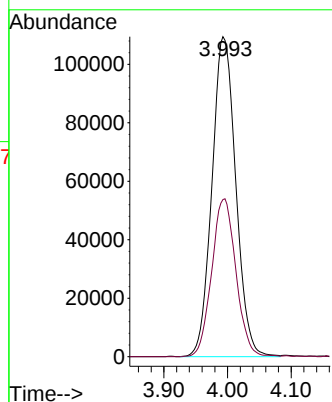


#31
Isopropyl Ether
Concen: 12.186 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Instrument :
MSVOA_U
ClientSampleId :

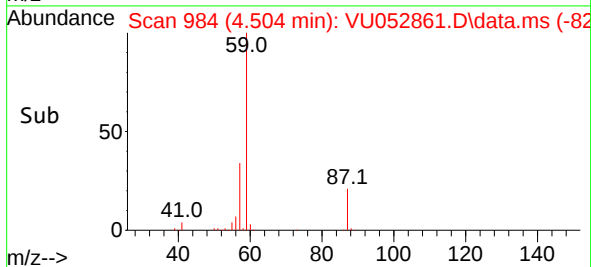
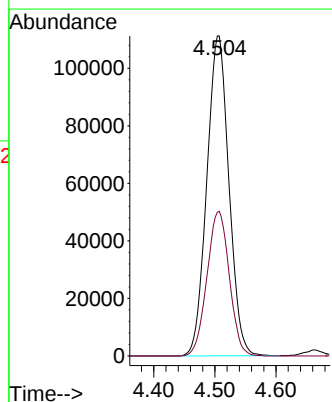
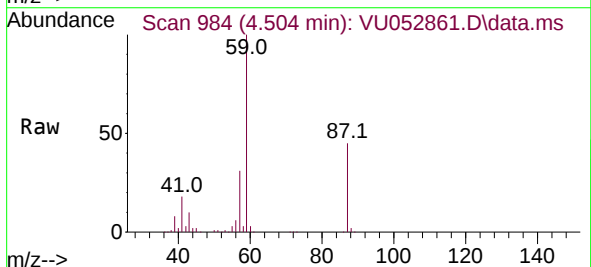


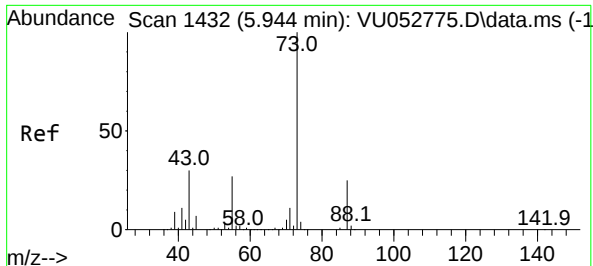
Tgt Ion: 45 Resp: 285179
Ion Ratio Lower Upper
45 100
43 50.1 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 12.786 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

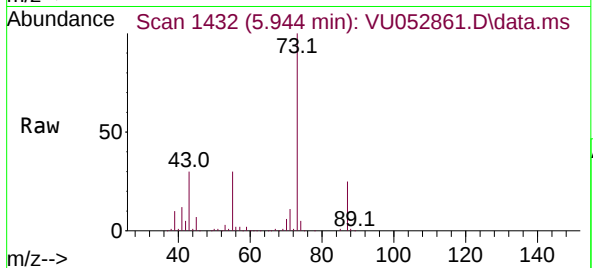
Tgt Ion: 59 Resp: 279369
Ion Ratio Lower Upper
59 100
87 45.7 36.2 54.2



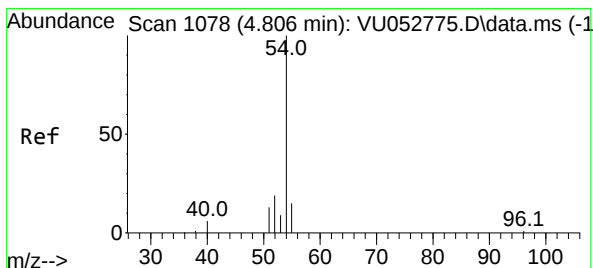
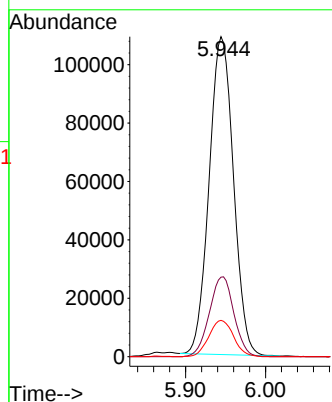
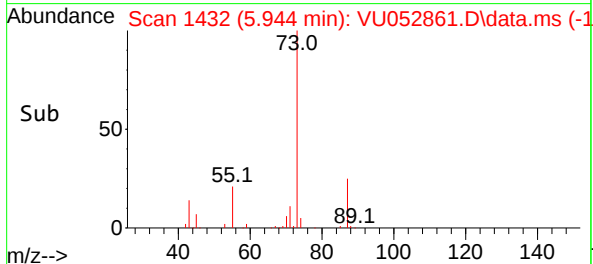


#33
Tert-Amyl methyl ether
Concen: 11.878 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Instrument :
MSVOA_U
ClientSampleId :

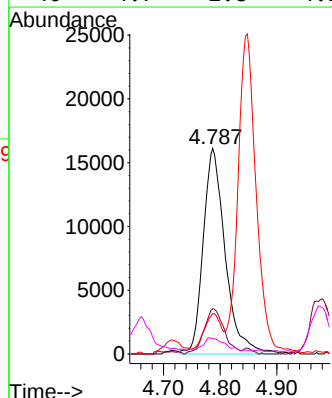
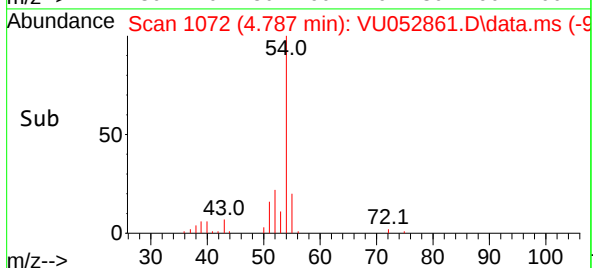
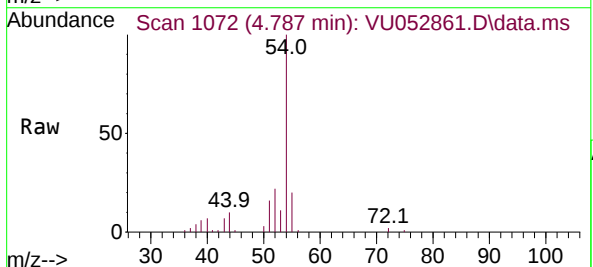


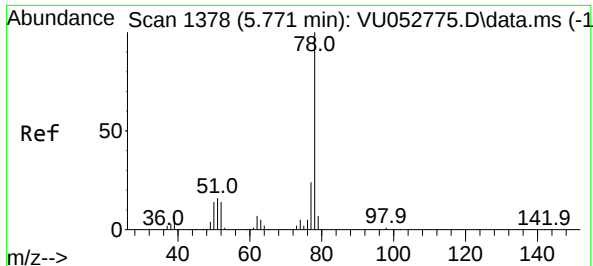
Tgt Ion: 73 Resp: 229518
Ion Ratio Lower Upper
73 100
87 25.4 20.1 30.1
71 11.7 9.2 13.8



#34
Propionitrile
Concen: 62.733 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. -0.019 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 54 Resp: 43484
Ion Ratio Lower Upper
54 100
52 20.2 16.9 25.3
55 15.1 118.6 178.0#
40 4.7 2.8 4.2#

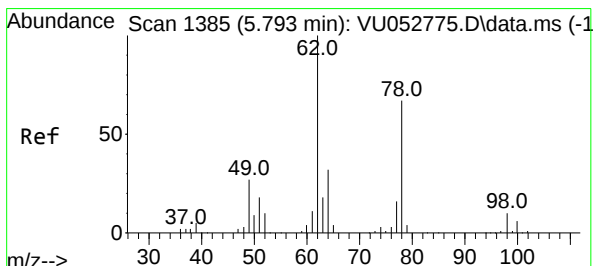
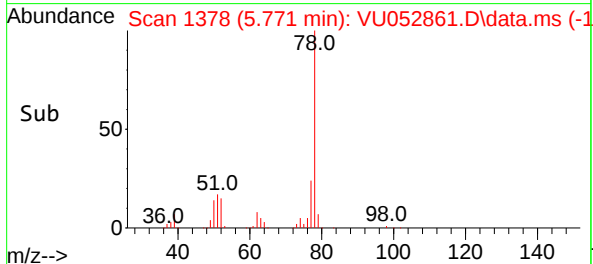
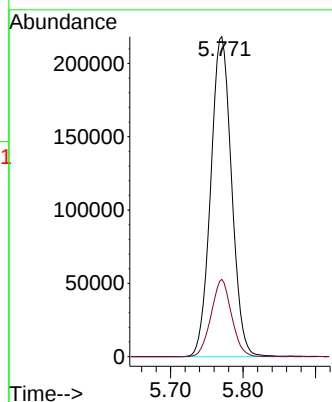
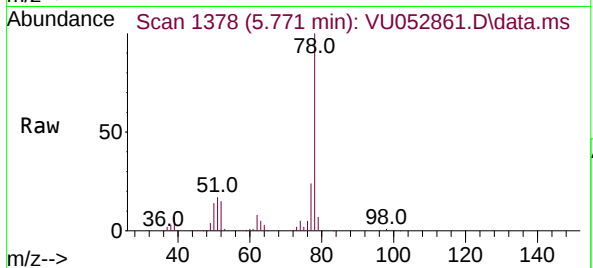




#35
Benzene
Concen: 11.066 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

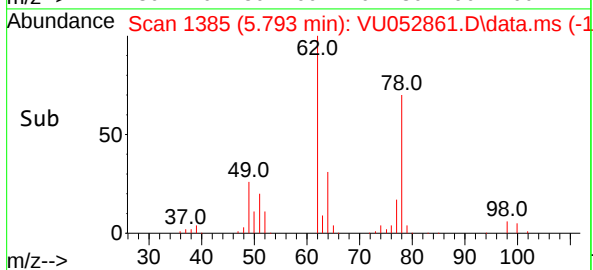
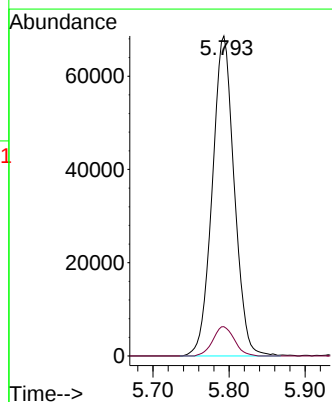
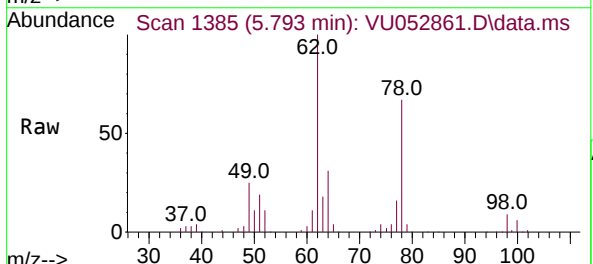
Instrument :
MSVOA_U
ClientSampleId :

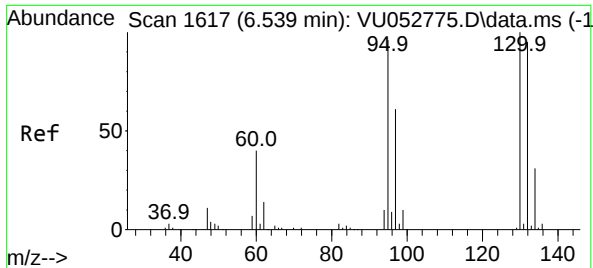
Tgt Ion: 78 Resp: 436265
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



#36
1,2-Dichloroethane
Concen: 11.628 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 62 Resp: 137684
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3

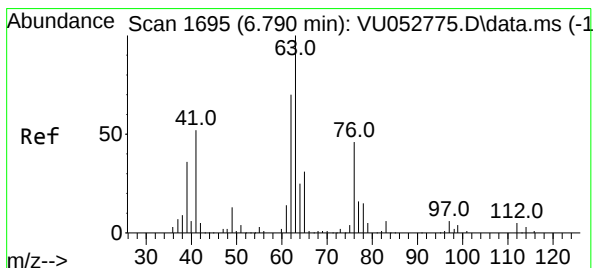
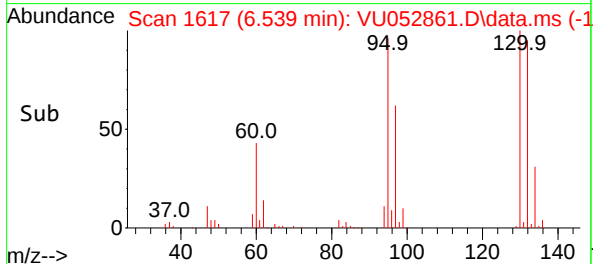
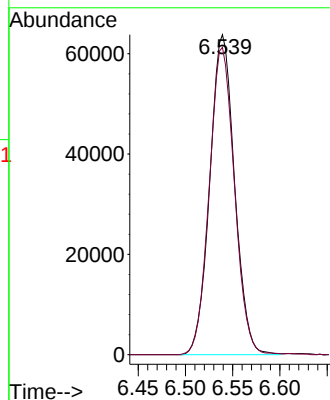
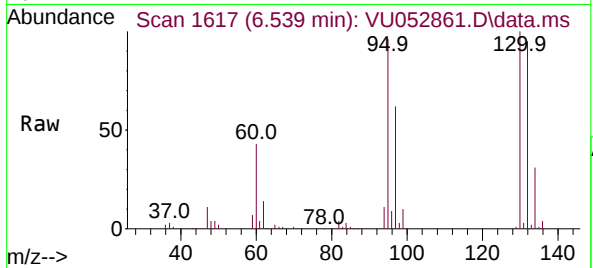




#37
Trichloroethene
Concen: 10.823 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

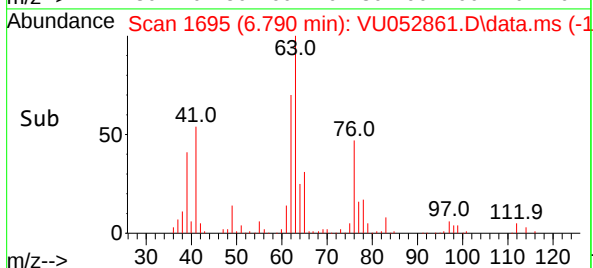
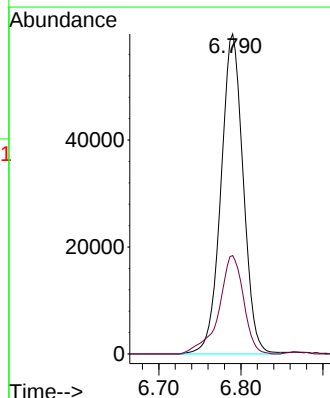
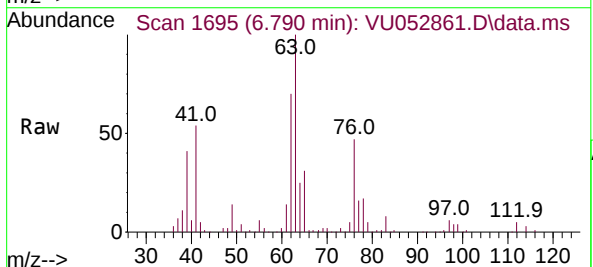
Instrument :
MSVOA_U
ClientSampleId :

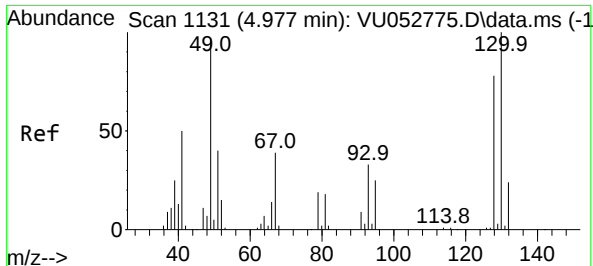
Tgt Ion:130 Resp: 116317
Ion Ratio Lower Upper
130 100
95 96.1 76.6 114.8



#38
1,2-Dichloropropane
Concen: 11.302 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion: 63 Resp: 113038
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 12.376 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 34264

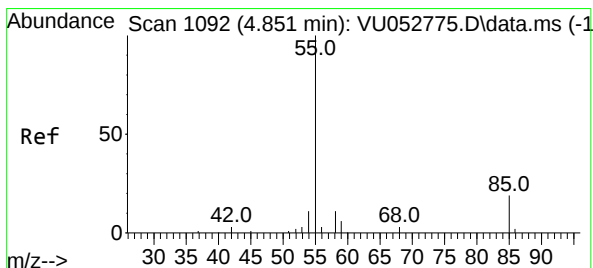
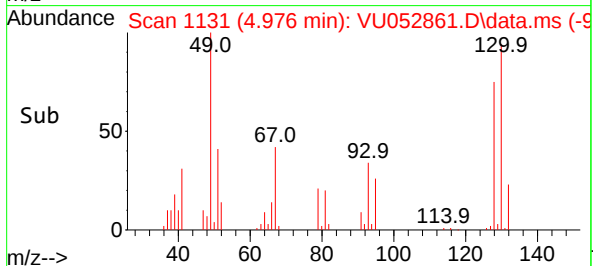
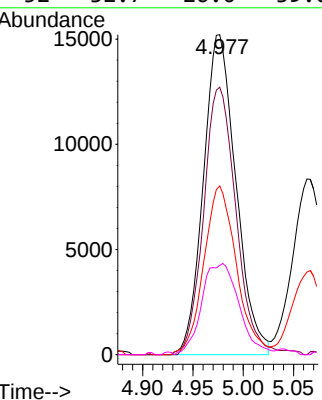
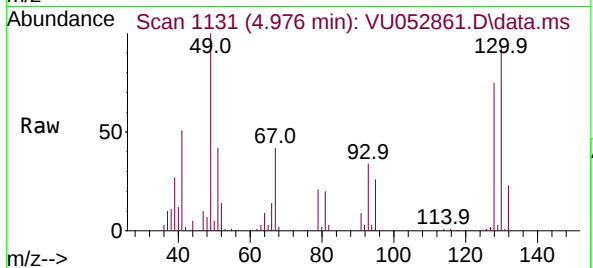
Ion Ratio Lower Upper

41 100

67 83.3 64.9 97.3

39 52.7 41.7 62.5

52 32.7 26.0 39.0



#40

Methyl acrylate

Concen: 11.316 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Tgt Ion: 55 Resp: 55533

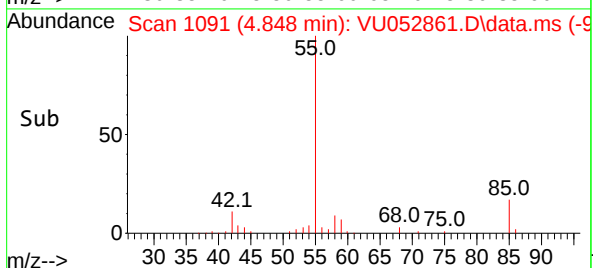
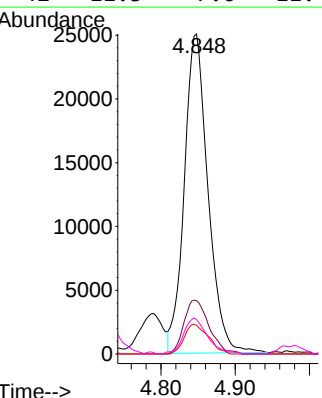
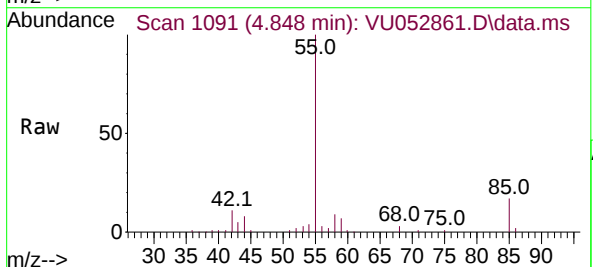
Ion Ratio Lower Upper

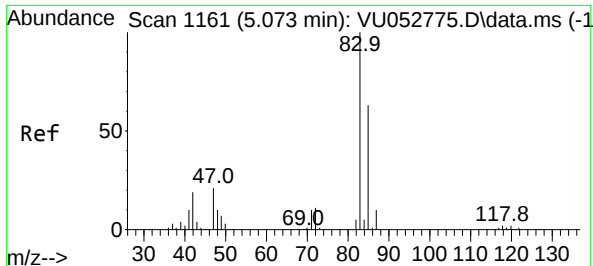
55 100

85 17.8 14.4 21.6

58 9.4 7.3 10.9

42 11.3 7.6 11.4





#41

Tetrahydrofuran

Concen: 23.588 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. -0.010 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

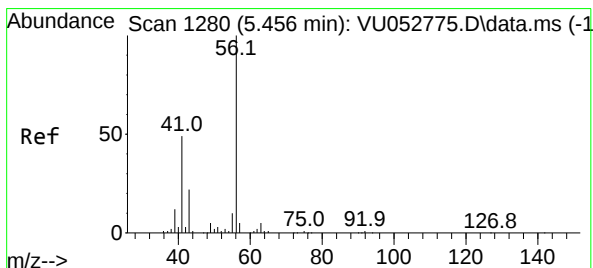
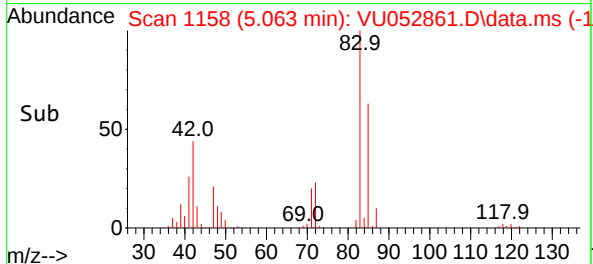
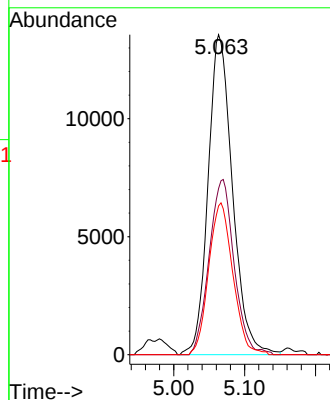
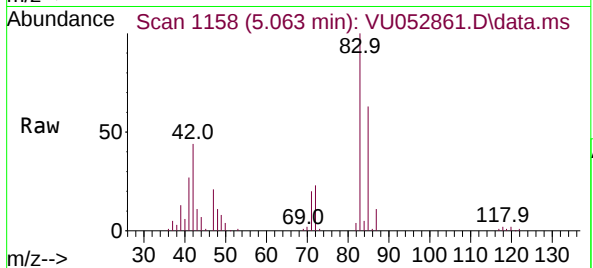
Tgt Ion: 42 Resp: 32484

Ion Ratio Lower Upper

42 100

72 56.2 49.1 73.7

71 46.9 43.8 65.6



#42

1-Chlorobutane

Concen: 11.518 ug/l

RT: 5.452 min Scan# 1279

Delta R.T. -0.003 min

Lab File: VU052861.D

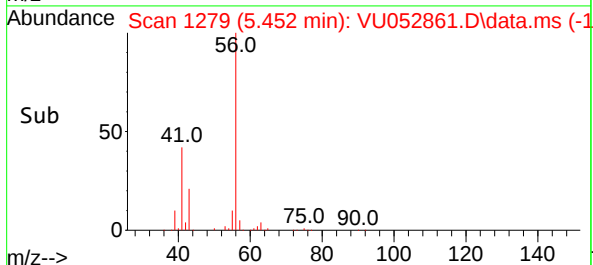
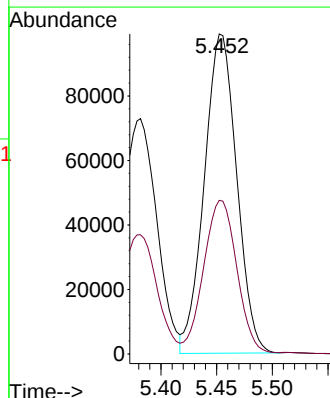
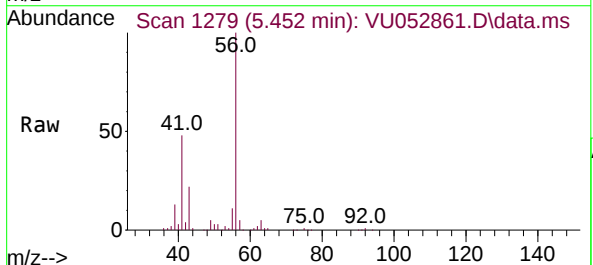
Acq: 30 Jan 2023 10:47

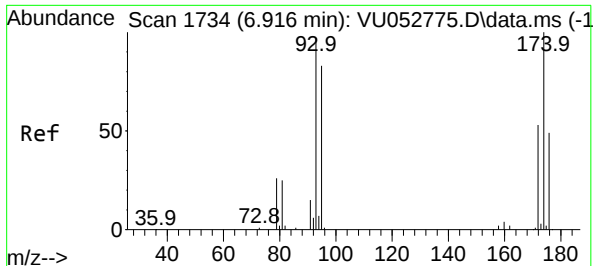
Tgt Ion: 56 Resp: 200071

Ion Ratio Lower Upper

56 100

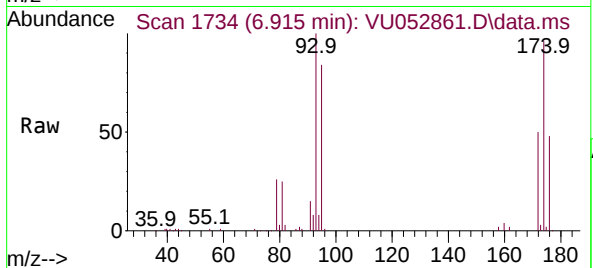
41 48.9 24.5 73.5



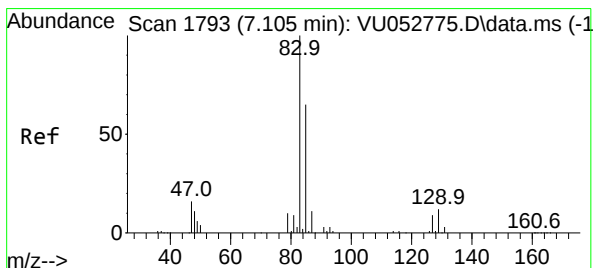
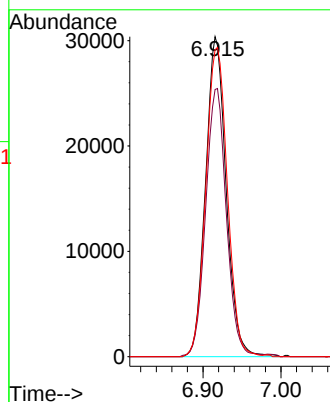
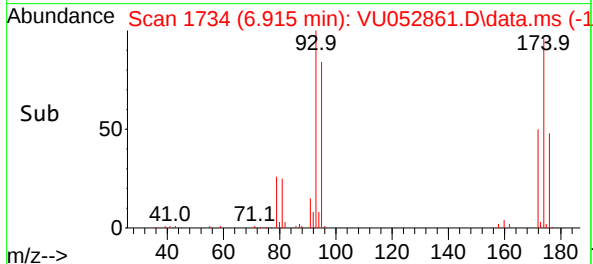


#43
Dibromomethane
Concen: 11.030 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

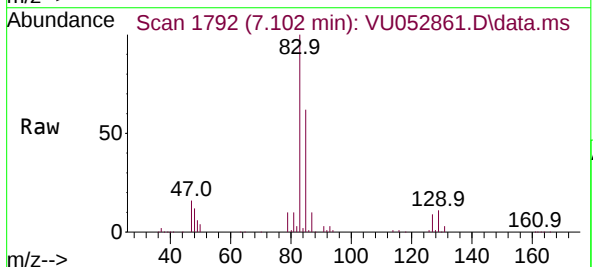
Instrument :
MSVOA_U
ClientSampleId :



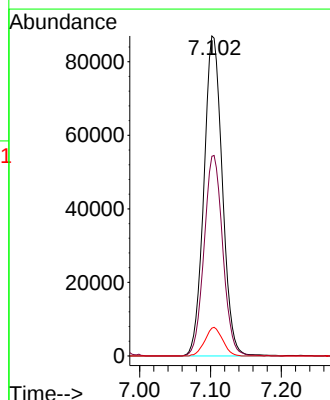
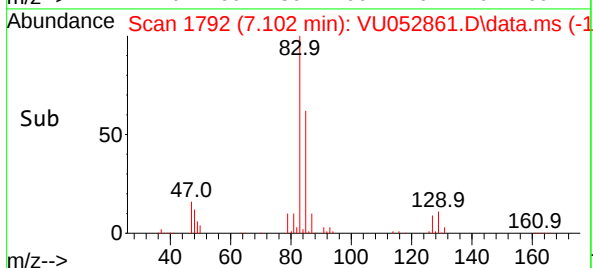
Tgt Ion: 93 Resp: 55842
Ion Ratio Lower Upper
93 100
95 84.2 67.0 100.6
174 100.9 82.2 123.4

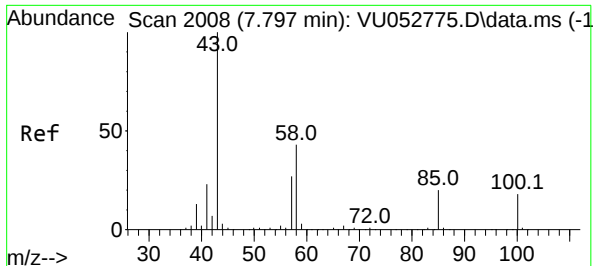


#44
Bromodichloromethane
Concen: 11.427 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47



Tgt Ion: 83 Resp: 156947
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 8.7 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 56.847 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

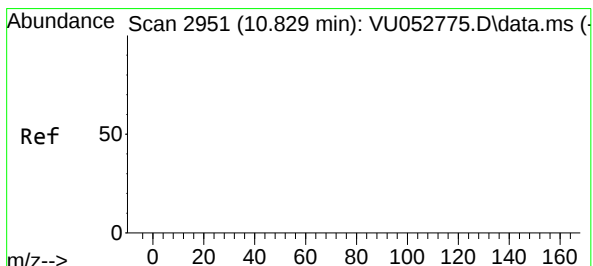
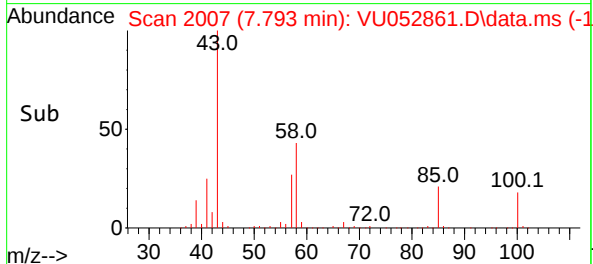
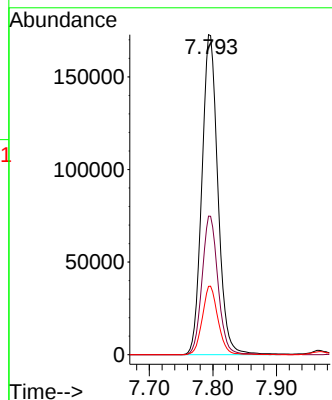
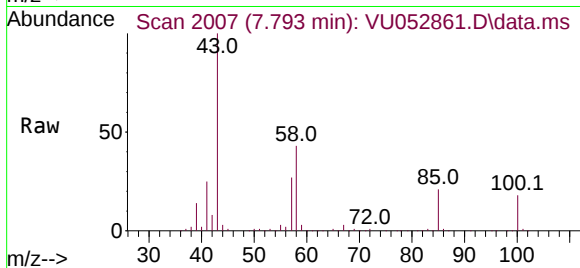
Tgt Ion: 43 Resp: 302431

Ion Ratio Lower Upper

43 100

58 43.2 21.7 65.1

85 20.8 16.2 24.4



#46

t-1,4-Dichloro-2-butene

Concen: 45.134 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.007 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Tgt Ion: 75 Resp: 125897

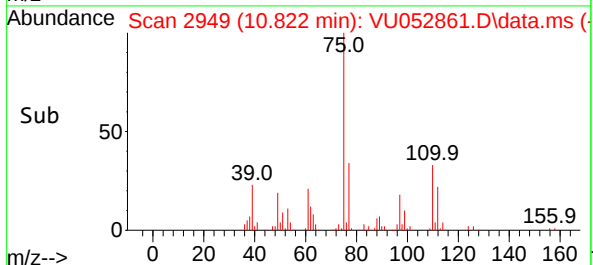
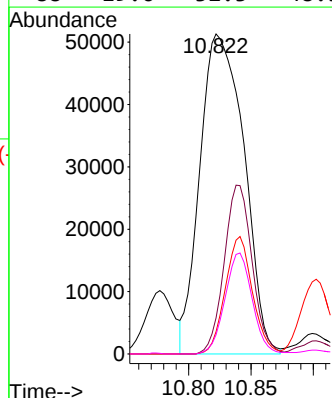
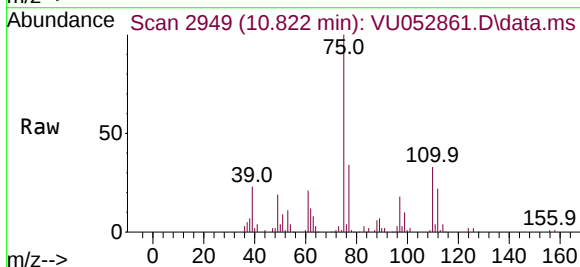
Ion Ratio Lower Upper

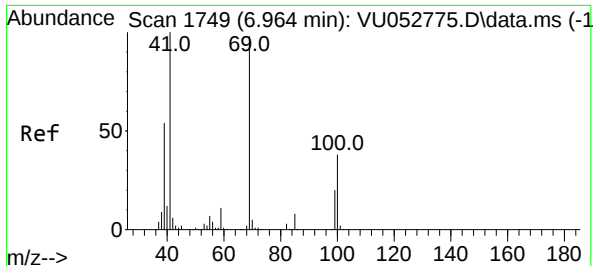
75 100

53 33.6 57.0 85.4#

89 22.8 41.1 61.7#

88 19.6 32.3 48.5#





#47

Methyl methacrylate

Concen: 23.246 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

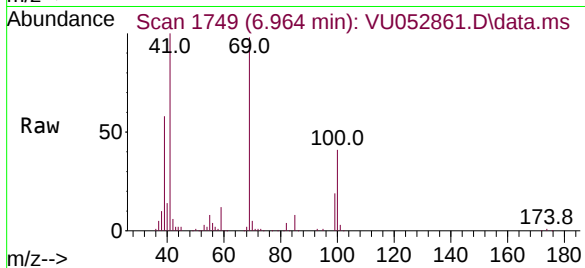
Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 104616

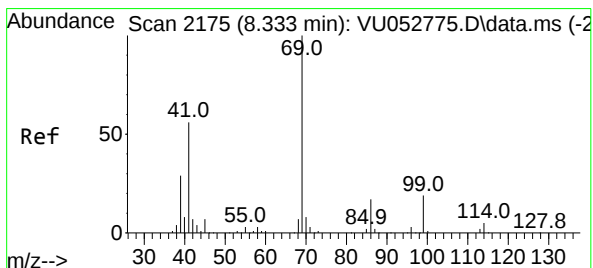
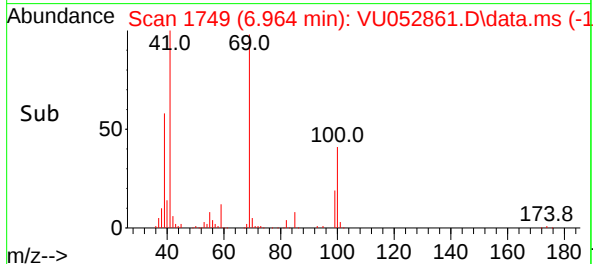
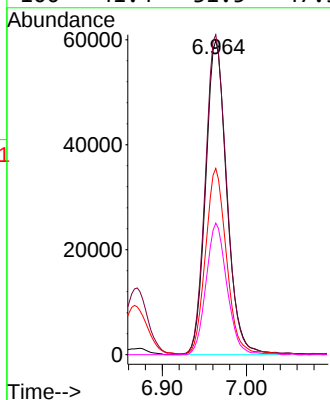
Ion Ratio Lower Upper

69 100

41 101.8 0.0 201.8

39 58.3 44.0 66.0

100 41.4 31.5 47.3



#48

Ethyl methacrylate

Concen: 11.545 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052861.D

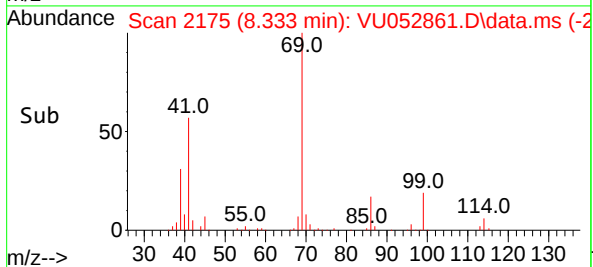
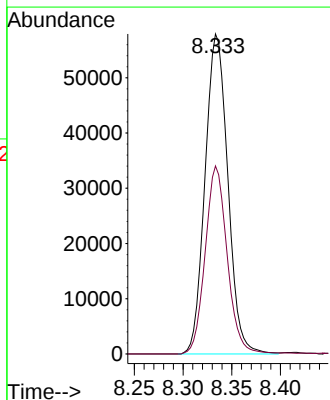
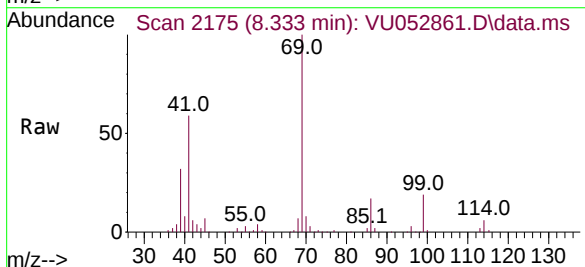
Acq: 30 Jan 2023 10:47

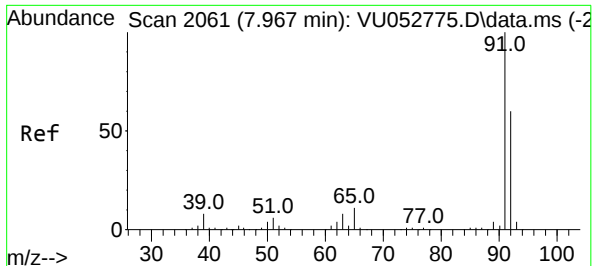
Tgt Ion: 69 Resp: 94192

Ion Ratio Lower Upper

69 100

41 56.7 28.1 84.4





#49

Toluene

Concen: 11.421 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

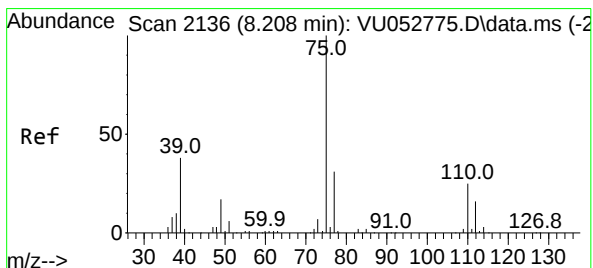
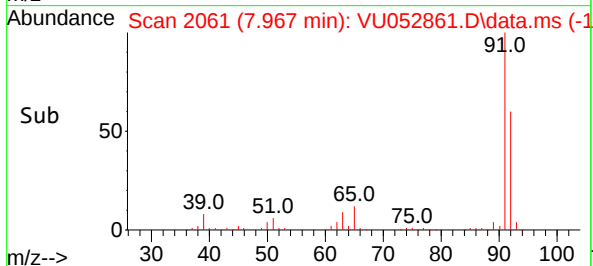
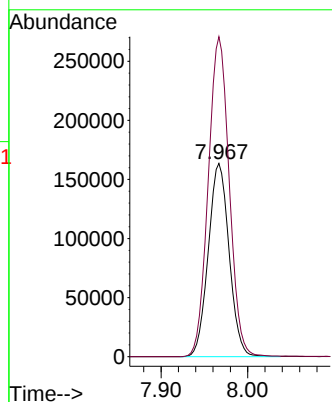
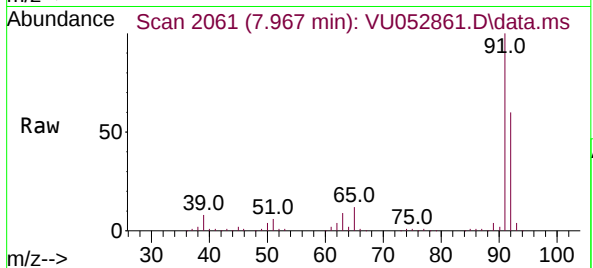
ClientSampleId :

Tgt Ion: 92 Resp: 273376

Ion Ratio Lower Upper

92 100

91 167.0 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 11.289 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052861.D

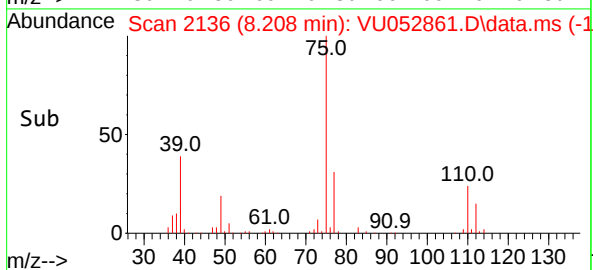
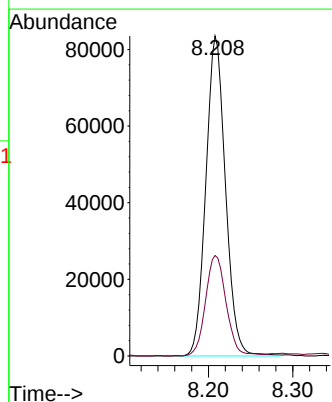
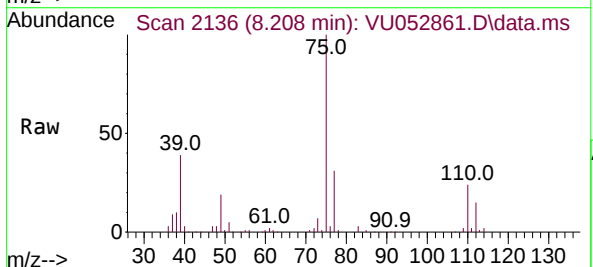
Acq: 30 Jan 2023 10:47

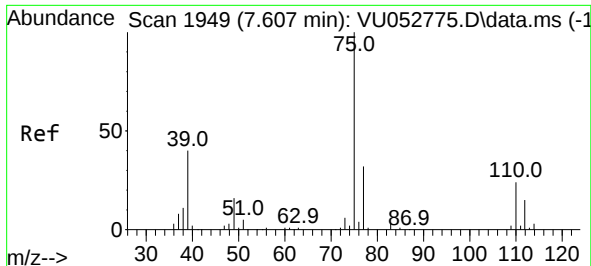
Tgt Ion: 75 Resp: 135231

Ion Ratio Lower Upper

75 100

77 31.3 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 11.146 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

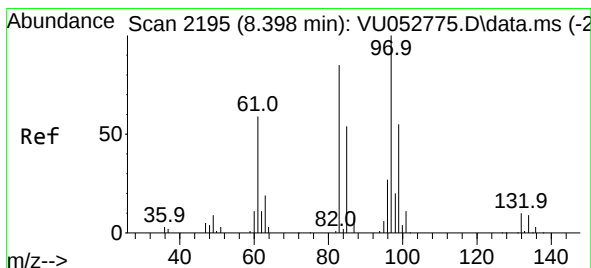
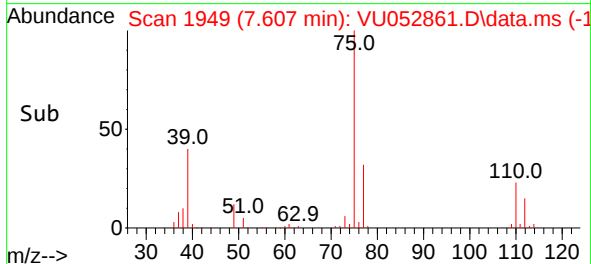
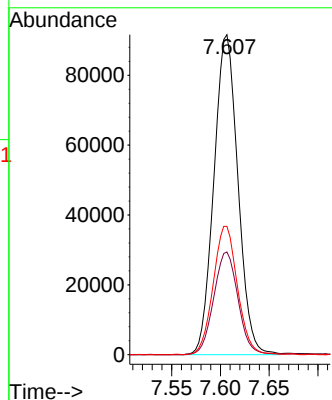
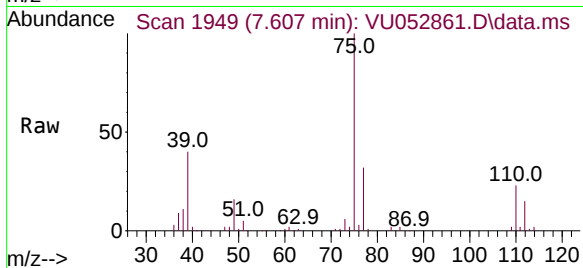
Tgt Ion: 75 Resp: 157067

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 40.0 32.3 48.5



#52

1,1,2-Trichloroethane

Concen: 11.364 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Tgt Ion: 97 Resp: 81811

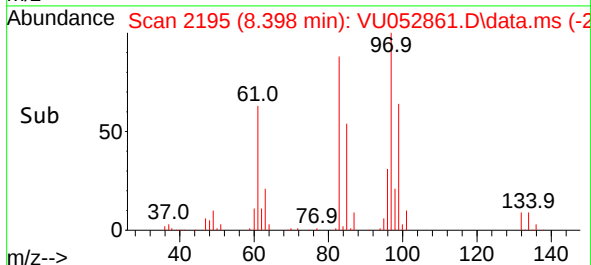
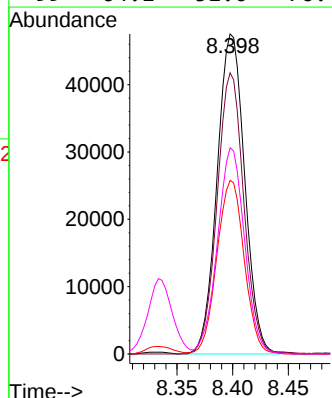
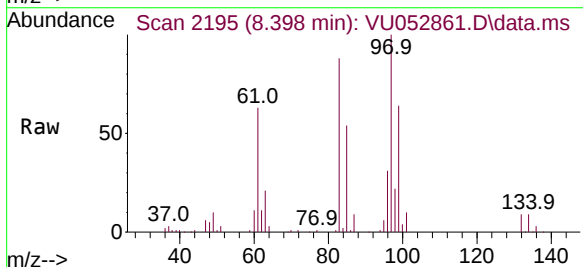
Ion Ratio Lower Upper

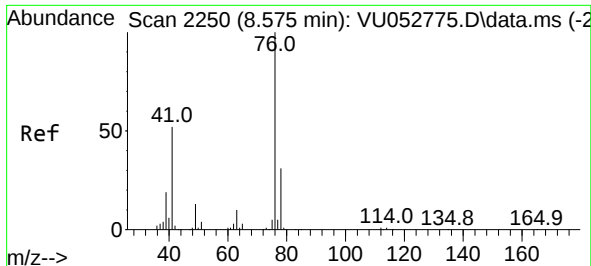
97 100

83 87.8 68.2 102.2

85 54.0 44.5 66.7

99 64.1 51.0 76.4





#53

1,3-Dichloropropane

Concen: 11.231 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

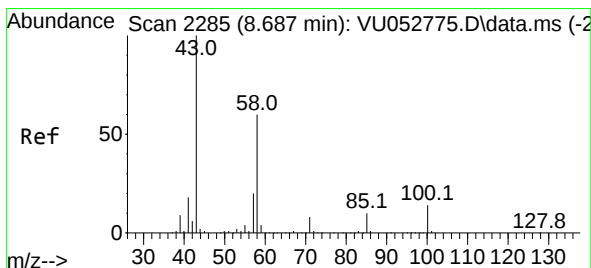
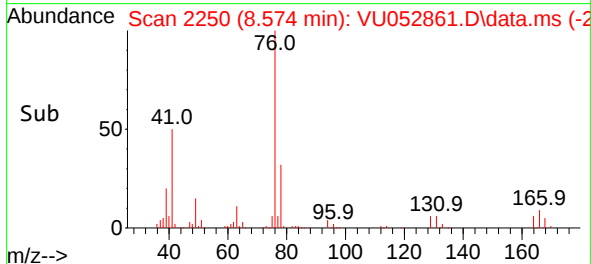
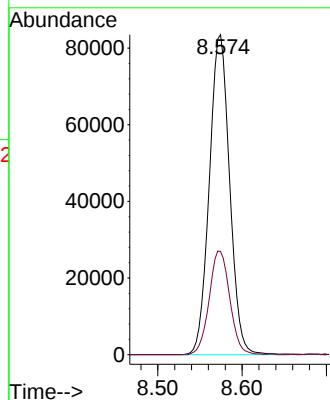
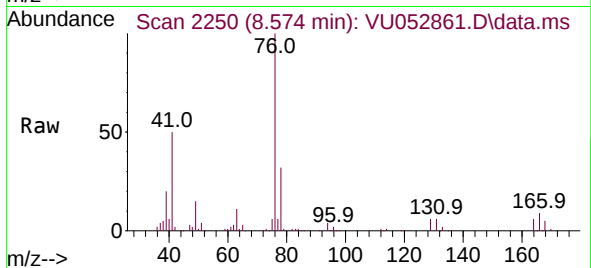
ClientSampleId :

Tgt Ion: 76 Resp: 139769

Ion Ratio Lower Upper

76 100

78 32.9 25.2 37.8



#54

2-Hexanone

Concen: 58.118 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

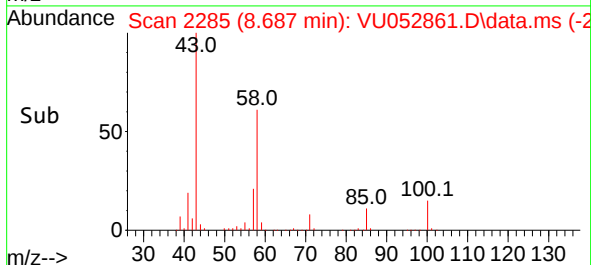
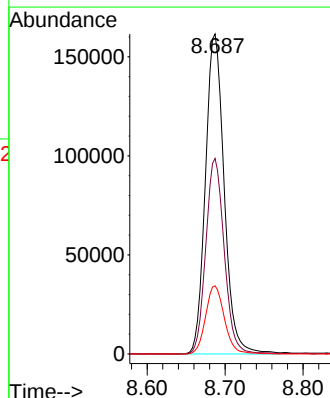
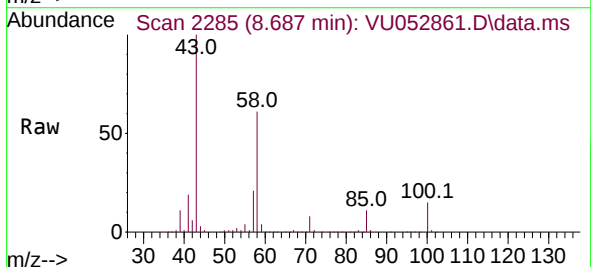
Tgt Ion: 43 Resp: 270496

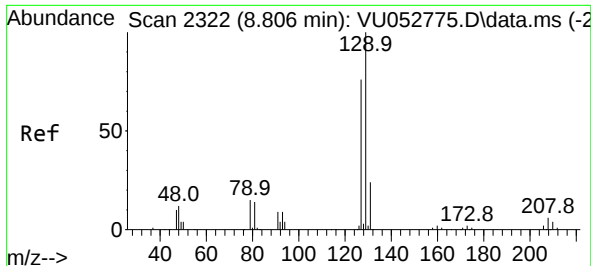
Ion Ratio Lower Upper

43 100

58 60.1 40.0 80.0

57 21.4 0.6 40.6

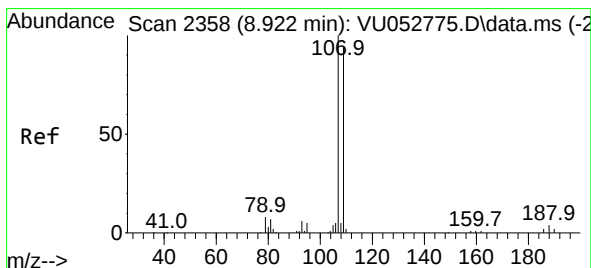
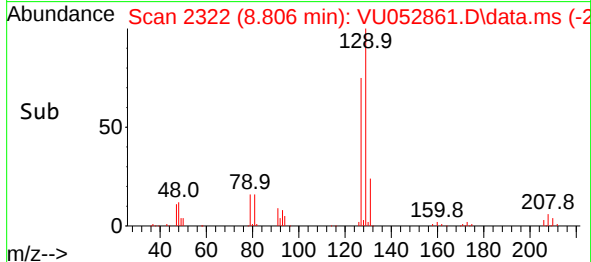
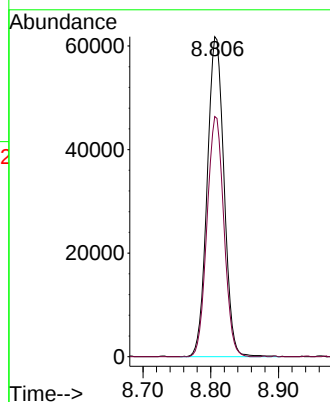
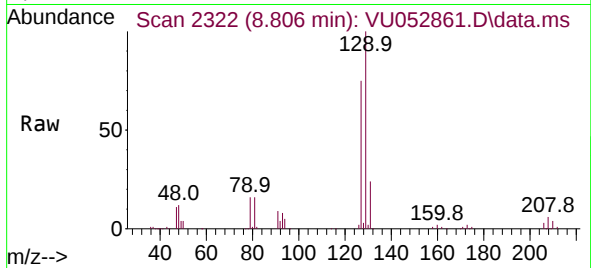




#55
Dibromochloromethane
Concen: 11.300 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

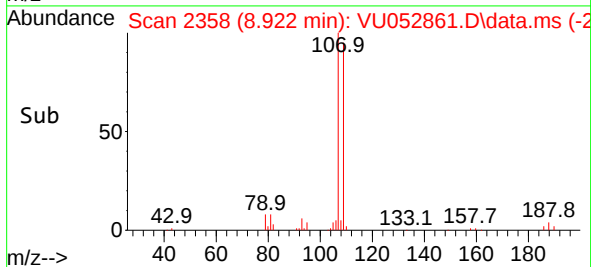
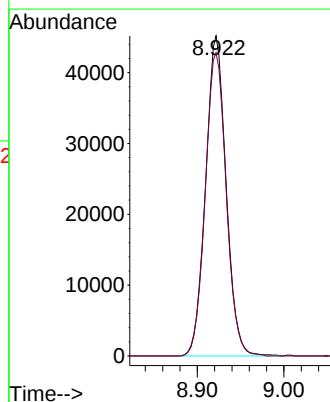
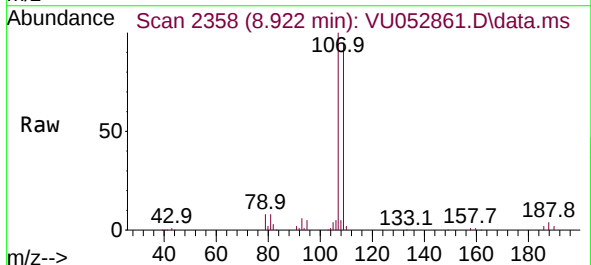
Instrument :
MSVOA_U
ClientSampleId :

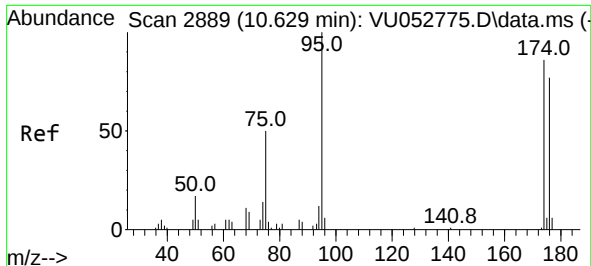
Tgt Ion:129 Resp: 106403
Ion Ratio Lower Upper
129 100
127 75.4 61.5 92.3



#56
1,2-Dibromoethane
Concen: 10.834 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:107 Resp: 74253
Ion Ratio Lower Upper
107 100
109 96.8 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 1.299 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

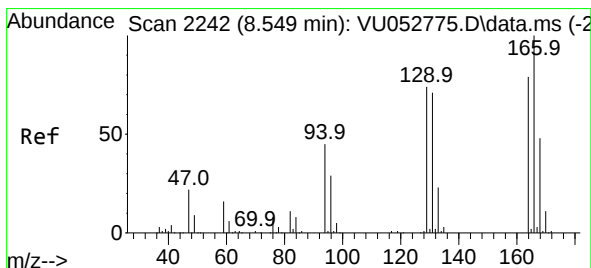
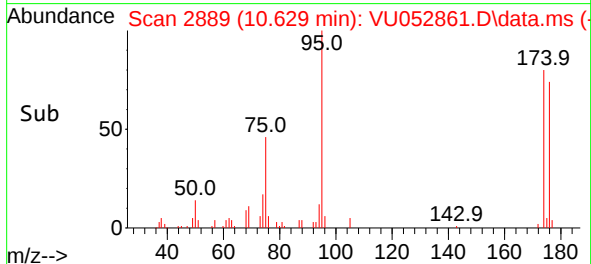
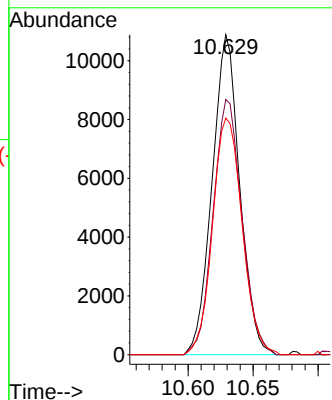
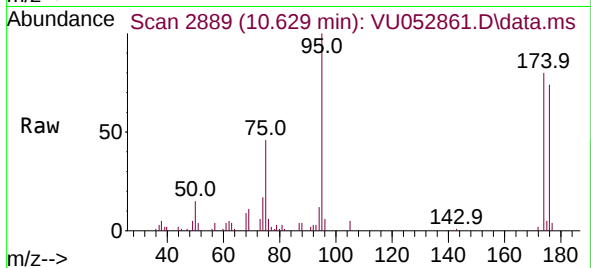
Tgt Ion: 95 Resp: 16048

Ion Ratio Lower Upper

95 100

174 83.4 66.9 100.3

176 79.3 61.9 92.9



#58

Tetrachloroethene

Concen: 11.211 ug/l

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Tgt Ion: 164 Resp: 108728

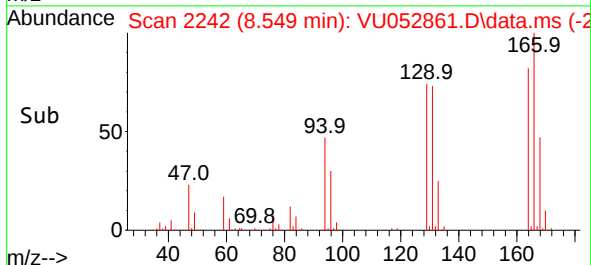
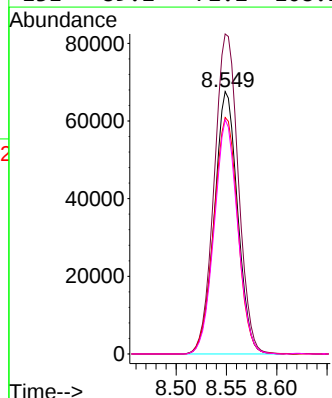
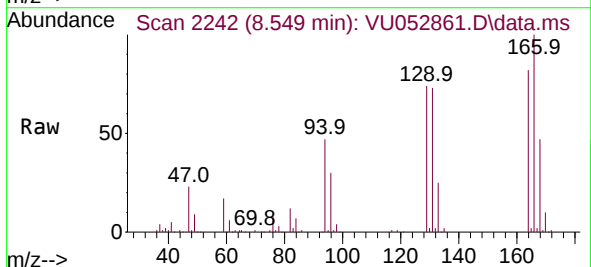
Ion Ratio Lower Upper

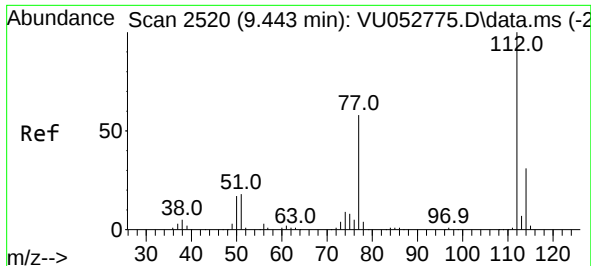
164 100

166 121.9 101.5 152.3

129 90.1 75.2 112.8

131 89.2 72.2 108.2

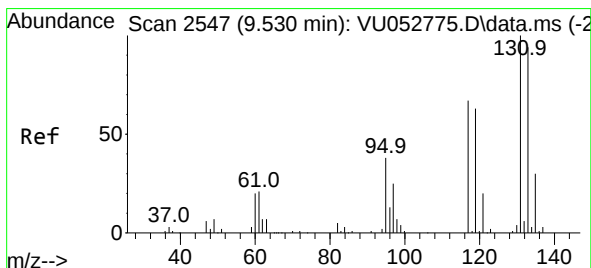
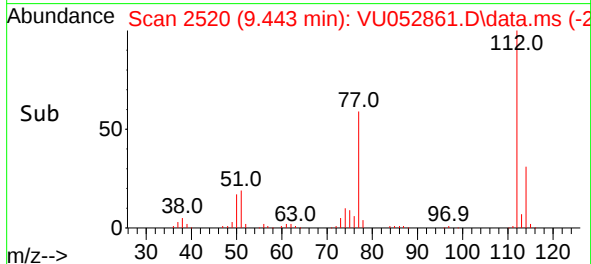
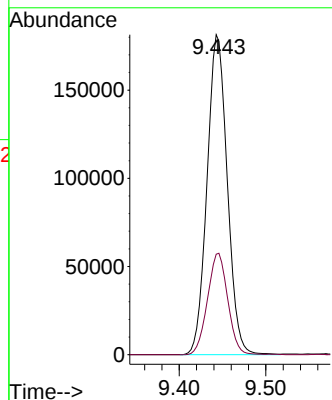
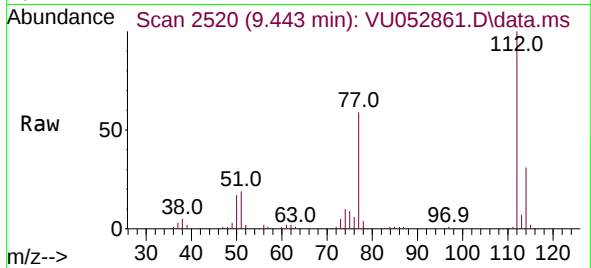




#59
Chlorobenzene
Concen: 11.294 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

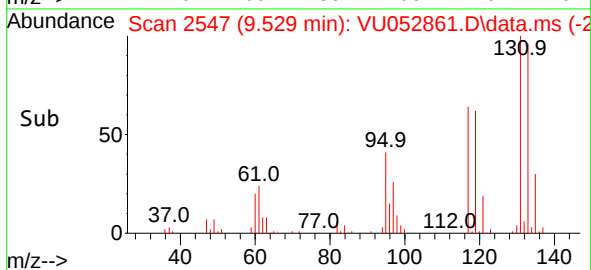
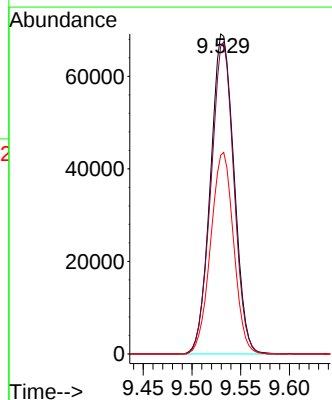
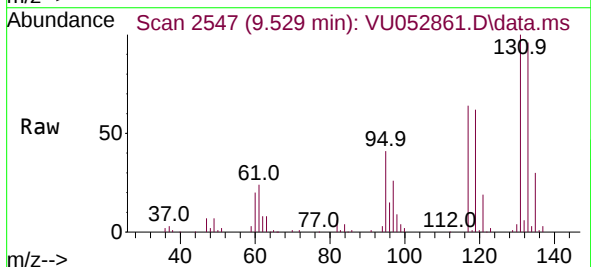
Instrument :
MSVOA_U
ClientSampleId :

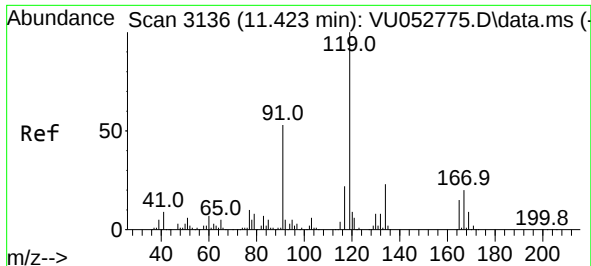
Tgt Ion:112 Resp: 294232
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 11.533 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:131 Resp: 116283
Ion Ratio Lower Upper
131 100
133 95.1 77.2 115.8
119 61.4 50.8 76.2

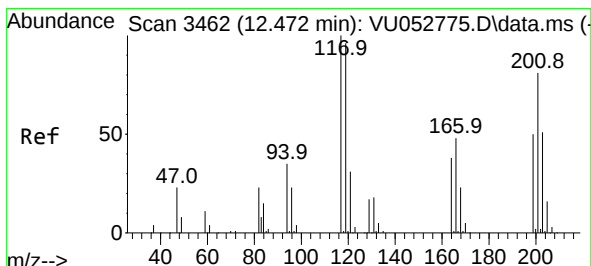
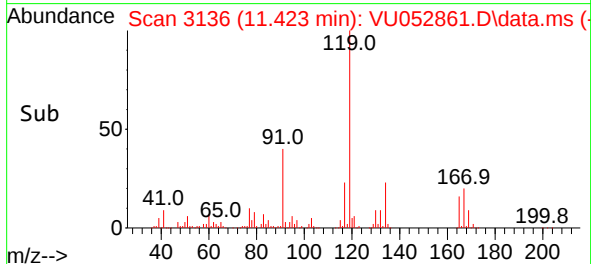
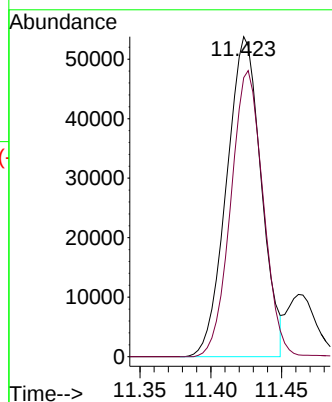
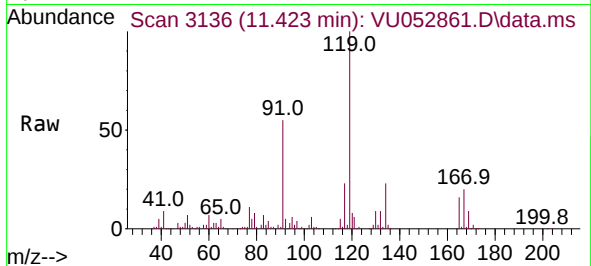




#61
Pentachloroethane
Concen: 11.057 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

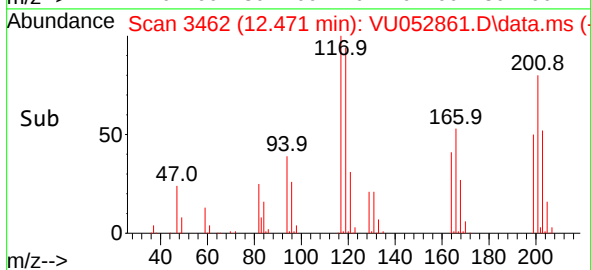
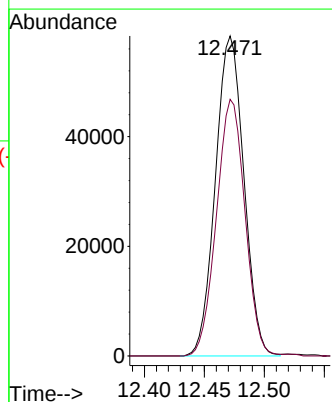
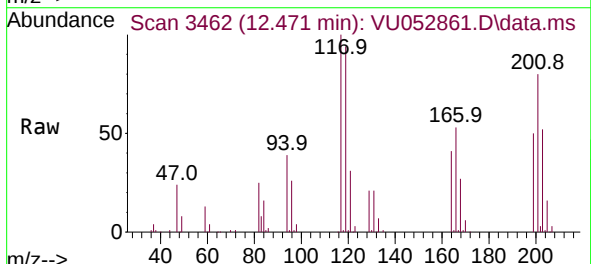
Instrument :
MSVOA_U
ClientSampleId :

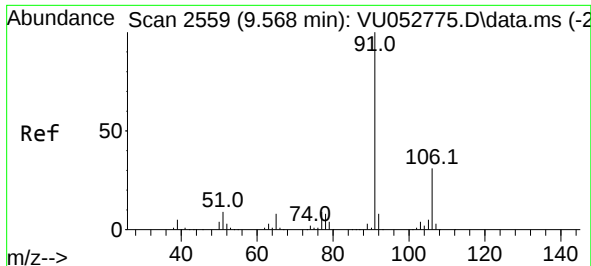
Tgt Ion:117 Resp: 91330
Ion Ratio Lower Upper
117 100
167 83.8 66.8 100.2



#62
Hexachloroethane
Concen: 11.545 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:117 Resp: 96351
Ion Ratio Lower Upper
117 100
201 80.4 64.6 97.0





#63

Ethyl Benzene

Concen: 12.049 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

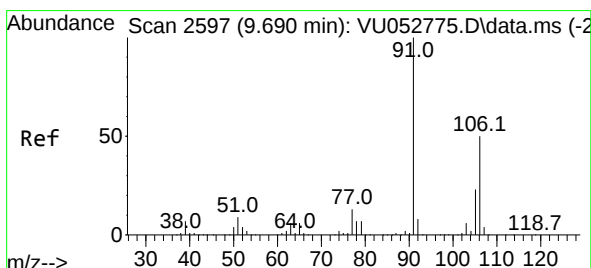
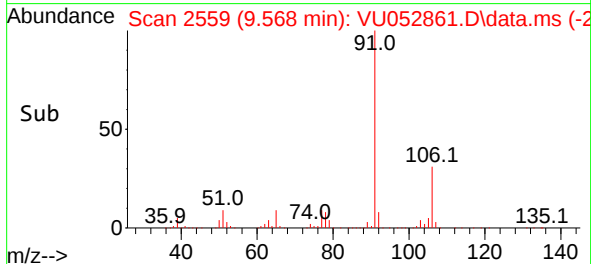
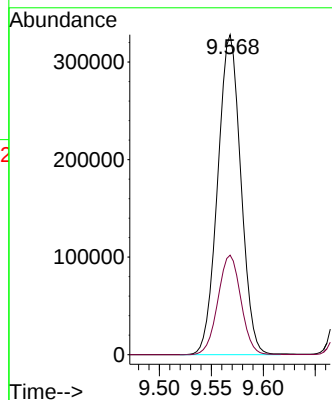
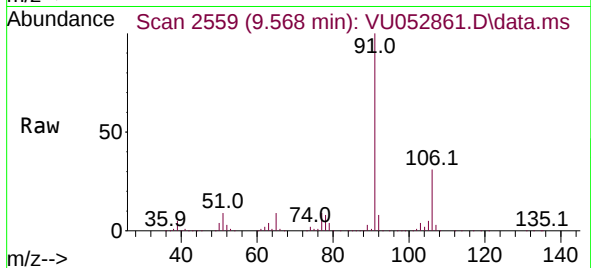
ClientSampleId :

Tgt Ion: 91 Resp: 508444

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#64

m/p-Xylenes

Concen: 24.922 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052861.D

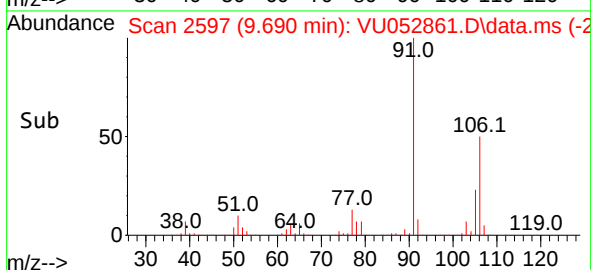
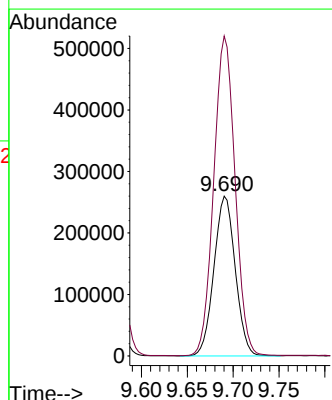
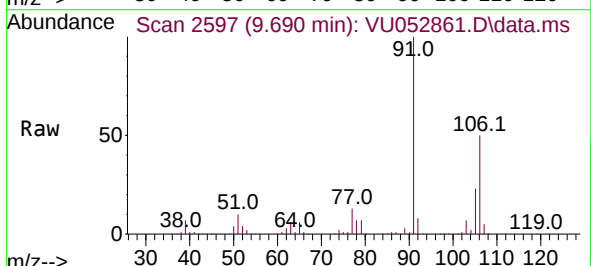
Acq: 30 Jan 2023 10:47

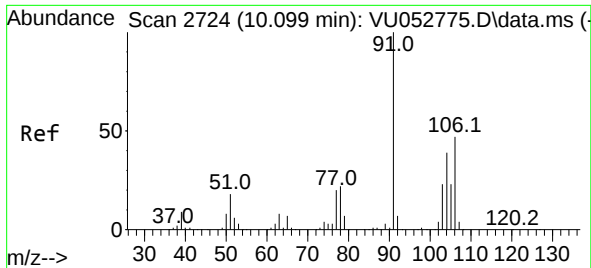
Tgt Ion: 106 Resp: 419282

Ion Ratio Lower Upper

106 100

91 200.4 158.7 238.1

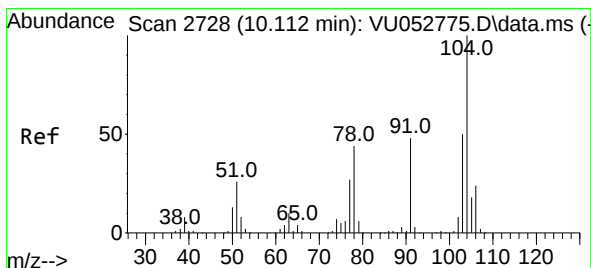
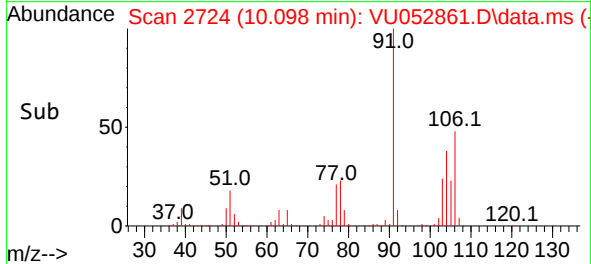
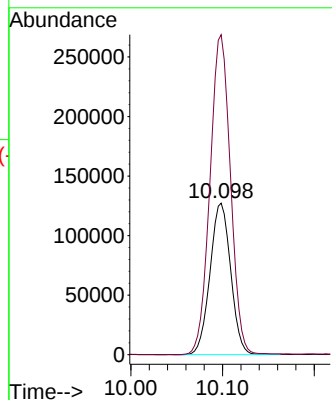
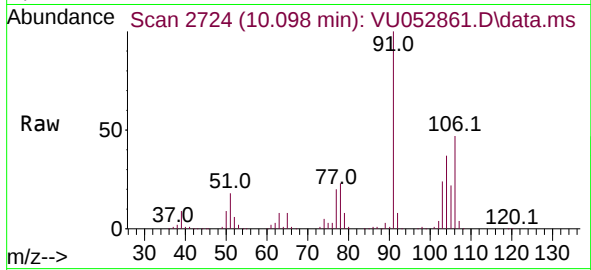




#65
o-Xylene
Concen: 12.274 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

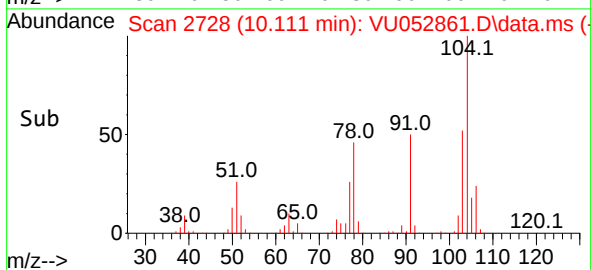
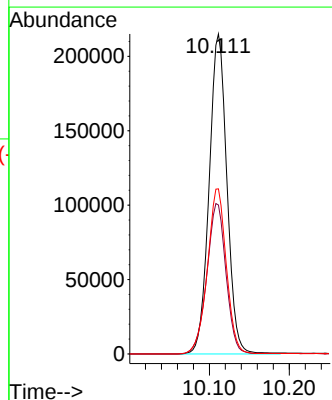
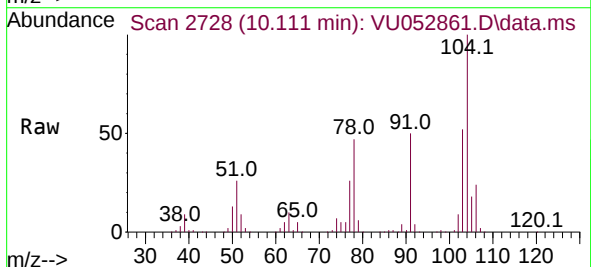
Instrument :
MSVOA_U
ClientSampleId :

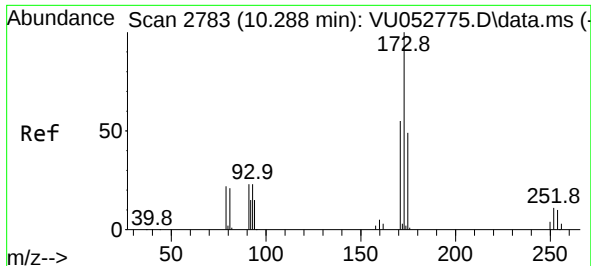
Tgt Ion:106 Resp: 199254
Ion Ratio Lower Upper
106 100
91 210.3 105.6 316.8



#66
Styrene
Concen: 10.594 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.001 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:104 Resp: 332408
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 54.9 42.9 64.3

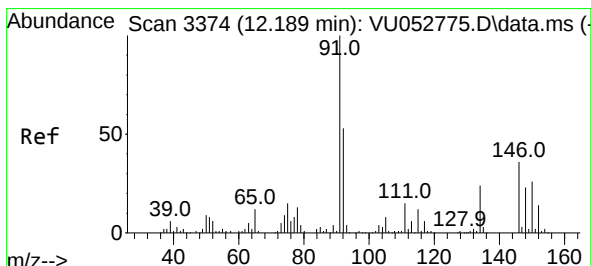
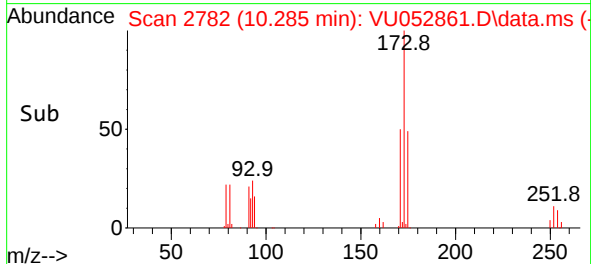
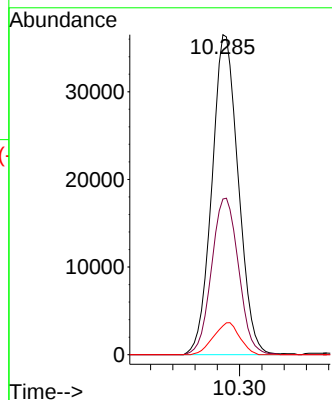
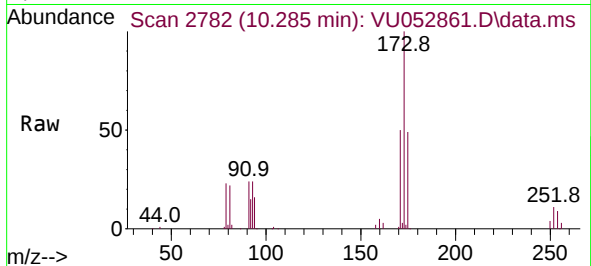




#67
Bromoform
Concen: 10.812 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

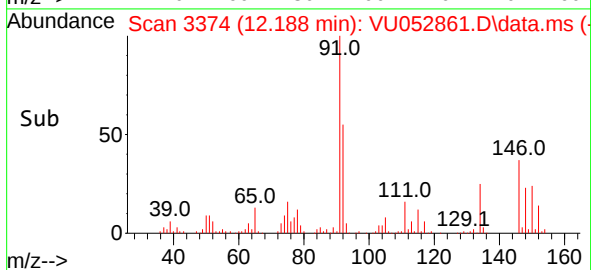
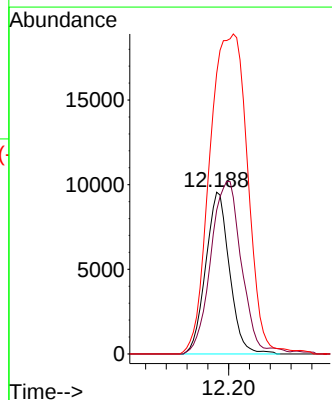
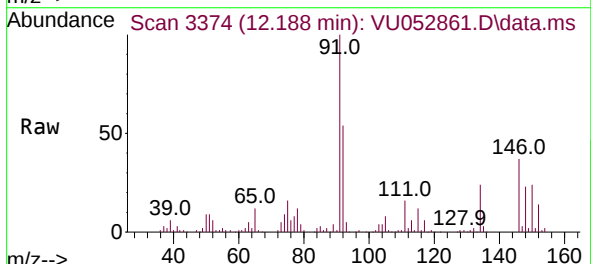
Instrument :
MSVOA_U
ClientSampleId :

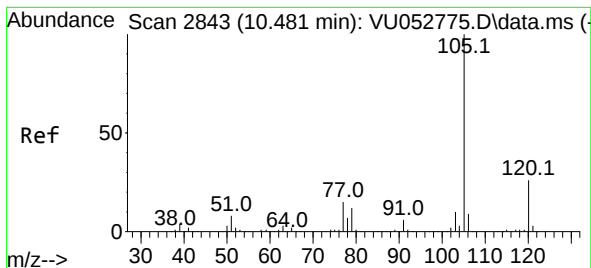
Tgt Ion:173 Resp: 60081
Ion Ratio Lower Upper
173 100
175 50.0 39.5 59.3
254 9.9 8.0 12.0



#68
1,2-Dichlorobenzene-d4
Concen: 1.192 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:152 Resp: 15144
Ion Ratio Lower Upper
152 100
115 135.9 0.0 262.6
150 316.5 0.0 638.0





#69

Isopropylbenzene

Concen: 12.545 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

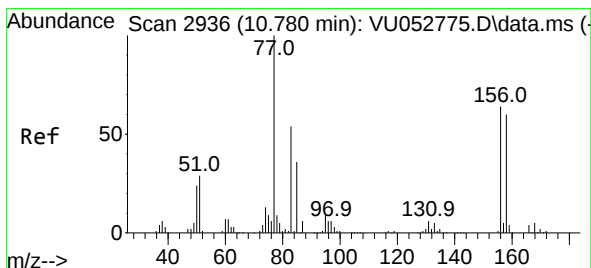
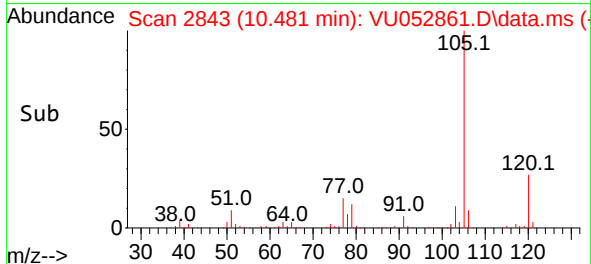
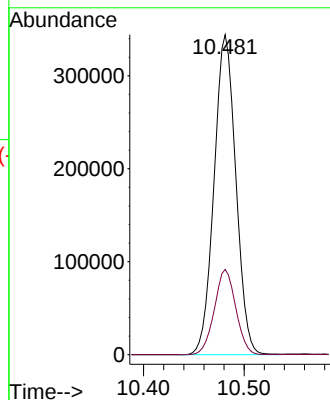
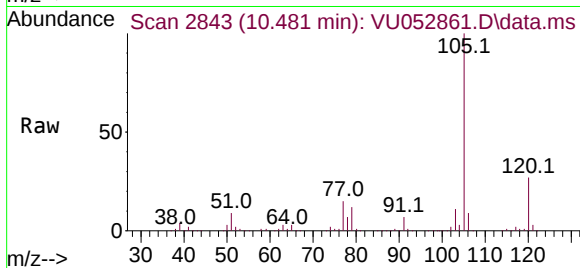
ClientSampleId :

Tgt Ion:105 Resp: 518246

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#70

1,1,2,2-Tetrachloroethane

Concen: 11.385 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

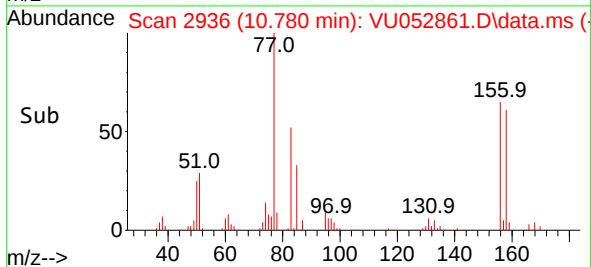
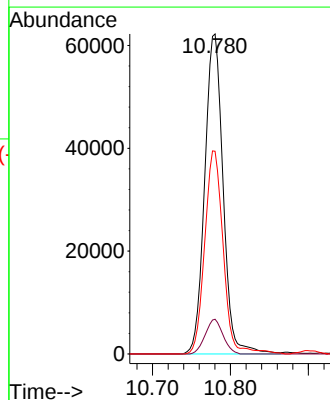
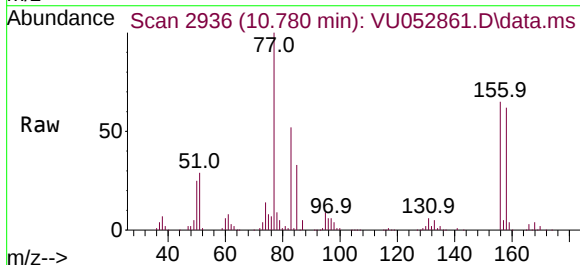
Tgt Ion: 83 Resp: 102175

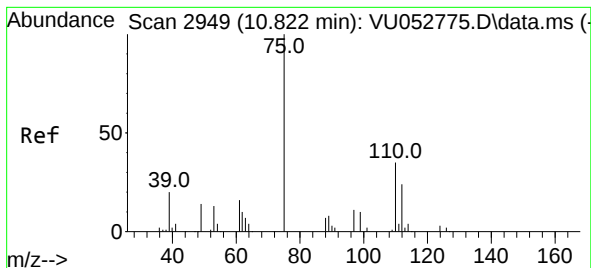
Ion Ratio Lower Upper

83 100

131 10.5 8.6 13.0

85 63.8 52.6 78.8





#71

1,2,3-Trichloropropane

Concen: 16.206 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 125897

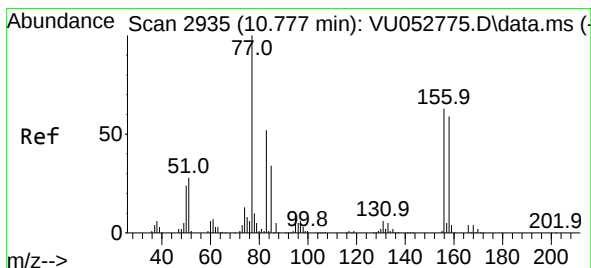
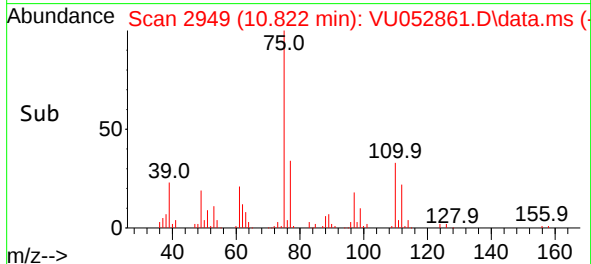
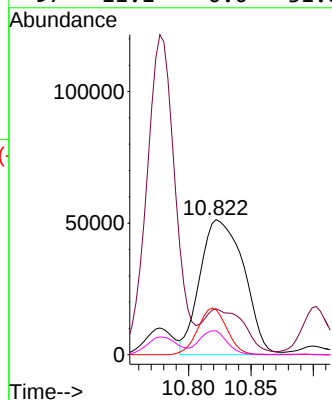
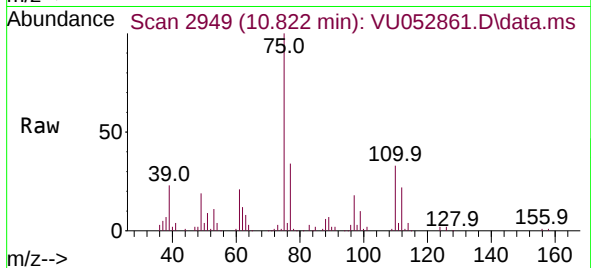
Ion Ratio Lower Upper

75 100

77 29.6 0.0 86.0

110 22.9 0.0 63.8

97 11.1 0.0 31.8



#72

Bromobenzene

Concen: 11.702 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

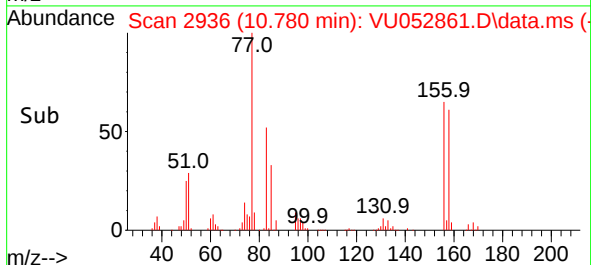
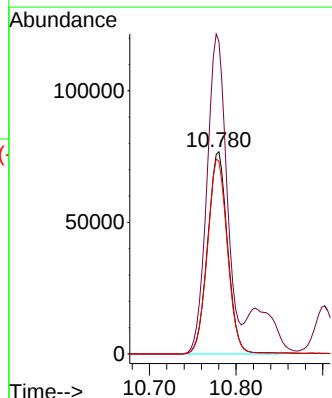
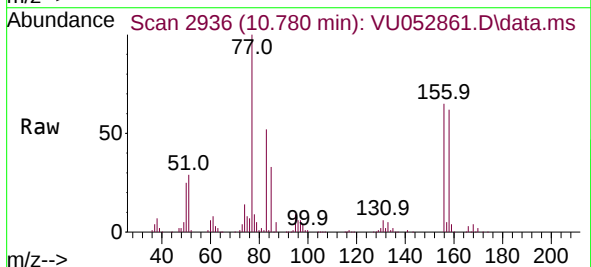
Tgt Ion: 156 Resp: 122780

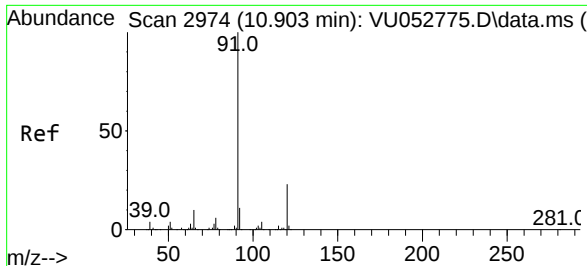
Ion Ratio Lower Upper

156 100

77 156.8 0.0 321.2

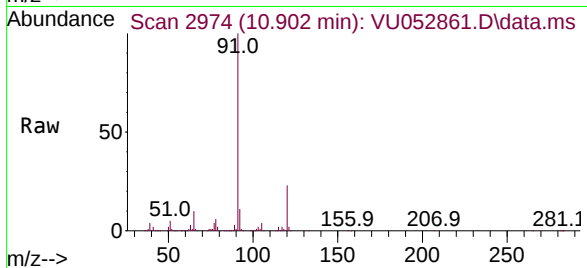
158 96.3 0.0 192.0



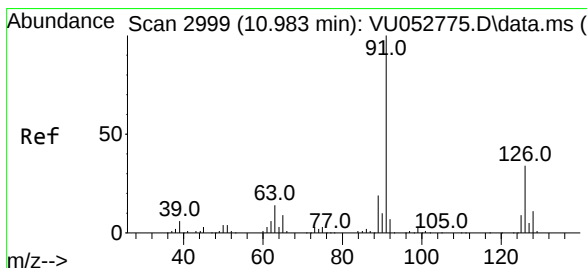
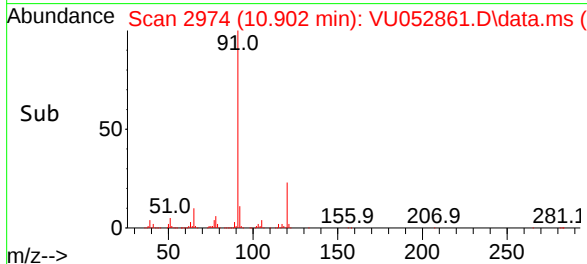
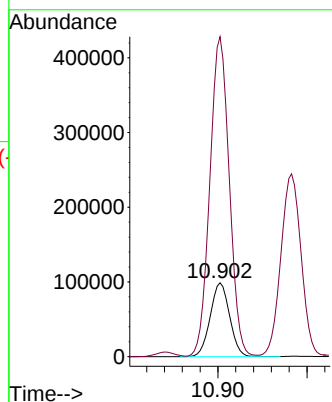


#73
n-propylbenzene
Concen: 10.672 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Instrument :
MSVOA_U
ClientSampleId :

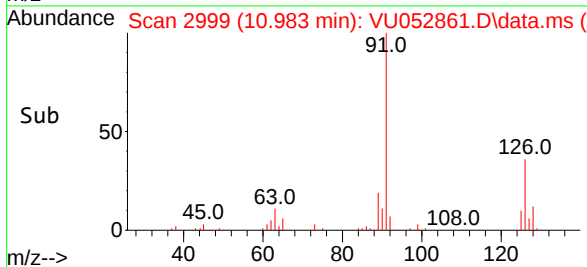
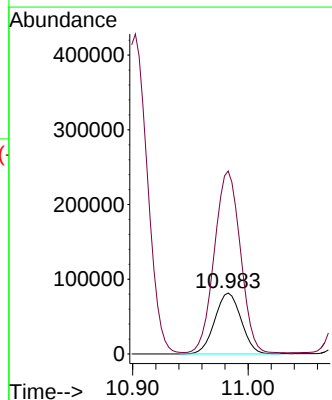
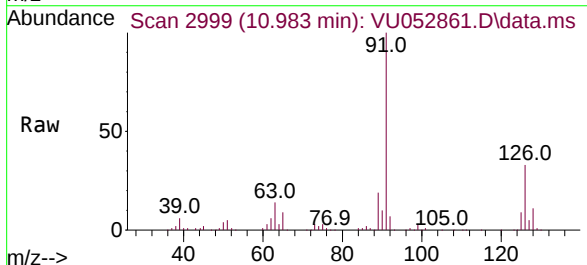


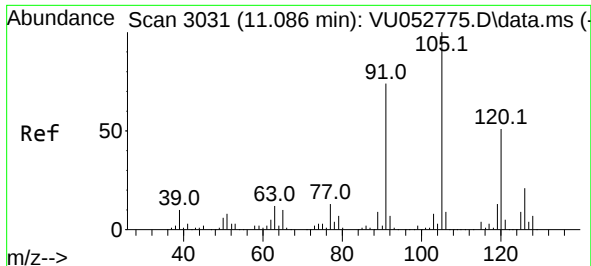
Tgt Ion:120 Resp: 149180
Ion Ratio Lower Upper
120 100
91 432.3 348.0 522.0



#74
2-Chlorotoluene
Concen: 12.393 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:126 Resp: 129322
Ion Ratio Lower Upper
126 100
91 295.0 0.0 588.6

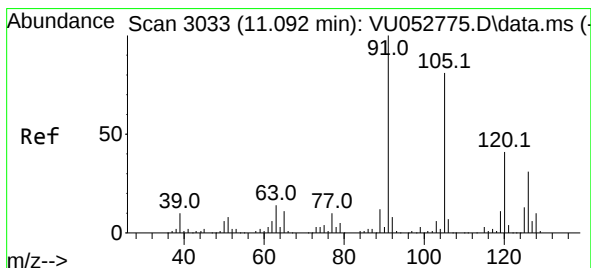
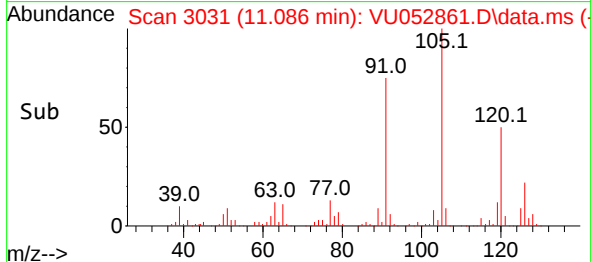
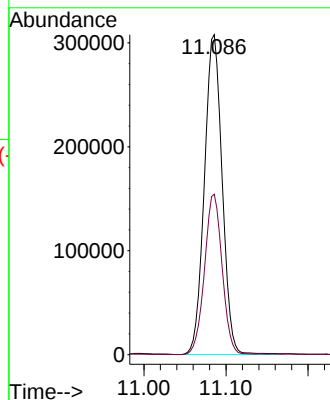
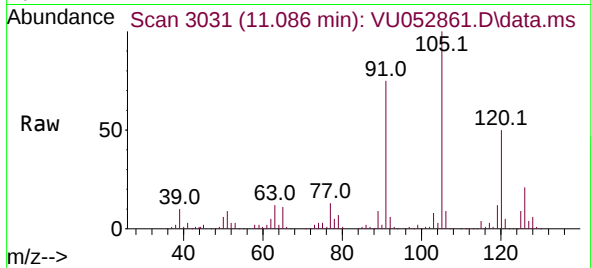




#75
1,3,5-Trimethylbenzene
Concen: 10.888 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

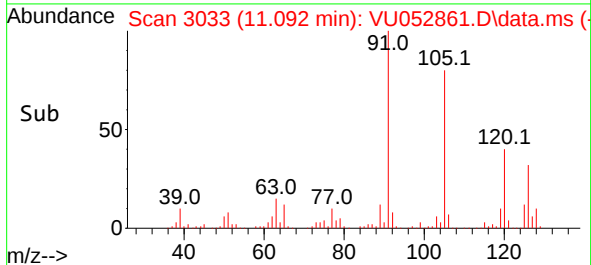
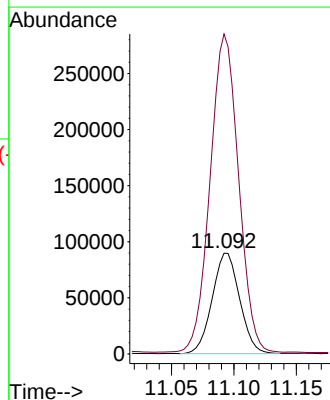
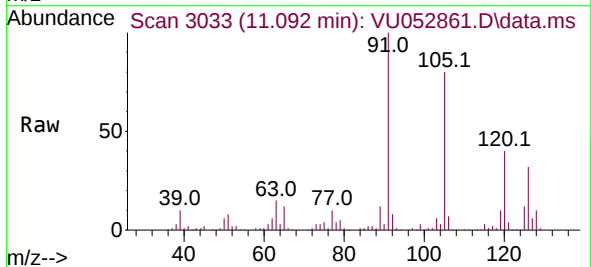
Instrument :
MSVOA_U
ClientSampleId :

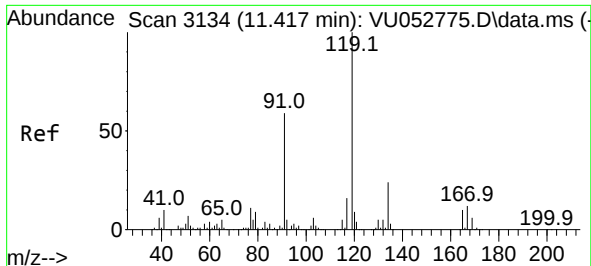
Tgt Ion:105 Resp: 463585
Ion Ratio Lower Upper
105 100
120 49.5 39.9 59.9



#76
4-Chlorotoluene
Concen: 12.792 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:126 Resp: 136994
Ion Ratio Lower Upper
126 100
91 328.3 0.0 661.8

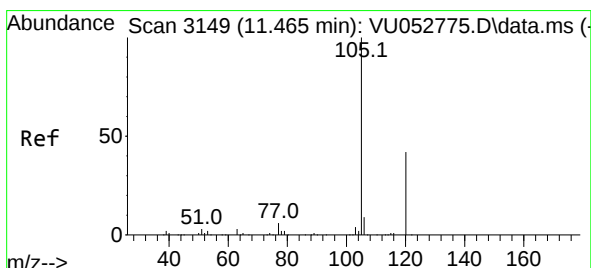
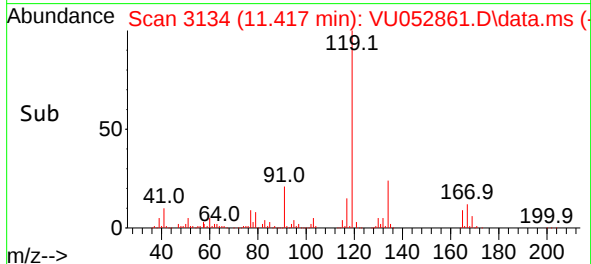
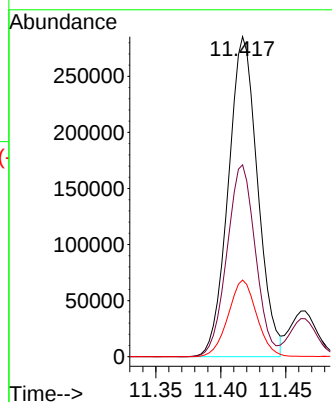
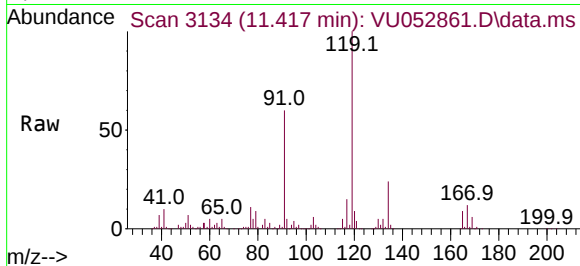




#77
tert-Butylbenzene
Concen: 12.501 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

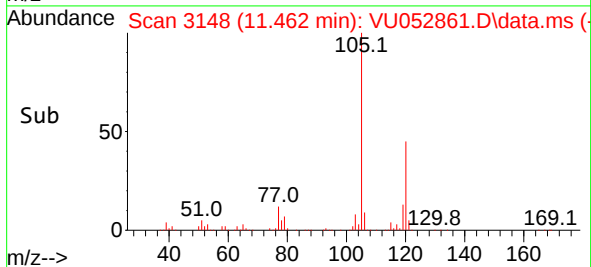
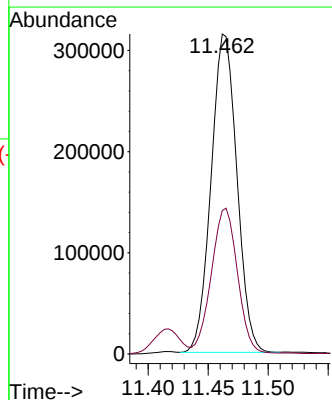
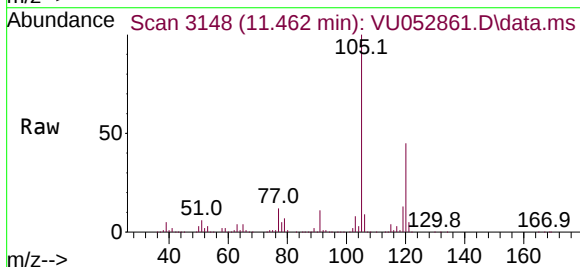
Instrument :
MSVOA_U
ClientSampleId :

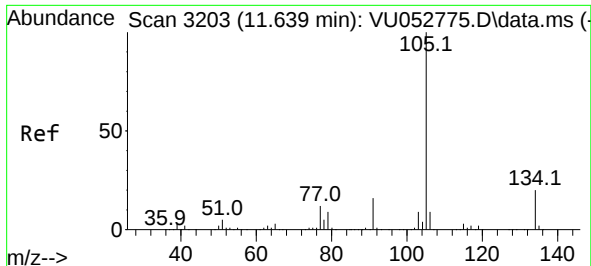
Tgt Ion:119 Resp: 449081
Ion Ratio Lower Upper
119 100
91 58.1 28.4 85.3
134 23.3 18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 10.797 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

Tgt Ion:105 Resp: 470459
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.3

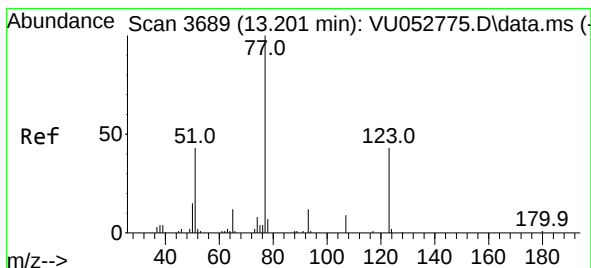
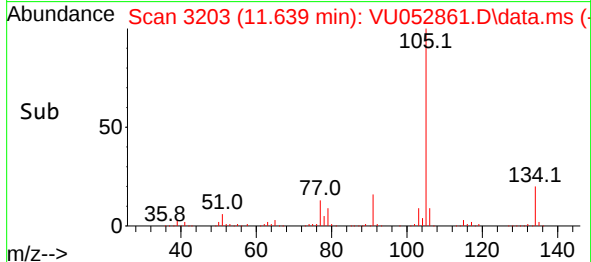
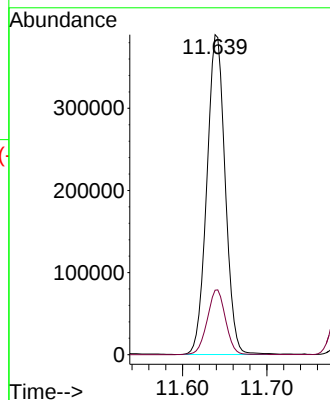
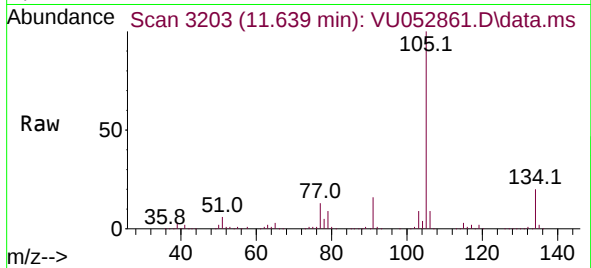




#79
 sec-Butylbenzene
 Concen: 10.561 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47

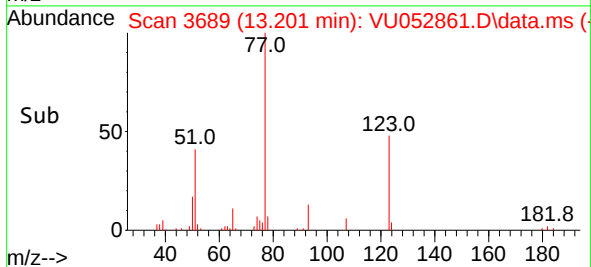
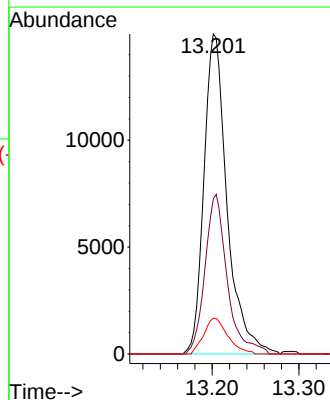
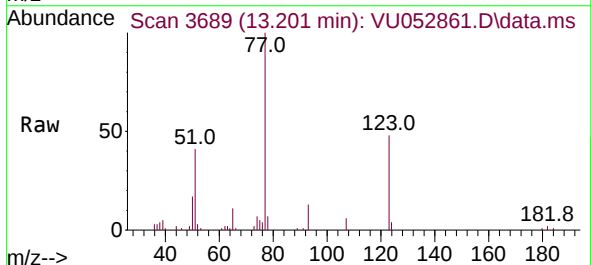
Instrument :
 MSVOA_U
 ClientSampleId :

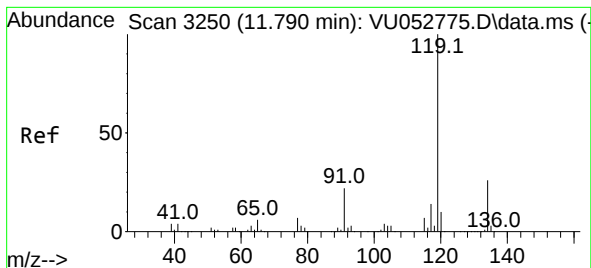
Tgt Ion:105 Resp: 589764
 Ion Ratio Lower Upper
 105 100
 134 20.3 16.5 24.7



#80
 Nitrobenzene
 Concen: 49.966 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47

Tgt Ion: 77 Resp: 27756
 Ion Ratio Lower Upper
 77 100
 123 48.0 18.8 66.8
 65 11.6 10.1 12.9





#81

p-Isopropyltoluene

Concen: 10.636 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

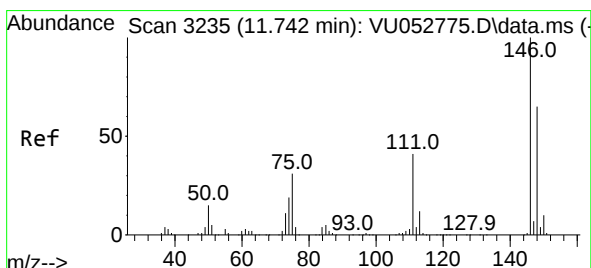
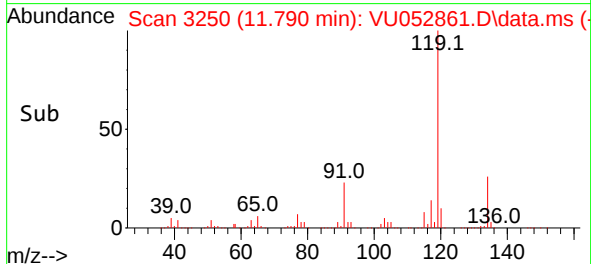
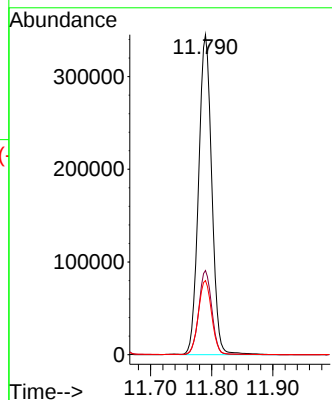
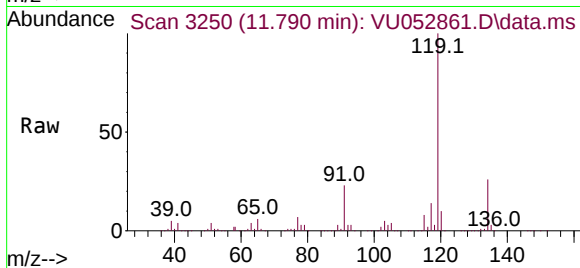
Tgt Ion:119 Resp: 515862

Ion Ratio Lower Upper

119 100

134 25.8 20.7 31.1

91 23.1 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 12.102 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

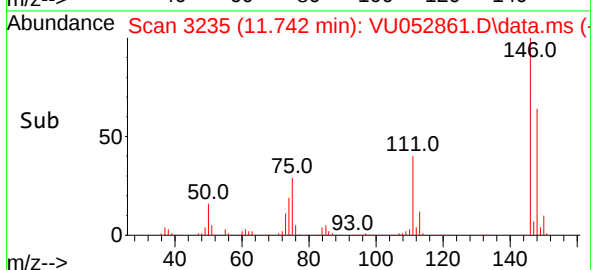
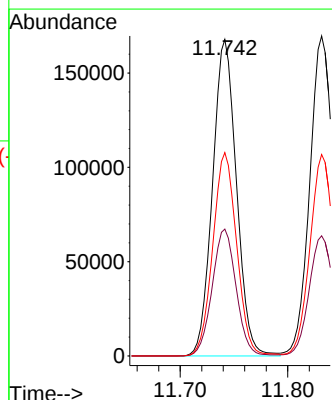
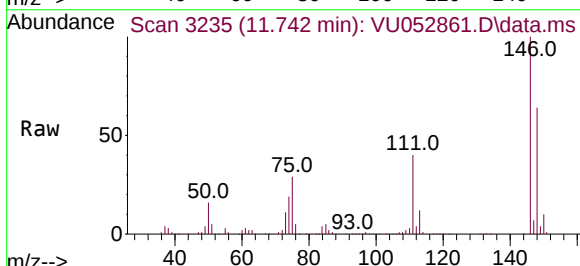
Tgt Ion:146 Resp: 259237

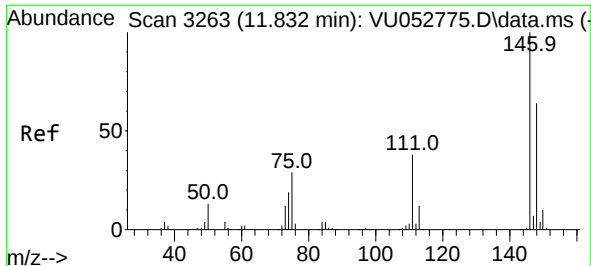
Ion Ratio Lower Upper

146 100

111 40.1 32.6 48.8

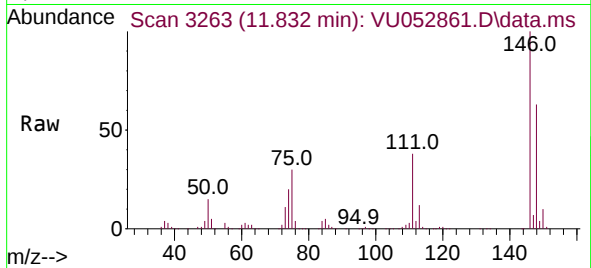
148 64.2 51.9 77.9



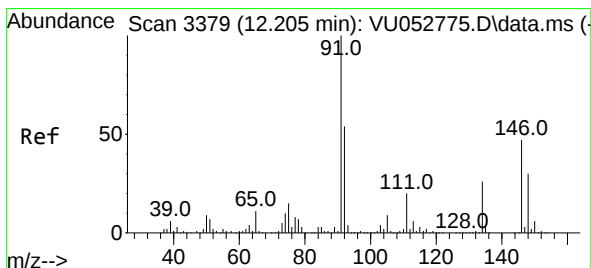
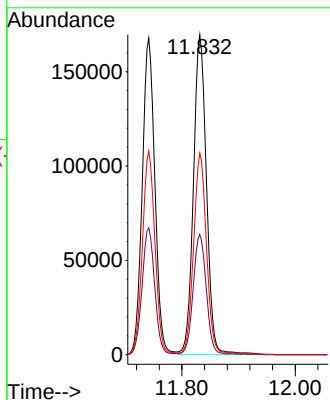
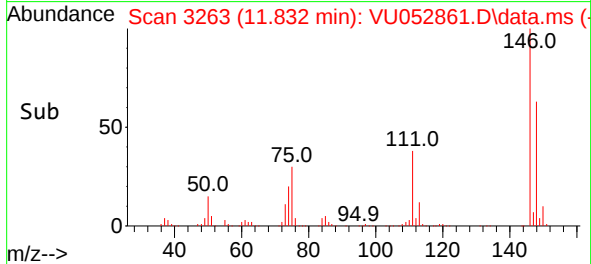


#83
1,4-Dichlorobenzene
Concen: 12.620 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

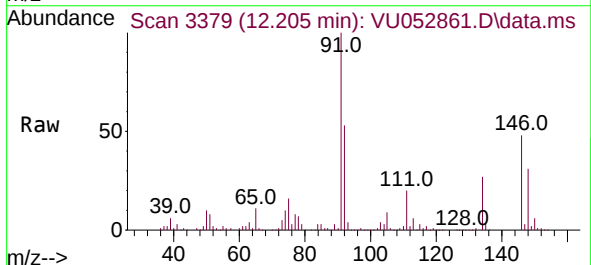
Instrument :
MSVOA_U
ClientSampleId :



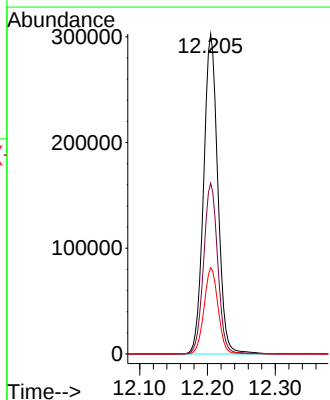
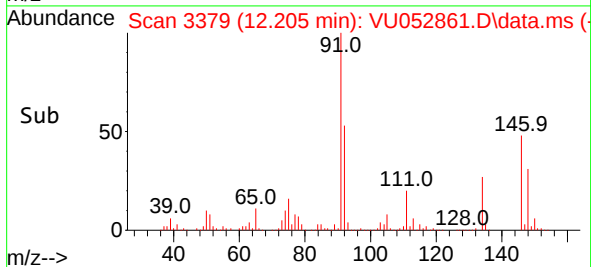
Tgt Ion:146 Resp: 271422
Ion Ratio Lower Upper
146 100
111 36.9 29.5 44.3
148 61.6 51.4 77.0

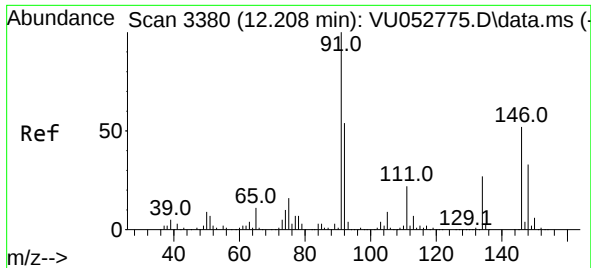


#84
n-Butylbenzene
Concen: 10.340 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47



Tgt Ion: 91 Resp: 440256
Ion Ratio Lower Upper
91 100
92 53.4 43.4 65.0
134 26.7 21.2 31.8

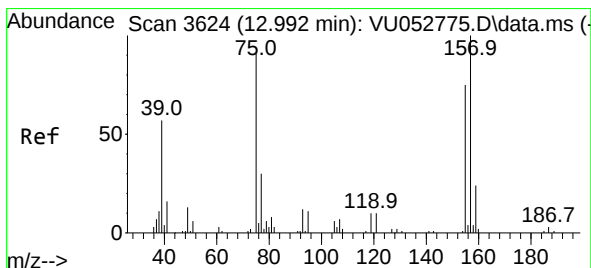
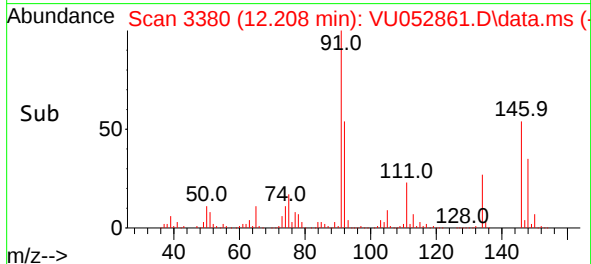
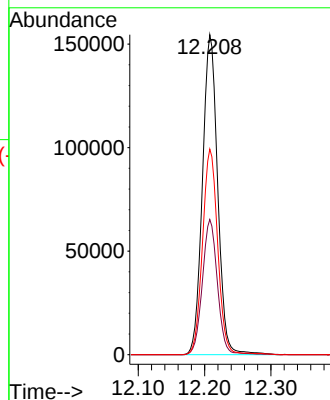
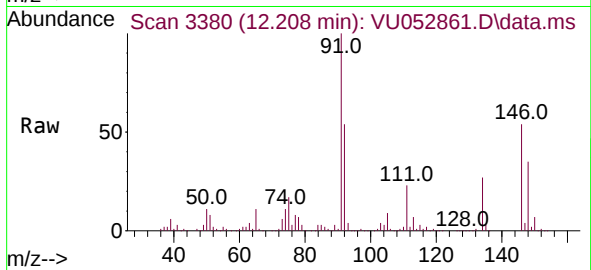




#85
1,2-Dichlorobenzene
Concen: 12.196 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

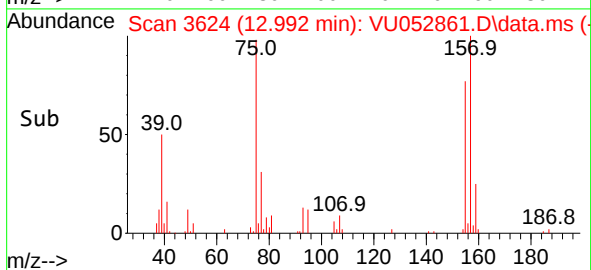
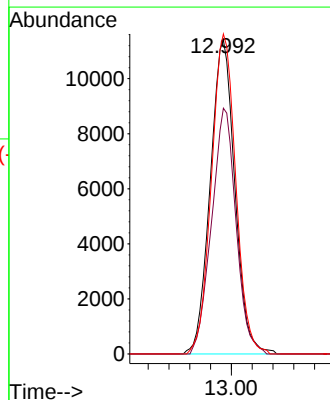
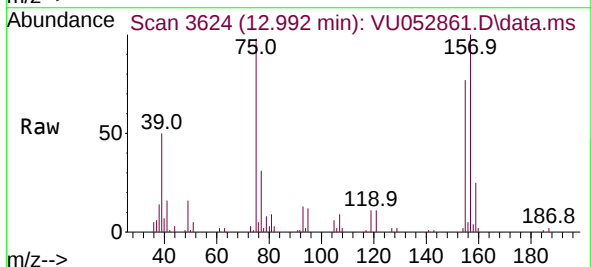
Instrument :
MSVOA_U
ClientSampleId :

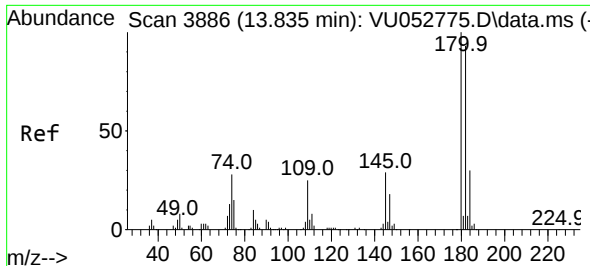
Tgt Ion:146 Resp: 246559
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 64.0 31.4 94.2



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.269 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU052861.D
Acq: 30 Jan 2023 10:47

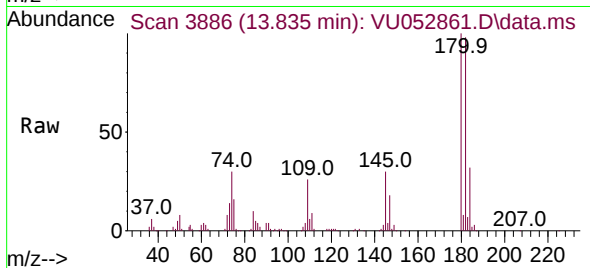
Tgt Ion: 75 Resp: 18733
Ion Ratio Lower Upper
75 100
155 77.5 66.0 99.0
157 100.6 85.9 128.9



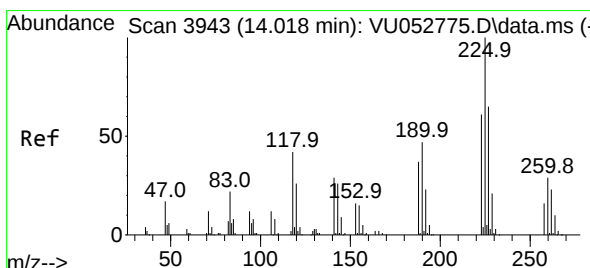
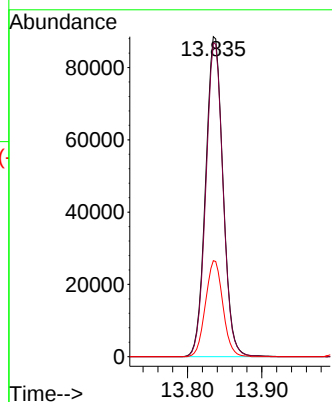
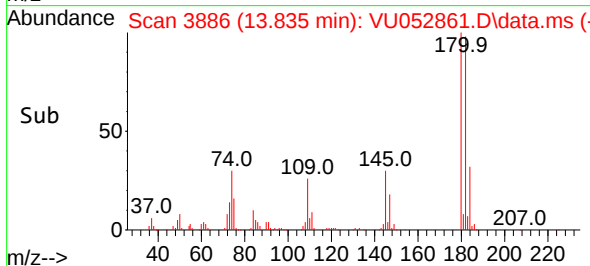


#87
 1,2,4-Trichlorobenzene
 Concen: 11.893 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47

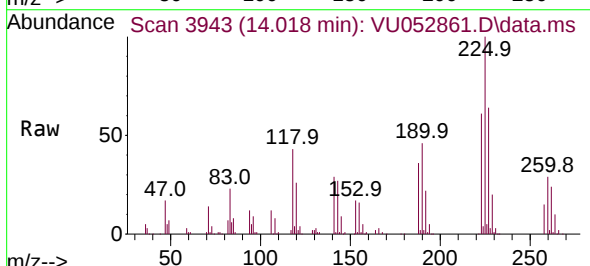
Instrument :
 MSVOA_U
 ClientSampleId :



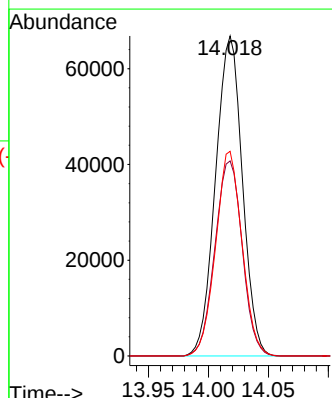
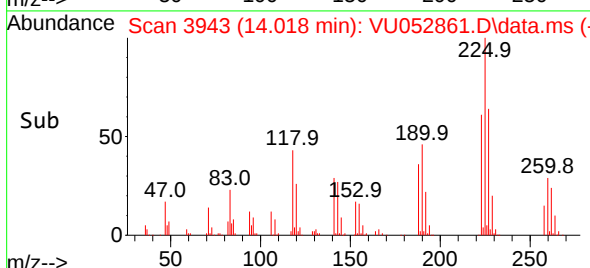
Tgt Ion:180 Resp: 144204
 Ion Ratio Lower Upper
 180 100
 182 96.9 74.6 112.0
 145 29.9 23.4 35.0

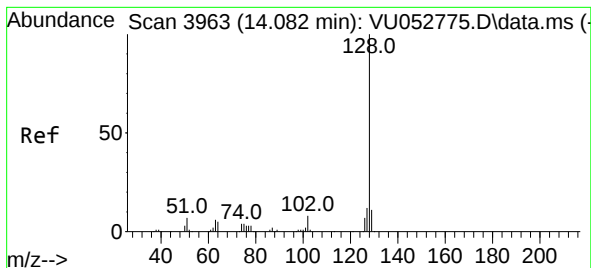


#88
 Hexachlorobutadiene
 Concen: 12.249 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.000 min
 Lab File: VU052861.D
 Acq: 30 Jan 2023 10:47



Tgt Ion:225 Resp: 104095
 Ion Ratio Lower Upper
 225 100
 223 62.0 49.8 74.6
 227 62.7 51.5 77.3





#89

Naphthalene

Concen: 10.226 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Instrument :

MSVOA_U

ClientSampleId :

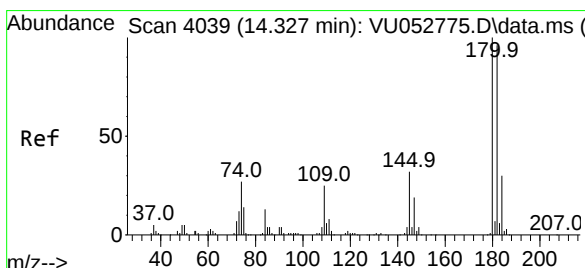
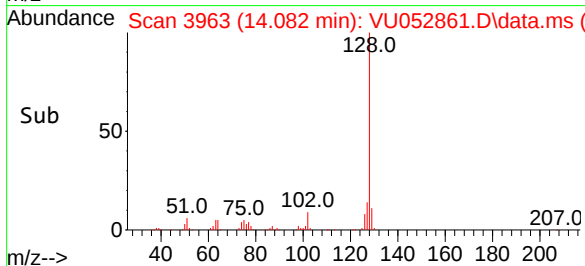
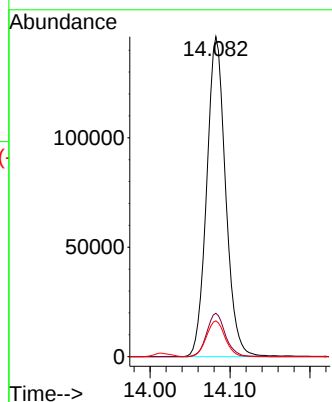
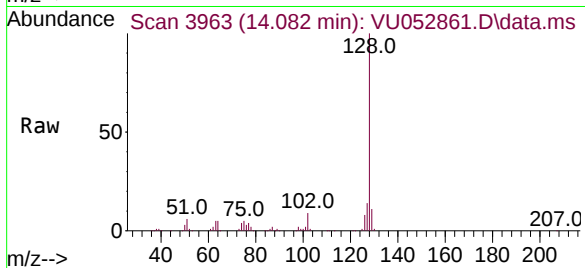
Tgt Ion:128 Resp: 240374

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.1 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 12.174 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU052861.D

Acq: 30 Jan 2023 10:47

Tgt Ion:180 Resp: 140110

Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.6

145 31.8 25.2 37.8

