

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052866.D
 Acq On : 30 Jan 2023 15:40
 Operator : JC/MD
 Sample : VU0130WBSD02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 31 07:43:46 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	31669	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9341	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11452	1.057	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	17997	1.679	ug/l	99
3) Chloromethane	1.520	50	13025	1.281	ug/l	98
4) Vinyl Chloride	1.604	62	15243	1.552	ug/l	98
5) Bromomethane	1.858	94	10272	2.013	ug/l	94
6) Chloroethane	1.932	64	11493	1.946	ug/l	91
7) Trichlorofluoromethane	2.138	101	31012	2.168	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	17409	2.226	ug/l	98
9) 1,1-Dichloroethene	2.578	96	14882	2.014	ug/l	98
10) Iodomethane	2.720	142	17917	2.190	ug/l	97
11) Allyl Chloride	2.922	41	17647	1.998	ug/l	90
12) Acrylonitrile	3.321	53	6508	4.154	ug/l	94
13) Acetone	2.646	43	21837	9.827	ug/l	# 87
14) Carbon Disulfide	2.790	76	43775	1.768	ug/l	98
15) Methylene Chloride	3.041	84	20364	2.282	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	17628	2.144	ug/l	98
17) 1,1-Dichloroethane	3.864	63	31995	2.305	ug/l	98
18) 2-Butanone	4.726	43	23968	9.284	ug/l	100
19) Cyclohexane	5.379	56	22338	1.830	ug/l	95
20) Methylcyclohexane	6.758	83	16476	1.210	ug/l	97
21) 2,2-Dichloropropane	4.655	77	29289	2.271	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	18540	2.158	ug/l	98
23) Diethyl Ether	2.375	59	10907	2.088	ug/l	99
24) tert-Butyl Alcohol	3.240	59	5471	8.697	ug/l	# 29
25) Methyl tert-Butyl Ether	3.363	73	37814	2.231	ug/l	95
26) Bromochloromethane	4.973	128	8901	2.219	ug/l	92
27) Chloroform	5.086	83	36269	2.437	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	33093	2.408	ug/l	99
29) 1,1-Dichloropropene	5.520	75	22010	1.900	ug/l	99
30) Carbon Tetrachloride	5.517	117	26847	2.153	ug/l	97
31) Isopropyl Ether	3.993	45	42779	2.144	ug/l	93
32) Ethyl-t-butyl ether	4.504	59	42668	2.290	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	30755	1.866	ug/l	98
34) Propionitrile	4.797	54	6551	11.083	ug/l	# 7
35) Benzene	5.768	78	63539	1.890	ug/l	100
36) 1,2-Dichloroethane	5.793	62	21985	2.177	ug/l	98
37) Trichloroethene	6.539	130	17152	1.871	ug/l	86
38) 1,2-Dichloropropane	6.790	63	13028	1.527	ug/l	94
39) Methacrylonitrile	4.980	41	5092	2.157	ug/l	# 72
40) Methyl acrylate	4.848	55	8761	2.093	ug/l	# 96
41) Tetrahydrofuran	5.073	42	4308	3.668	ug/l	# 83
42) 1-Chlorobutane	5.456	56	30168	2.037	ug/l	97
43) Dibromomethane	6.915	93	7428	1.721	ug/l	95
44) Bromodichloromethane	7.105	83	20858	1.781	ug/l	98

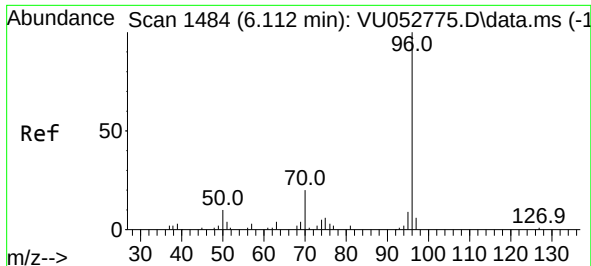
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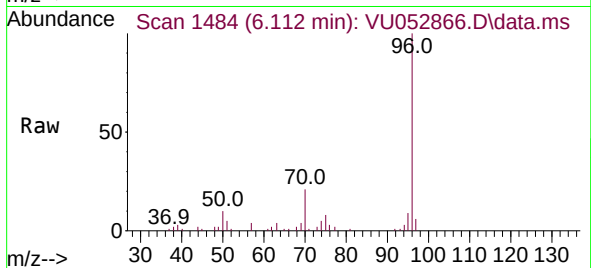
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	26849	5.918	ug/l	95
46) t-1,4-Dichloro-2-butene	10.822	75	14520	6.104	ug/l #	56
47) Methyl methacrylate	6.967	69	10318	2.689	ug/l	93
48) Ethyl methacrylate	8.337	69	7895	1.135	ug/l	95
49) Toluene	7.967	92	29057	1.423	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	14445	1.414	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	17381	1.446	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	11143	1.815	ug/l	91
53) 1,3-Dichloropropane	8.571	76	16695	1.573	ug/l	97
54) 2-Hexanone	8.690	43	20801	5.241	ug/l	98
55) Dibromochloromethane	8.806	129	15238	1.898	ug/l	95
56) 1,2-Dibromoethane	8.922	107	9540	1.632	ug/l	99
58) Tetrachloroethene	8.549	164	14662	1.773	ug/l	97
59) Chlorobenzene	9.446	112	34824	1.568	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	15813	1.839	ug/l	98
61) Pentachloroethane	11.423	117	12856	1.825	ug/l	93
62) Hexachloroethane	12.472	117	12202	1.715	ug/l	92
63) Ethyl Benzene	9.568	91	48275	1.342	ug/l	98
64) m/p-Xylenes	9.690	106	41890	2.920	ug/l	91
65) o-Xylene	10.099	106	21178	1.530	ug/l	87
66) Styrene	10.111	104	31196	1.540	ug/l	99
67) Bromoform	10.288	173	8743	1.845	ug/l	97
69) Isopropylbenzene	10.481	105	50065	1.421	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.777	83	12992	1.698	ug/l	94
71) 1,2,3-Trichloropropane	10.822	75	14520	2.192	ug/l	87
72) Bromobenzene	10.780	156	15034	1.680	ug/l	88
73) n-propylbenzene	10.902	120	14093	1.574	ug/l	93
74) 2-Chlorotoluene	10.983	126	14527	1.632	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	42817	1.554	ug/l	93
76) 4-Chlorotoluene	11.095	126	15434	1.690	ug/l	82
77) tert-Butylbenzene	11.417	119	48328	1.578	ug/l	96
78) 1,2,4-Trimethylbenzene	11.465	105	44577	1.604	ug/l	97
79) sec-Butylbenzene	11.639	105	59522	1.628	ug/l	97
80) Nitrobenzene	13.201	77	3729	7.872	ug/l #	83
81) p-Isopropyltoluene	11.790	119	49495	1.627	ug/l	96
82) 1,3-Dichlorobenzene	11.742	146	33851	1.853	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	31804	1.734	ug/l	98
84) n-Butylbenzene	12.205	91	39550	1.585	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	30814	1.787	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	2245	1.584	ug/l	88
87) 1,2,4-Trichlorobenzene	13.835	180	17824	1.724	ug/l	94
88) Hexachlorobutadiene	14.018	225	14641	2.020	ug/l	97
89) Naphthalene	14.082	128	23085	1.152	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	15325	1.562	ug/l	97

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

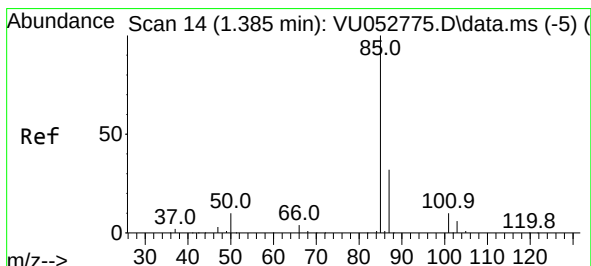
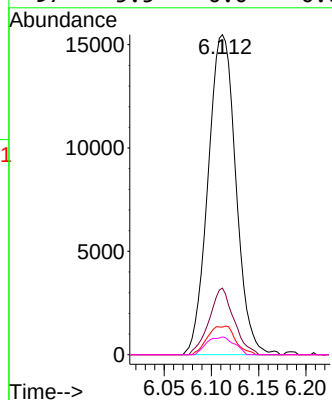
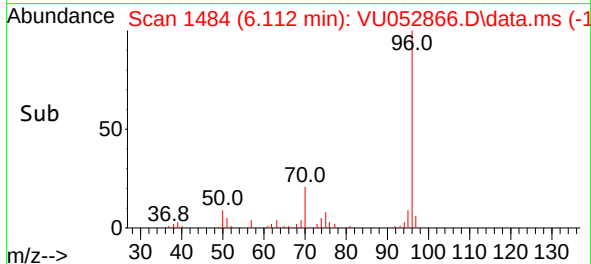


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Instrument :
MSVOA_U
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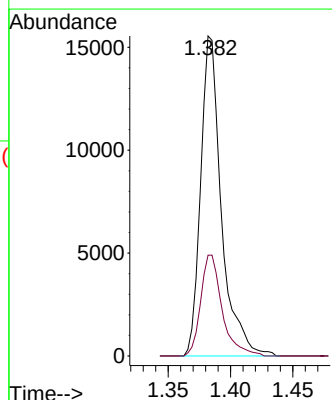
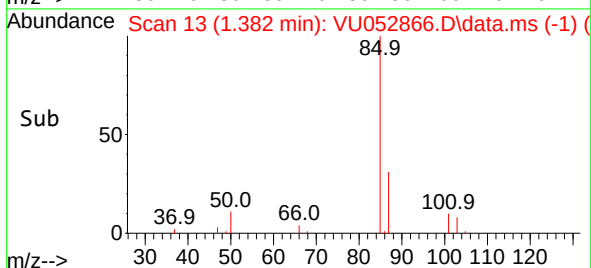
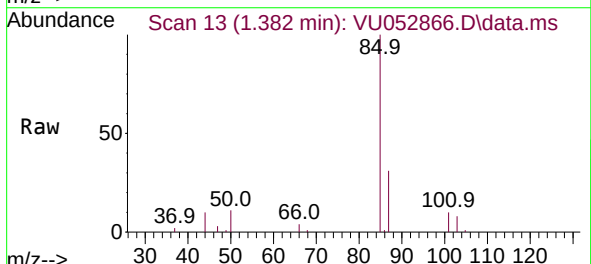


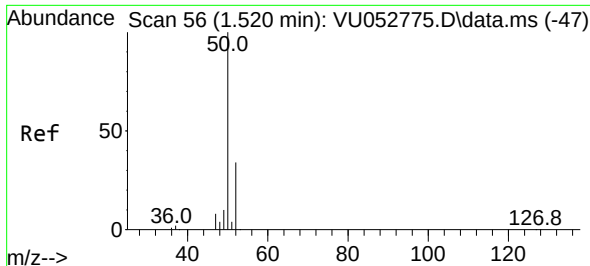
Tgt Ion: 96 Resp: 31669
Ion Ratio Lower Upper
96 100
70 18.4 16.2 24.4
95 8.9 7.4 11.0
97 5.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.679 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 85 Resp: 17997
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

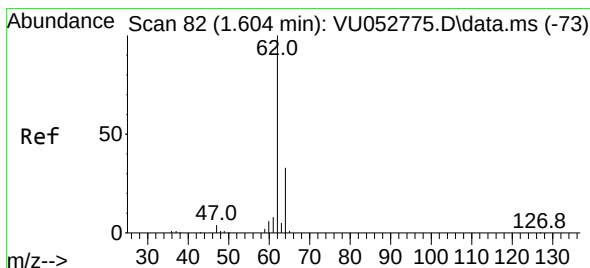
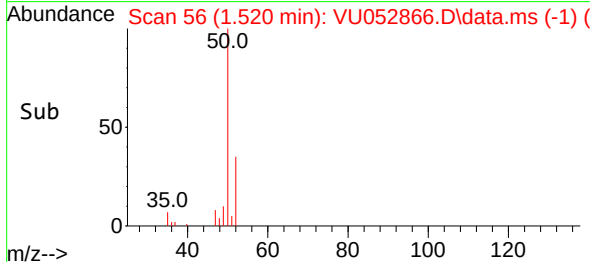
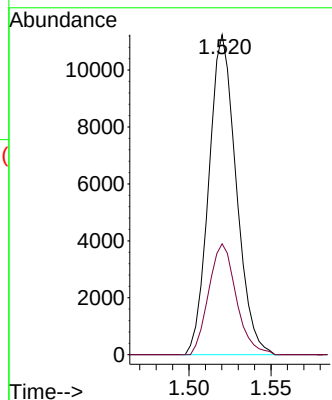
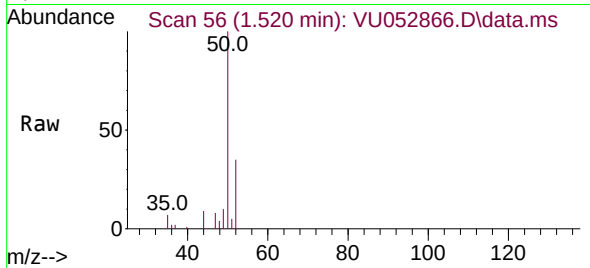




#3
Chloromethane
Concen: 1.281 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

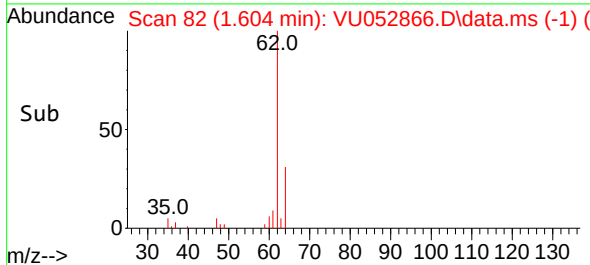
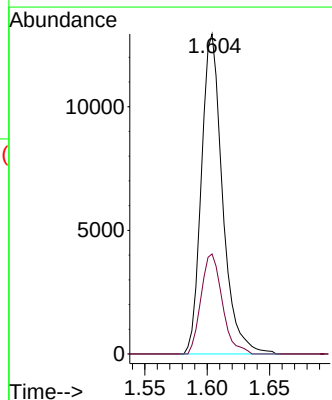
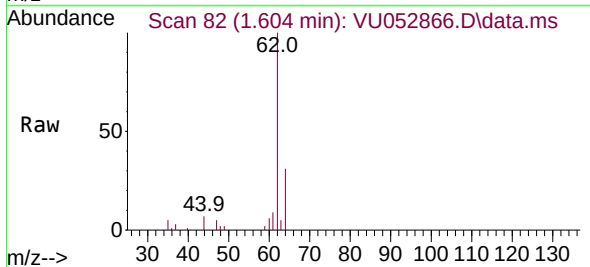
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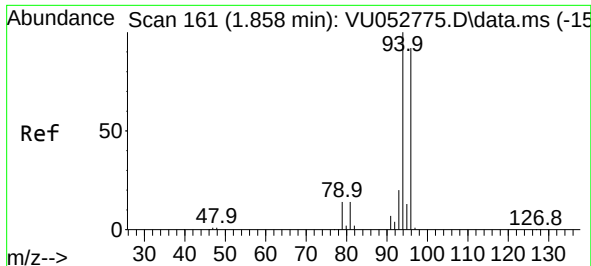
Tgt Ion: 50 Resp: 13025
Ion Ratio Lower Upper
50 100
52 34.7 26.8 40.2



#4
Vinyl Chloride
Concen: 1.552 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 62 Resp: 15243
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

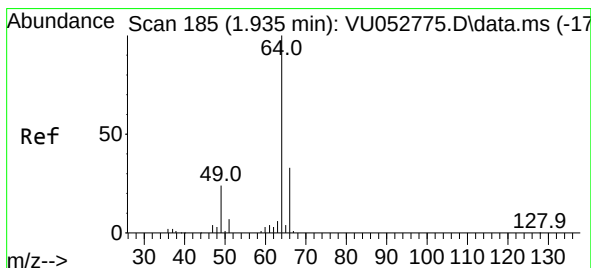
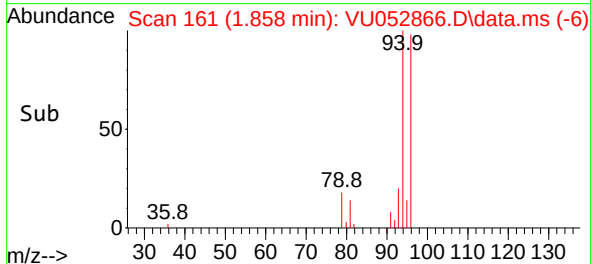
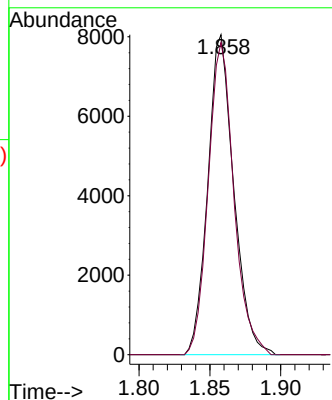
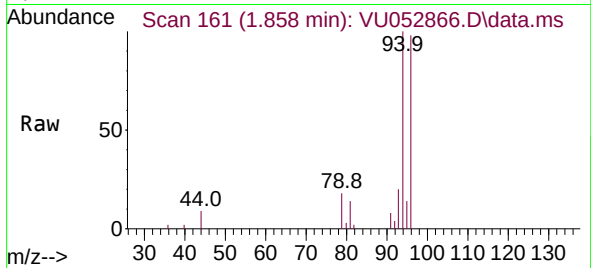




#5
Bromomethane
Concen: 2.013 ug/l
RT: 1.858 min Scan# 10
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

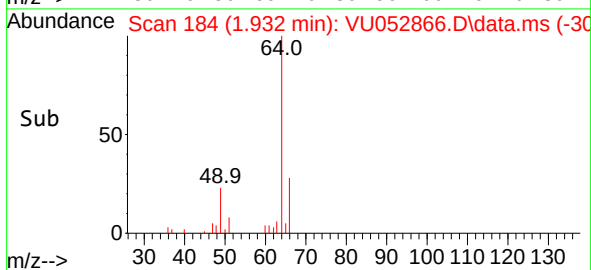
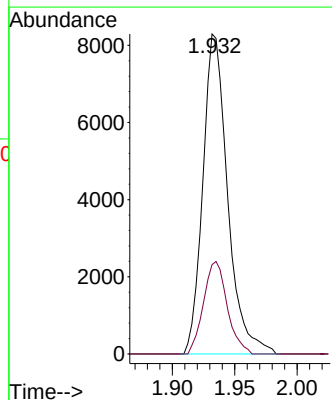
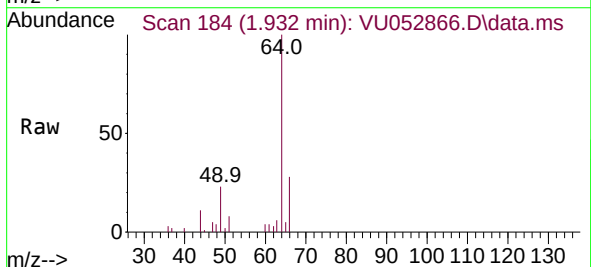
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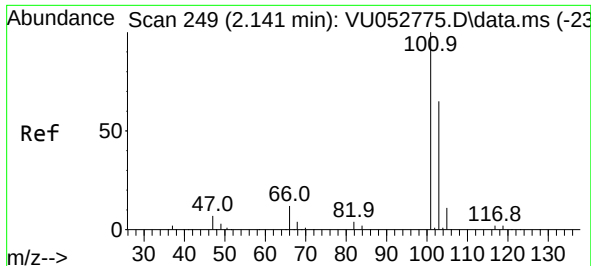
Tgt Ion: 94 Resp: 10272
Ion Ratio Lower Upper
94 100
96 97.6 73.8 110.6



#6
Chloroethane
Concen: 1.946 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

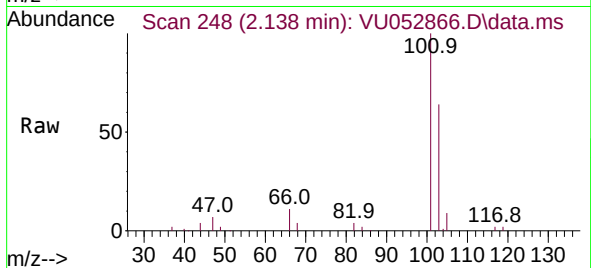
Tgt Ion: 64 Resp: 11493
Ion Ratio Lower Upper
64 100
66 27.9 26.6 40.0



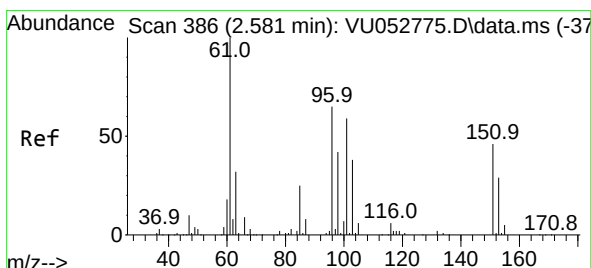
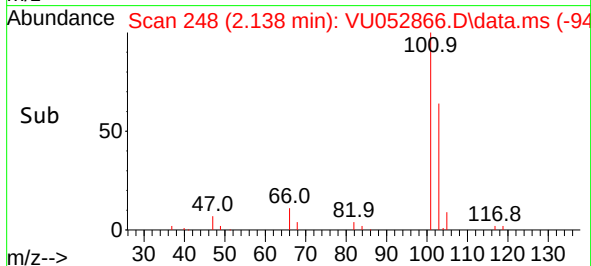
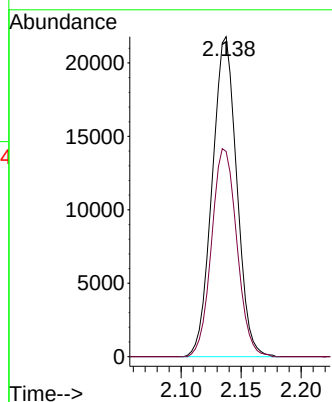


#7
 Trichlorofluoromethane
 Concen: 2.168 ug/l
 RT: 2.138 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Instrument :
 MSVOA_U
 ClientSampleId :

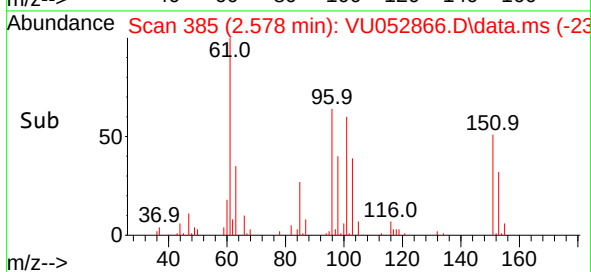
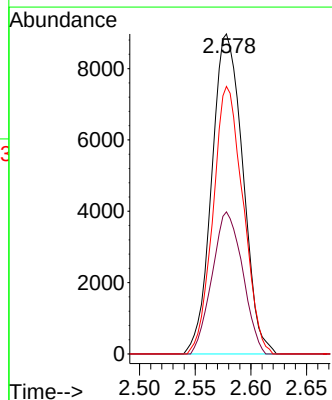
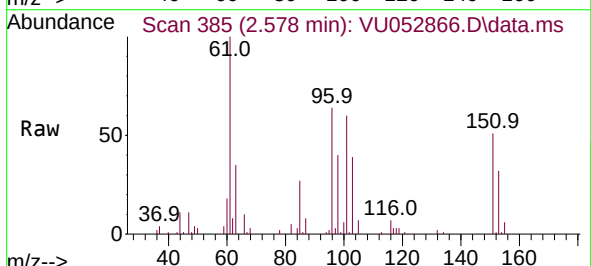


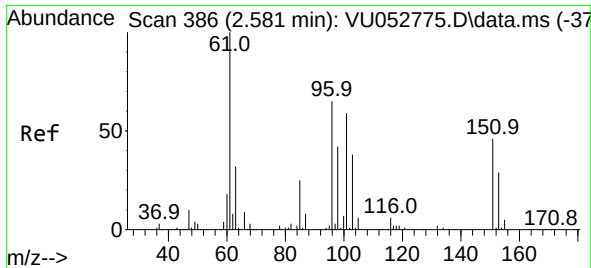
Tgt Ion:101 Resp: 31012
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.226 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052866.D
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Tgt Ion:101 Resp: 17409
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.1 51.1
 151 80.5 63.0 94.4

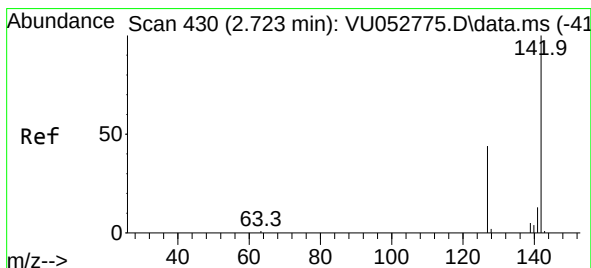
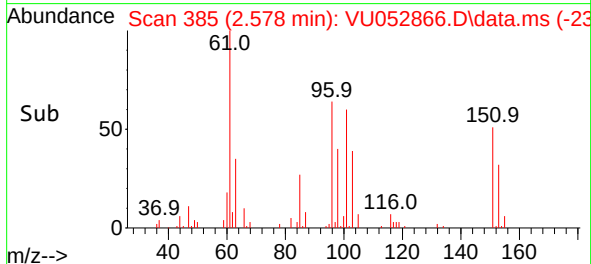
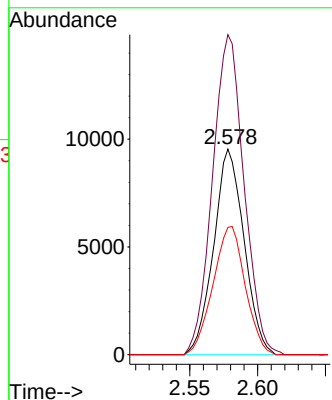
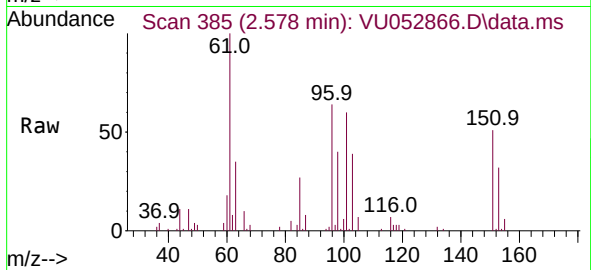




#9
1,1-Dichloroethene
Concen: 2.014 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

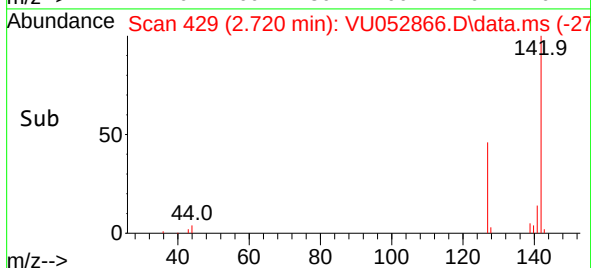
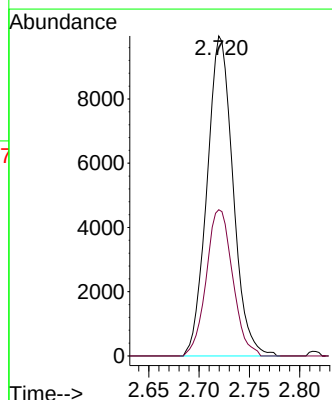
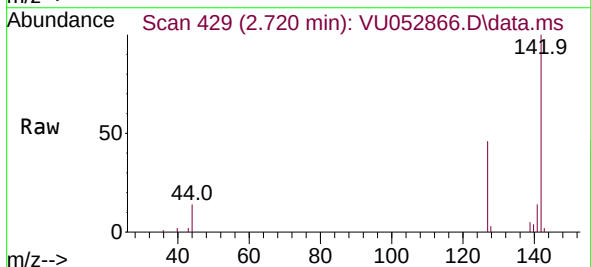
Instrument :
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ClientSampleId :

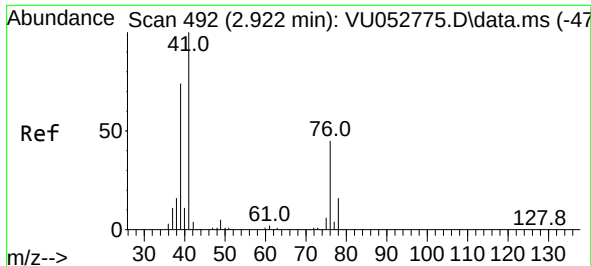
Tgt Ion: 96 Resp: 14882
Ion Ratio Lower Upper
96 100
61 155.6 0.0 460.5
98 61.9 0.0 128.0



#10
Iodomethane
Concen: 2.190 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 142 Resp: 17917
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0

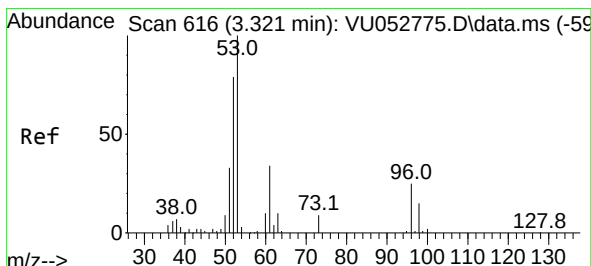
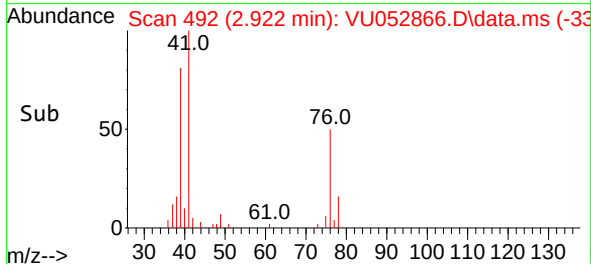
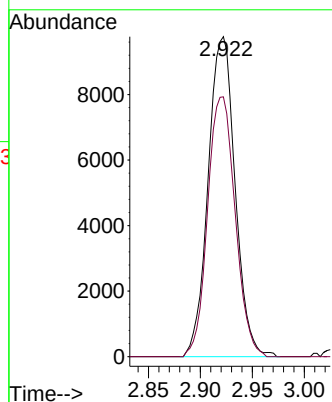
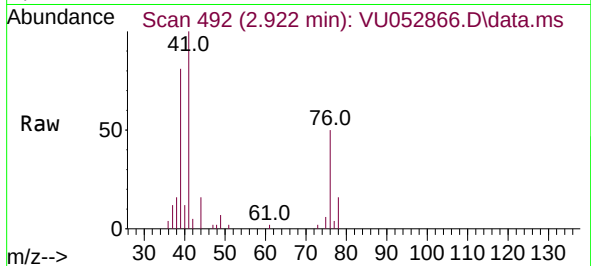




#11
 Allyl Chloride
 Concen: 1.998 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

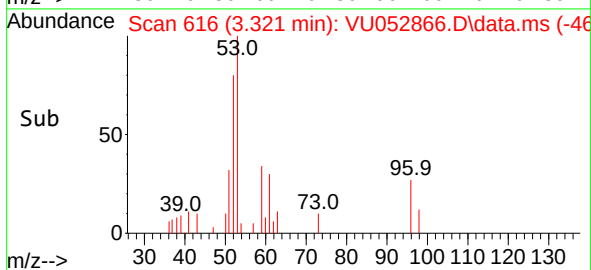
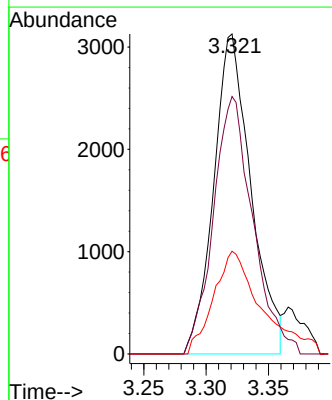
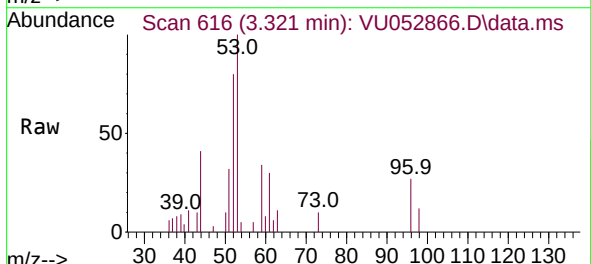
Instrument :
 MSVOA_U
 ClientSampleId :

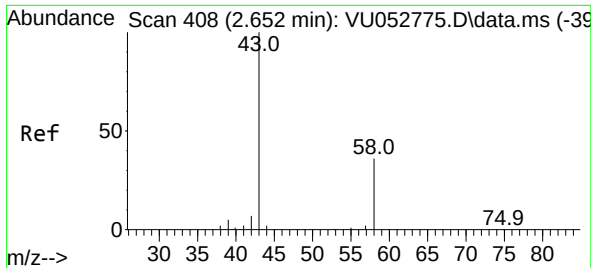
Tgt Ion: 41 Resp: 17647
 Ion Ratio Lower Upper
 41 100
 39 82.9 59.3 88.9



#12
 Acrylonitrile
 Concen: 4.154 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Tgt Ion: 53 Resp: 6508
 Ion Ratio Lower Upper
 53 100
 52 85.1 63.0 94.4
 51 41.3 31.3 46.9





#13

Acetone

Concen: 9.827 ug/l

RT: 2.646 min Scan# 406

Delta R.T. -0.006 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

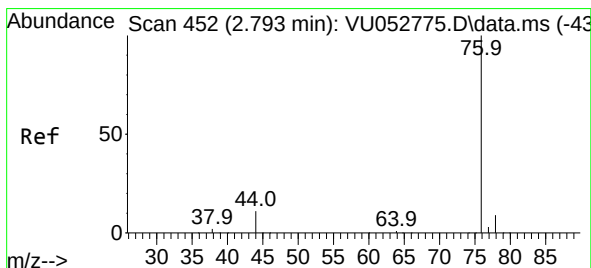
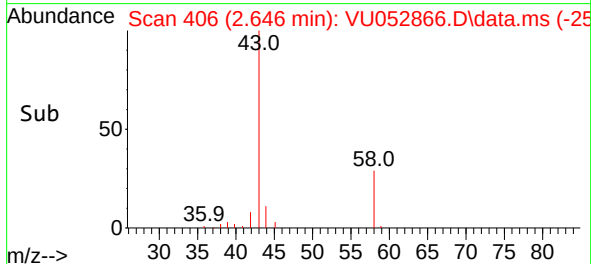
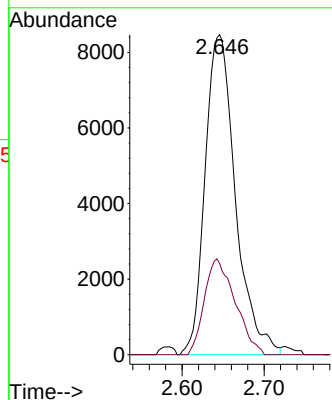
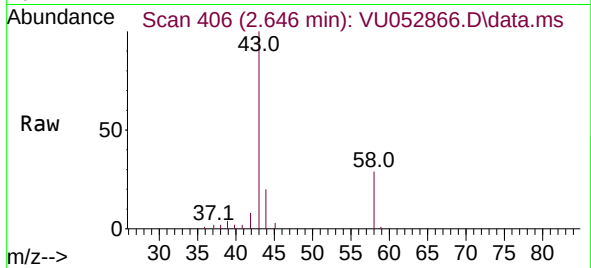
ClientSampleId :

Tgt Ion: 43 Resp: 21837

Ion Ratio Lower Upper

43 100

58 28.6 29.0 43.4#



#14

Carbon Disulfide

Concen: 1.768 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052866.D

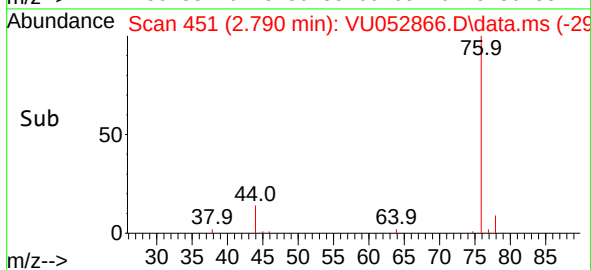
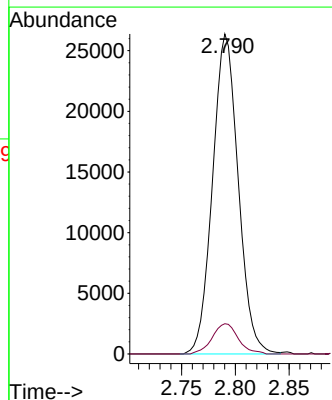
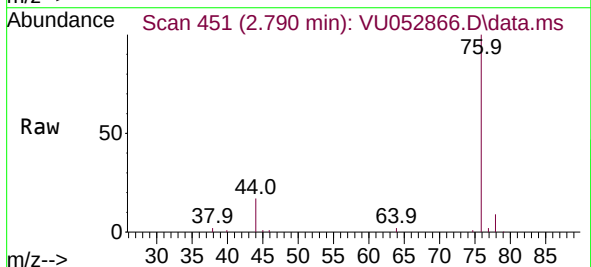
Acq: 30 Jan 2023 15:40

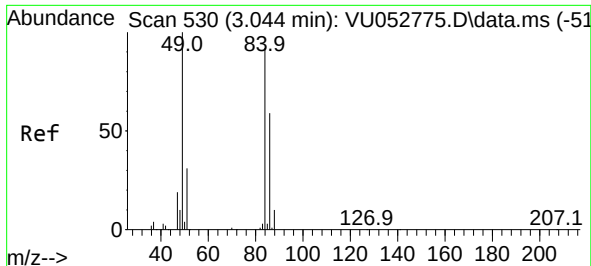
Tgt Ion: 76 Resp: 43775

Ion Ratio Lower Upper

76 100

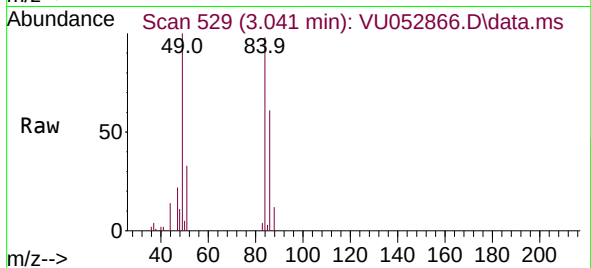
78 9.5 7.1 10.7



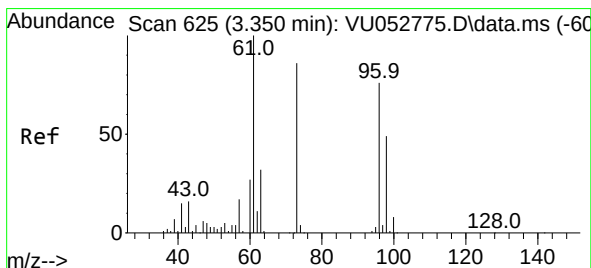
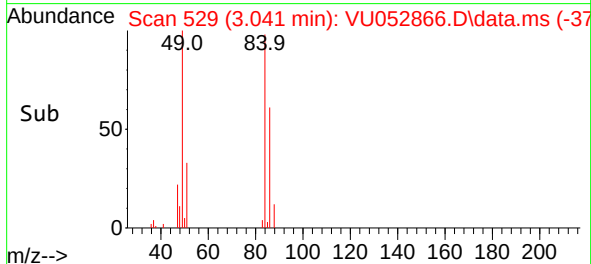
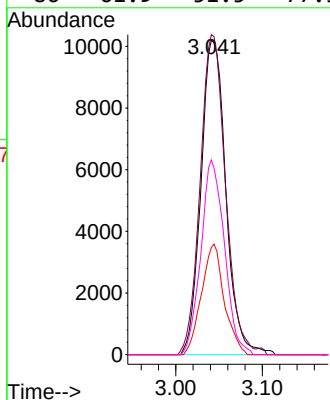


#15
Methylene Chloride
Concen: 2.282 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Instrument :
MSVOA_U
ClientSampleId :

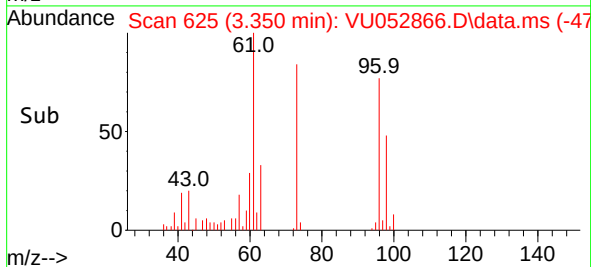
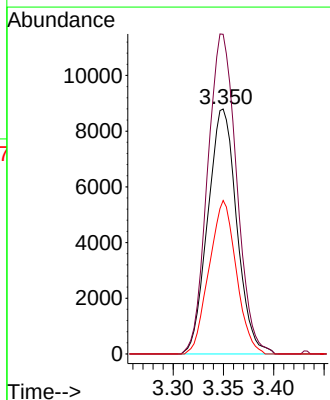
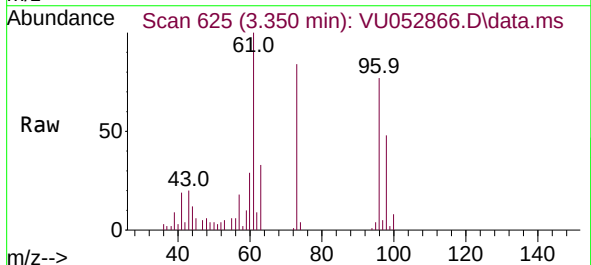


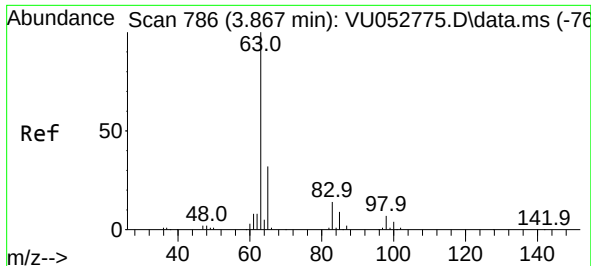
Tgt Ion:	84	Resp:	20364
Ion	Ratio	Lower	Upper
84	100		
49	101.8	86.7	130.1
51	34.1	0.0	66.8
86	61.9	51.5	77.3



#16
trans-1,2-Dichloroethene
Concen: 2.144 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion:	96	Resp:	17628
Ion	Ratio	Lower	Upper
96	100		
61	130.5	105.7	158.5
98	62.6	51.4	77.2

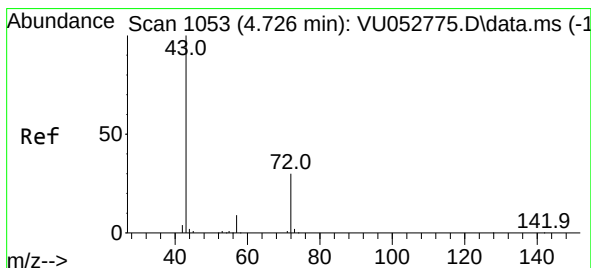
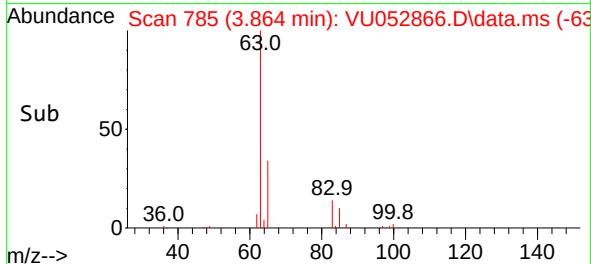
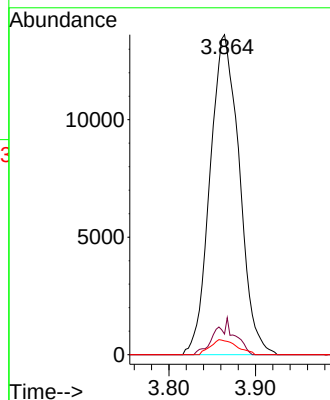
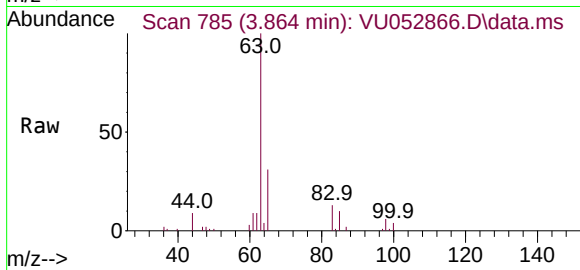




#17
1,1-Dichloroethane
Concen: 2.305 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

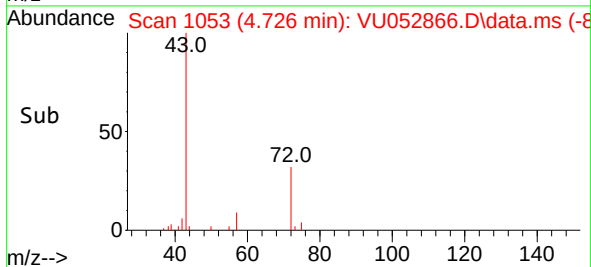
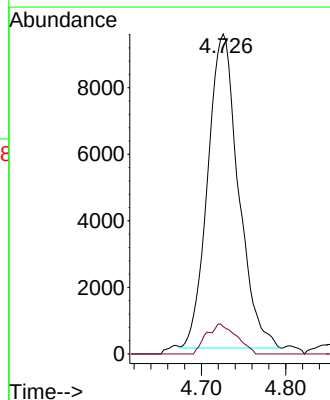
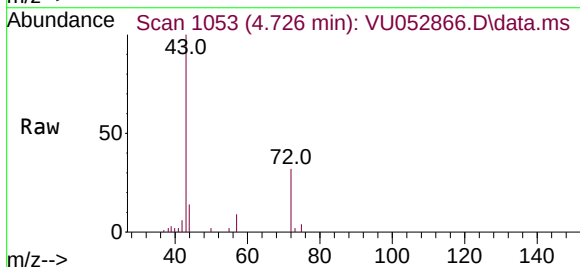
Instrument :
MSVOA_U
ClientSampleId :

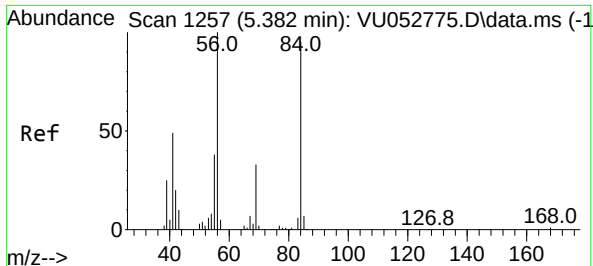
Tgt Ion: 63 Resp: 31995
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 4.3 2.2 6.6



#18
2-Butanone
Concen: 9.284 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 43 Resp: 23968
Ion Ratio Lower Upper
43 100
57 8.7 0.0 17.4





#19

Cyclohexane

Concen: 1.830 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.003 min

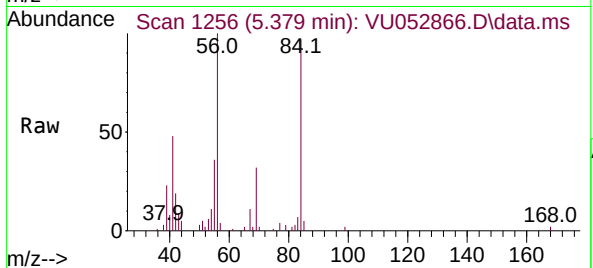
Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :



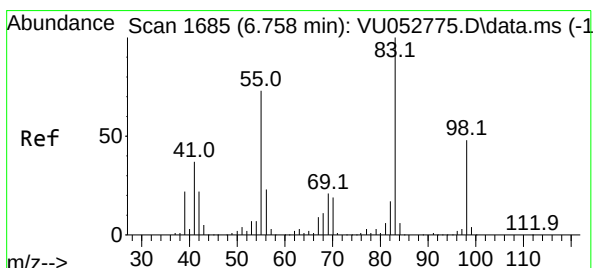
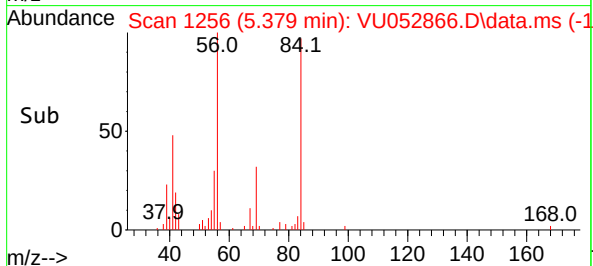
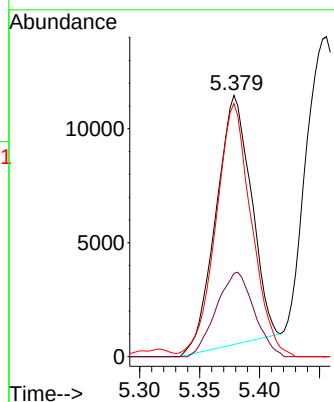
Tgt Ion: 56 Resp: 22338

Ion Ratio Lower Upper

56 100

69 36.3 26.8 40.2

84 100.9 77.0 115.6



#20

Methylcyclohexane

Concen: 1.210 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

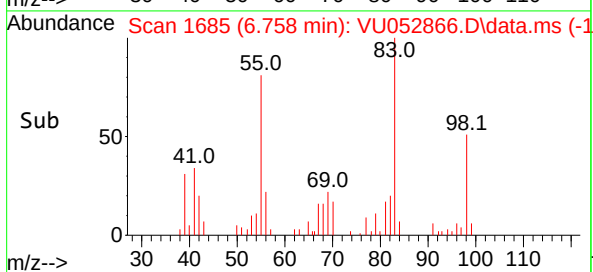
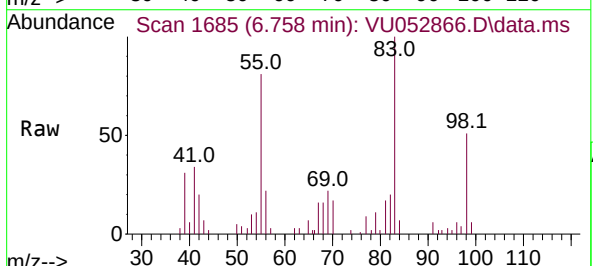
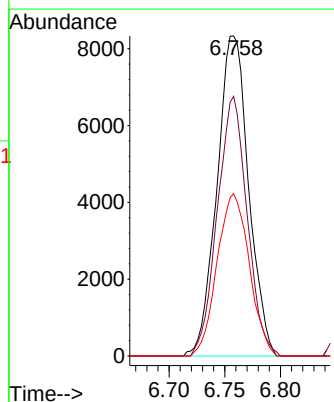
Tgt Ion: 83 Resp: 16476

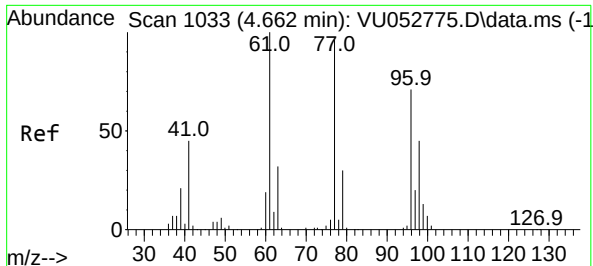
Ion Ratio Lower Upper

83 100

55 76.4 58.7 88.1

98 51.5 39.4 59.2

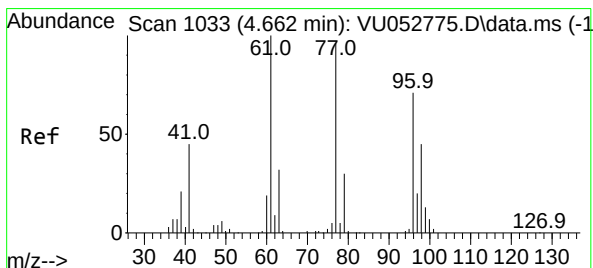
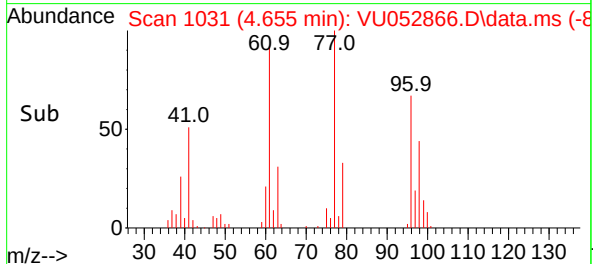
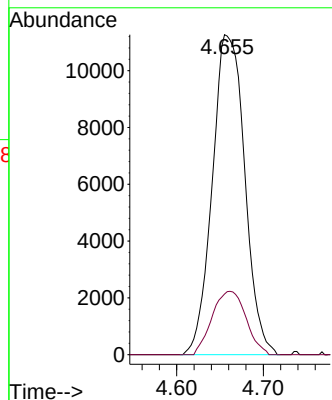
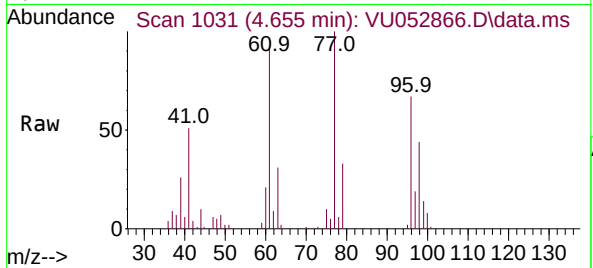




#21
2,2-Dichloropropane
Concen: 2.271 ug/l
RT: 4.655 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

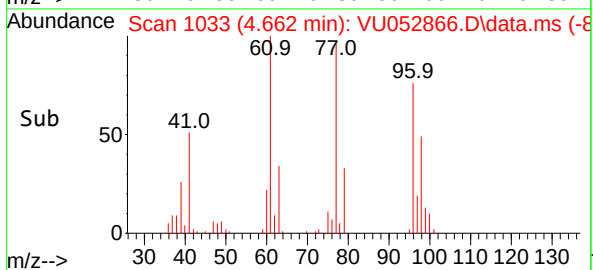
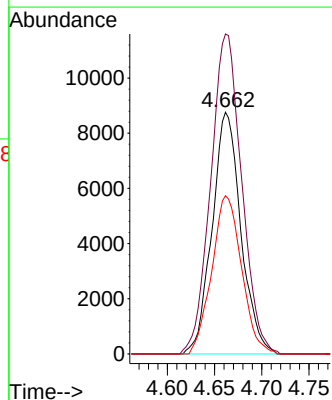
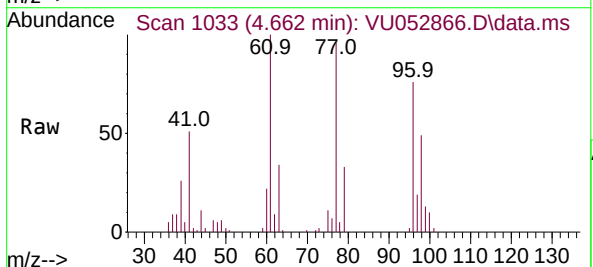
Instrument :
MSVOA_U
ClientSampleId :

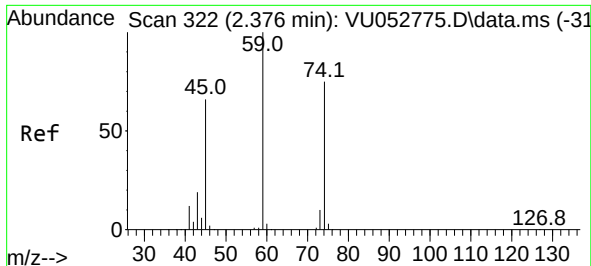
Tgt Ion: 77 Resp: 29289
Ion Ratio Lower Upper
77 100
97 20.7 16.8 25.2



#22
cis-1,2-Dichloroethene
Concen: 2.158 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 96 Resp: 18540
Ion Ratio Lower Upper
96 100
61 142.5 0.0 353.3
98 67.7 32.6 97.7

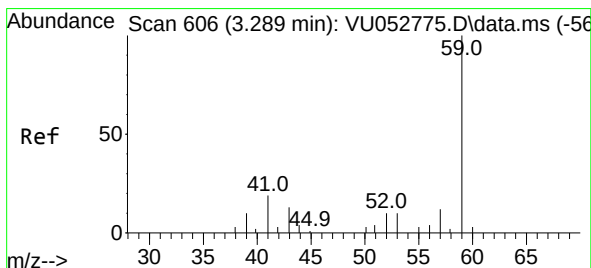
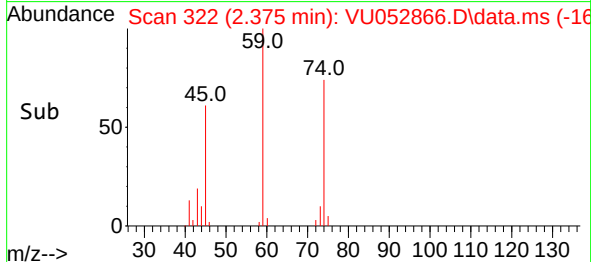
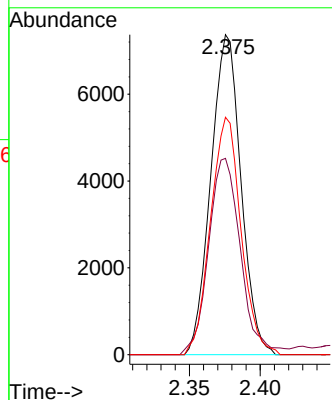
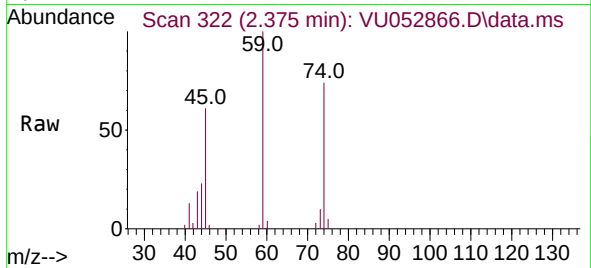




#23
Diethyl Ether
Concen: 2.088 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

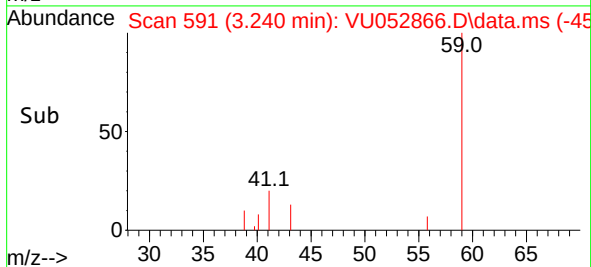
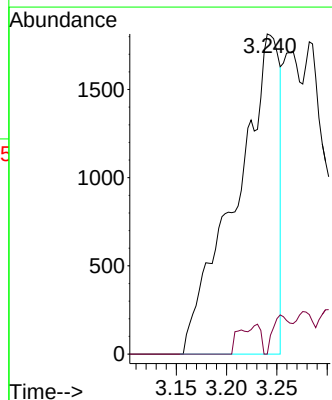
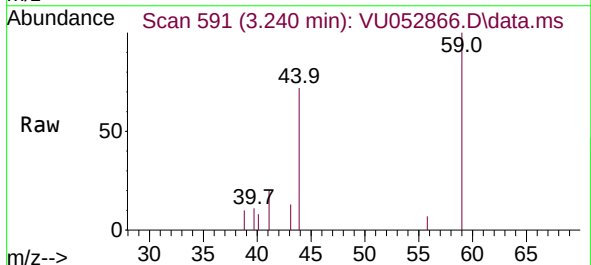
Instrument :
MSVOA_U
ClientSampleId :

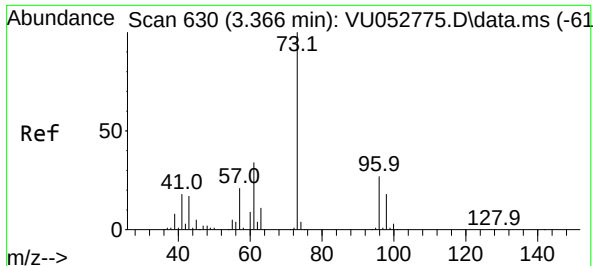
Tgt Ion: 59 Resp: 10907
Ion Ratio Lower Upper
59 100
45 65.1 52.1 78.1
74 75.0 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 8.697 ug/l
RT: 3.240 min Scan# 591
Delta R.T. -0.048 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 59 Resp: 5471
Ion Ratio Lower Upper
59 100
57 5.0 45.8 68.8#

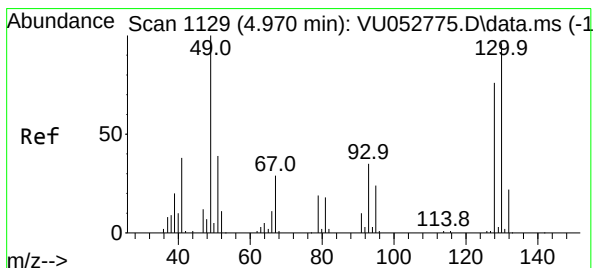
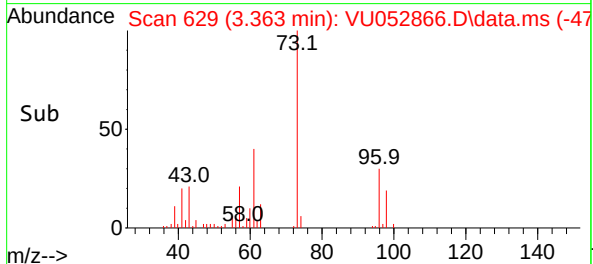
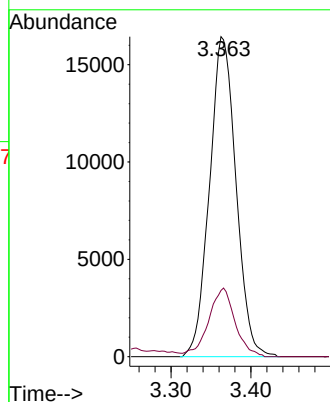
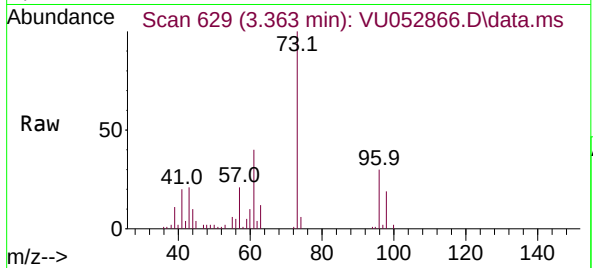




#25
Methyl tert-Butyl Ether
Concen: 2.231 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

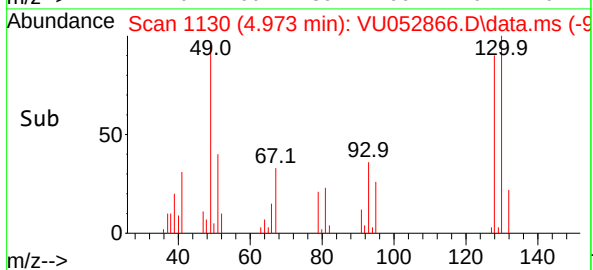
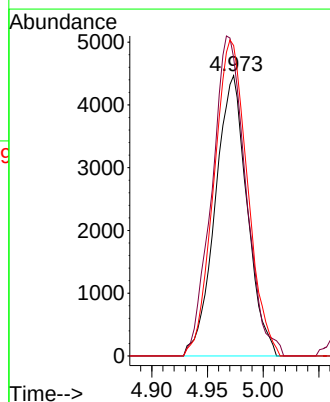
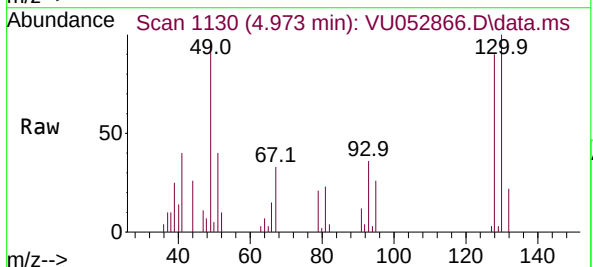
Instrument :
MSVOA_U
ClientSampleId :

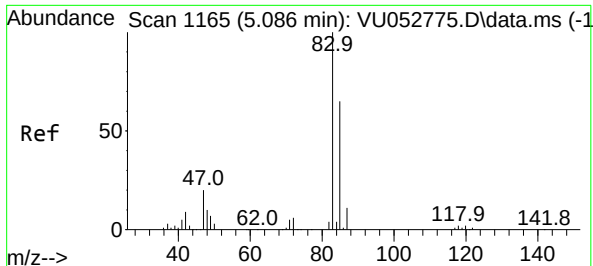
Tgt Ion: 73 Resp: 37814
Ion Ratio Lower Upper
73 100
43 21.5 15.3 22.9



#26
Bromochloromethane
Concen: 2.219 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 128 Resp: 8901
Ion Ratio Lower Upper
128 100
49 120.9 0.0 265.0
130 118.6 100.7 151.1





#27

Chloroform

Concen: 2.437 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

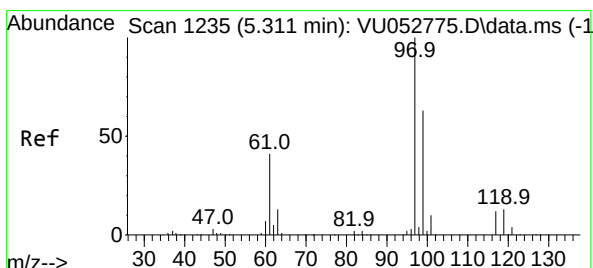
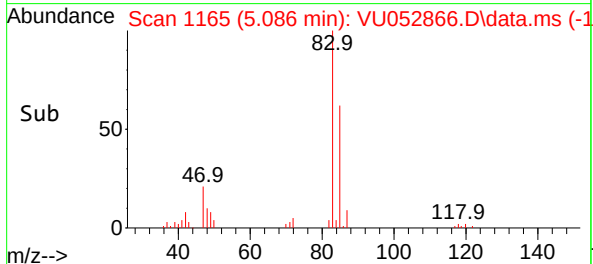
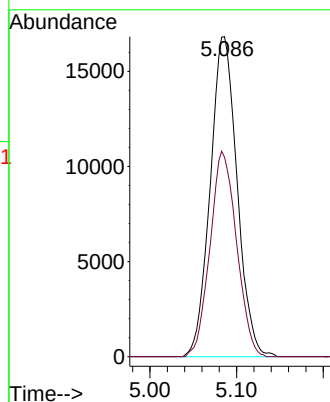
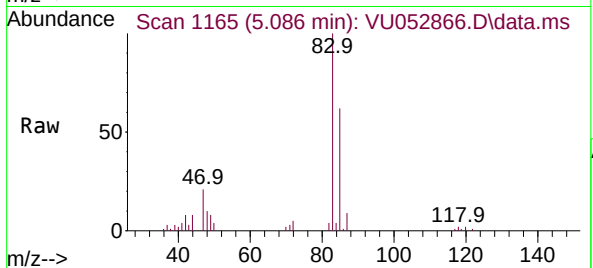
ClientSampleId :

Tgt Ion: 83 Resp: 36269

Ion Ratio Lower Upper

83 100

85 62.3 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 2.408 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

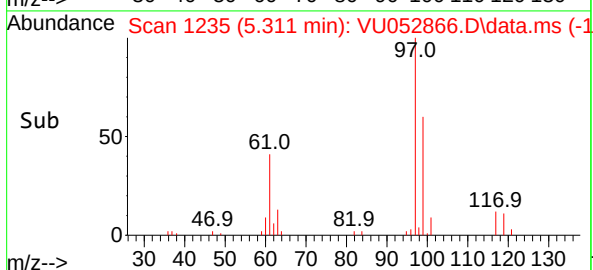
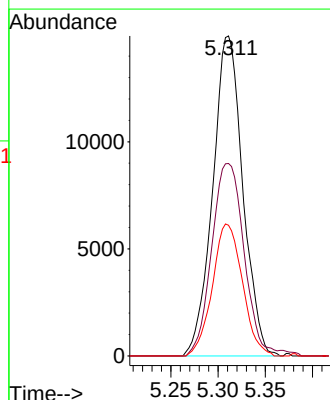
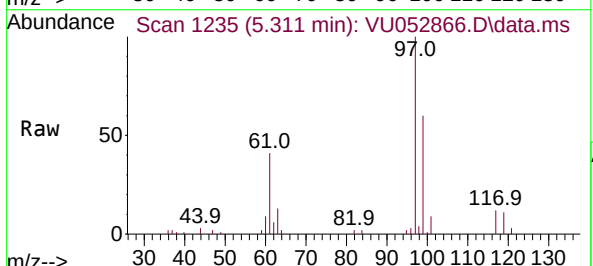
Tgt Ion: 97 Resp: 33093

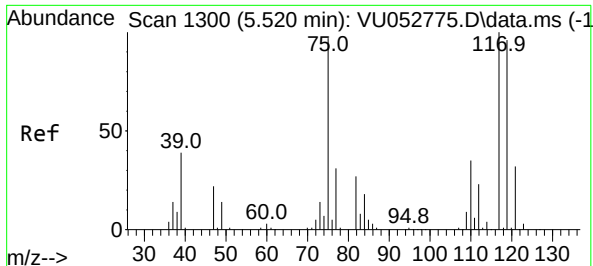
Ion Ratio Lower Upper

97 100

99 65.2 31.9 95.5

61 41.2 20.8 62.2





#29

1,1-Dichloropropene

Concen: 1.900 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

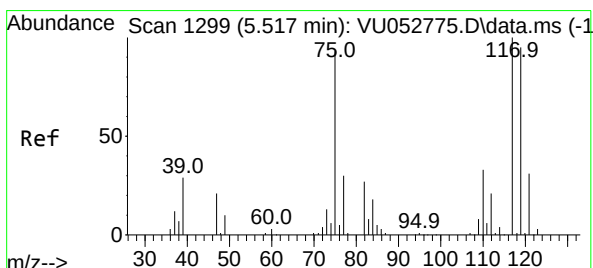
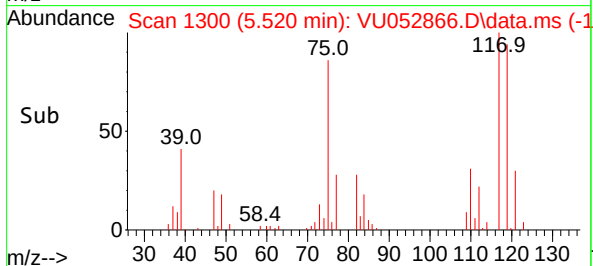
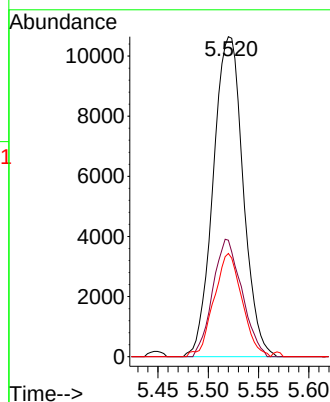
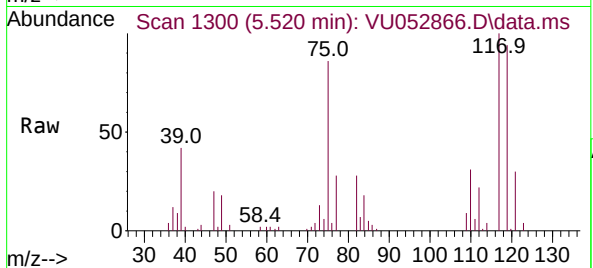
Tgt Ion: 75 Resp: 22010

Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.2

77 30.4 24.8 37.2



#30

Carbon Tetrachloride

Concen: 2.153 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

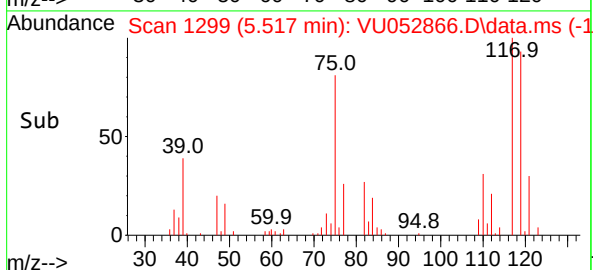
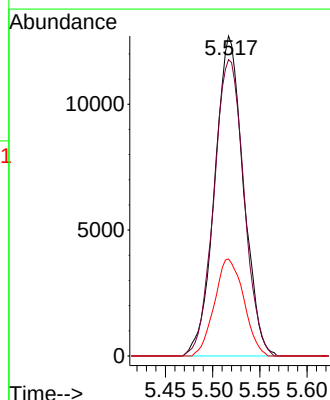
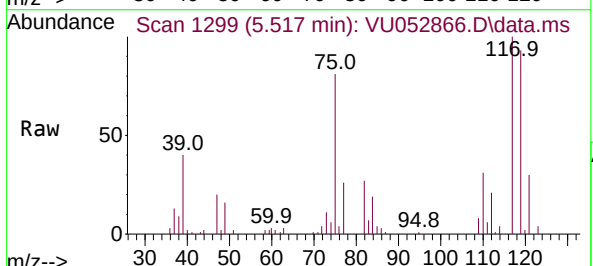
Tgt Ion: 117 Resp: 26847

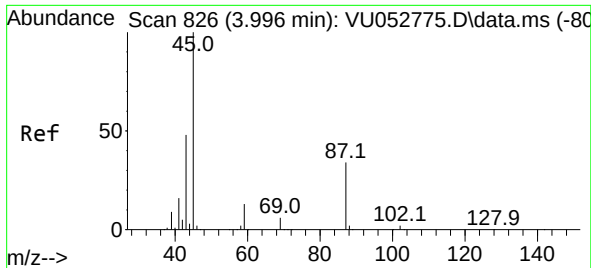
Ion Ratio Lower Upper

117 100

119 92.6 76.4 114.6

121 30.3 25.0 37.6

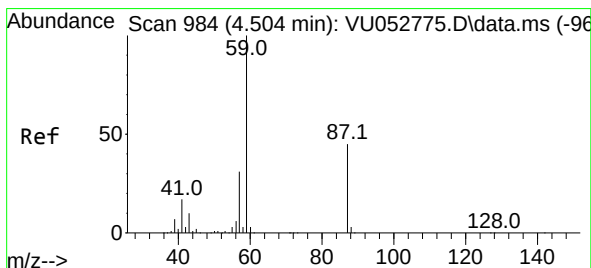
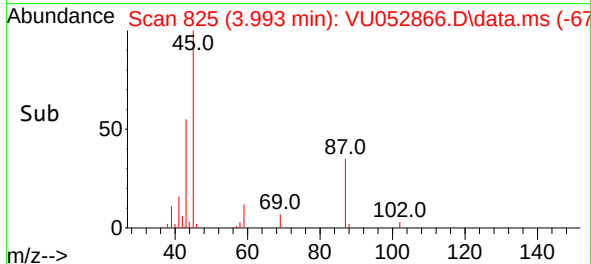
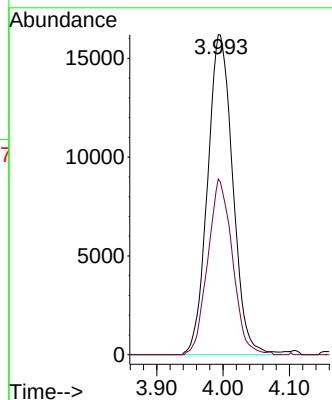
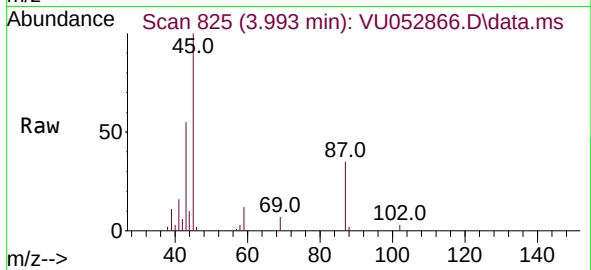




#31
Isopropyl Ether
Concen: 2.144 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

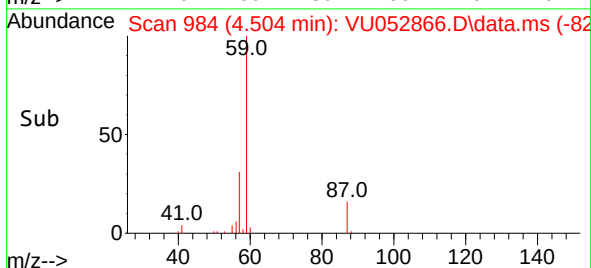
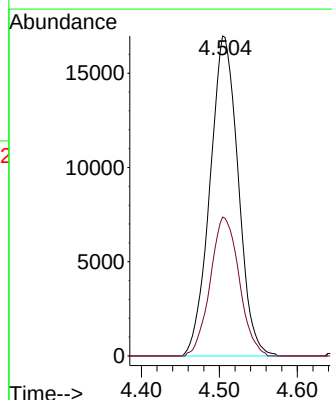
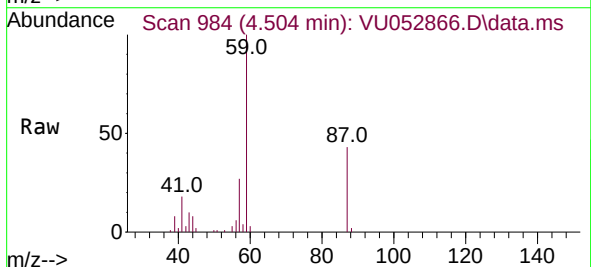
Instrument :
MSVOA_U
ClientSampleId :

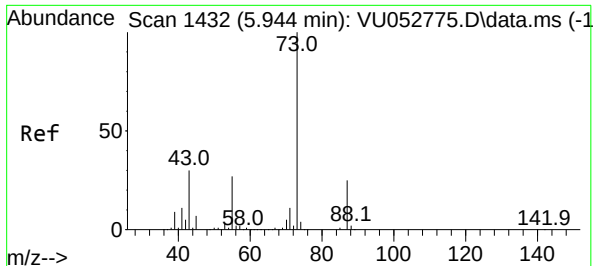
Tgt Ion: 45 Resp: 42779
Ion Ratio Lower Upper
45 100
43 53.6 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 2.290 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 59 Resp: 42668
Ion Ratio Lower Upper
59 100
87 44.5 36.2 54.2





#33

Tert-Amyl methyl ether

Concen: 1.866 ug/l

RT: 5.948 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

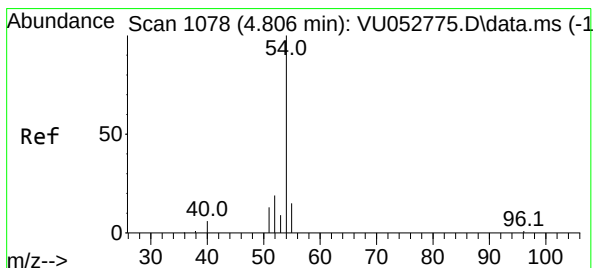
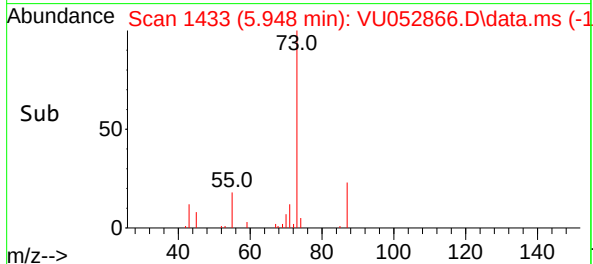
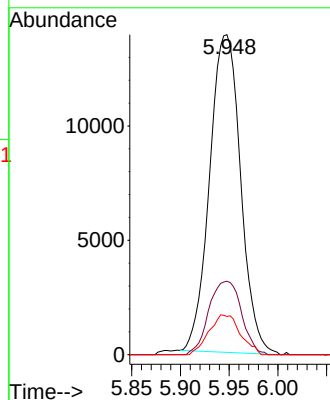
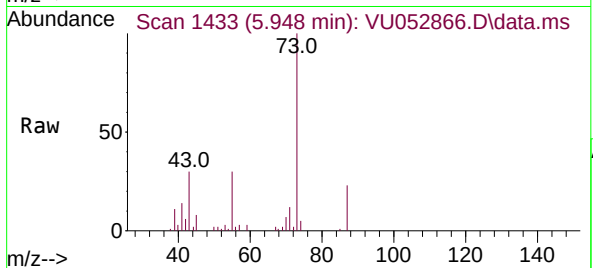
Tgt Ion: 73 Resp: 30755

Ion Ratio Lower Upper

73 100

87 24.3 20.1 30.1

71 12.7 9.2 13.8



#34

Propionitrile

Concen: 11.083 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. -0.010 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion: 54 Resp: 6551

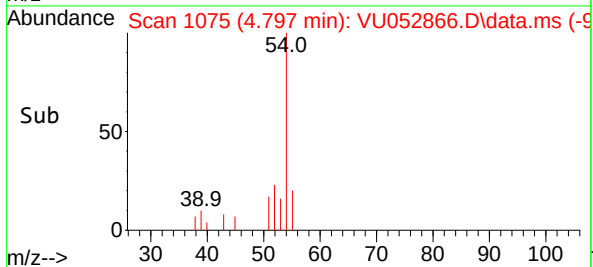
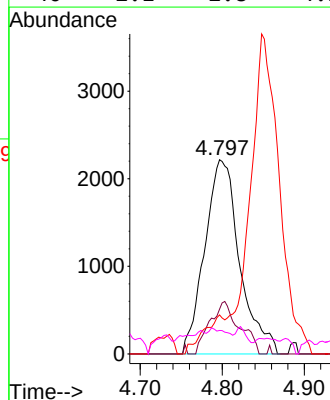
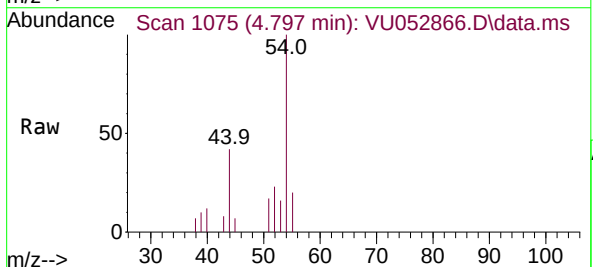
Ion Ratio Lower Upper

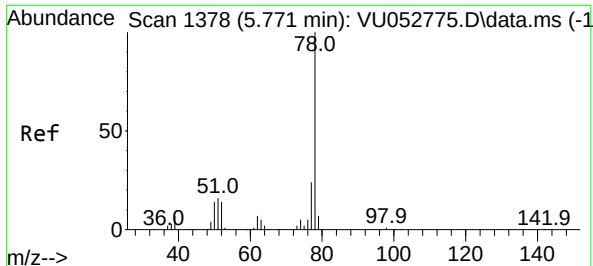
54 100

52 23.0 16.9 25.3

55 12.0 118.6 178.0#

40 2.1 2.8 4.2#





#35

Benzene

Concen: 1.890 ug/l

RT: 5.768 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

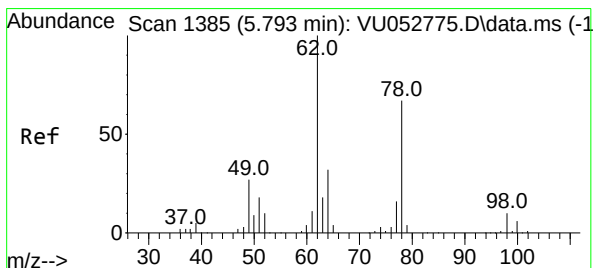
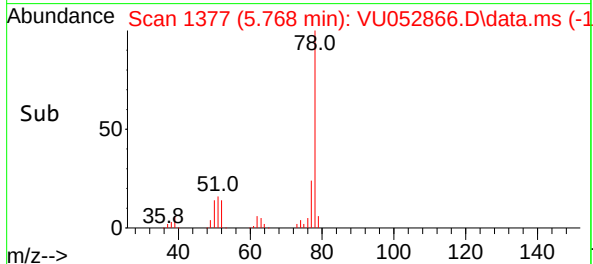
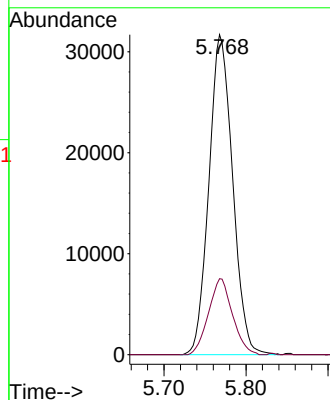
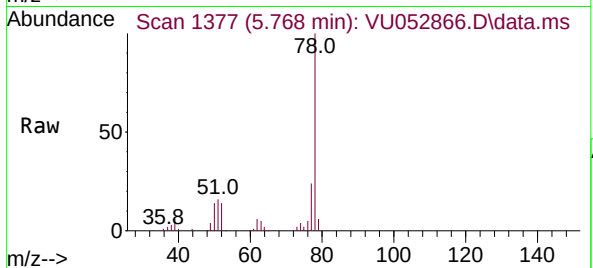
ClientSampleId :

Tgt Ion: 78 Resp: 63539

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.177 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU052866.D

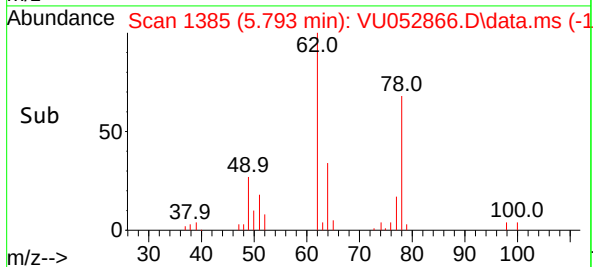
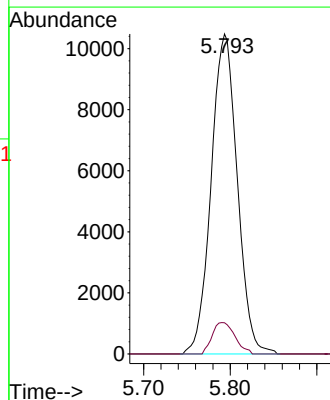
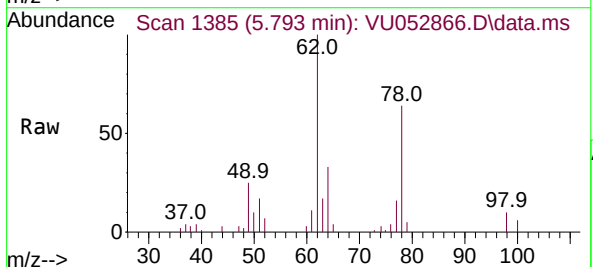
Acq: 30 Jan 2023 15:40

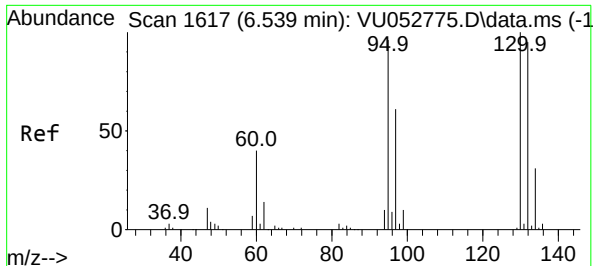
Tgt Ion: 62 Resp: 21985

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3

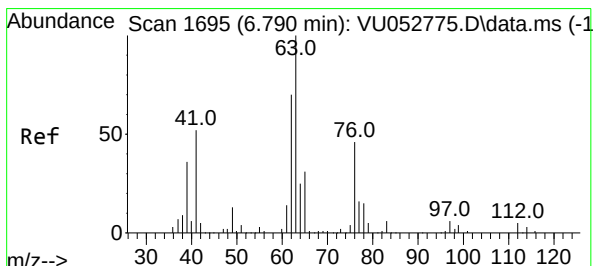
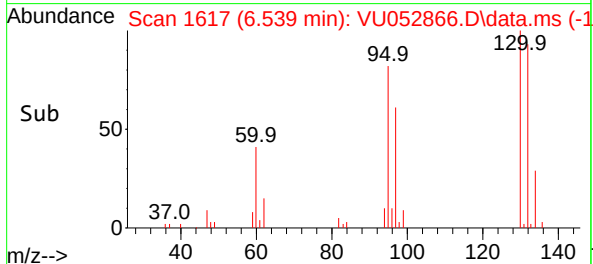
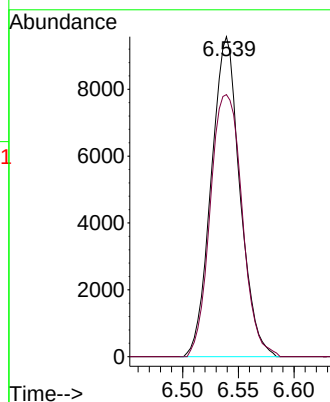
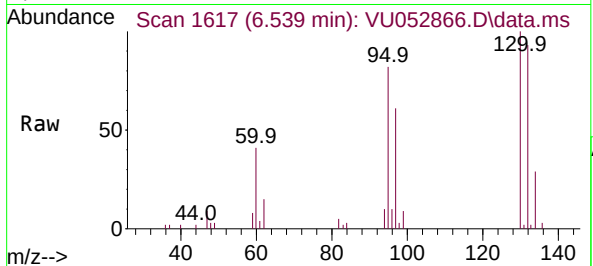




#37
Trichloroethene
Concen: 1.871 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

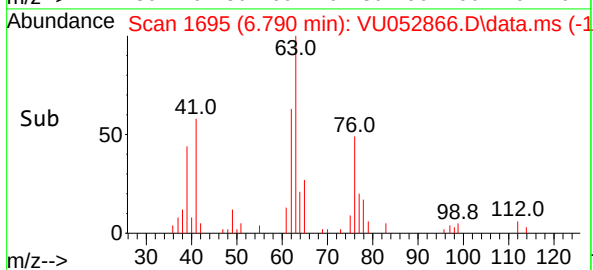
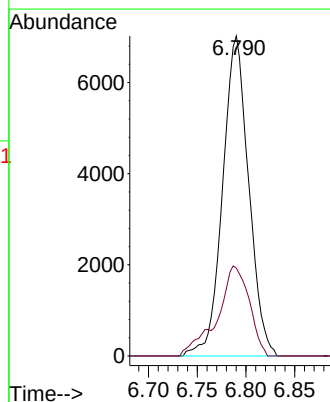
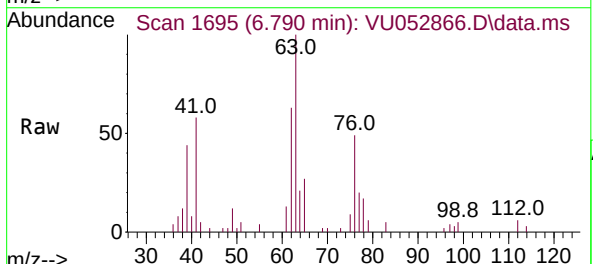
Instrument :
MSVOA_U
ClientSampleId :

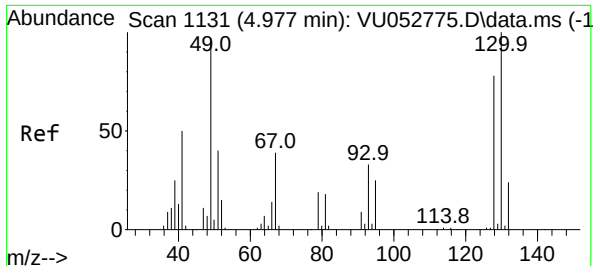
Tgt Ion:130 Resp: 17152
Ion Ratio Lower Upper
130 100
95 81.9 76.6 114.8



#38
1,2-Dichloropropane
Concen: 1.527 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 63 Resp: 13028
Ion Ratio Lower Upper
63 100
65 27.4 24.6 36.8





#39

Methacrylonitrile

Concen: 2.157 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 5092

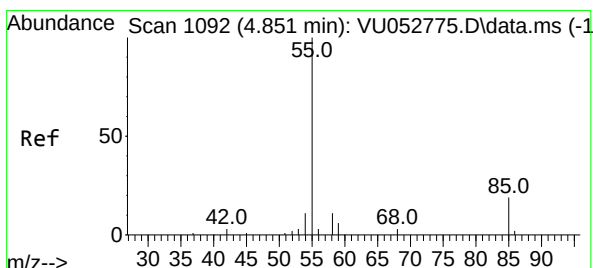
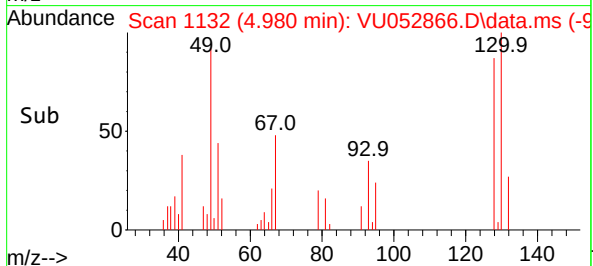
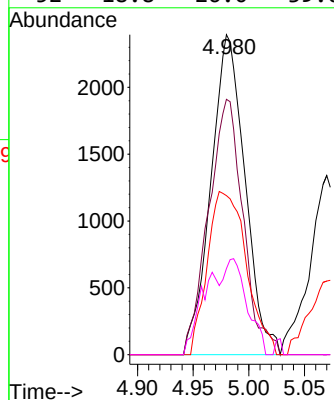
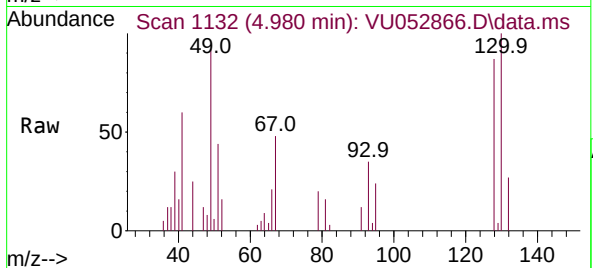
Ion Ratio Lower Upper

41 100

67 81.2 64.9 97.3

39 0.0 41.7 62.5#

52 18.8 26.0 39.0#



#40

Methyl acrylate

Concen: 2.093 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion: 55 Resp: 8761

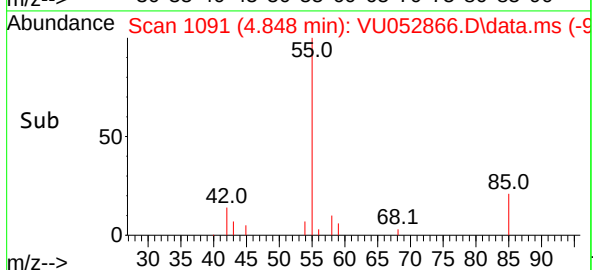
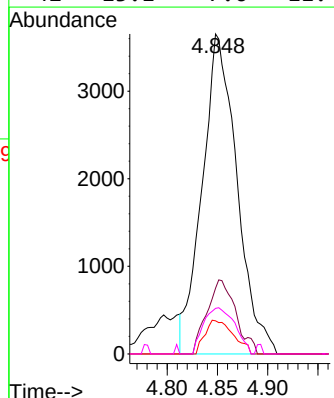
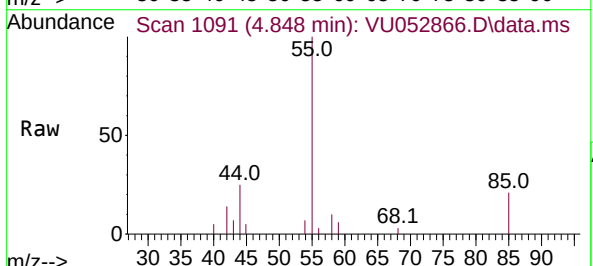
Ion Ratio Lower Upper

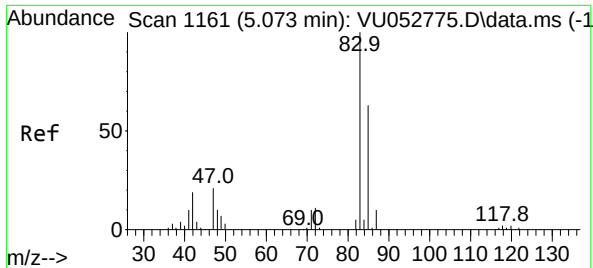
55 100

85 19.2 14.4 21.6

58 8.6 7.3 10.9

42 13.1 7.6 11.4#





#41

Tetrahydrofuran

Concen: 3.668 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU052866.D

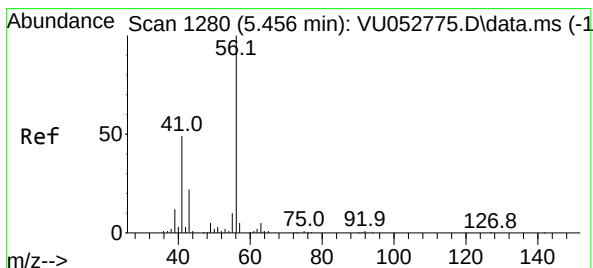
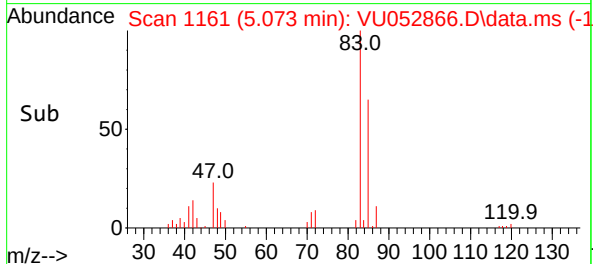
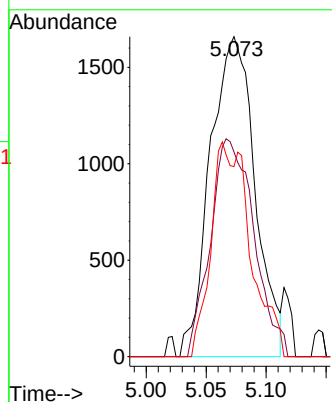
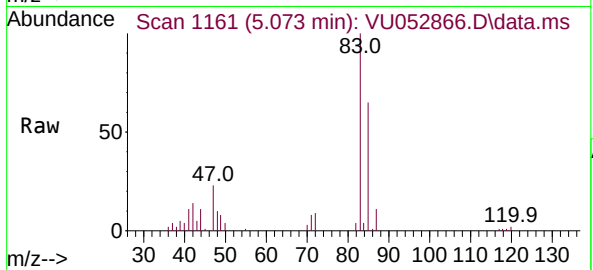
Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	4308
Ion	Ratio	Lower	Upper
42	100		
72	66.2	49.1	73.7
71	33.7	43.8	65.6



#42

1-Chlorobutane

Concen: 2.037 ug/l

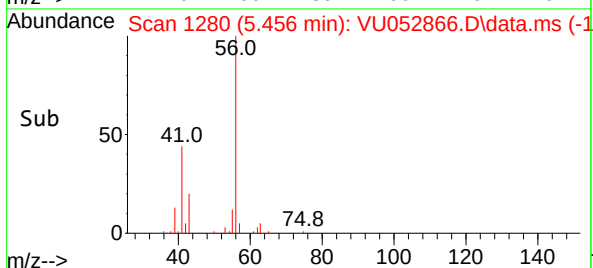
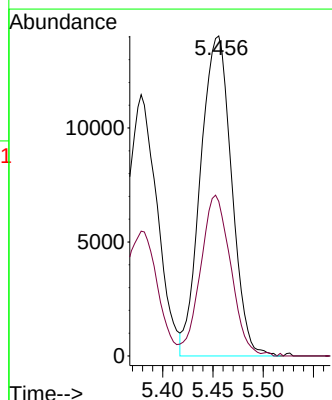
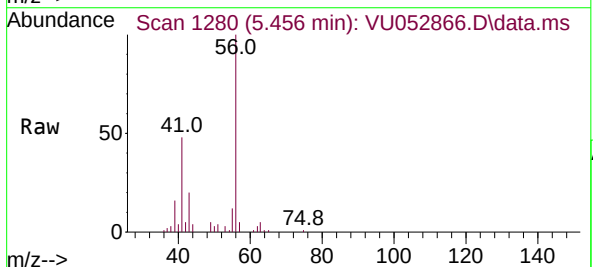
RT: 5.456 min Scan# 1280

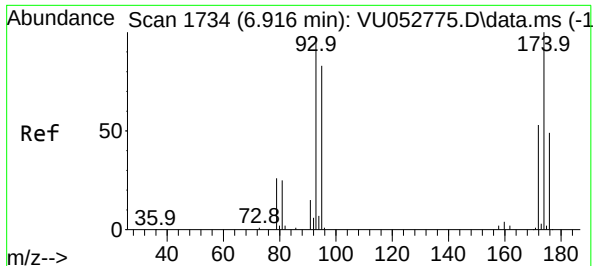
Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion:	56	Resp:	30168
Ion	Ratio	Lower	Upper
56	100		
41	47.2	24.5	73.5





#43

Dibromomethane

Concen: 1.721 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.000 min

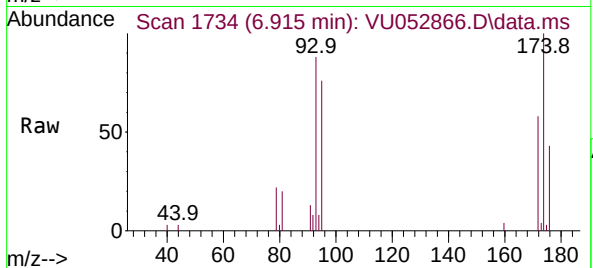
Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :



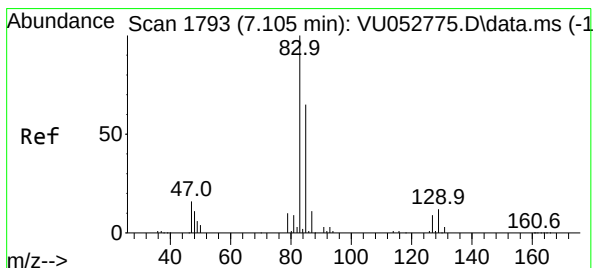
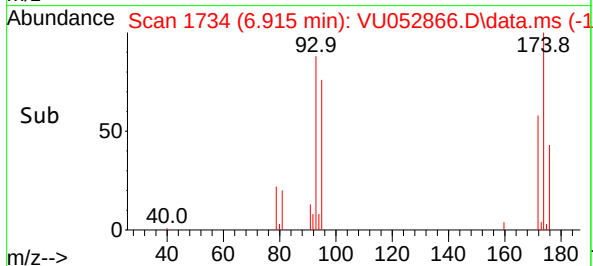
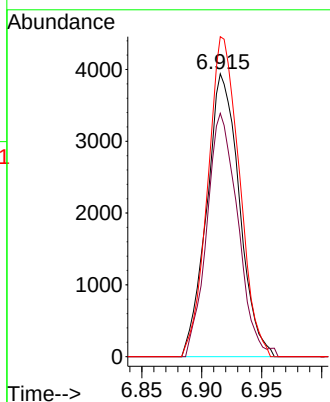
Tgt Ion: 93 Resp: 7428

Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.6

174 110.0 82.2 123.4



#44

Bromodichloromethane

Concen: 1.781 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

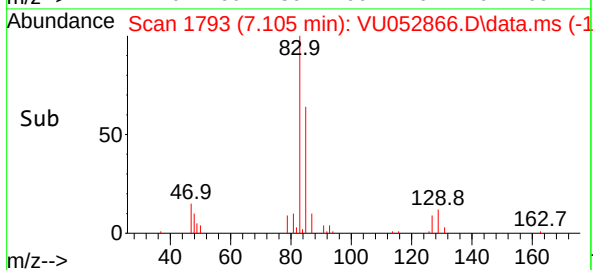
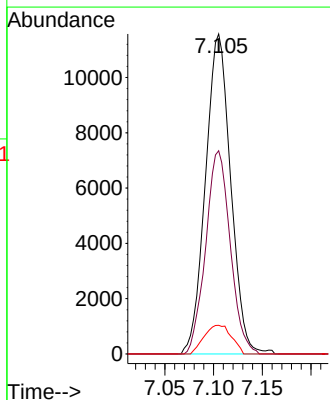
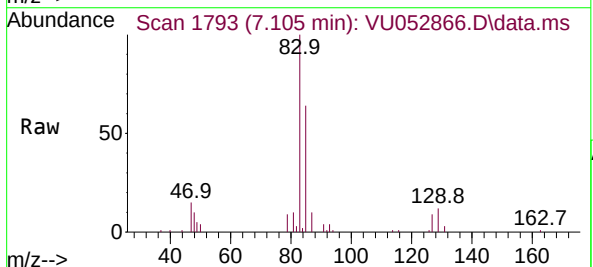
Tgt Ion: 83 Resp: 20858

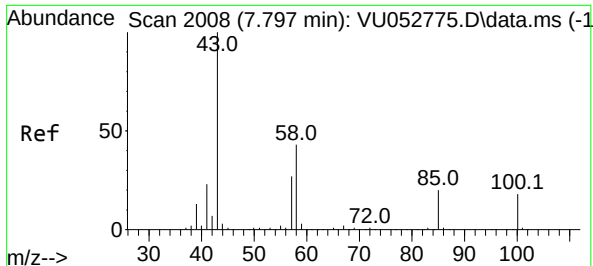
Ion Ratio Lower Upper

83 100

85 63.5 52.1 78.1

127 9.0 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 5.918 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

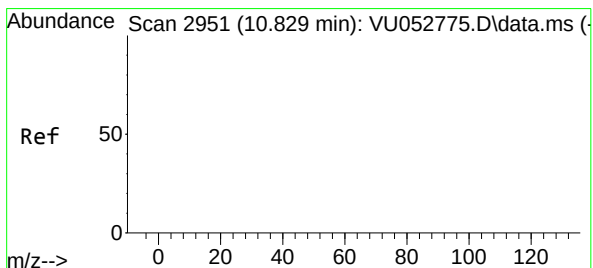
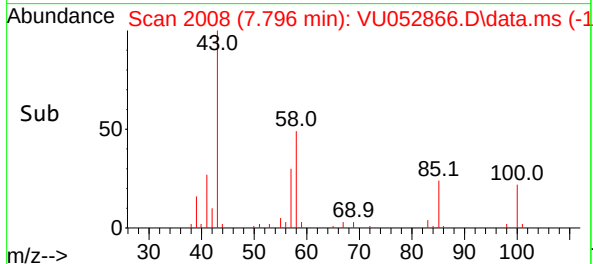
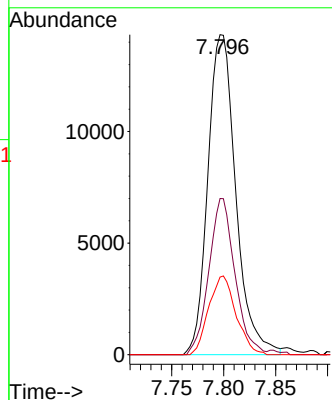
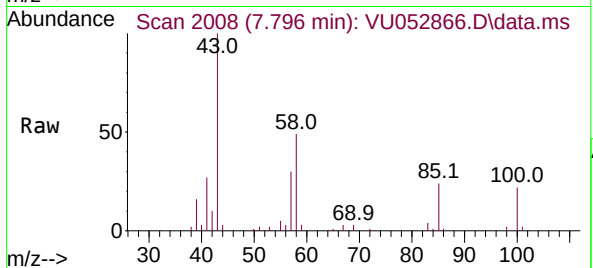
Tgt Ion: 43 Resp: 26849

Ion Ratio Lower Upper

43 100

58 45.5 21.7 65.1

85 24.0 16.2 24.4



#46

t-1,4-Dichloro-2-butene

Concen: 6.104 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.006 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion: 75 Resp: 14520

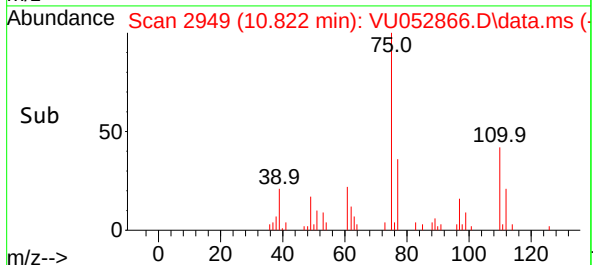
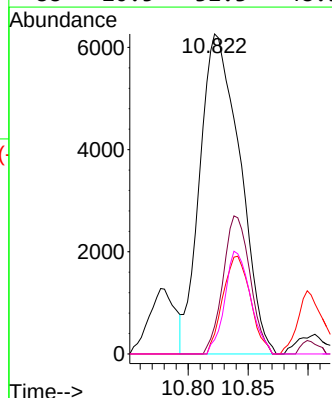
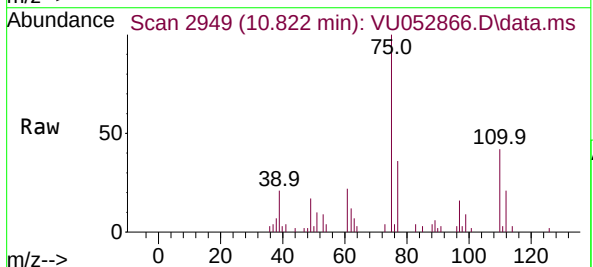
Ion Ratio Lower Upper

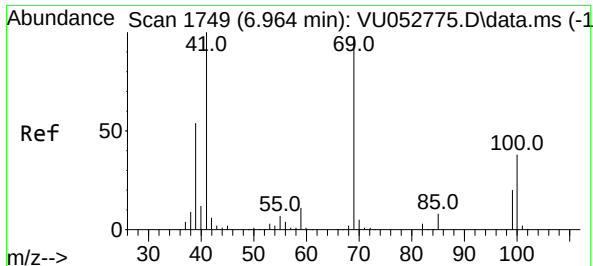
75 100

53 29.2 57.0 85.4#

89 21.0 41.1 61.7#

88 20.5 32.3 48.5#





#47

Methyl methacrylate

Concen: 2.689 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 10318

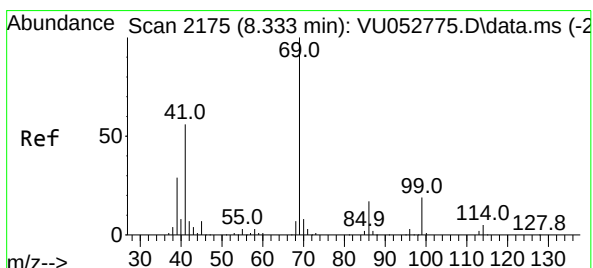
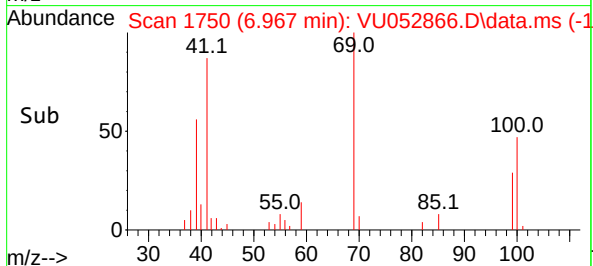
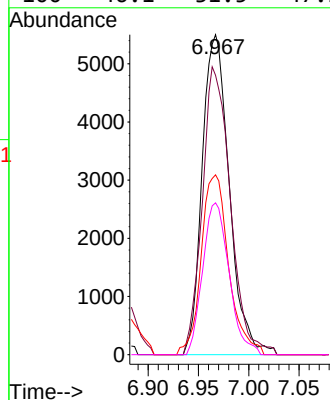
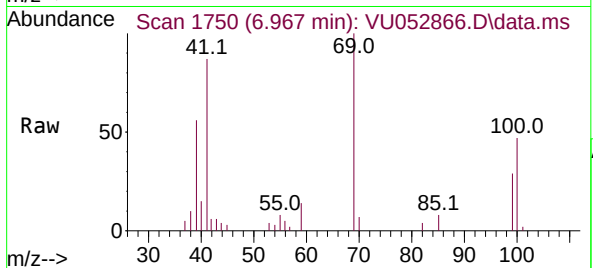
Ion Ratio Lower Upper

69 100

41 93.1 0.0 201.8

39 57.1 44.0 66.0

100 46.1 31.5 47.3



#48

Ethyl methacrylate

Concen: 1.135 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU052866.D

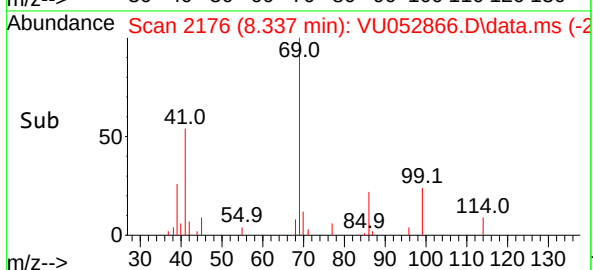
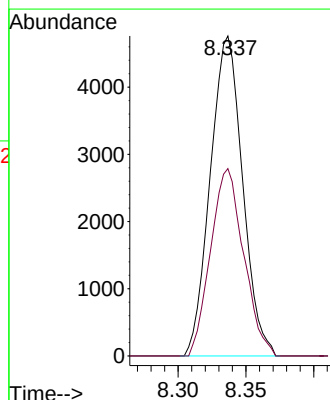
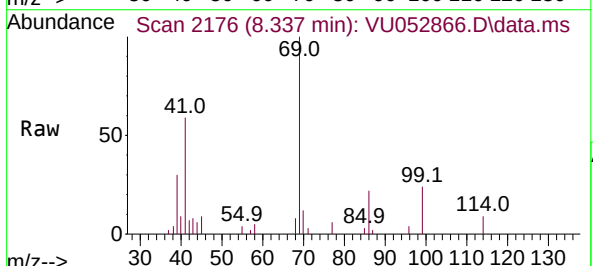
Acq: 30 Jan 2023 15:40

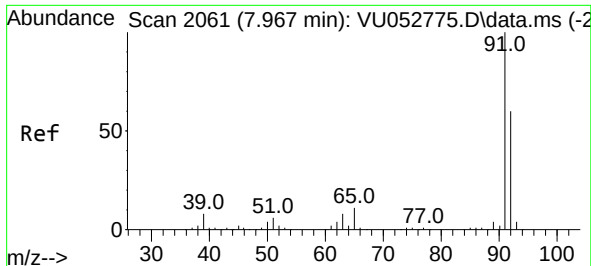
Tgt Ion: 69 Resp: 7895

Ion Ratio Lower Upper

69 100

41 59.9 28.1 84.4





#49

Toluene

Concen: 1.423 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

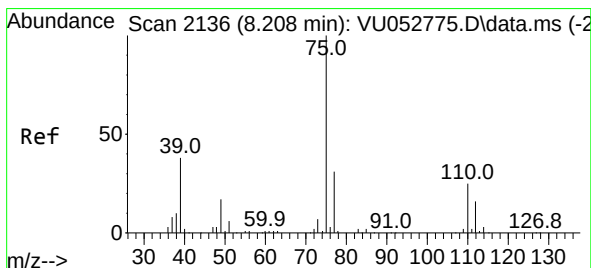
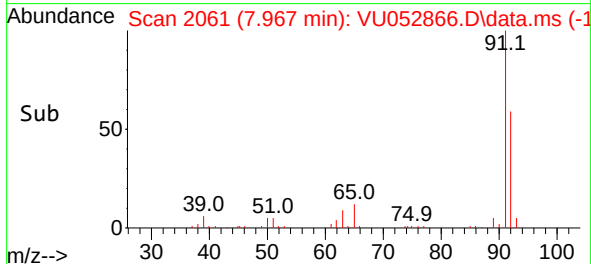
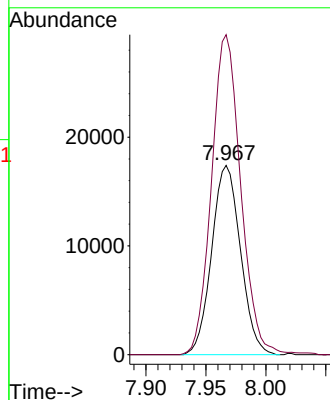
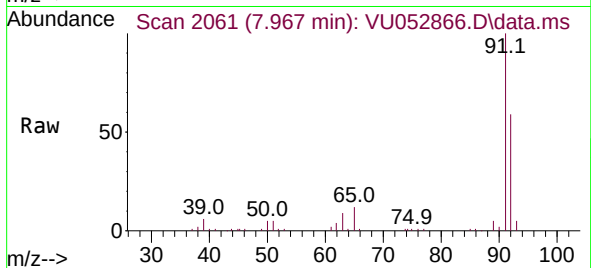
ClientSampleId :

Tgt Ion: 92 Resp: 29057

Ion Ratio Lower Upper

92 100

91 171.9 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 1.414 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052866.D

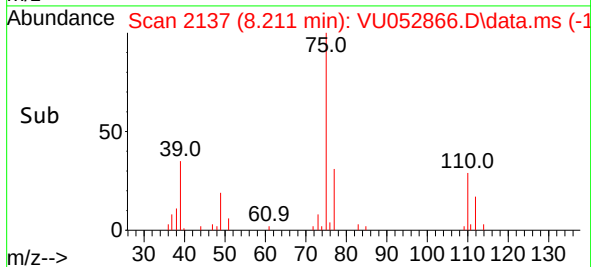
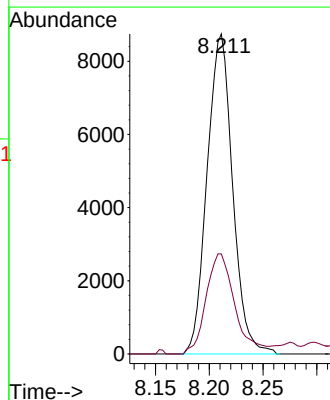
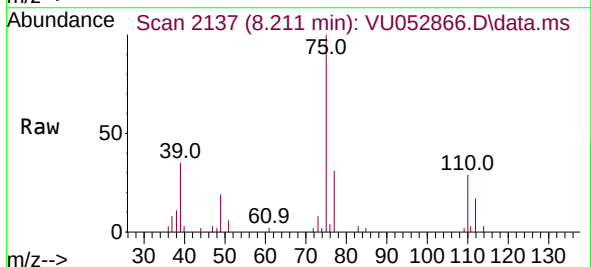
Acq: 30 Jan 2023 15:40

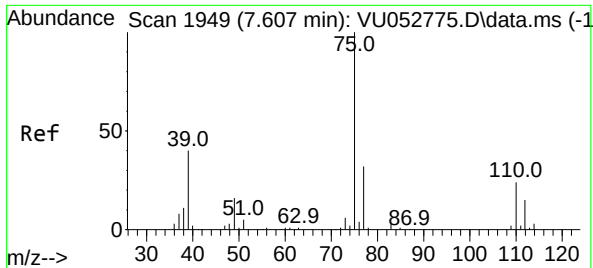
Tgt Ion: 75 Resp: 14445

Ion Ratio Lower Upper

75 100

77 31.3 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 1.446 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

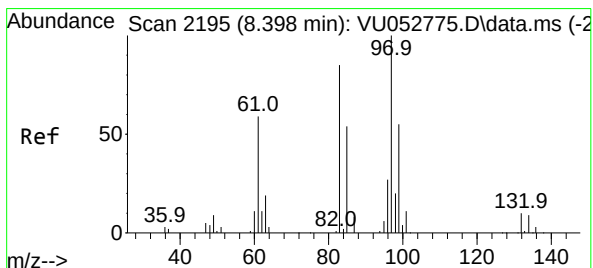
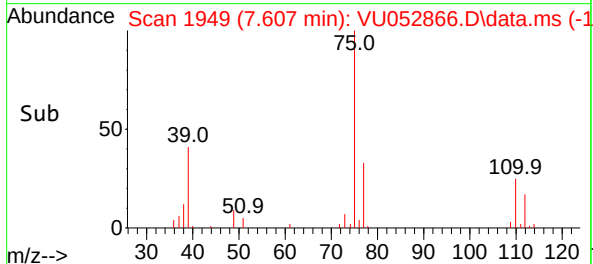
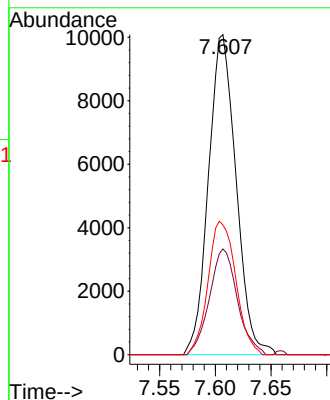
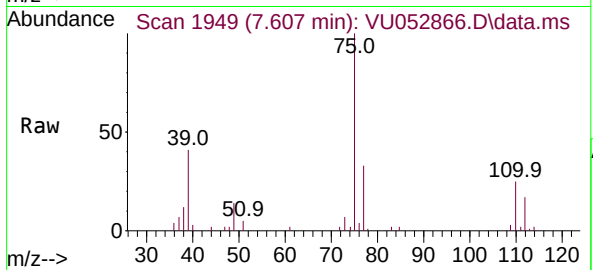
Tgt Ion: 75 Resp: 17381

Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3

39 40.6 32.3 48.5



#52

1,1,2-Trichloroethane

Concen: 1.815 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion: 97 Resp: 11143

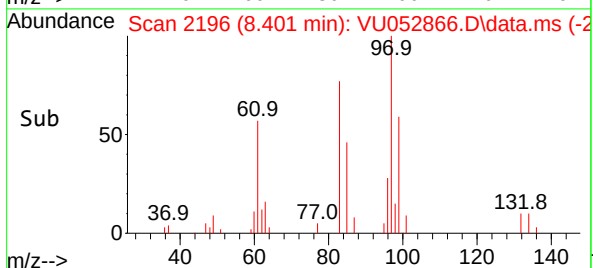
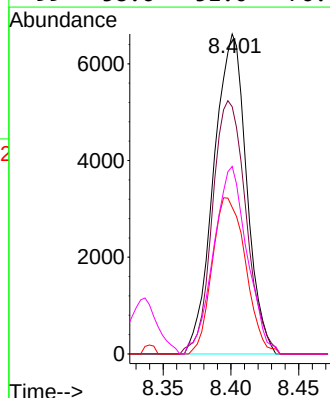
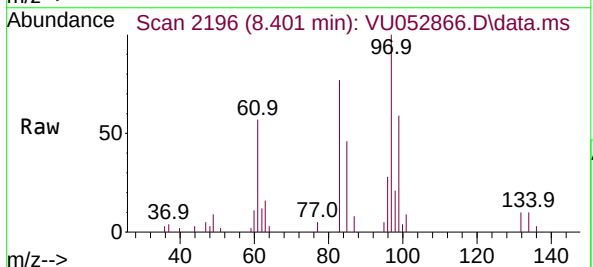
Ion Ratio Lower Upper

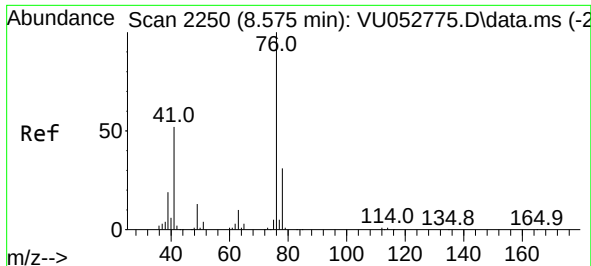
97 100

83 77.2 68.2 102.2

85 45.8 44.5 66.7

99 58.6 51.0 76.4





#53

1,3-Dichloropropane

Concen: 1.573 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

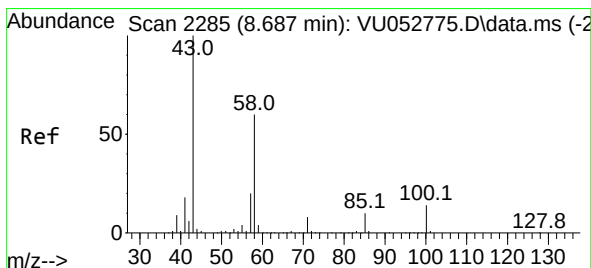
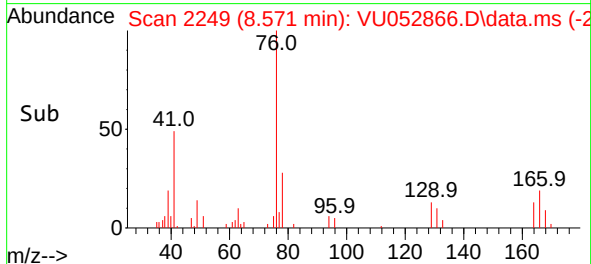
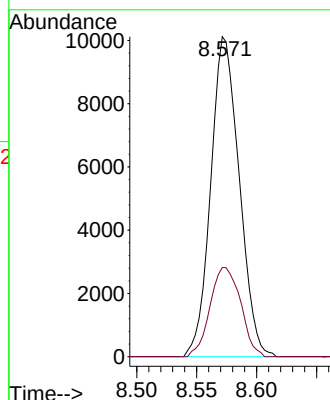
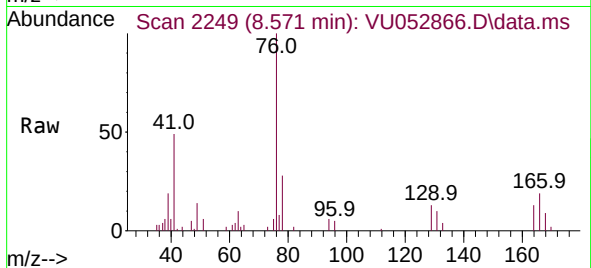
ClientSampleId :

Tgt Ion: 76 Resp: 16695

Ion Ratio Lower Upper

76 100

78 29.9 25.2 37.8



#54

2-Hexanone

Concen: 5.241 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

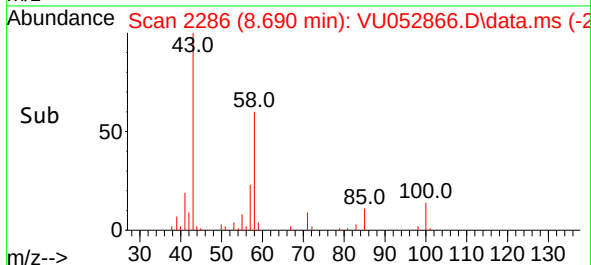
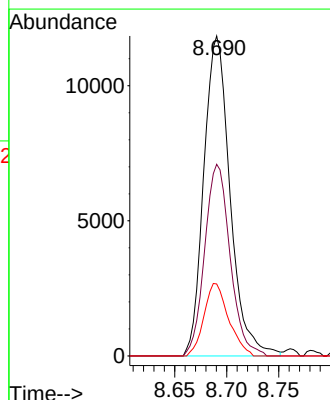
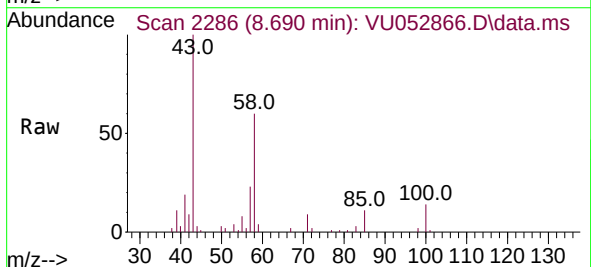
Tgt Ion: 43 Resp: 20801

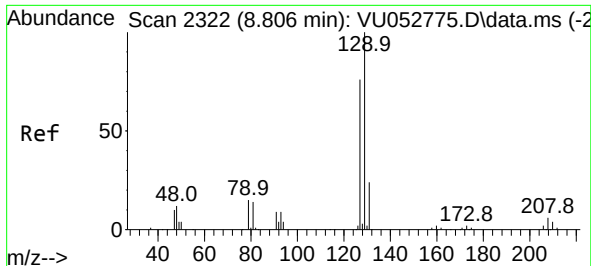
Ion Ratio Lower Upper

43 100

58 58.0 40.0 80.0

57 21.3 0.6 40.6





#55

Dibromochloromethane

Concen: 1.898 ug/l

RT: 8.806 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

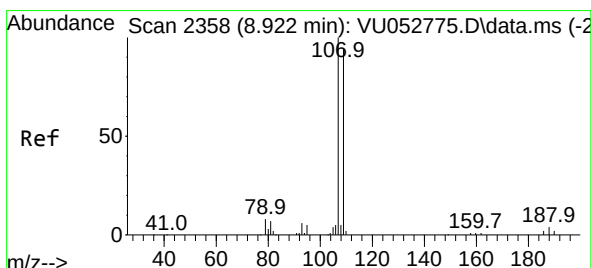
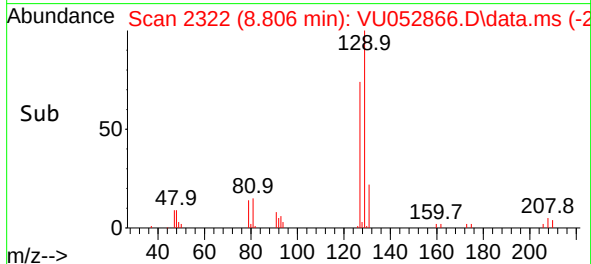
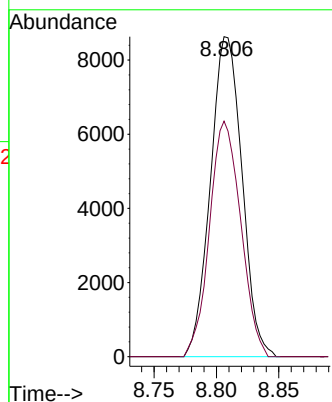
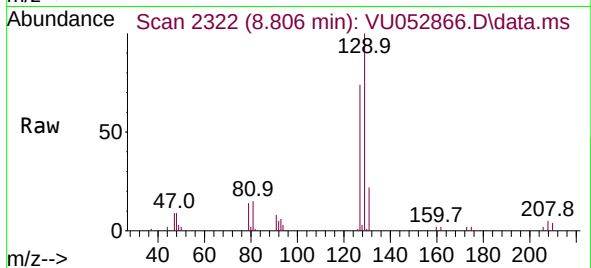
ClientSampleId :

Tgt Ion:129 Resp: 15238

Ion Ratio Lower Upper

129 100

127 72.6 61.5 92.3



#56

1,2-Dibromoethane

Concen: 1.632 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU052866.D

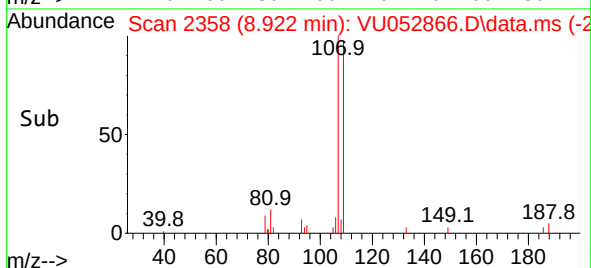
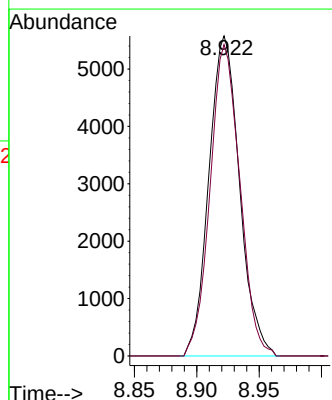
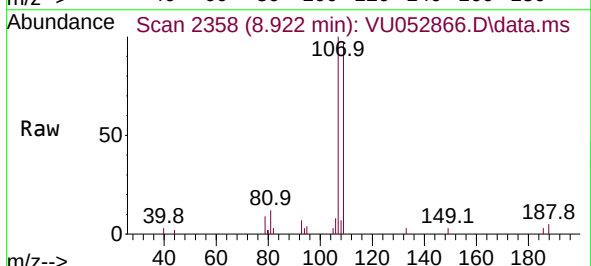
Acq: 30 Jan 2023 15:40

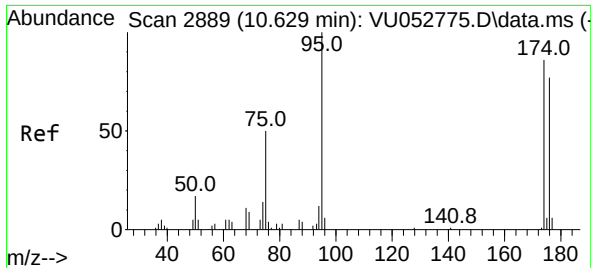
Tgt Ion:107 Resp: 9540

Ion Ratio Lower Upper

107 100

109 94.3 0.0 190.4

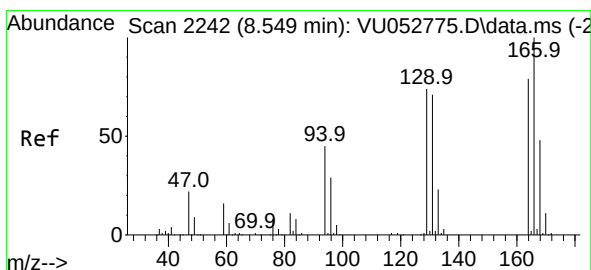
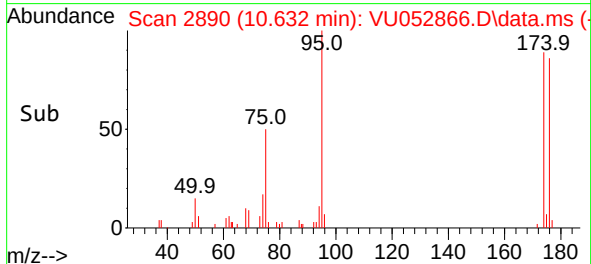
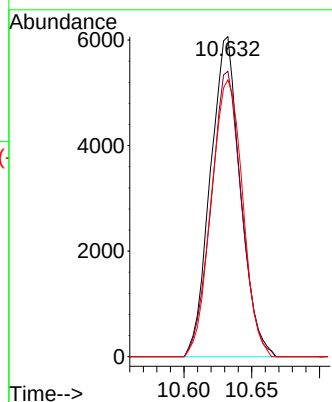
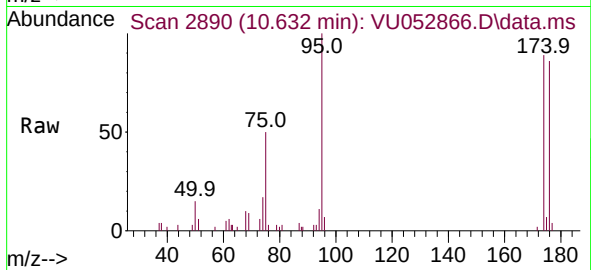




#57
 4-Bromofluorobenzene
 Concen: 0.887 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

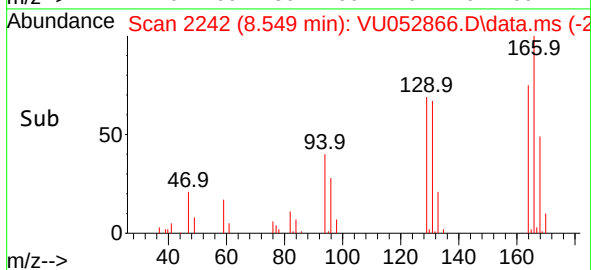
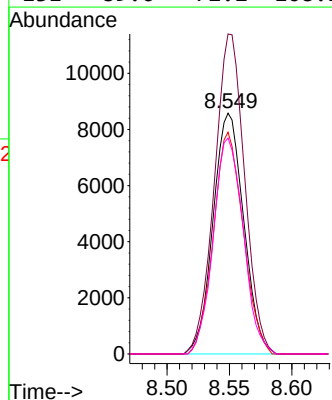
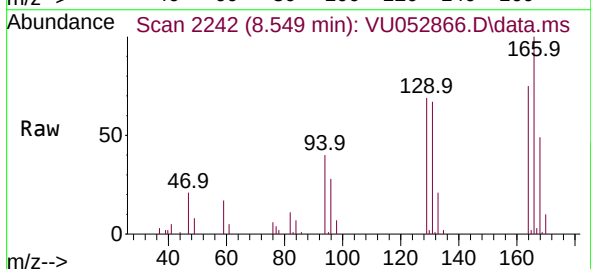
Instrument :
 MSVOA_U
 ClientSampleId :

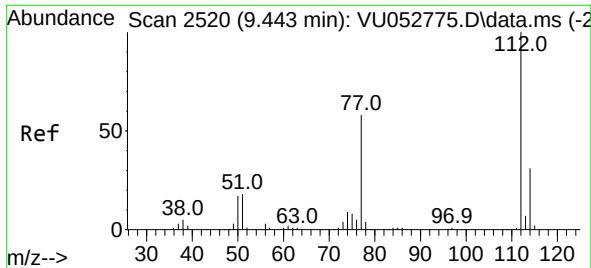
Tgt Ion: 95 Resp: 9341
 Ion Ratio Lower Upper
 95 100
 174 90.1 66.9 100.3
 176 90.4 61.9 92.9



#58
 Tetrachloroethene
 Concen: 1.773 ug/l
 RT: 8.549 min Scan# 2242
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Tgt Ion: 164 Resp: 14662
 Ion Ratio Lower Upper
 164 100
 166 132.9 101.5 152.3
 129 92.1 75.2 112.8
 131 89.6 72.2 108.2





#59

Chlorobenzene

Concen: 1.568 ug/l

RT: 9.446 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

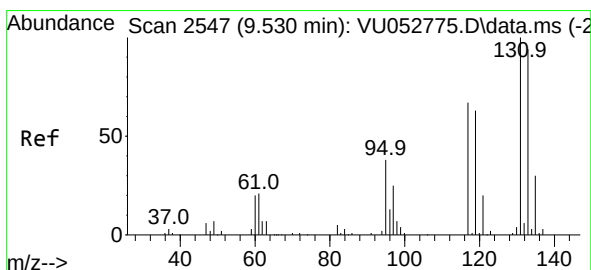
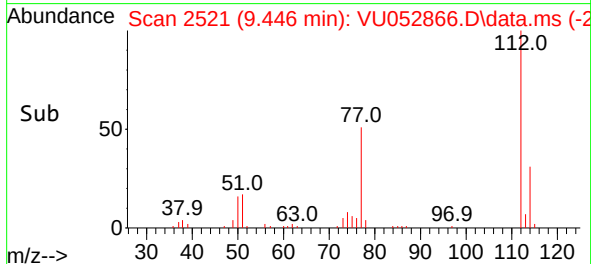
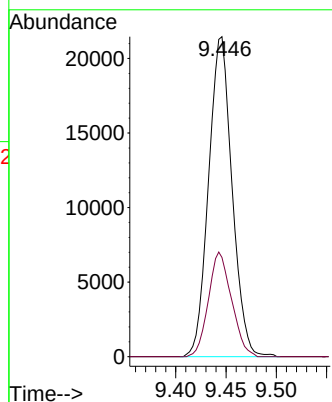
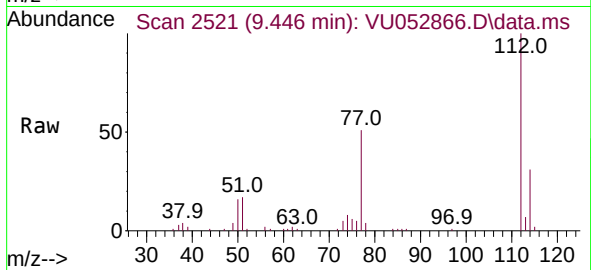
ClientSampleId :

Tgt Ion:112 Resp: 34824

Ion Ratio Lower Upper

112 100

114 31.0 25.2 37.8



#60

1,1,1,2-Tetrachloroethane

Concen: 1.839 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

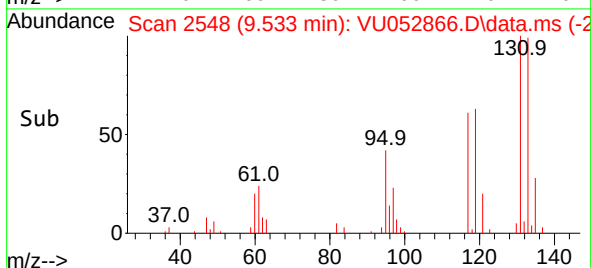
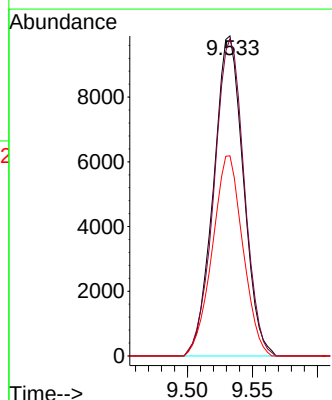
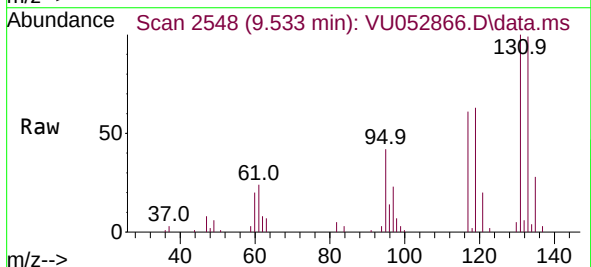
Tgt Ion:131 Resp: 15813

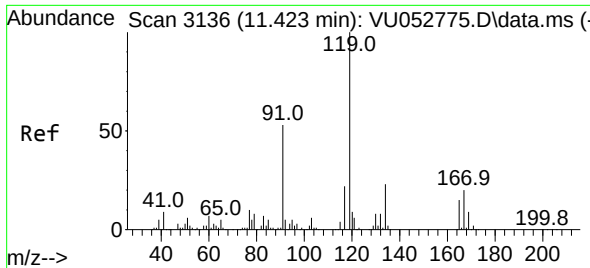
Ion Ratio Lower Upper

131 100

133 99.7 77.2 115.8

119 63.8 50.8 76.2

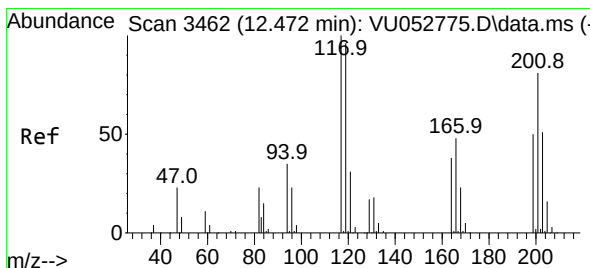
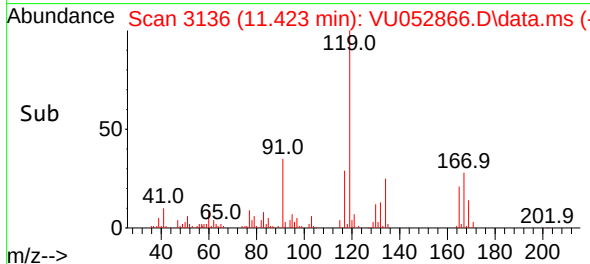
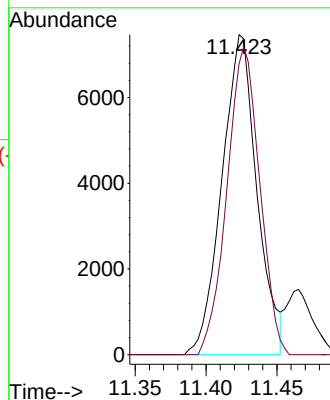
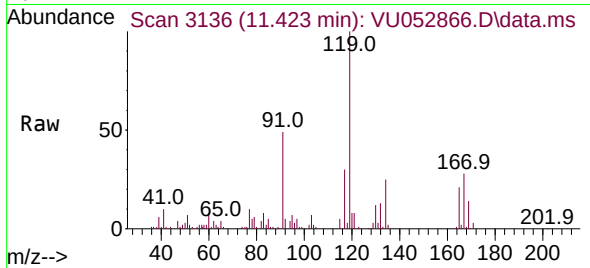




#61
 Pentachloroethane
 Concen: 1.825 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

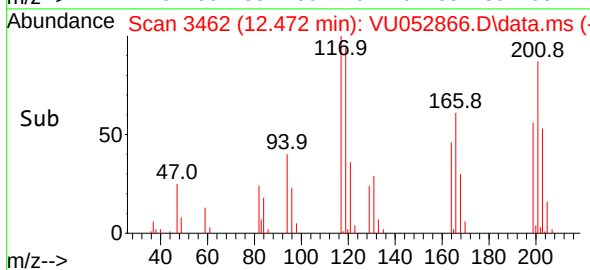
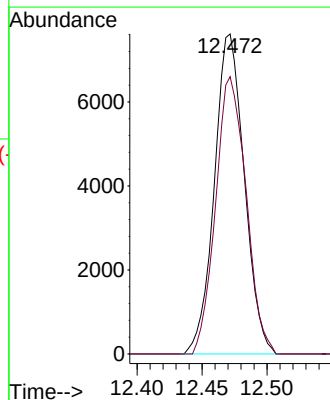
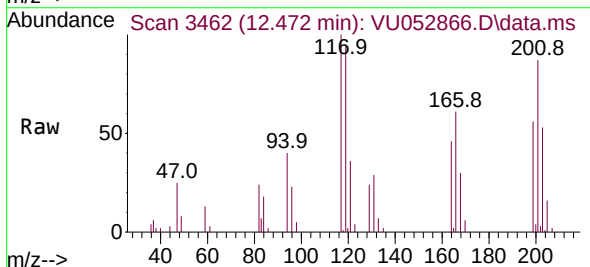
Instrument :
 MSVOA_U
 ClientSampleId :

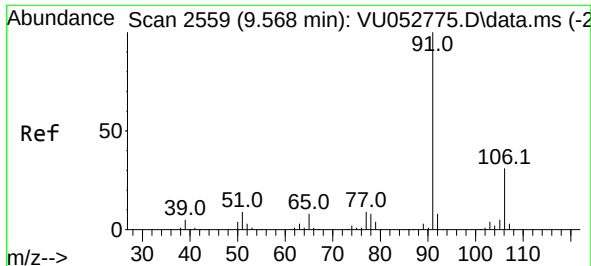
Tgt Ion:117 Resp: 12856
 Ion Ratio Lower Upper
 117 100
 167 89.9 66.8 100.2



#62
 Hexachloroethane
 Concen: 1.715 ug/l
 RT: 12.472 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Tgt Ion:117 Resp: 12202
 Ion Ratio Lower Upper
 117 100
 201 88.2 64.6 97.0

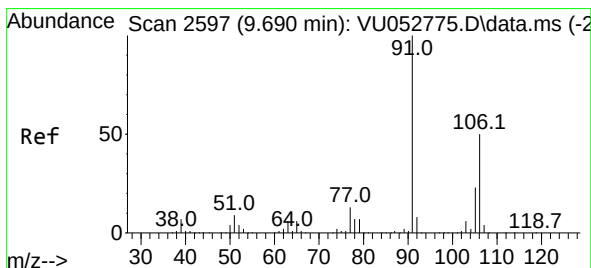
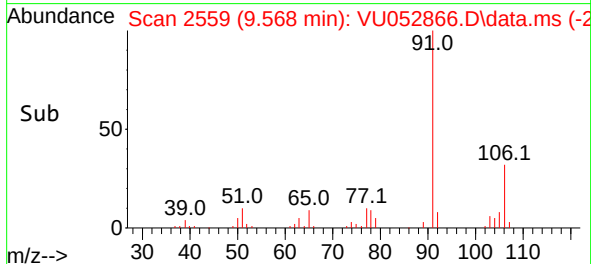
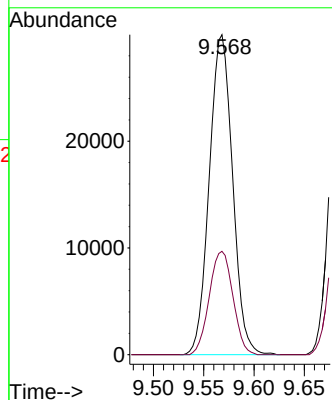
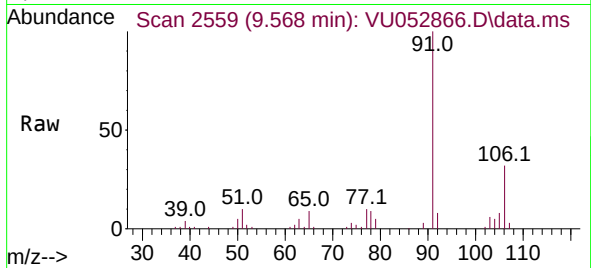




#63
Ethyl Benzene
Concen: 1.342 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

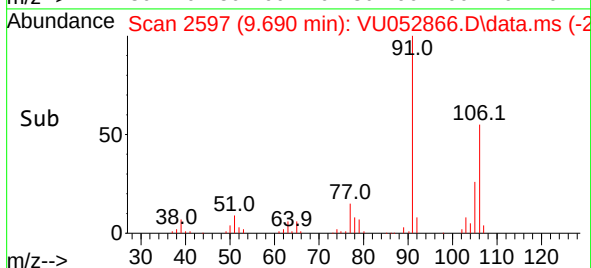
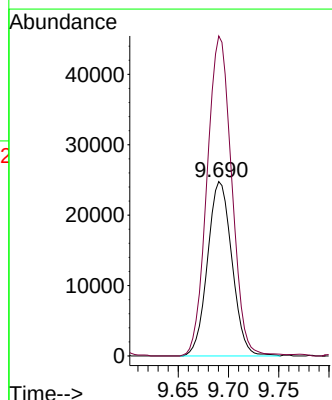
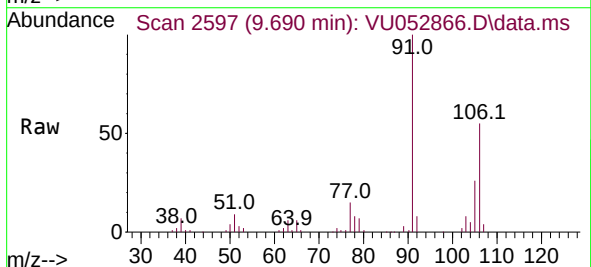
Instrument :
MSVOA_U
ClientSampleId :

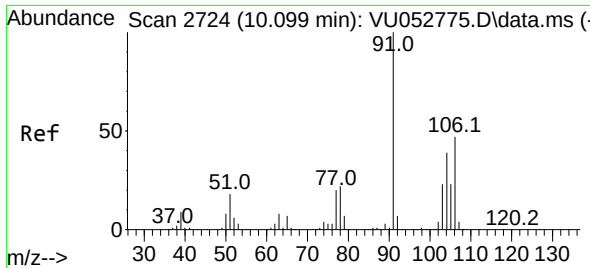
Tgt Ion: 91 Resp: 48275
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#64
m/p-Xylenes
Concen: 2.920 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 106 Resp: 41890
Ion Ratio Lower Upper
106 100
91 185.4 158.7 238.1

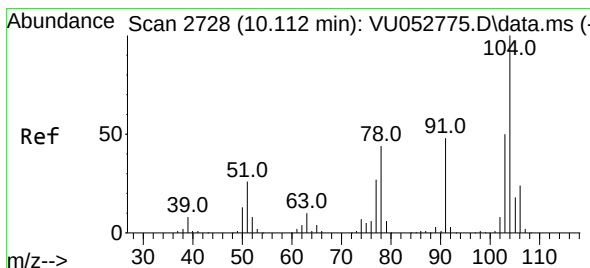
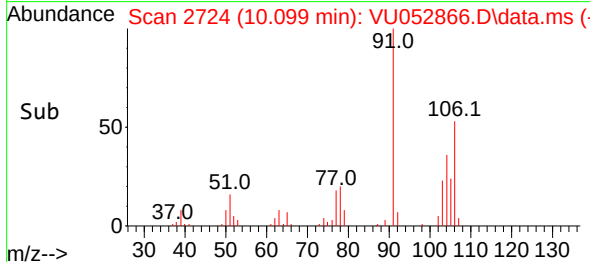
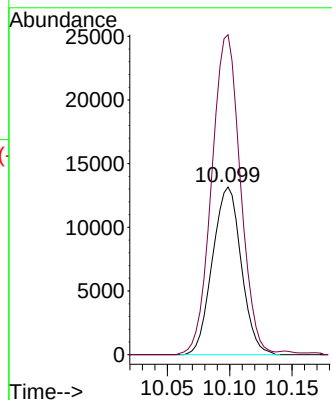
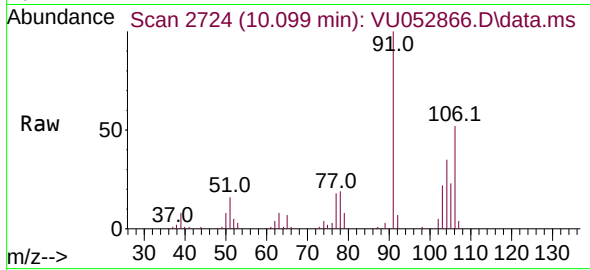




#65
o-Xylene
Concen: 1.530 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

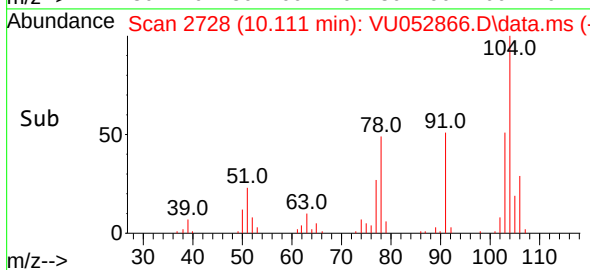
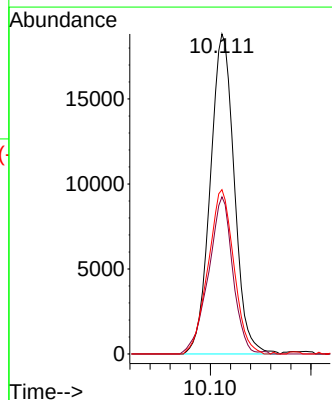
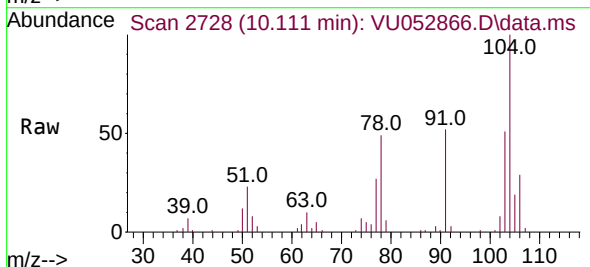
Instrument :
MSVOA_U
ClientSampleId :

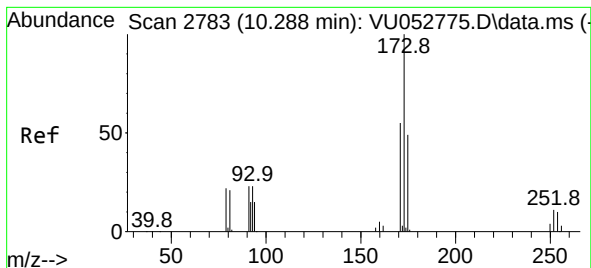
Tgt Ion:106 Resp: 21178
Ion Ratio Lower Upper
106 100
91 190.8 105.6 316.8



#66
Styrene
Concen: 1.540 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.001 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion:104 Resp: 31196
Ion Ratio Lower Upper
104 100
78 49.6 39.6 59.4
103 55.1 42.9 64.3





#67

Bromoform

Concen: 1.845 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052866.D

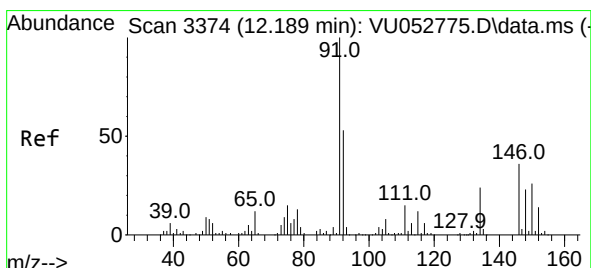
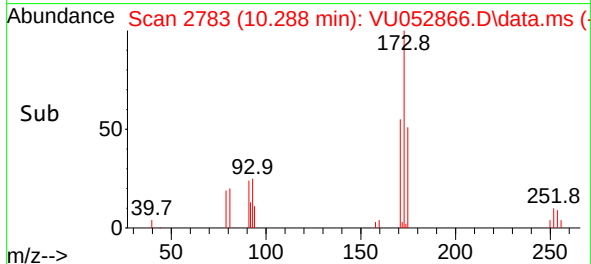
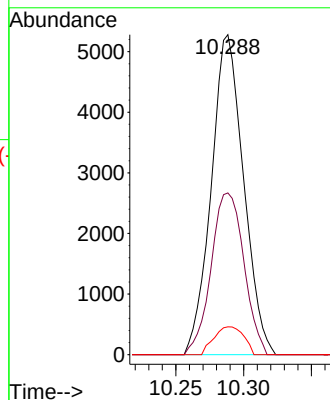
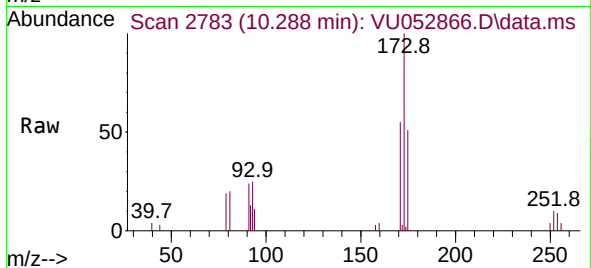
Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	8743
Ion	Ratio	Lower	Upper
173	100		
175	51.3	39.5	59.3
254	8.0	8.0	12.0



#68

1,2-Dichlorobenzene-d4

Concen: 1.057 ug/l

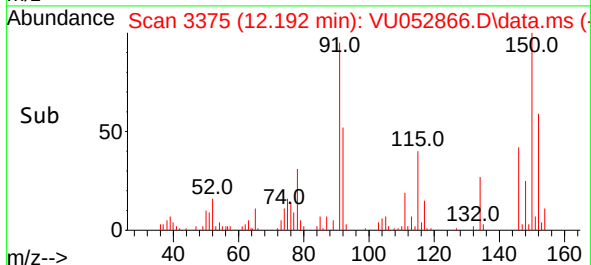
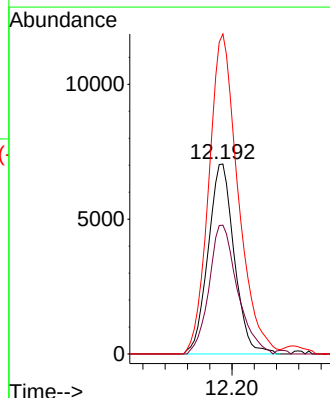
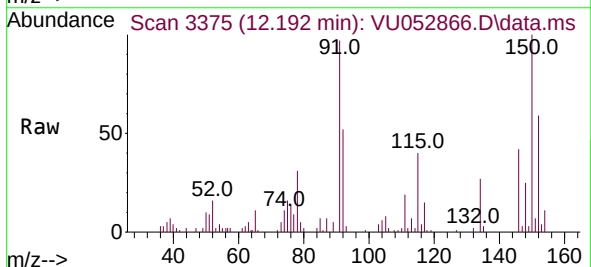
RT: 12.192 min Scan# 3375

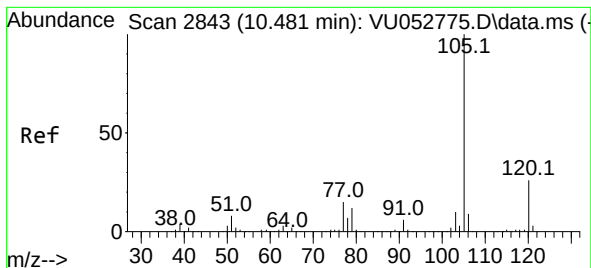
Delta R.T. 0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Tgt Ion:	152	Resp:	11452
Ion	Ratio	Lower	Upper
152	100		
115	73.9	0.0	262.6
150	188.8	0.0	638.0





#69

Isopropylbenzene

Concen: 1.421 ug/l

RT: 10.481 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

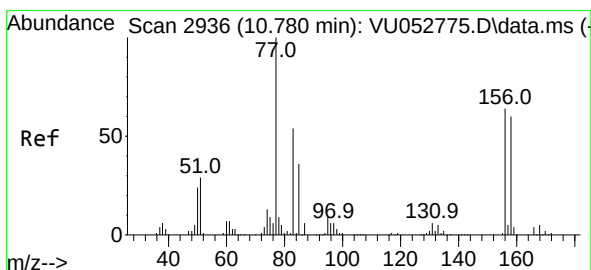
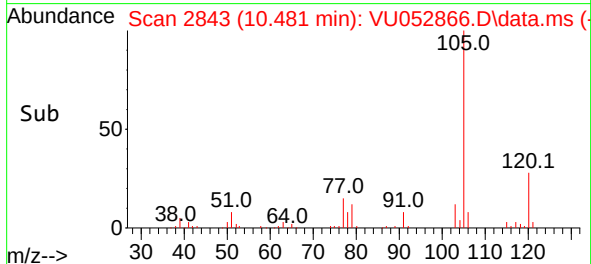
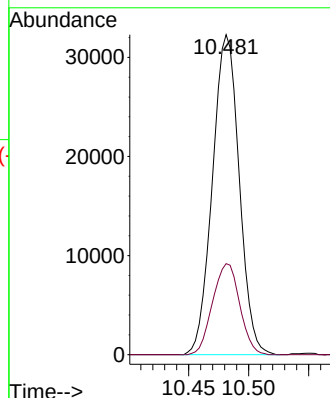
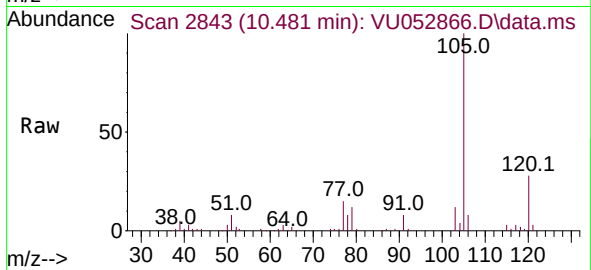
ClientSampleId :

Tgt Ion:105 Resp: 50065

Ion Ratio Lower Upper

105 100

120 28.7 13.3 39.9



#70

1,1,2,2-Tetrachloroethane

Concen: 1.698 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

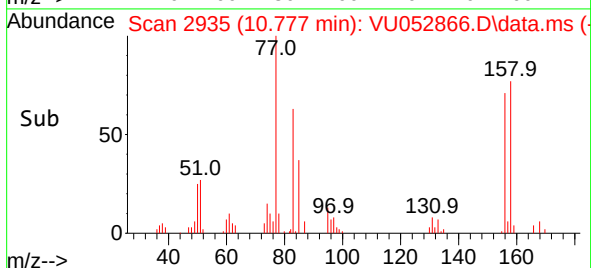
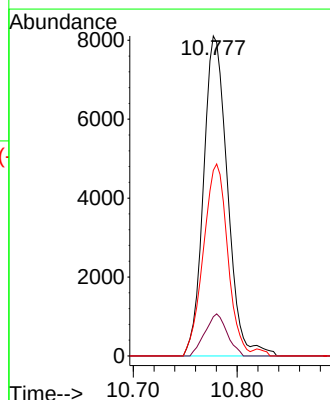
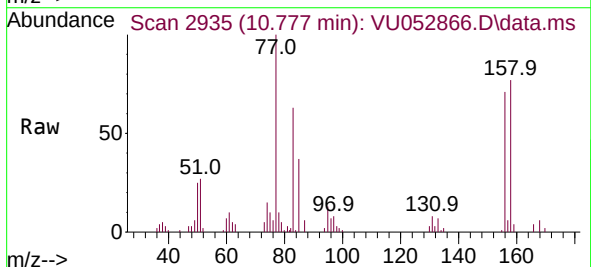
Tgt Ion: 83 Resp: 12992

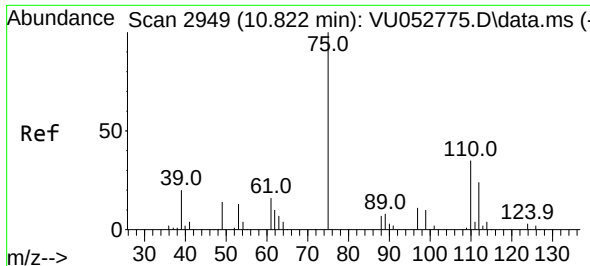
Ion Ratio Lower Upper

83 100

131 12.1 8.6 13.0

85 60.7 52.6 78.8

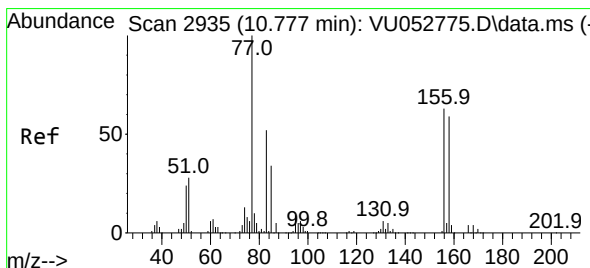
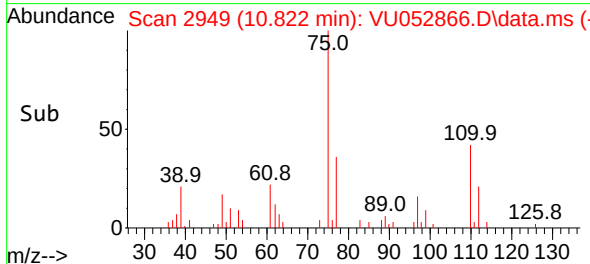
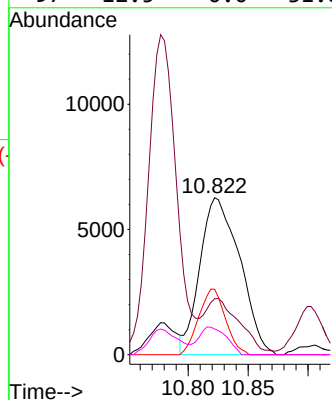
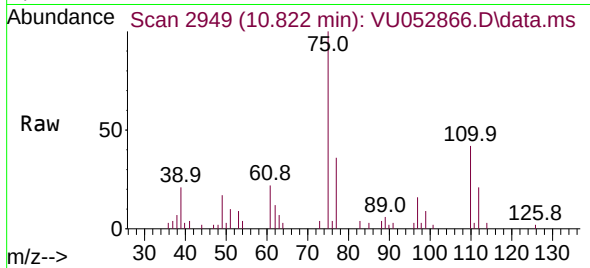




#71
1,2,3-Trichloropropane
Concen: 2.192 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

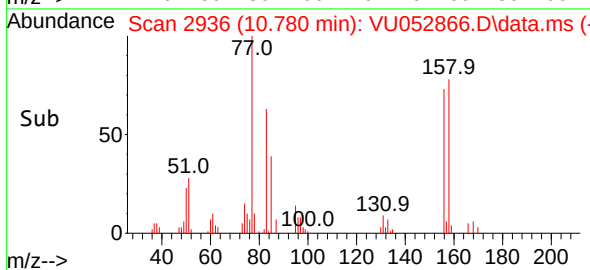
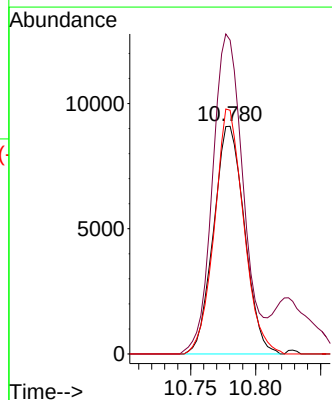
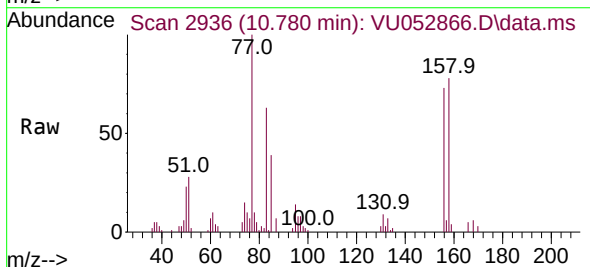
Instrument :
MSVOA_U
ClientSampleId :

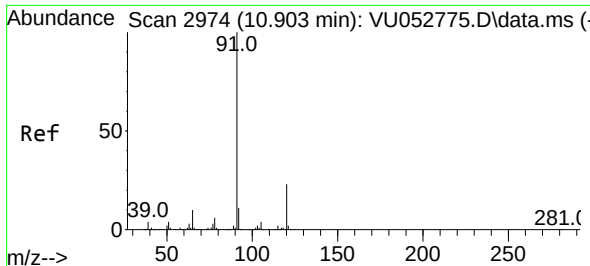
Tgt Ion:	75	Resp:	14520
Ion Ratio	Lower	Upper	
75	100		
77	31.3	0.0	86.0
110	28.0	0.0	63.8
97	12.5	0.0	31.8



#72
Bromobenzene
Concen: 1.680 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion:	156	Resp:	15034
Ion Ratio	Lower	Upper	
156	100		
77	139.5	0.0	321.2
158	101.9	0.0	192.0

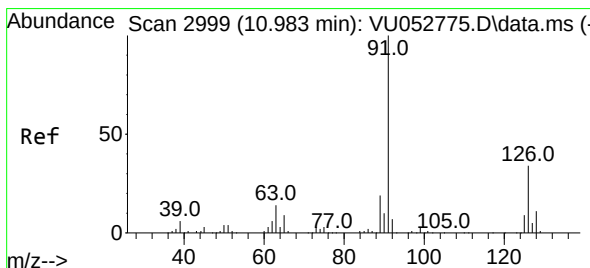
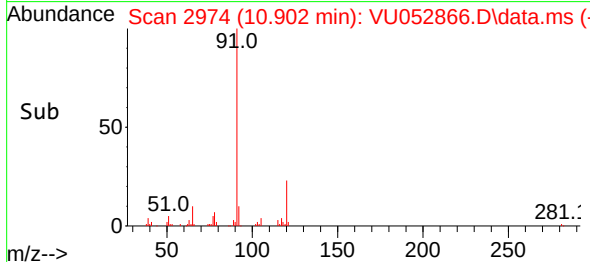
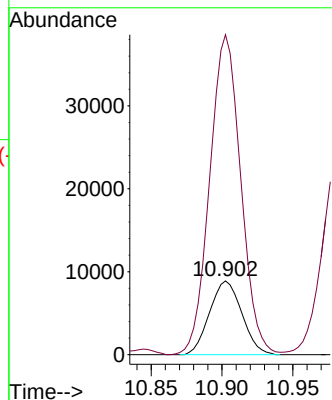
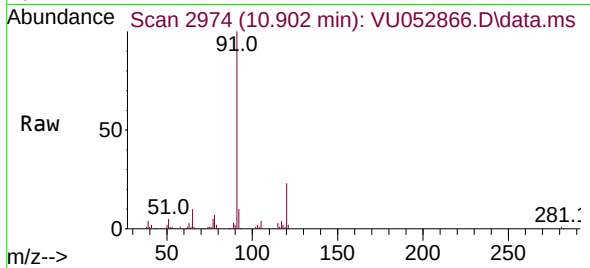




#73
n-propylbenzene
Concen: 1.574 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

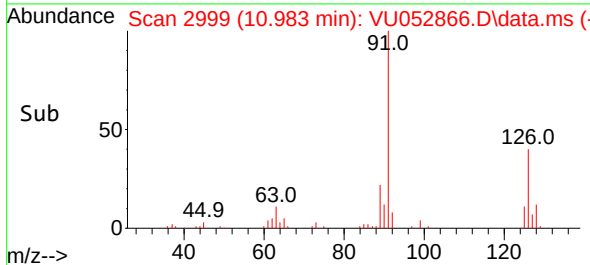
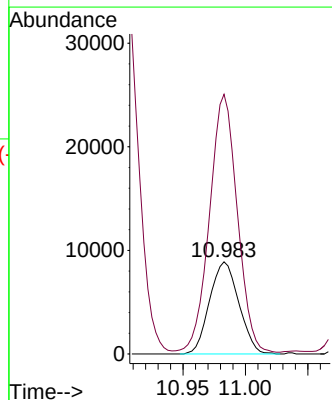
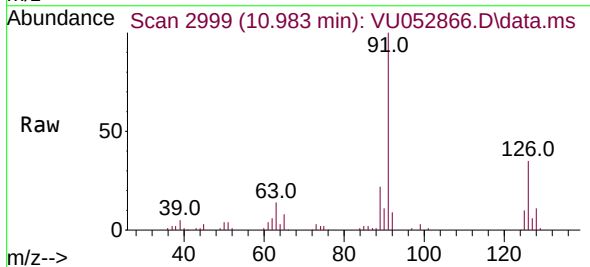
Instrument :
MSVOA_U
ClientSampleId :

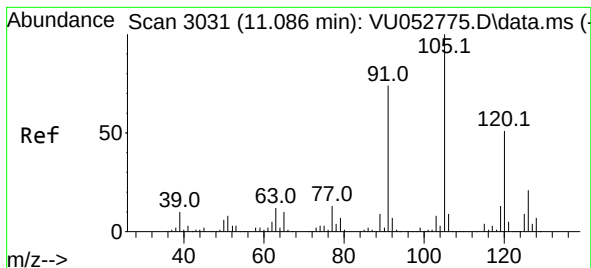
Tgt Ion:120 Resp: 14093
Ion Ratio Lower Upper
120 100
91 417.7 348.0 522.0



#74
2-Chlorotoluene
Concen: 1.632 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion:126 Resp: 14527
Ion Ratio Lower Upper
126 100
91 266.7 0.0 588.6





#75

1,3,5-Trimethylbenzene

Concen: 1.554 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

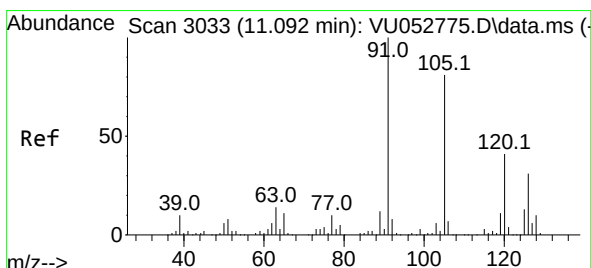
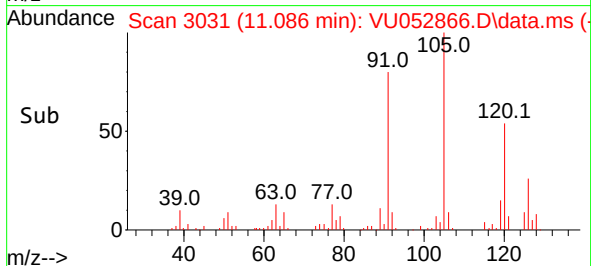
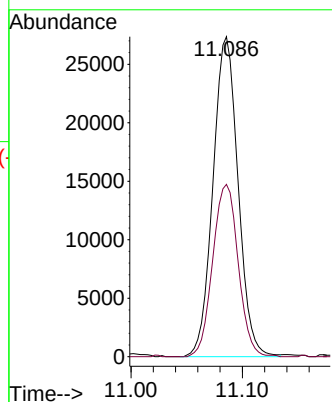
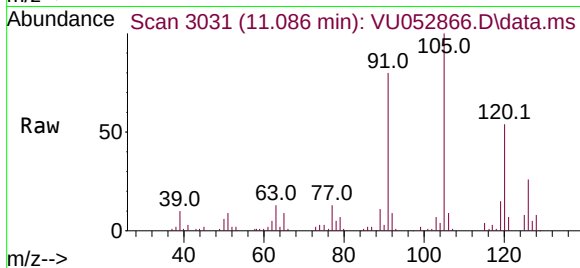
ClientSampleId :

Tgt Ion:105 Resp: 42817

Ion Ratio Lower Upper

105 100

120 54.7 39.9 59.9



#76

4-Chlorotoluene

Concen: 1.690 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU052866.D

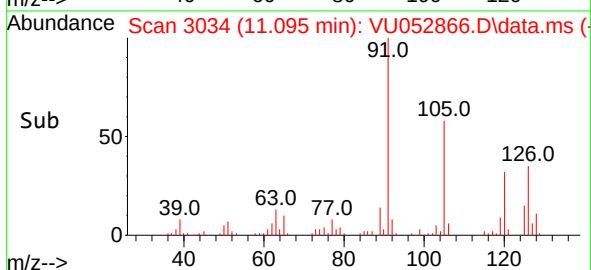
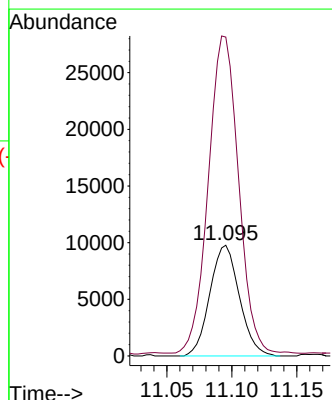
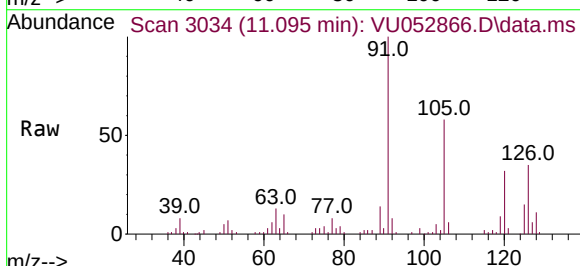
Acq: 30 Jan 2023 15:40

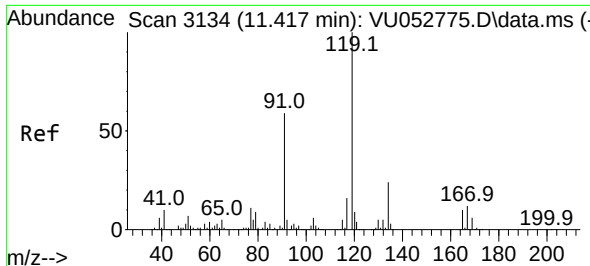
Tgt Ion:126 Resp: 15434

Ion Ratio Lower Upper

126 100

91 292.5 0.0 661.8





#77

tert-Butylbenzene

Concen: 1.578 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

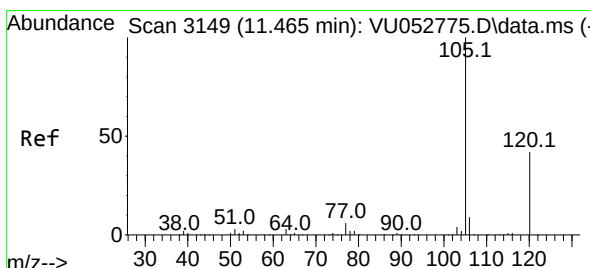
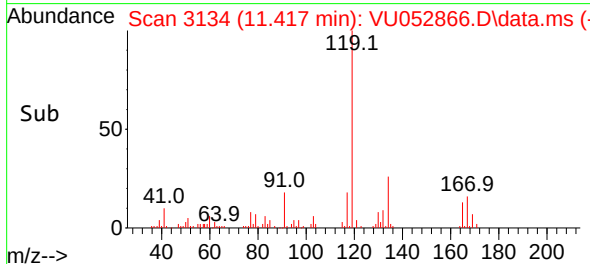
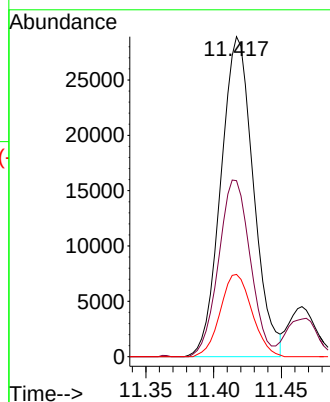
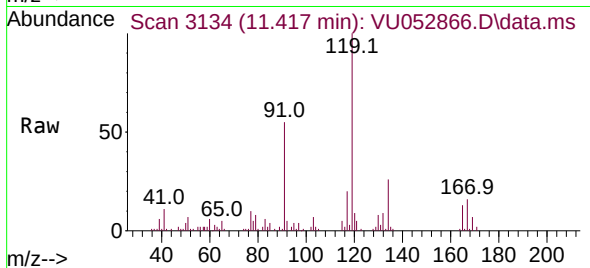
Tgt Ion:119 Resp: 48328

Ion Ratio Lower Upper

119 100

91 53.5 28.4 85.3

134 25.0 18.6 27.8



#78

1,2,4-Trimethylbenzene

Concen: 1.604 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052866.D

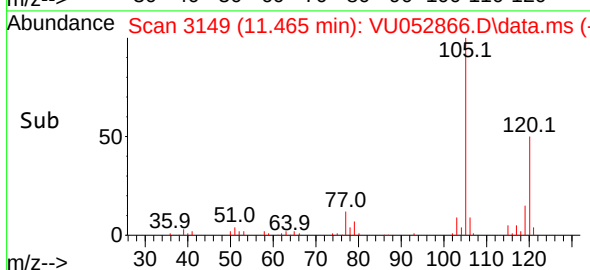
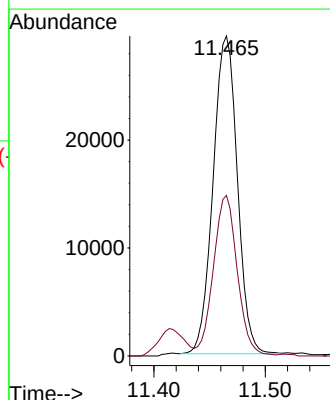
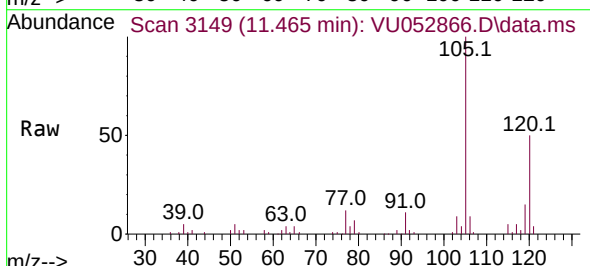
Acq: 30 Jan 2023 15:40

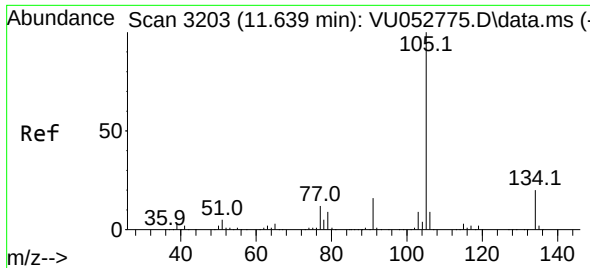
Tgt Ion:105 Resp: 44577

Ion Ratio Lower Upper

105 100

120 49.1 23.4 70.3

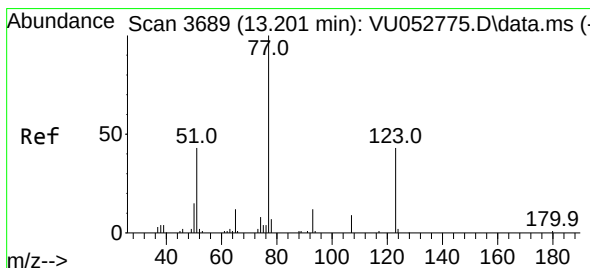
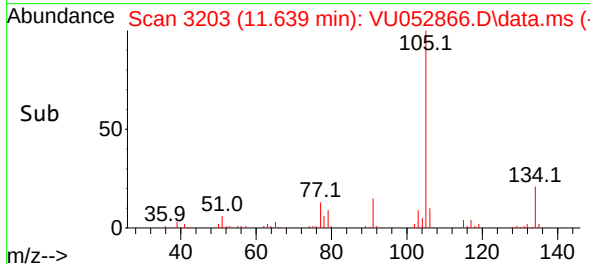
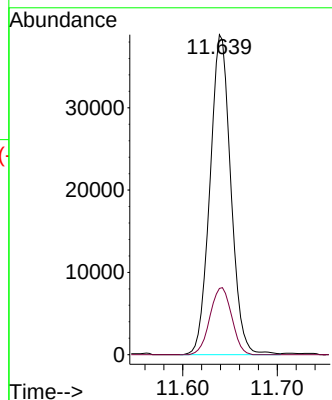
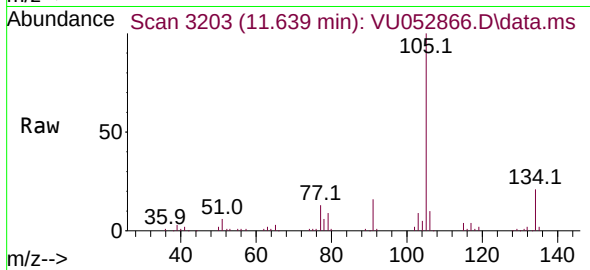




#79
 sec-Butylbenzene
 Concen: 1.628 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

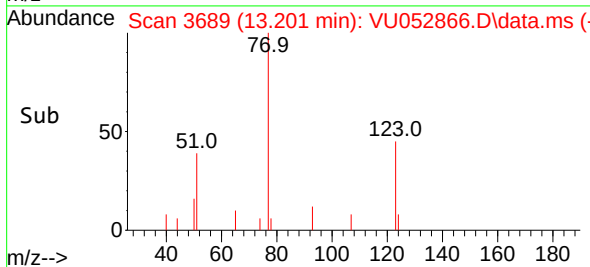
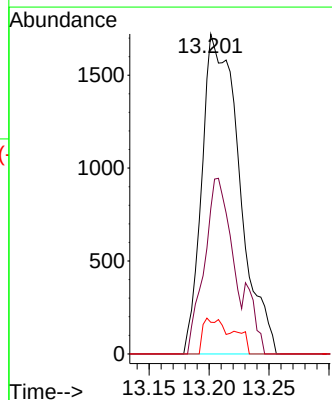
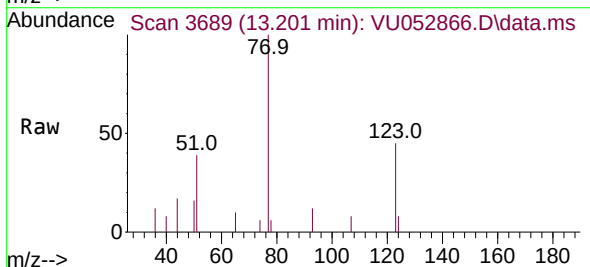
Instrument :
 MSVOA_U
 ClientSampleId :

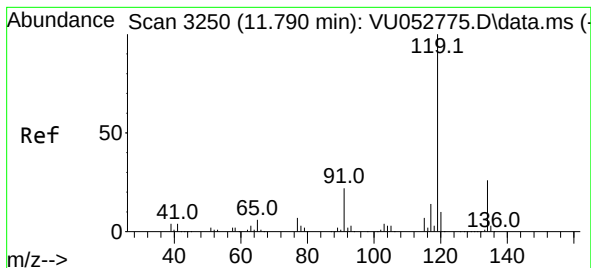
Tgt Ion:105 Resp: 59522
 Ion Ratio Lower Upper
 105 100
 134 21.8 16.5 24.7



#80
 Nitrobenzene
 Concen: 7.872 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Tgt Ion: 77 Resp: 3729
 Ion Ratio Lower Upper
 77 100
 123 31.2 18.8 66.8
 65 6.4 10.1 12.9#





#81

p-Isopropyltoluene

Concen: 1.627 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

Instrument :

MSVOA_U

ClientSampleId :

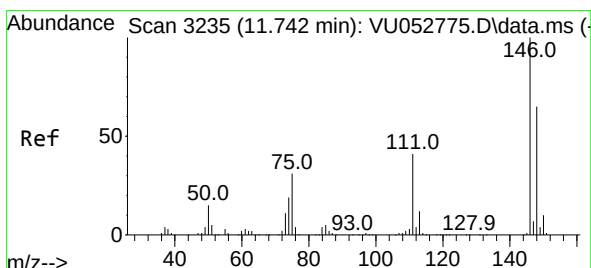
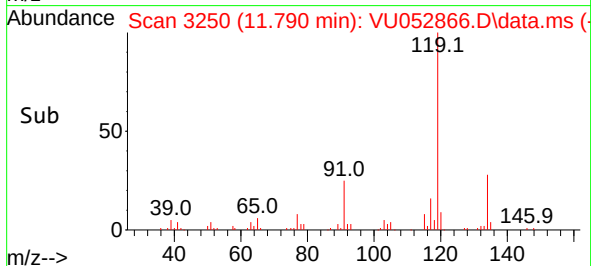
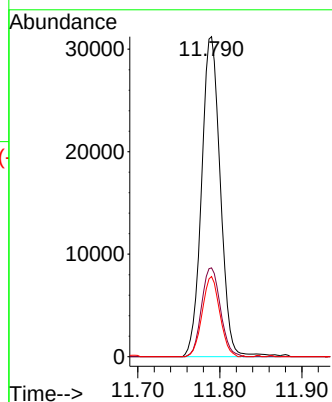
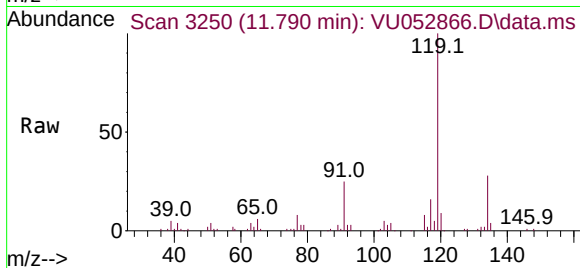
Tgt Ion:119 Resp: 49495

Ion Ratio Lower Upper

119 100

134 27.9 20.7 31.1

91 23.5 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 1.853 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU052866.D

Acq: 30 Jan 2023 15:40

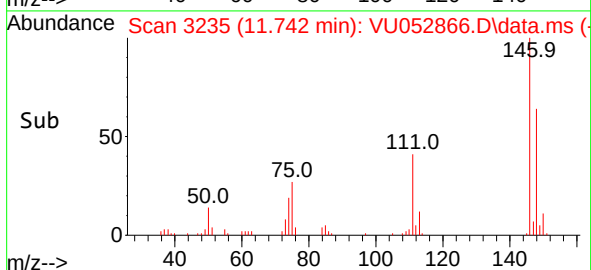
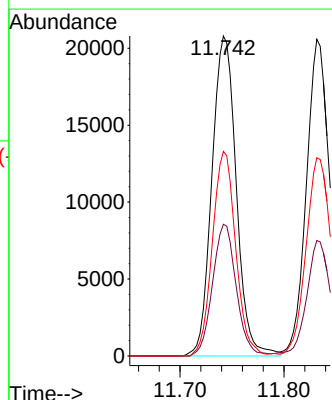
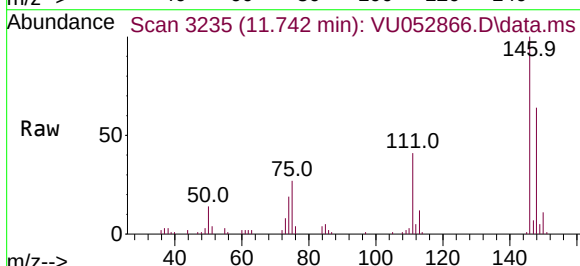
Tgt Ion:146 Resp: 33851

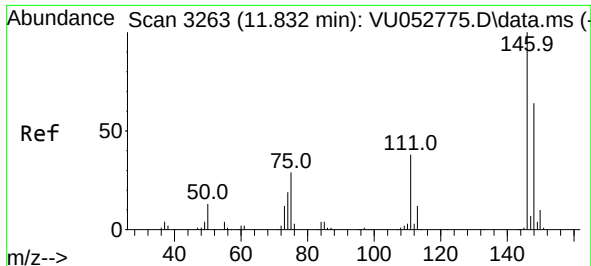
Ion Ratio Lower Upper

146 100

111 39.9 32.6 48.8

148 61.1 51.9 77.9

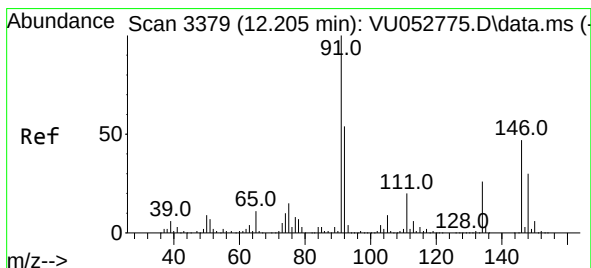
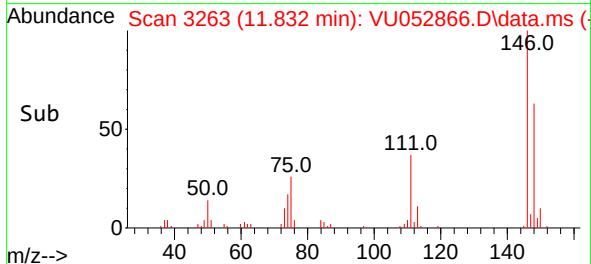
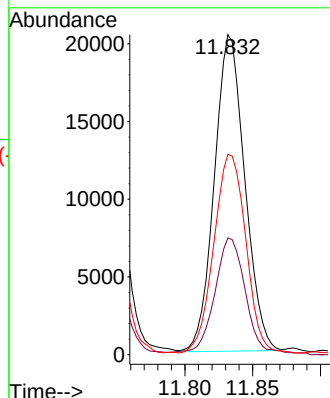
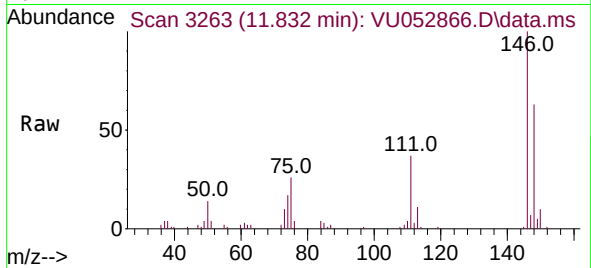




#83
1,4-Dichlorobenzene
Concen: 1.734 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

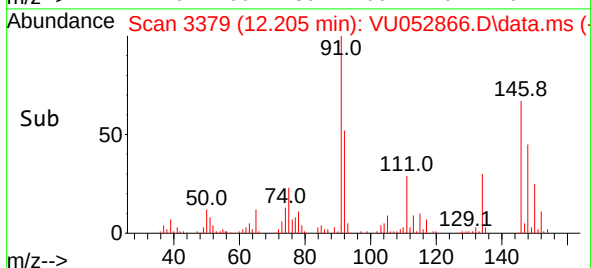
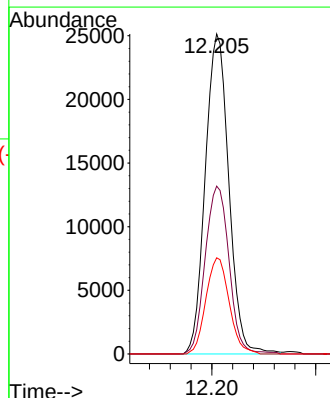
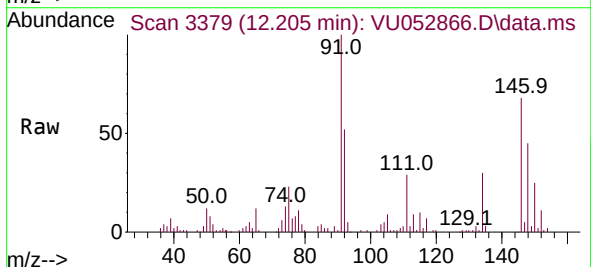
Instrument :
MSVOA_U
ClientSampleId :

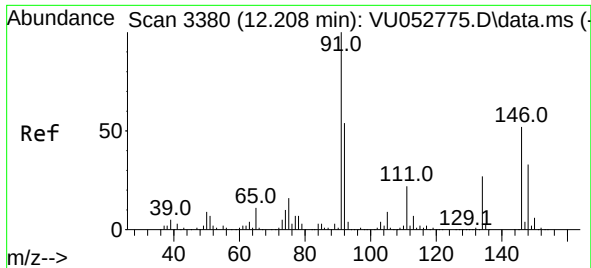
Tgt Ion:146 Resp: 31804
Ion Ratio Lower Upper
146 100
111 37.9 29.5 44.3
148 66.2 51.4 77.0



#84
n-Butylbenzene
Concen: 1.585 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion: 91 Resp: 39550
Ion Ratio Lower Upper
91 100
92 53.2 43.4 65.0
134 29.6 21.2 31.8

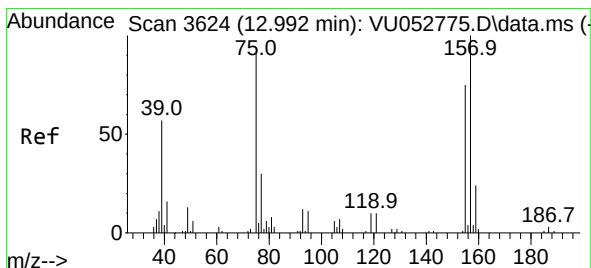
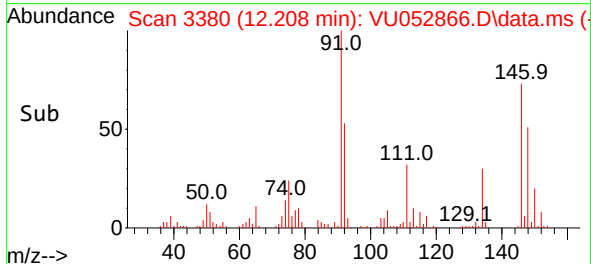
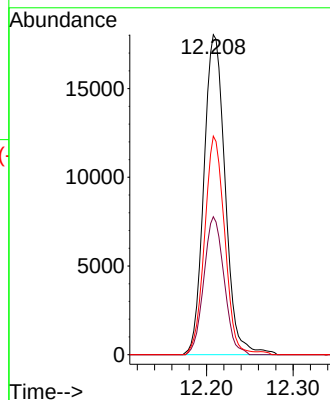
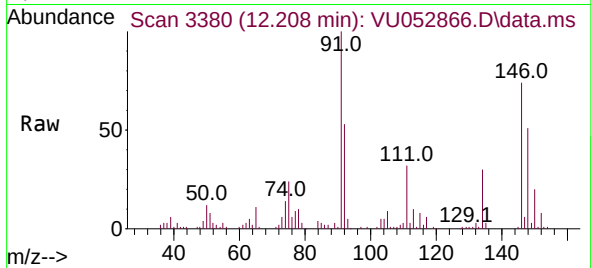




#85
 1,2-Dichlorobenzene
 Concen: 1.787 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

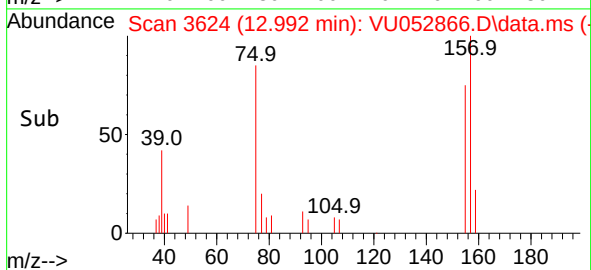
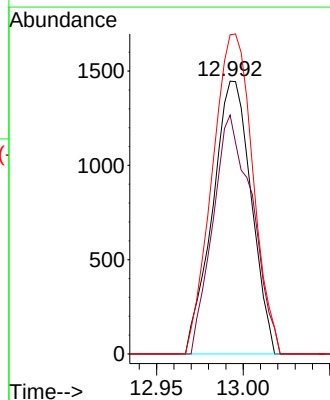
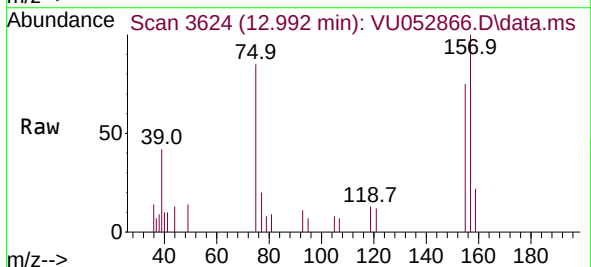
Instrument :
 MSVOA_U
 ClientSampleId :

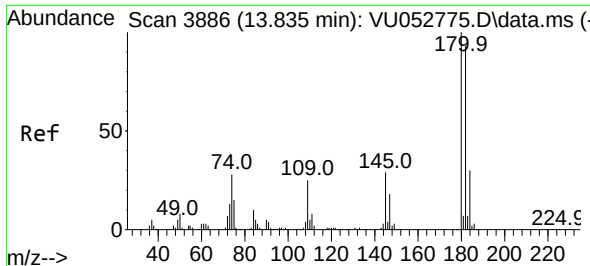
Tgt Ion:146 Resp: 30814
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.5
 148 64.3 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.584 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. -0.000 min
 Lab File: VU052866.D
 Acq: 30 Jan 2023 15:40

Tgt Ion: 75 Resp: 2245
 Ion Ratio Lower Upper
 75 100
 155 89.3 66.0 99.0
 157 123.3 85.9 128.9

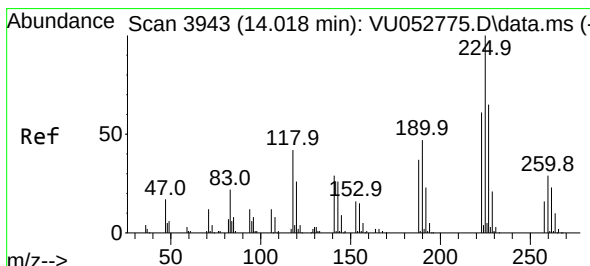
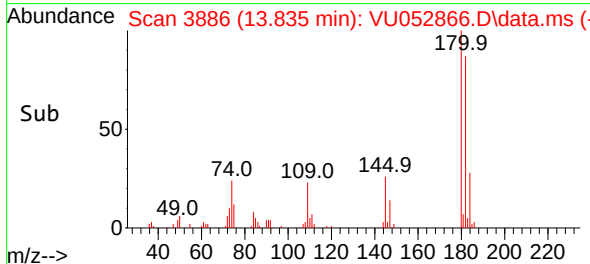
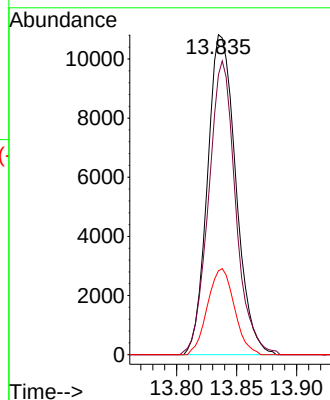
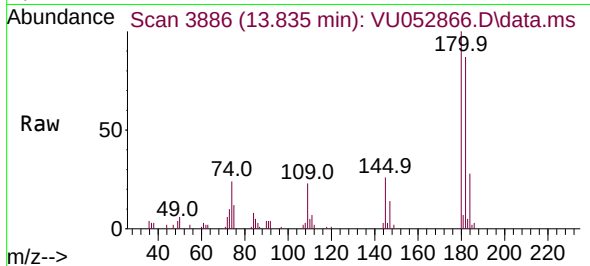




#87
1,2,4-Trichlorobenzene
Concen: 1.724 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

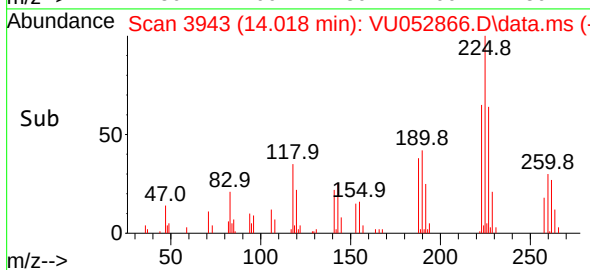
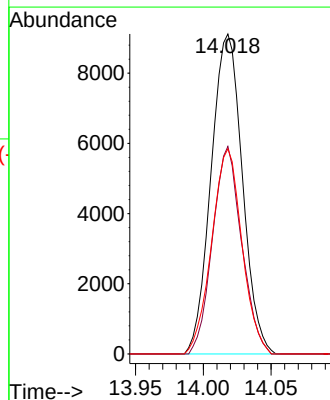
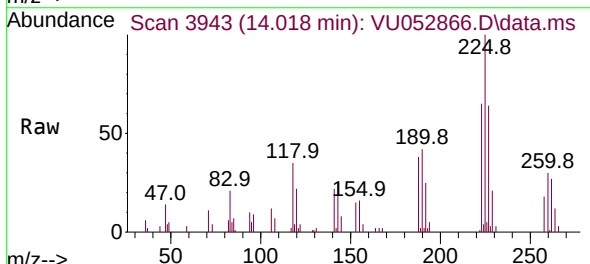
Instrument :
MSVOA_U
ClientSampleId :

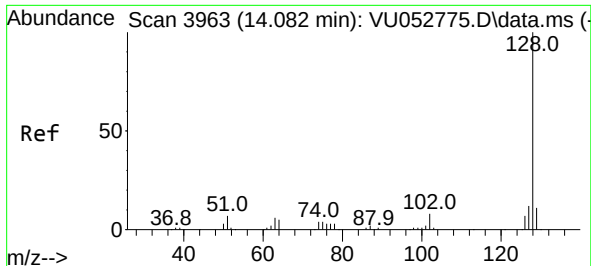
Tgt Ion:180 Resp: 17824
Ion Ratio Lower Upper
180 100
182 87.5 74.6 112.0
145 25.4 23.4 35.0



#88
Hexachlorobutadiene
Concen: 2.020 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

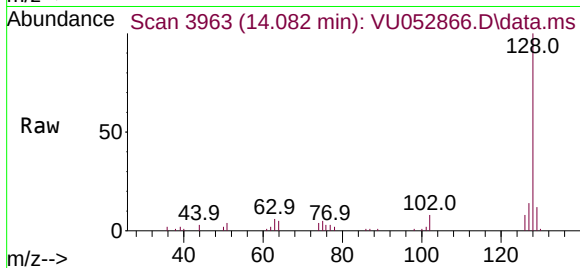
Tgt Ion:225 Resp: 14641
Ion Ratio Lower Upper
225 100
223 60.2 49.8 74.6
227 62.0 51.5 77.3



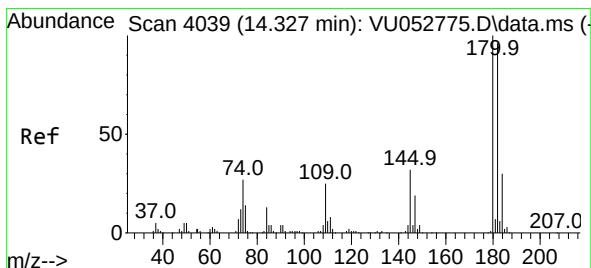
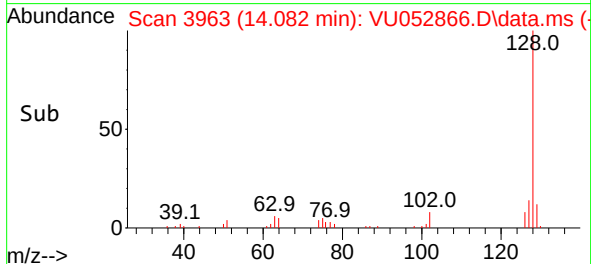
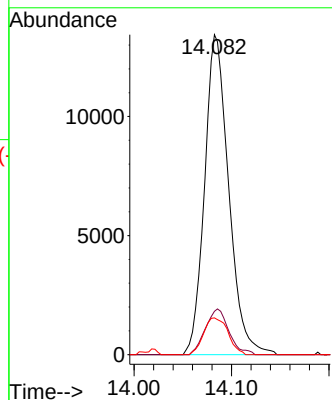


#89
Naphthalene
Concen: 1.152 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	23085
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	11.7	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 1.562 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052866.D
Acq: 30 Jan 2023 15:40

Tgt Ion:	180	Resp:	15325
Ion Ratio	Lower	Upper	
180	100		
182	93.0	77.8	116.6
145	30.9	25.2	37.8

