

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052871.D
 Acq On : 30 Jan 2023 18:13
 Operator : JC/MD
 Sample : LOQ
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 31 08:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 31 08:27:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	26191	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	7399	0.849	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9091	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3997	0.451	ug/l	87
3) Chloromethane	1.520	50	3430	0.408	ug/l	92
4) Vinyl Chloride	1.604	62	3068	0.378	ug/l	99
5) Bromomethane	1.858	94	2759	0.654	ug/l	94
6) Chloroethane	1.935	64	2803	0.574	ug/l	97
7) Trichlorofluoromethane	2.137	101	7161	0.605	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	3893	0.602	ug/l	96
9) 1,1-Dichloroethene	2.578	96	3291	0.538	ug/l	86
10) Iodomethane	2.723	142	3738	0.553	ug/l	90
11) Allyl Chloride	2.922	41	3957	0.542	ug/l	98
12) Acrylonitrile	3.324	53	1488	1.148	ug/l	95
13) Acetone	2.652	43	4885	2.658	ug/l	94
14) Carbon Disulfide	2.793	76	9582	0.468	ug/l	100
15) Methylene Chloride	3.044	84	6395	0.866	ug/l	95
16) trans-1,2-Dichloroethene	3.346	96	4011	0.590	ug/l #	92
17) 1,1-Dichloroethane	3.864	63	6847	0.596	ug/l	99
18) 2-Butanone	4.729	43	5418	2.538	ug/l	89
19) Cyclohexane	5.382	56	4478	0.443	ug/l	85
20) Methylcyclohexane	6.755	83	3180	0.282	ug/l #	87
21) 2,2-Dichloropropane	4.658	77	6593	0.618	ug/l	97
22) cis-1,2-Dichloroethene	4.668	96	3594	0.506	ug/l	78
23) Diethyl Ether	2.375	59	2331	0.540	ug/l	95
24) tert-Butyl Alcohol	3.263	59	752	1.446	ug/l #	22
25) Methyl tert-Butyl Ether	3.369	73	8482	0.605	ug/l #	86
26) Bromochloromethane	4.970	128	1886	0.568	ug/l	71
27) Chloroform	5.086	83	8684	0.706	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	7067	0.622	ug/l	97
29) 1,1-Dichloropropene	5.520	75	4563	0.476	ug/l	98
30) Carbon Tetrachloride	5.517	117	5882	0.570	ug/l	93
31) Isopropyl Ether	3.996	45	9447	0.572	ug/l	90
32) Ethyl-t-butyl ether	4.504	59	9339	0.606	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	5260	0.386	ug/l #	82
34) Propionitrile	4.803	54	1398	2.860	ug/l #	5
35) Benzene	5.771	78	12747	0.458	ug/l	98
36) 1,2-Dichloroethane	5.790	62	4152	0.497	ug/l #	89
37) Trichloroethene	6.539	130	3804	0.502	ug/l	100
38) 1,2-Dichloropropane	6.793	63	2520	0.357	ug/l	97
39) Methacrylonitrile	4.980	41	1154	0.591	ug/l #	89
40) Methyl acrylate	4.858	55	2016	0.582	ug/l #	74
41) Tetrahydrofuran	5.079	42	1049	1.080	ug/l #	84
42) 1-Chlorobutane	5.449	56	6453	0.527	ug/l	94
43) Dibromomethane	6.922	93	1634	0.458	ug/l	92
44) Bromodichloromethane	7.105	83	4549	0.470	ug/l #	99

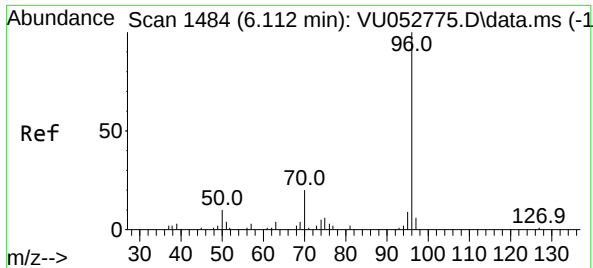
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
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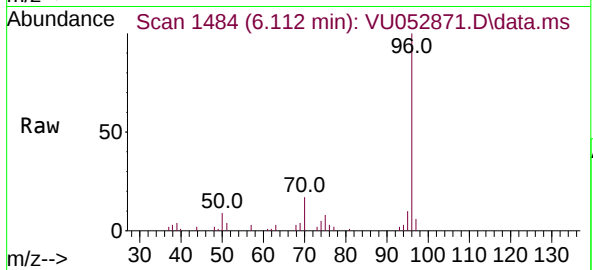
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	5195	1.385	ug/l	95
46) t-1,4-Dichloro-2-butene	10.819	75	3069	1.560	ug/l #	47
47) Methyl methacrylate	6.970	69	1695	0.534	ug/l	91
48) Ethyl methacrylate	8.340	69	1702	0.296	ug/l	92
49) Toluene	7.970	92	5970	0.354	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	2818	0.334	ug/l	90
51) cis-1,3-Dichloropropene	7.607	75	3448	0.347	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	2234	0.440	ug/l #	88
53) 1,3-Dichloropropane	8.575	76	3443	0.392	ug/l	89
54) 2-Hexanone	8.690	43	3984	1.214	ug/l	96
55) Dibromochloromethane	8.809	129	3096	0.466	ug/l	91
56) 1,2-Dibromoethane	8.915	107	1807	0.374	ug/l	83
58) Tetrachloroethene	8.552	164	3192	0.467	ug/l	91
59) Chlorobenzene	9.443	112	6646	0.362	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.533	131	3327	0.468	ug/l	93
61) Pentachloroethane	11.426	117	2722	0.467	ug/l	97
62) Hexachloroethane	12.471	117	2624	0.446	ug/l	91
63) Ethyl Benzene	9.568	91	8875	0.298	ug/l	89
64) m/p-Xylenes	9.693	106	6910	0.582	ug/l	96
65) o-Xylene	10.095	106	3489	0.305	ug/l	92
66) Styrene	10.111	104	5299	0.289	ug/l	95
67) Bromoform	10.285	173	1684	0.430	ug/l #	93
69) Isopropylbenzene	10.481	105	8841	0.303	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	2715	0.429	ug/l #	97
71) 1,2,3-Trichloropropane	10.819	75	3069	0.560	ug/l	78
72) Bromobenzene	10.780	156	2756	0.372	ug/l	88
73) n-propylbenzene	10.902	120	2423	0.300	ug/l	97
74) 2-Chlorotoluene	10.986	126	2410	0.327	ug/l	89
75) 1,3,5-Trimethylbenzene	11.082	105	6985	0.282	ug/l	95
76) 4-Chlorotoluene	11.092	126	2470	0.327	ug/l	81
77) tert-Butylbenzene	11.417	119	7918	0.313	ug/l	93
78) 1,2,4-Trimethylbenzene	11.465	105	7127	0.285	ug/l	98
79) sec-Butylbenzene	11.639	105	9026	0.277	ug/l	96
80) Nitrobenzene	13.214	77	818	2.088	ug/l #	82
81) p-Isopropyltoluene	11.790	119	7786	0.284	ug/l	95
82) 1,3-Dichlorobenzene	11.742	146	6007	0.398	ug/l	96
83) 1,4-Dichlorobenzene	11.835	146	5357	0.353	ug/l	97
84) n-Butylbenzene	12.208	91	6522	0.273	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	5703	0.400	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.999	75	380	0.324	ug/l	90
87) 1,2,4-Trichlorobenzene	13.838	180	3243	0.379	ug/l	96
88) Hexachlorobutadiene	14.018	225	2994	0.500	ug/l	98
89) Naphthalene	14.089	128	4730	0.285	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.330	180	2747	0.338	ug/l	97

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

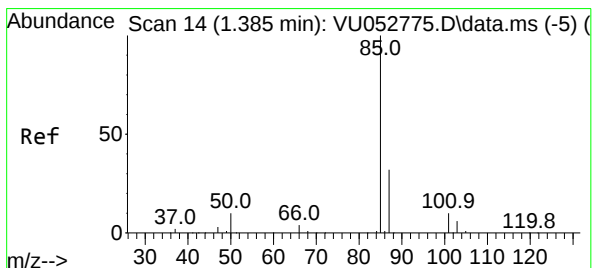
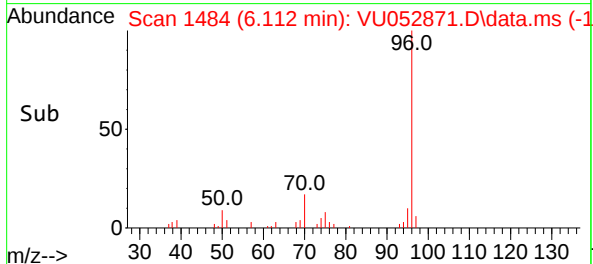
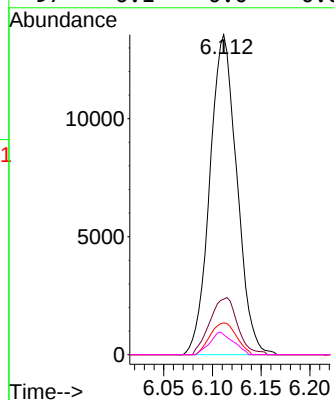


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

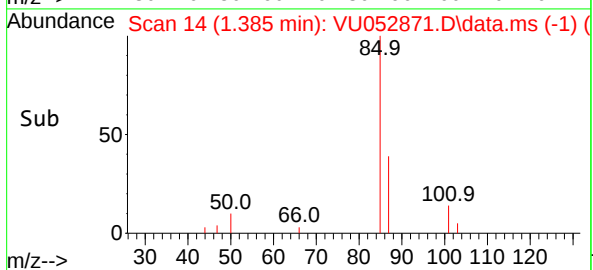
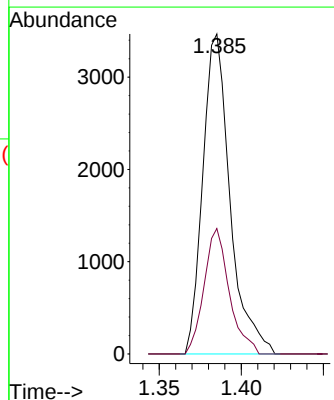
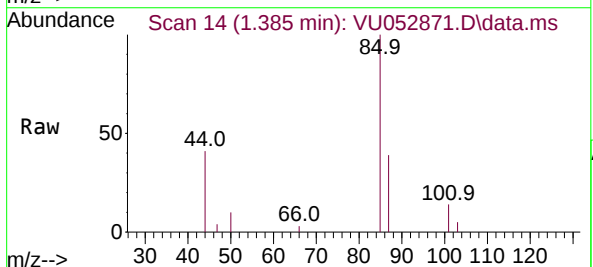


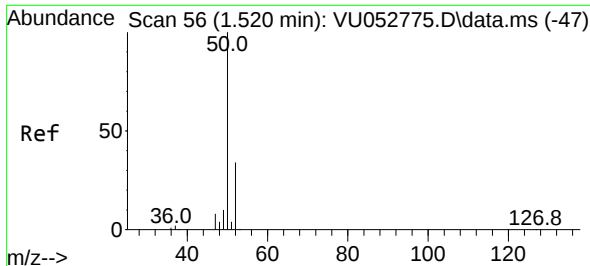
Tgt Ion: 96	Resp: 26191
Ion Ratio	Lower Upper
96 100	
70 18.3	16.2 24.4
95 9.6	7.4 11.0
97 6.1	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.451 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 85	Resp: 3997
Ion Ratio	Lower Upper
85 100	
87 39.2	16.1 48.2

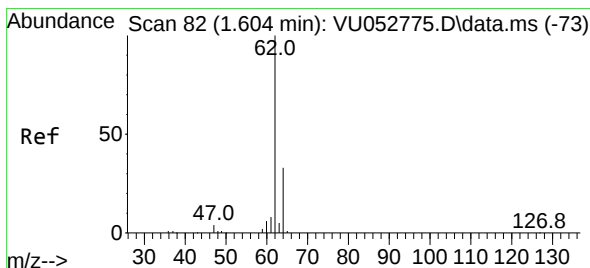
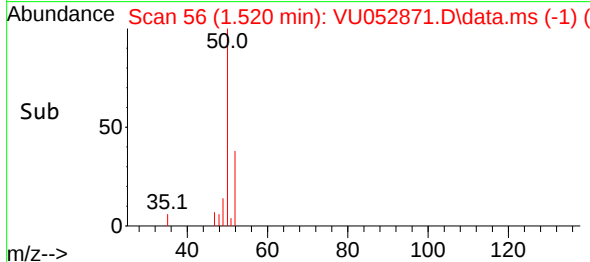
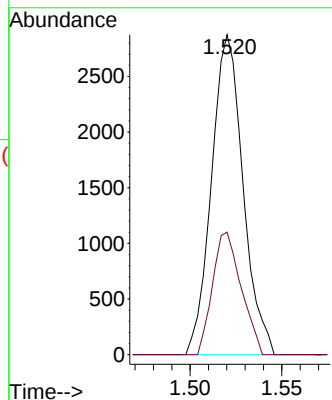
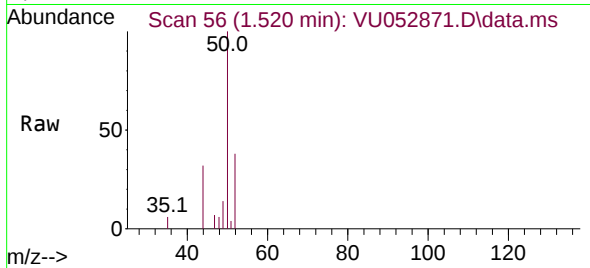




#3
Chloromethane
Concen: 0.408 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

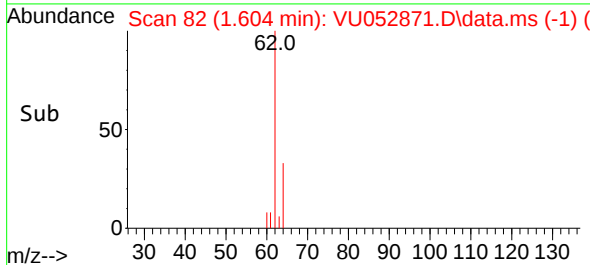
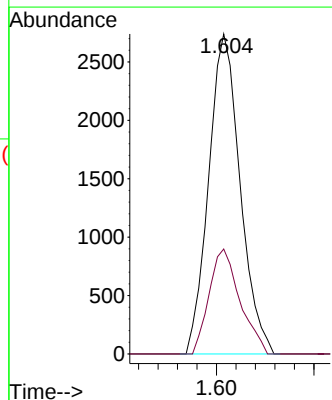
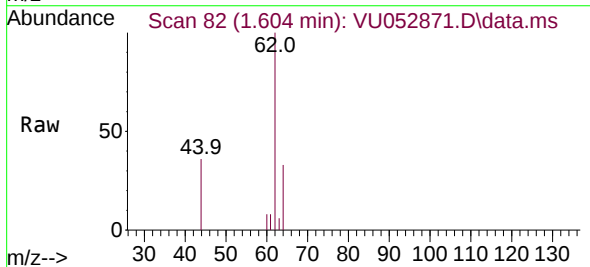
Instrument :
MSVOA_U
ClientSampleId :

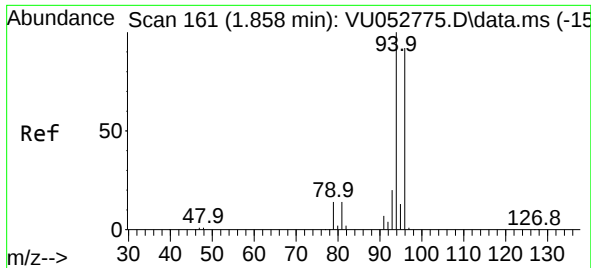
Tgt Ion: 50 Resp: 3430
Ion Ratio Lower Upper
50 100
52 38.3 26.8 40.2



#4
Vinyl Chloride
Concen: 0.378 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 62 Resp: 3068
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

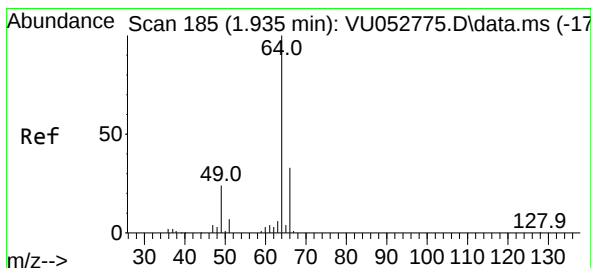
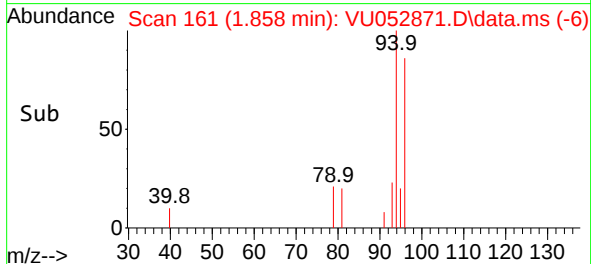
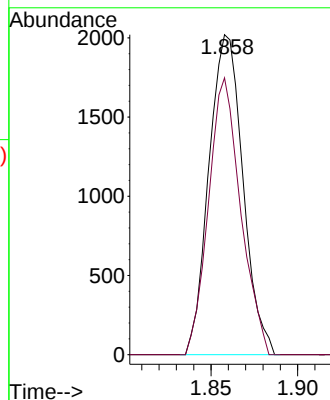
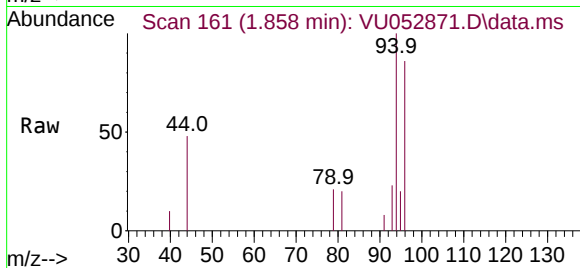




#5
Bromomethane
Concen: 0.654 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

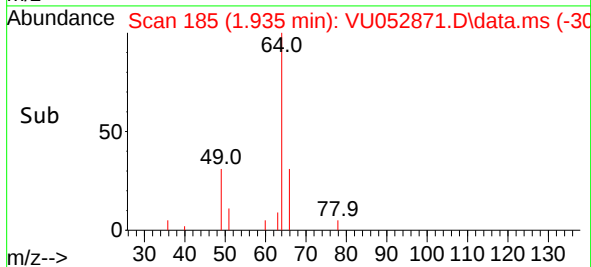
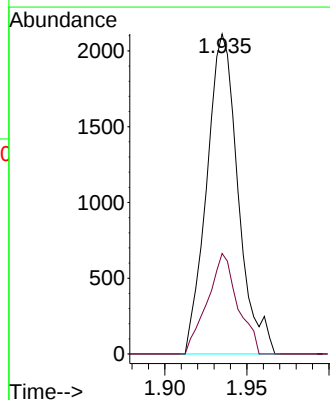
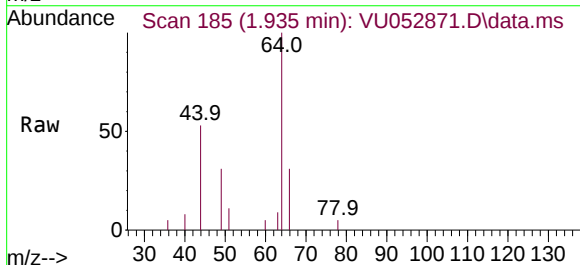
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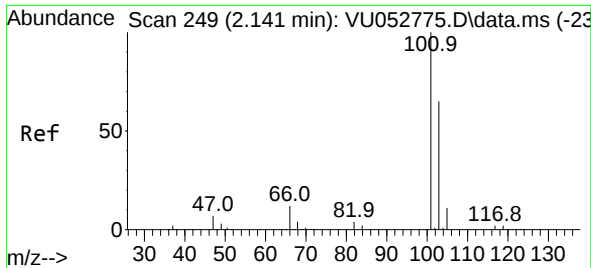
Tgt Ion: 94 Resp: 2759
Ion Ratio Lower Upper
94 100
96 86.5 73.8 110.6



#6
Chloroethane
Concen: 0.574 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 64 Resp: 2803
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0

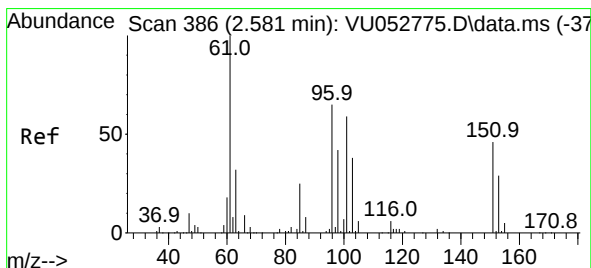
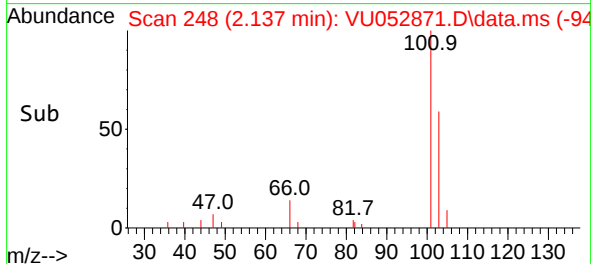
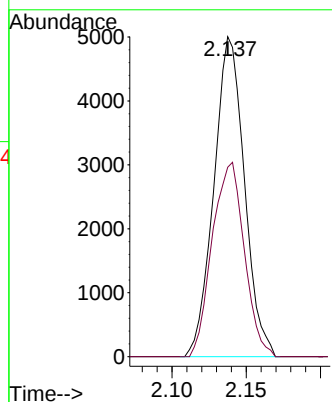
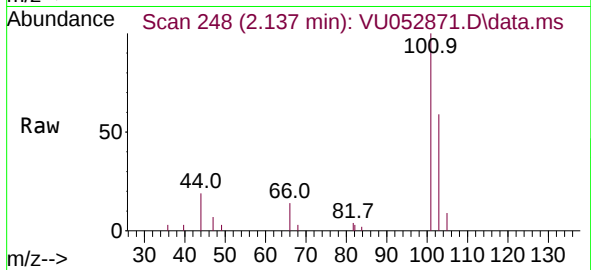




#7
 Trichlorofluoromethane
 Concen: 0.605 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

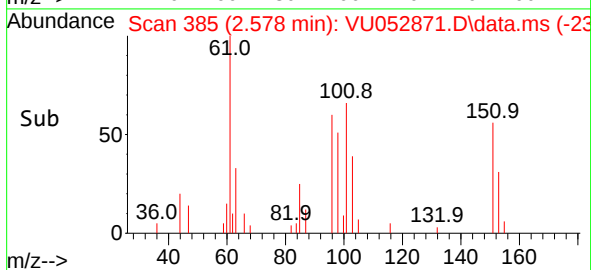
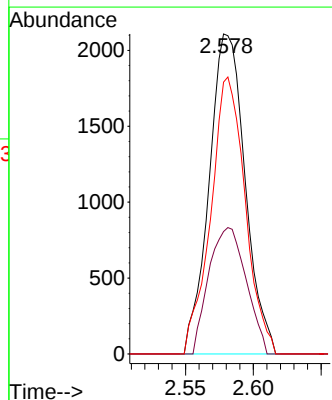
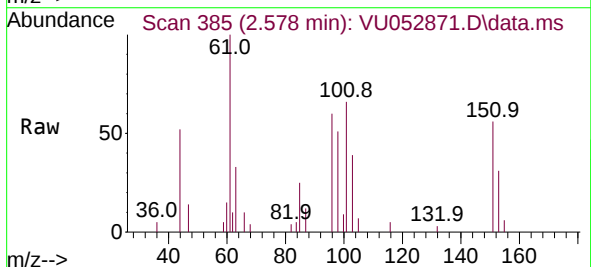
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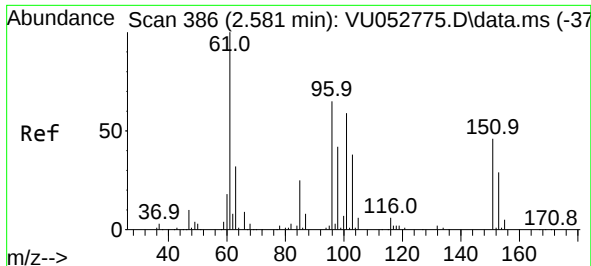
Tgt Ion:101 Resp: 7161
 Ion Ratio Lower Upper
 101 100
 103 59.2 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.602 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

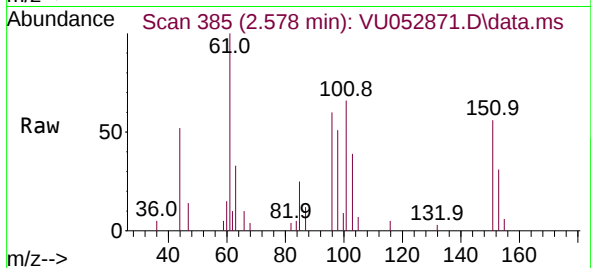
Tgt Ion:101 Resp: 3893
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.1 51.1
 151 83.0 63.0 94.4



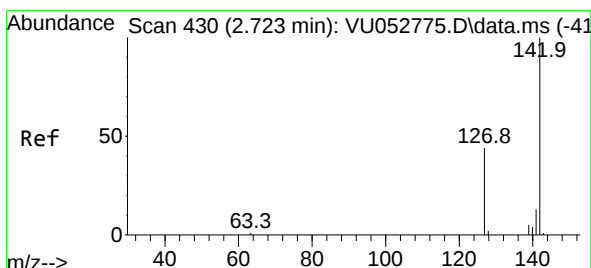
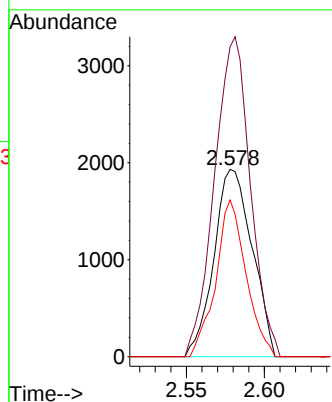
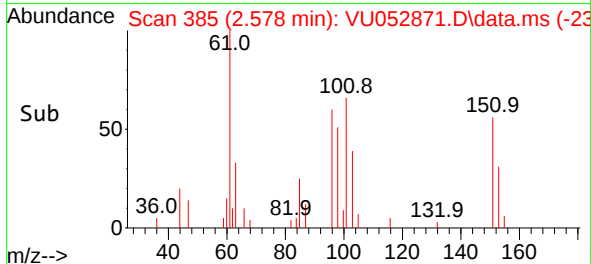


#9
1,1-Dichloroethene
Concen: 0.538 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

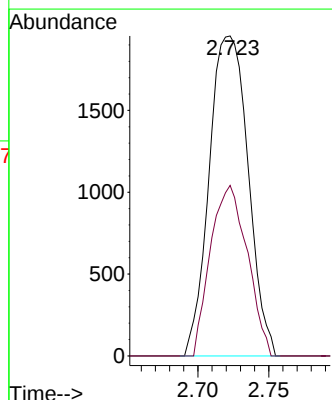
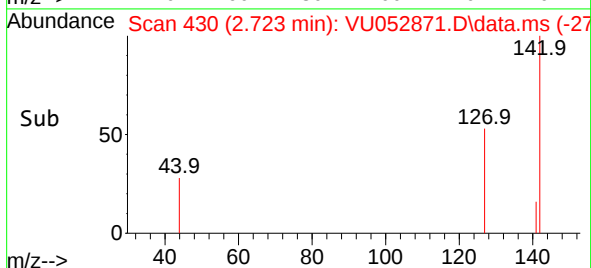
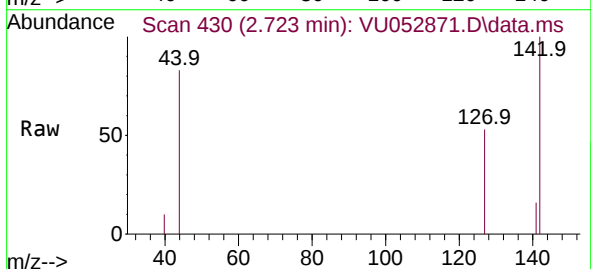


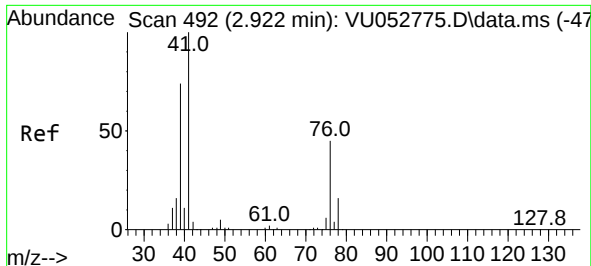
Tgt Ion: 96 Resp: 3291
Ion Ratio Lower Upper
96 100
61 165.4 0.0 460.5
98 83.6 0.0 128.0



#10
Iodomethane
Concen: 0.553 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 142 Resp: 3738
Ion Ratio Lower Upper
142 100
127 50.4 35.4 53.0

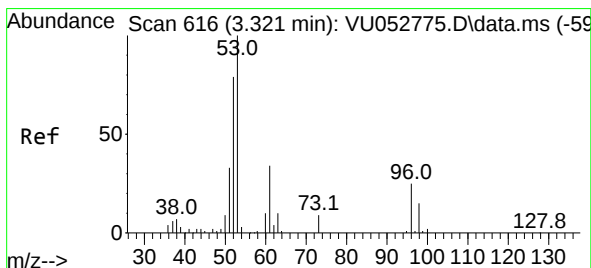
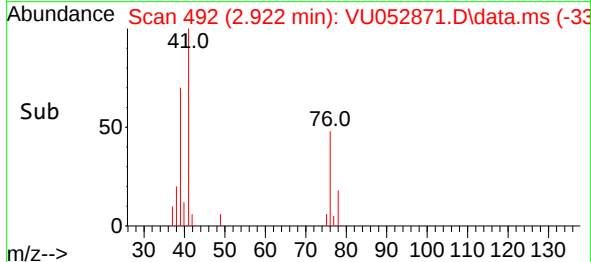
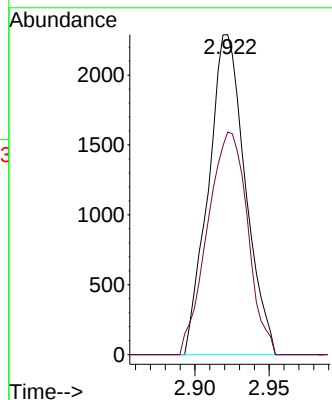
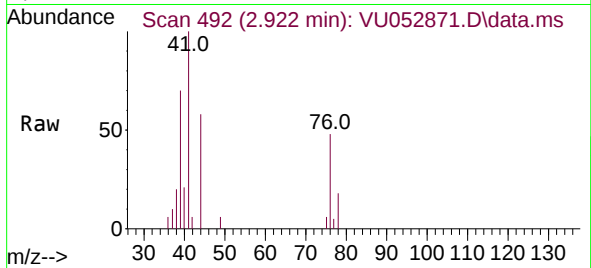




#11
 Allyl Chloride
 Concen: 0.542 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

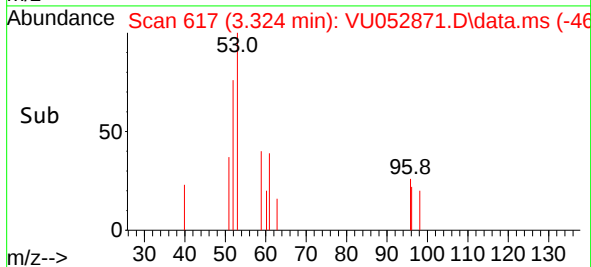
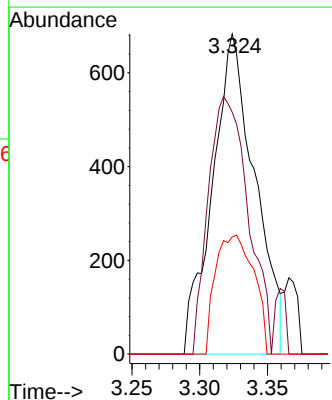
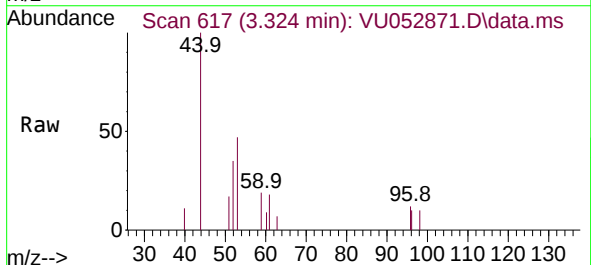
Instrument :
 MSVOA_U
 ClientSampleId :

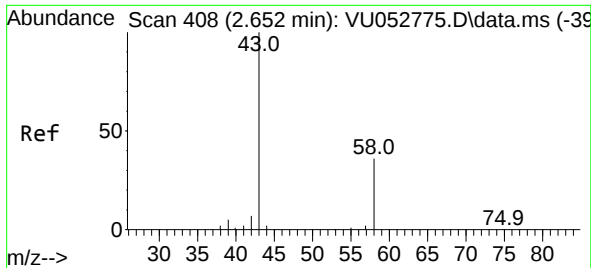
Tgt Ion: 41 Resp: 3957
 Ion Ratio Lower Upper
 41 100
 39 75.5 59.3 88.9



#12
 Acrylonitrile
 Concen: 1.148 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

Tgt Ion: 53 Resp: 1488
 Ion Ratio Lower Upper
 53 100
 52 75.6 63.0 94.4
 51 33.3 31.3 46.9





#13

Acetone

Concen: 2.658 ug/l

RT: 2.652 min Scan# 408

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

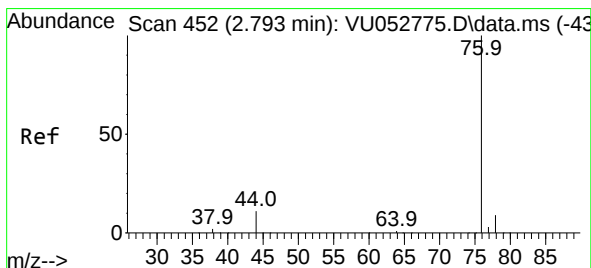
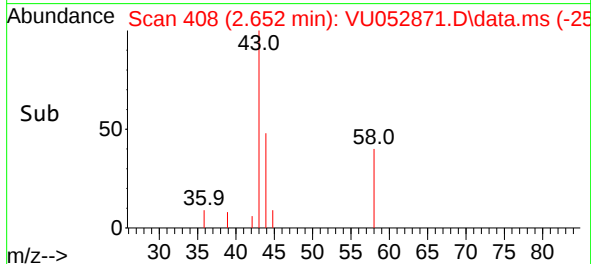
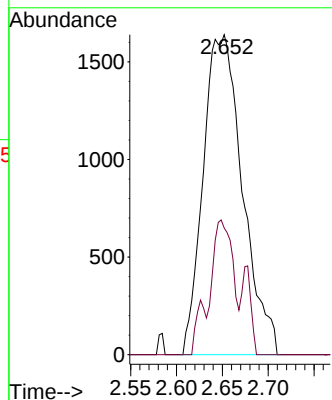
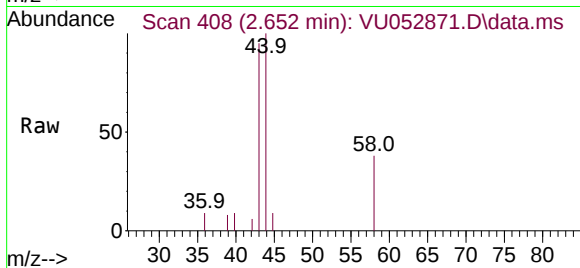
ClientSampleId :

Tgt Ion: 43 Resp: 4885

Ion Ratio Lower Upper

43 100

58 39.6 29.0 43.4



#14

Carbon Disulfide

Concen: 0.468 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052871.D

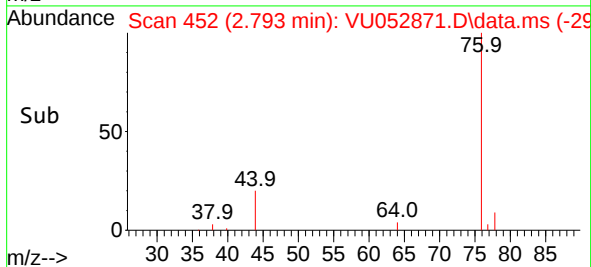
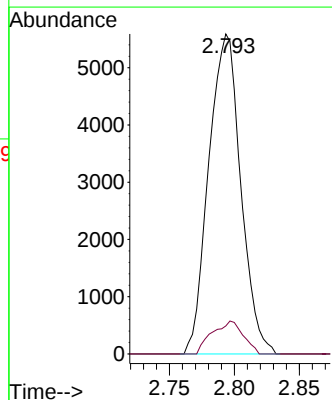
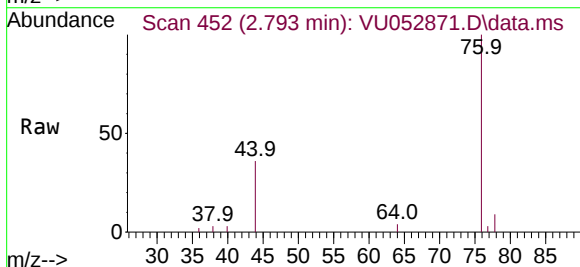
Acq: 30 Jan 2023 18:13

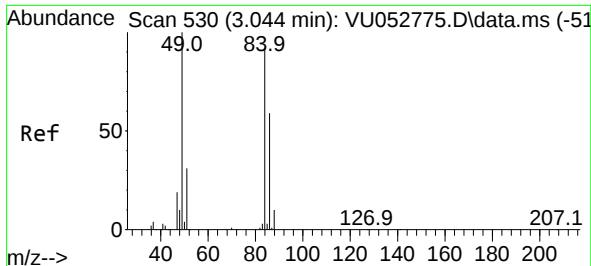
Tgt Ion: 76 Resp: 9582

Ion Ratio Lower Upper

76 100

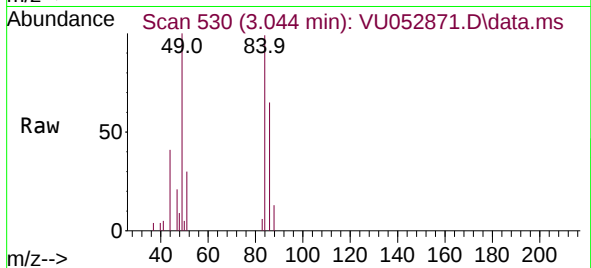
78 8.7 7.1 10.7



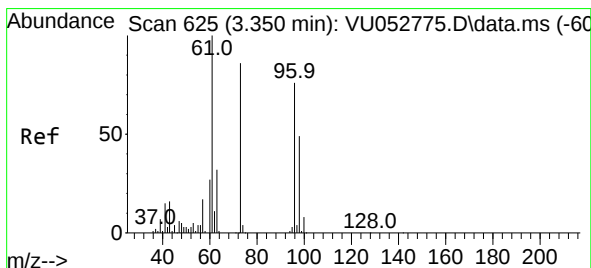
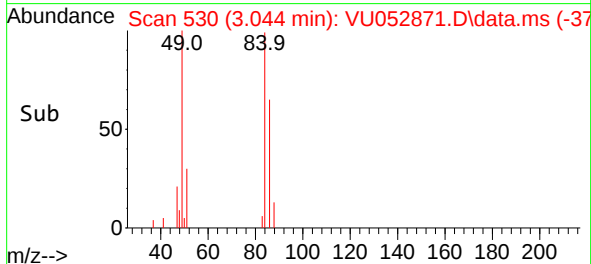
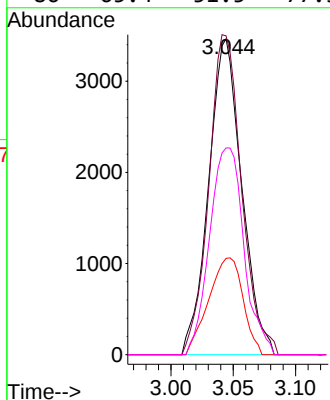


#15
Methylene Chloride
Concen: 0.866 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

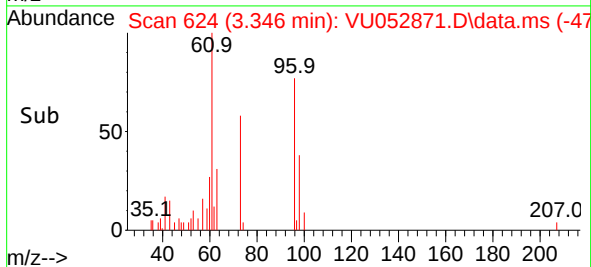
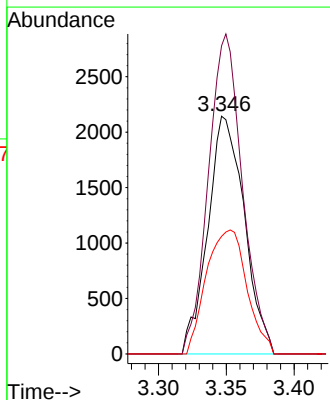
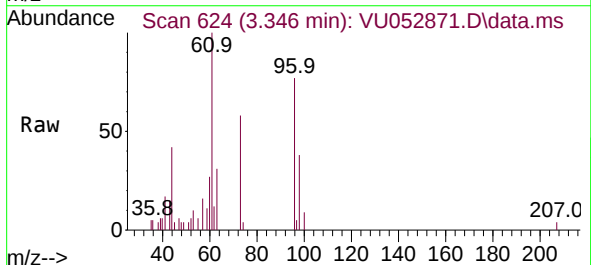


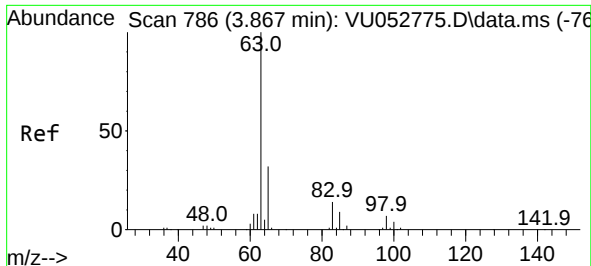
Tgt Ion:	84	Resp:	6395
Ion	Ratio	Lower	Upper
84	100		
49	101.0	86.7	130.1
51	30.5	0.0	66.8
86	65.4	51.5	77.3



#16
trans-1,2-Dichloroethene
Concen: 0.590 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:	96	Resp:	4011
Ion	Ratio	Lower	Upper
96	100		
61	129.6	105.7	158.5
98	49.5	51.4	77.2

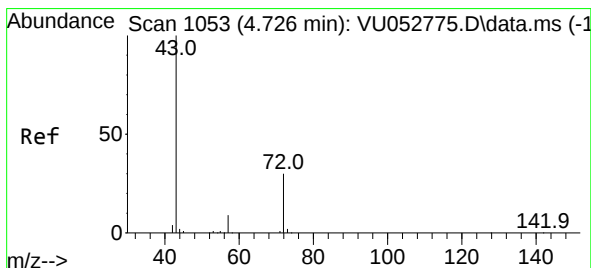
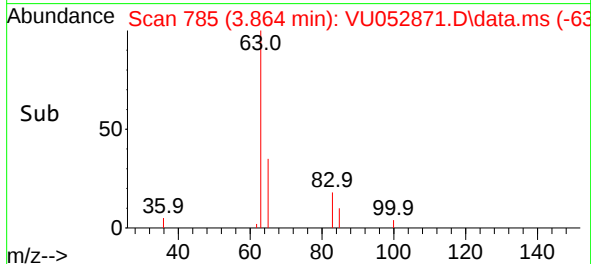
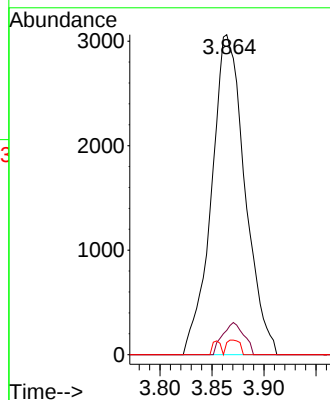
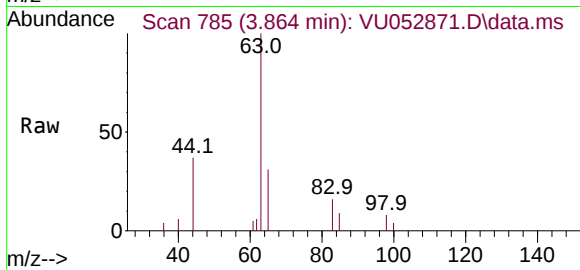




#17
1,1-Dichloroethane
Concen: 0.596 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

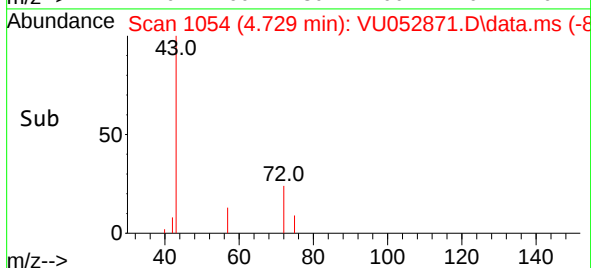
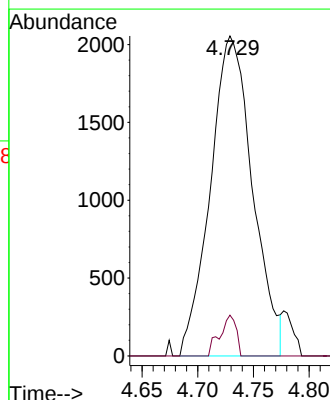
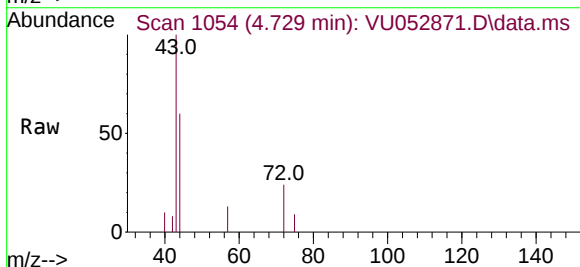
Instrument :
MSVOA_U
ClientSampleId :

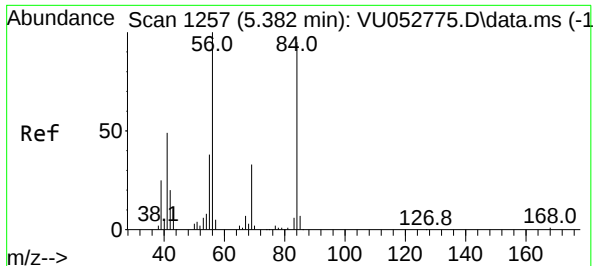
Tgt Ion: 63 Resp: 6847
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 3.8 2.2 6.6



#18
2-Butanone
Concen: 2.538 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 43 Resp: 5418
Ion Ratio Lower Upper
43 100
57 12.7 0.0 17.4





#19

Cyclohexane

Concen: 0.443 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

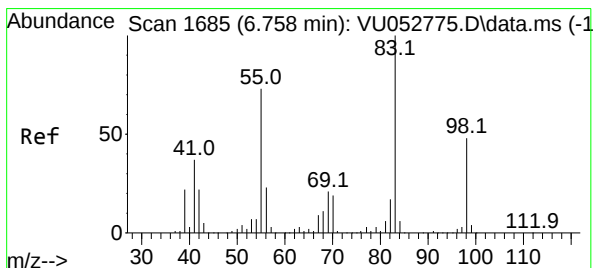
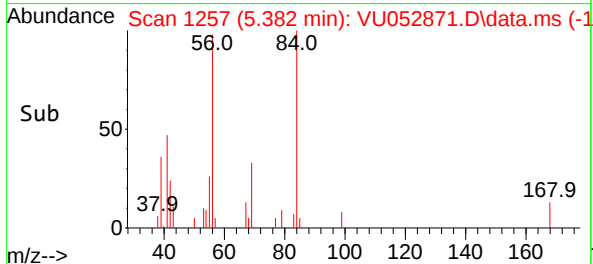
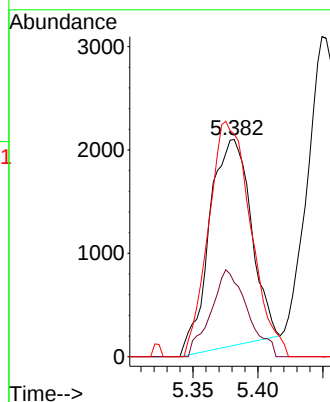
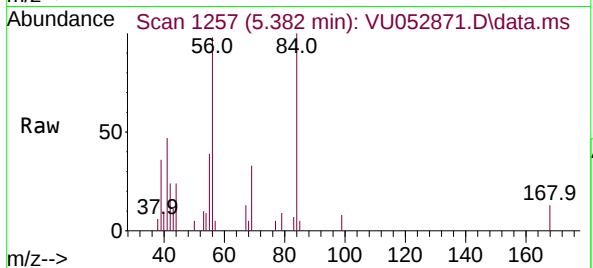
Tgt Ion: 56 Resp: 4478

Ion Ratio Lower Upper

56 100

69 36.7 26.8 40.2

84 114.7 77.0 115.6



#20

Methylcyclohexane

Concen: 0.282 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

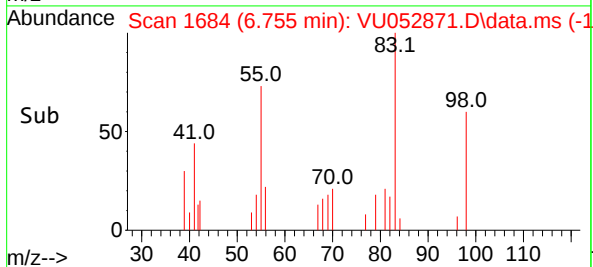
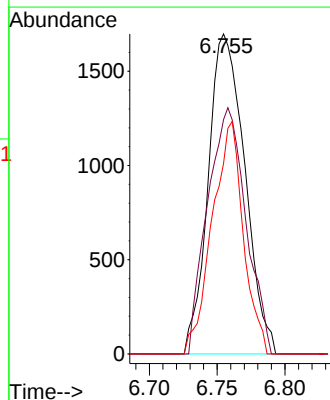
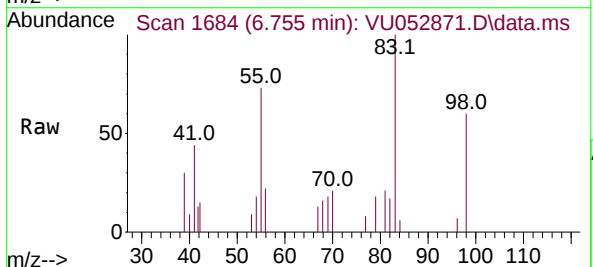
Tgt Ion: 83 Resp: 3180

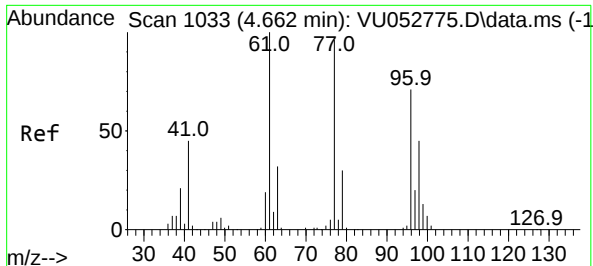
Ion Ratio Lower Upper

83 100

55 81.0 58.7 88.1

98 61.9 39.4 59.2#





#21

2,2-Dichloropropane

Concen: 0.618 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

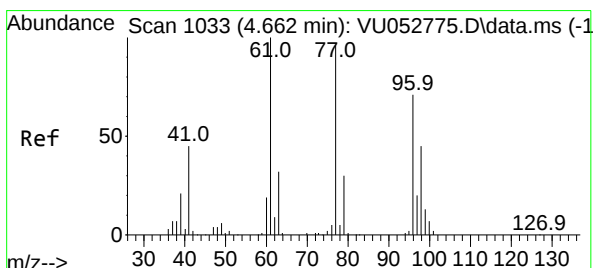
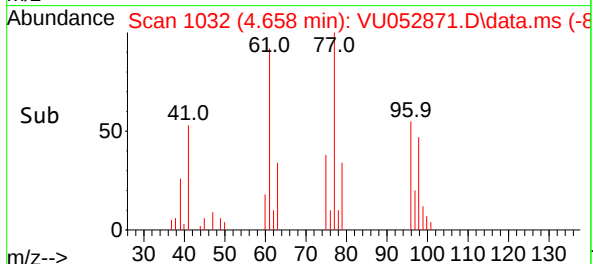
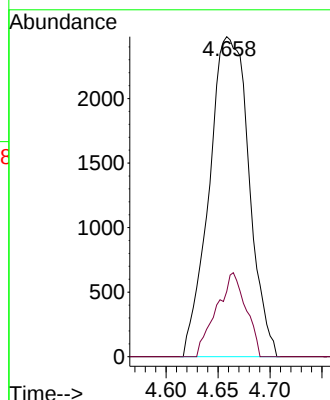
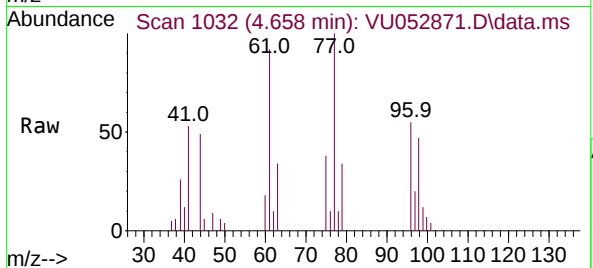
ClientSampleId :

Tgt Ion: 77 Resp: 6593

Ion Ratio Lower Upper

77 100

97 19.5 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 0.506 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

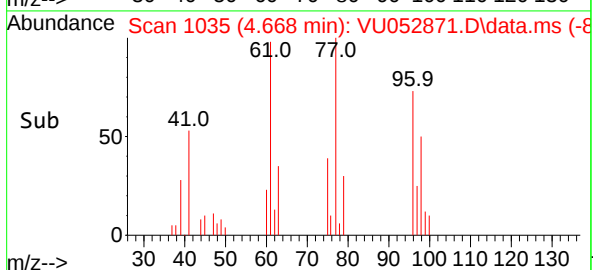
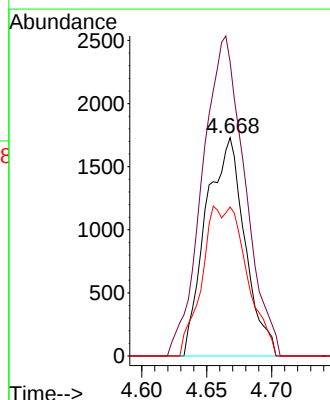
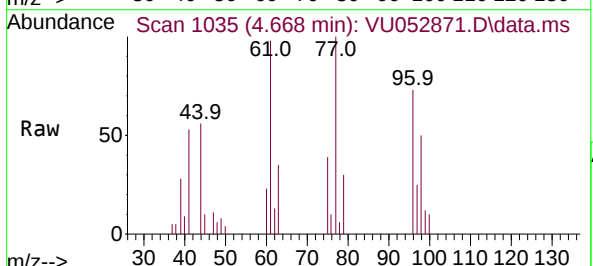
Tgt Ion: 96 Resp: 3594

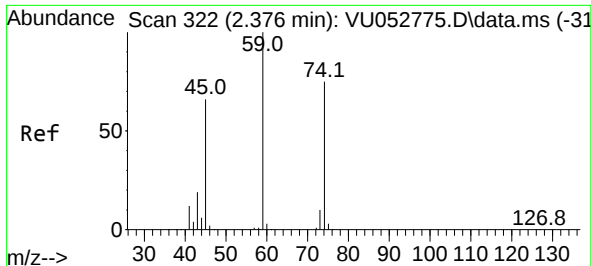
Ion Ratio Lower Upper

96 100

61 160.0 0.0 353.3

98 37.1 32.6 97.7





#23

Diethyl Ether

Concen: 0.540 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

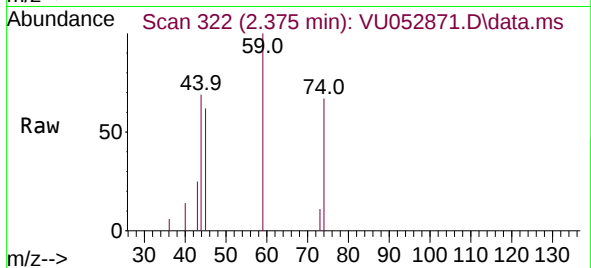
Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :



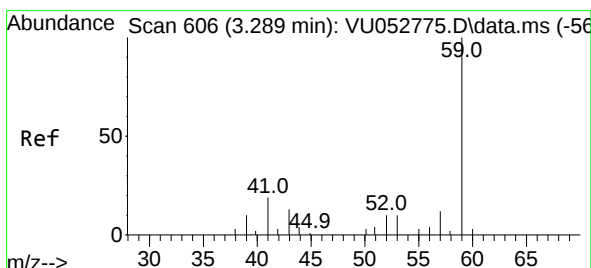
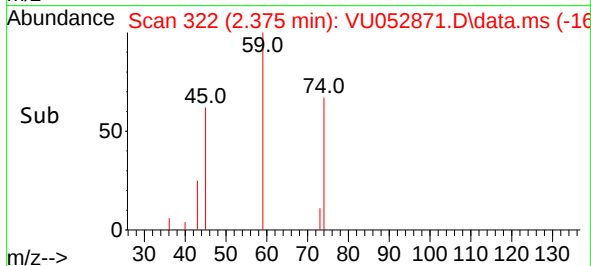
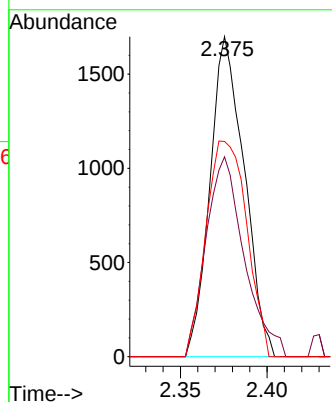
Tgt Ion: 59 Resp: 2331

Ion Ratio Lower Upper

59 100

45 69.8 52.1 78.1

74 80.1 61.6 92.4



#24

tert-Butyl Alcohol

Concen: 1.446 ug/l

RT: 3.263 min Scan# 598

Delta R.T. -0.026 min

Lab File: VU052871.D

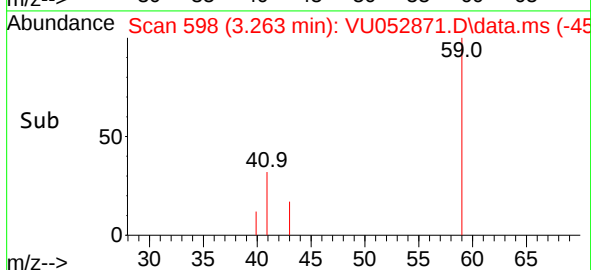
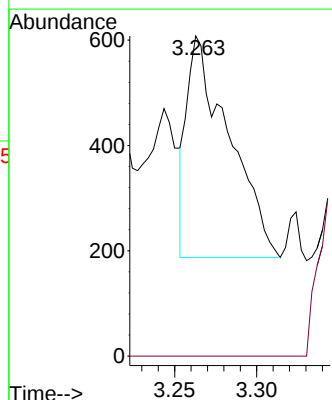
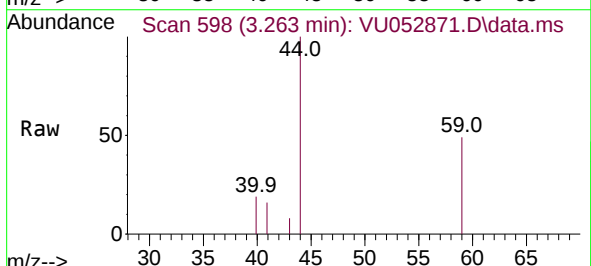
Acq: 30 Jan 2023 18:13

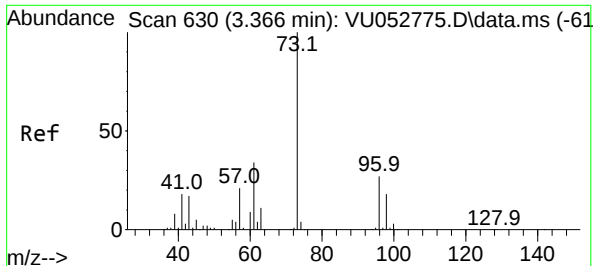
Tgt Ion: 59 Resp: 752

Ion Ratio Lower Upper

59 100

57 0.0 45.8 68.8#

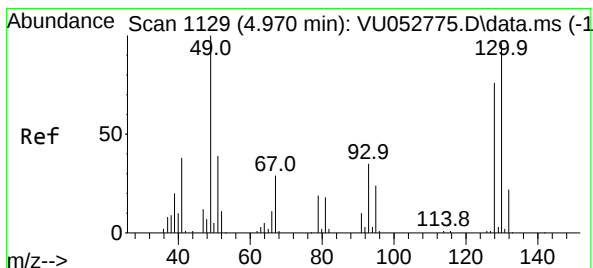
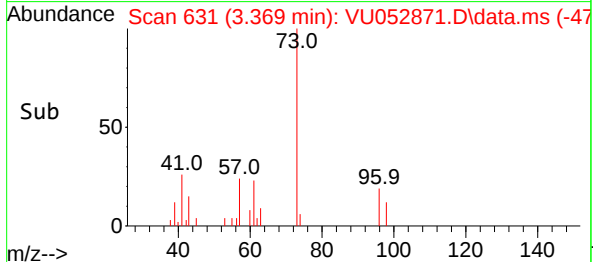
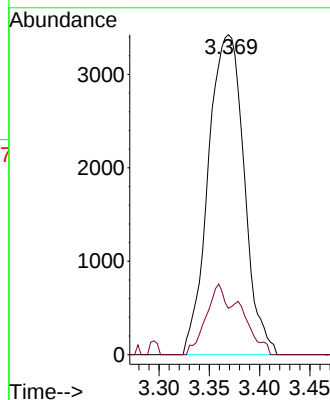
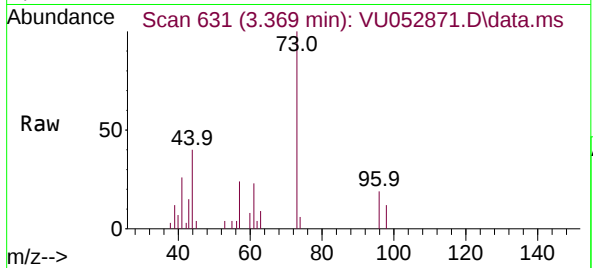




#25
Methyl tert-Butyl Ether
Concen: 0.605 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

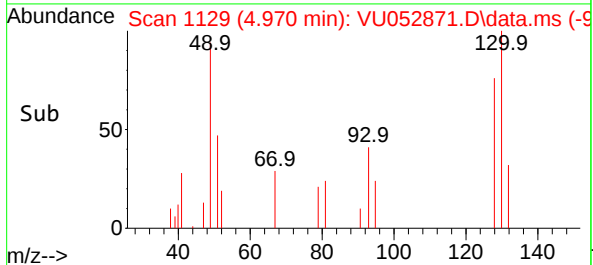
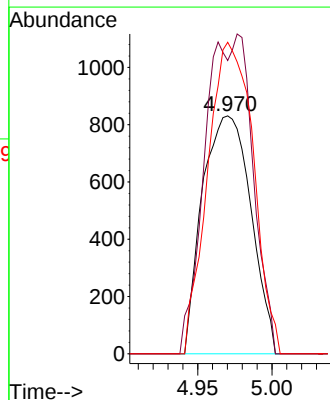
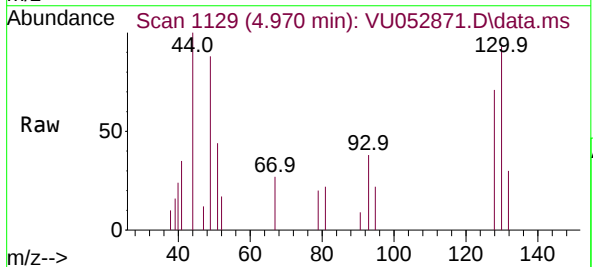
Instrument :
MSVOA_U
ClientSampleId :

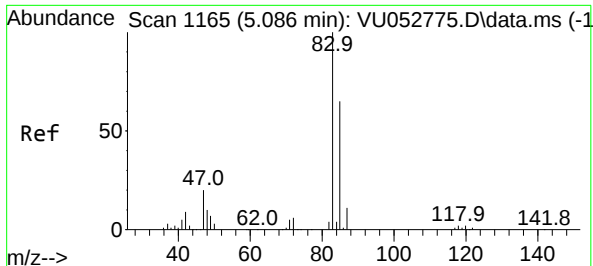
Tgt Ion: 73 Resp: 8482
Ion Ratio Lower Upper
73 100
43 12.6 15.3 22.9#



#26
Bromochloromethane
Concen: 0.568 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:128 Resp: 1886
Ion Ratio Lower Upper
128 100
49 69.1 0.0 265.0
130 123.0 100.7 151.1





#27

Chloroform

Concen: 0.706 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

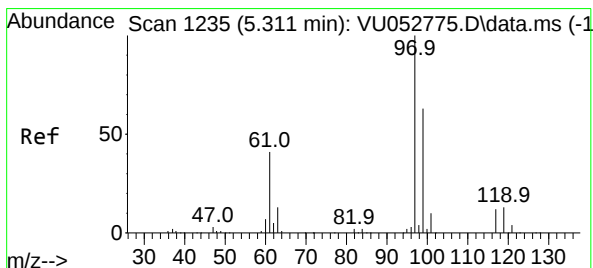
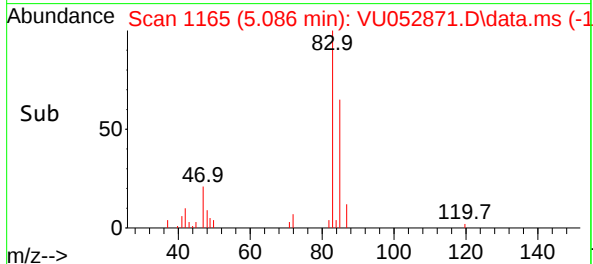
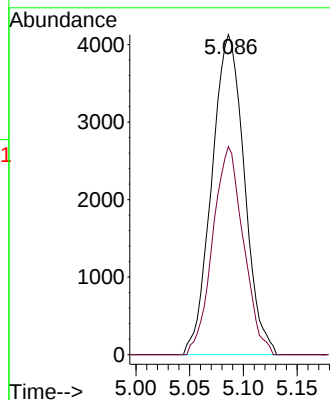
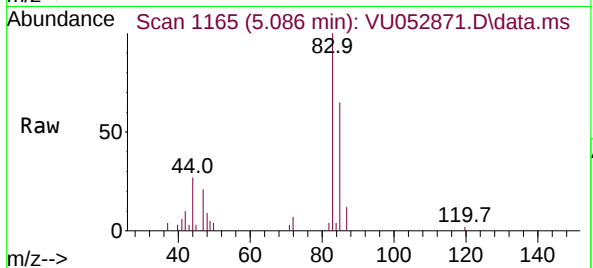
ClientSampleId :

Tgt Ion: 83 Resp: 8684

Ion Ratio Lower Upper

83 100

85 65.0 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 0.622 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

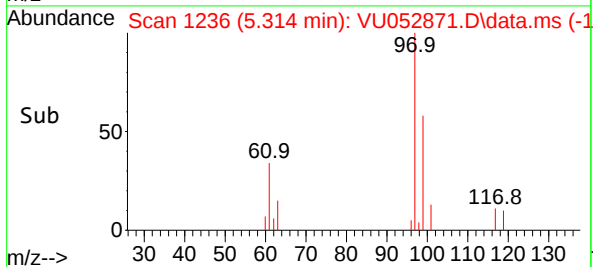
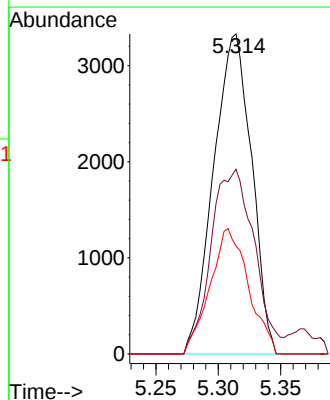
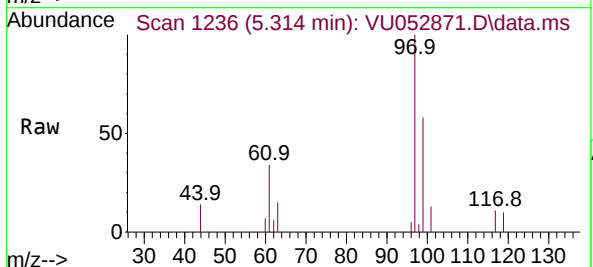
Tgt Ion: 97 Resp: 7067

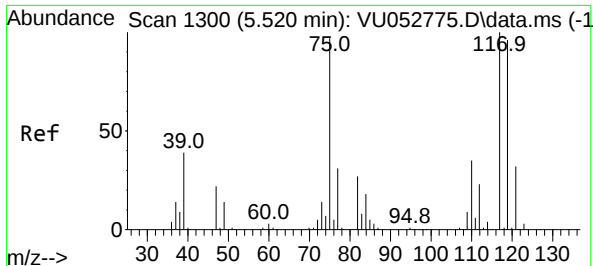
Ion Ratio Lower Upper

97 100

99 66.0 31.9 95.5

61 39.6 20.8 62.2





#29

1,1-Dichloropropene

Concen: 0.476 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

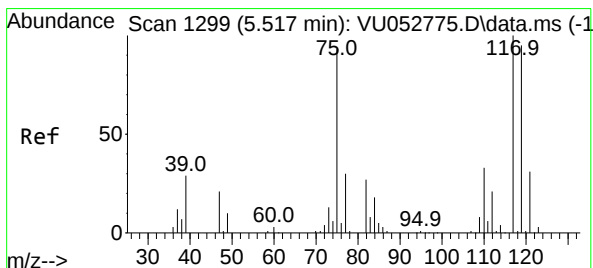
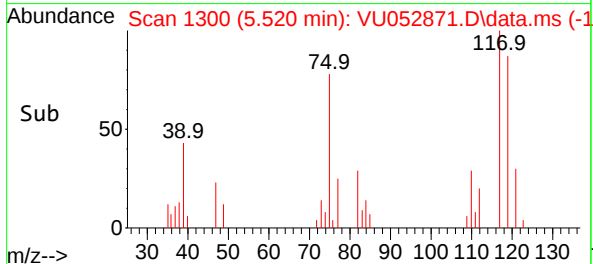
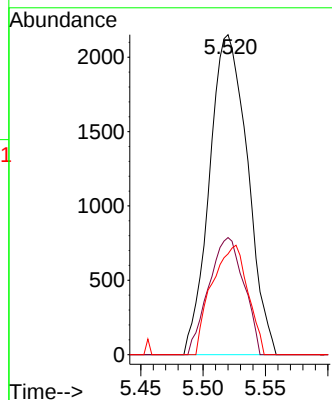
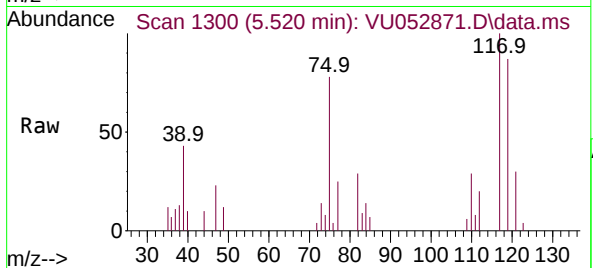
Tgt Ion: 75 Resp: 4563

Ion Ratio Lower Upper

75 100

110 33.9 17.4 52.2

77 32.2 24.8 37.2



#30

Carbon Tetrachloride

Concen: 0.570 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

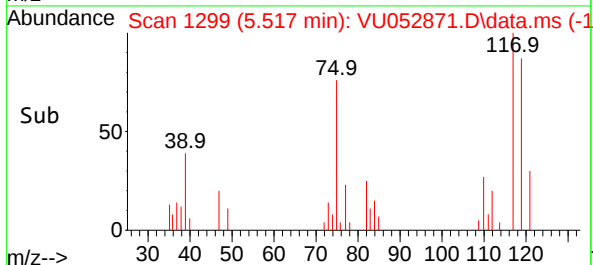
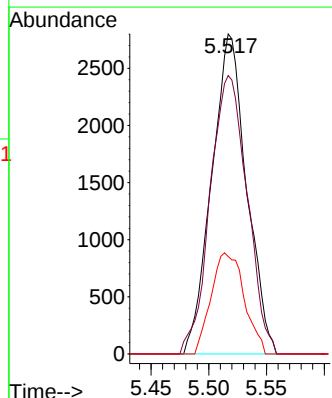
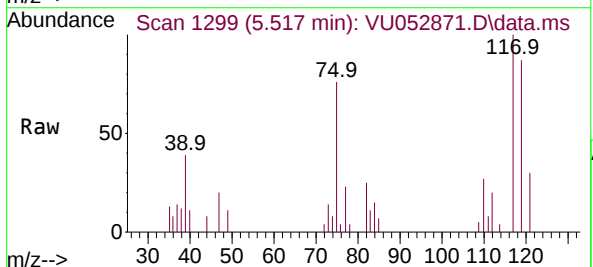
Tgt Ion: 117 Resp: 5882

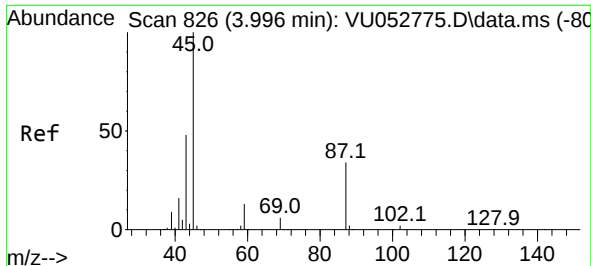
Ion Ratio Lower Upper

117 100

119 87.0 76.4 114.6

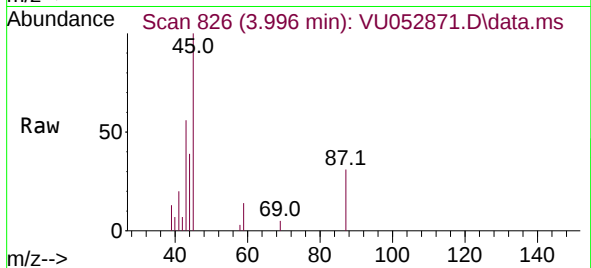
121 30.5 25.0 37.6



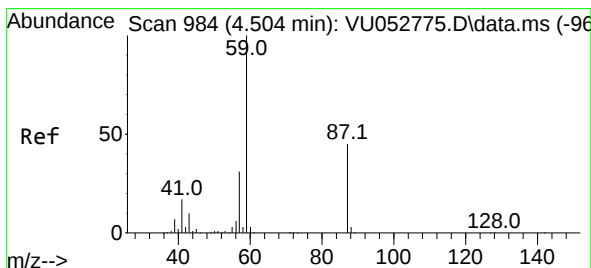
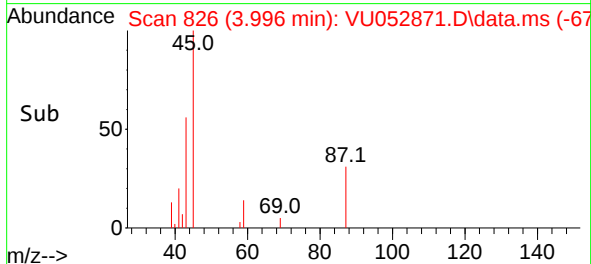
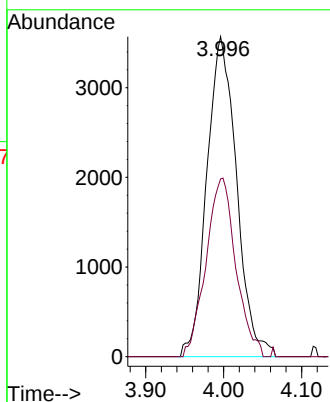


#31
Isopropyl Ether
Concen: 0.572 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

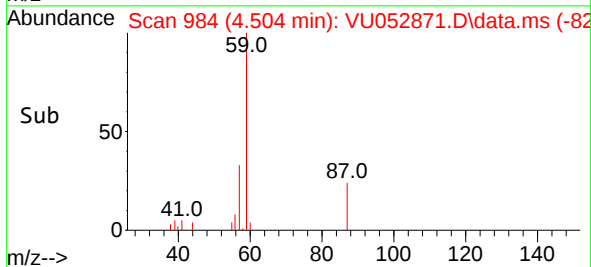
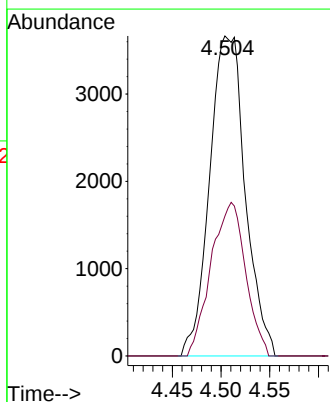
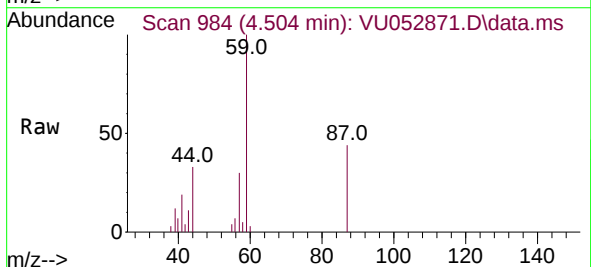


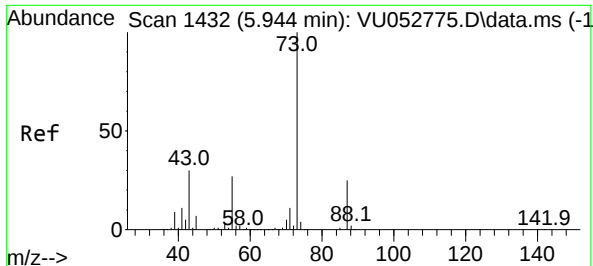
Tgt Ion: 45 Resp: 9447
Ion Ratio Lower Upper
45 100
43 56.0 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 0.606 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

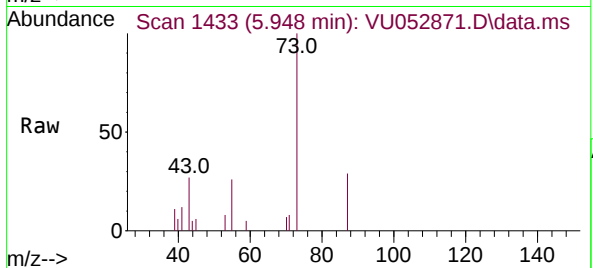
Tgt Ion: 59 Resp: 9339
Ion Ratio Lower Upper
59 100
87 46.5 36.2 54.2



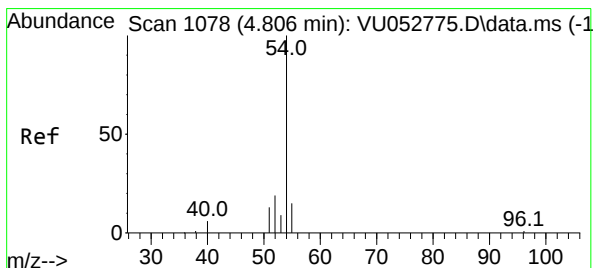
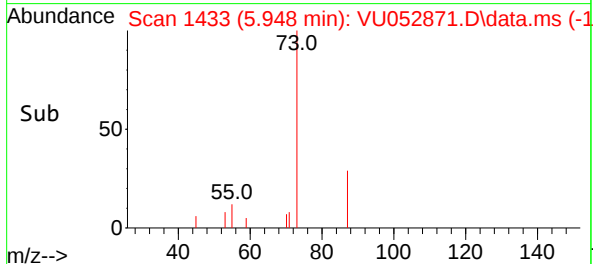
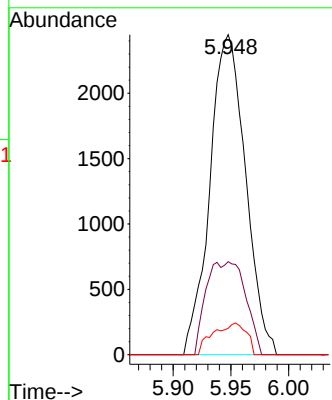


#33
Tert-Amyl methyl ether
Concen: 0.386 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

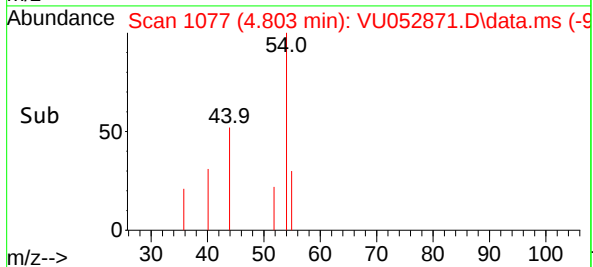
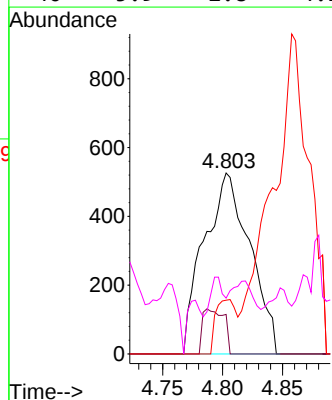
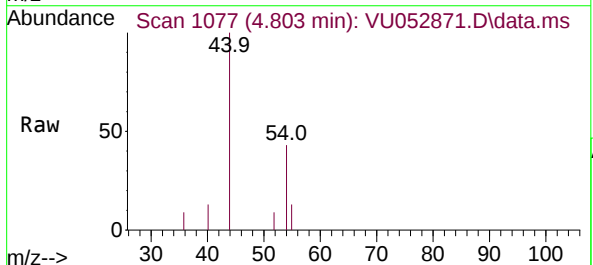


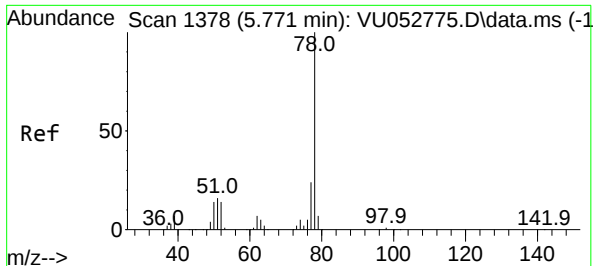
Tgt Ion: 73 Resp: 5260
Ion Ratio Lower Upper
73 100
87 13.6 20.1 30.1#
71 9.2 9.2 13.8



#34
Propionitrile
Concen: 2.860 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 54 Resp: 1398
Ion Ratio Lower Upper
54 100
52 11.5 16.9 25.3#
55 13.3 118.6 178.0#
40 5.9 2.8 4.2#

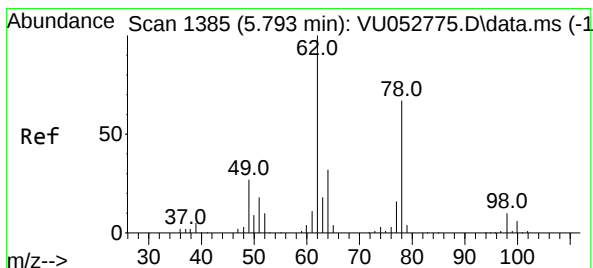
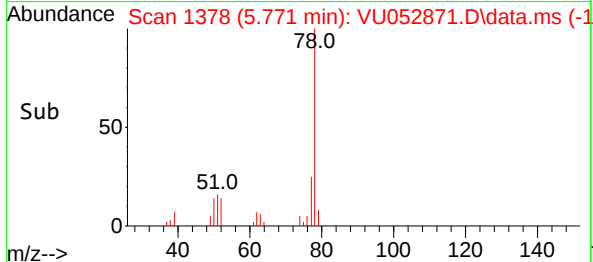
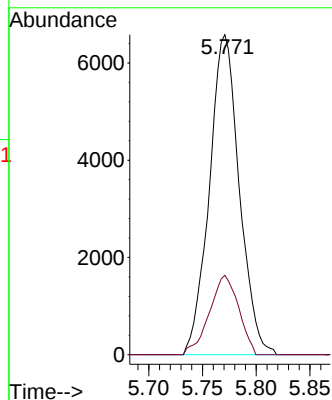
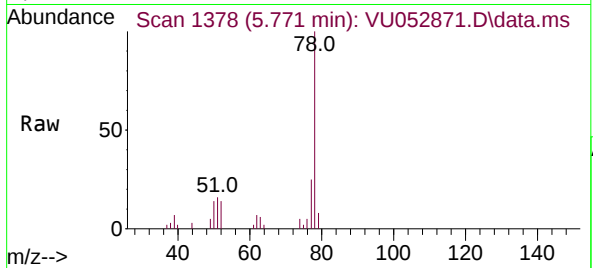




#35
Benzene
Concen: 0.458 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

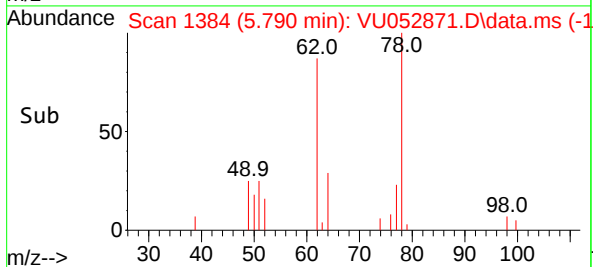
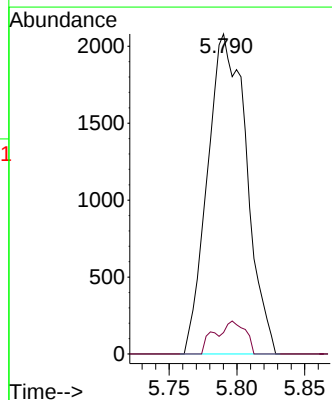
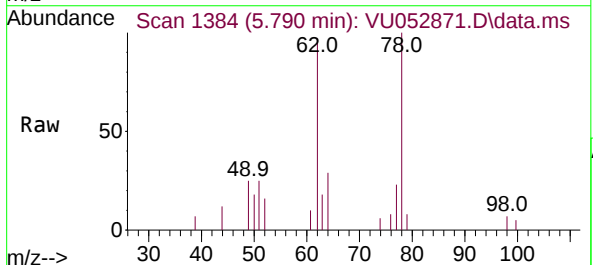
Instrument :
MSVOA_U
ClientSampleId :

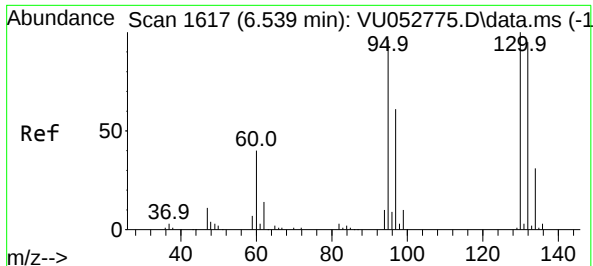
Tgt Ion: 78 Resp: 12747
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.497 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 62 Resp: 4152
Ion Ratio Lower Upper
62 100
98 5.5 7.5 11.3#





#37

Trichloroethene

Concen: 0.502 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

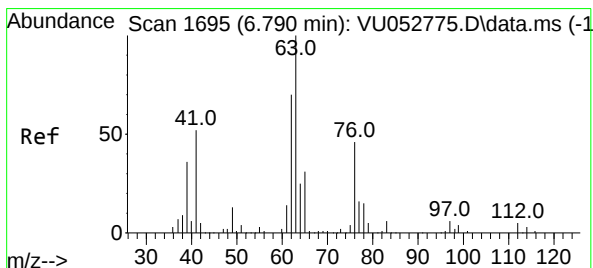
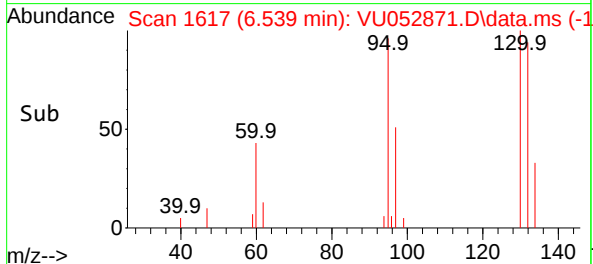
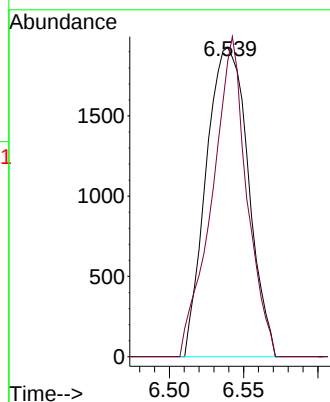
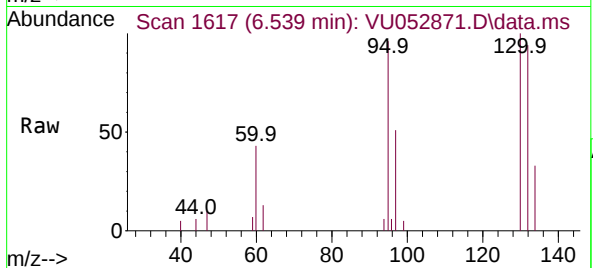
ClientSampleId :

Tgt Ion:130 Resp: 3804

Ion Ratio Lower Upper

130 100

95 95.5 76.6 114.8



#38

1,2-Dichloropropane

Concen: 0.357 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU052871.D

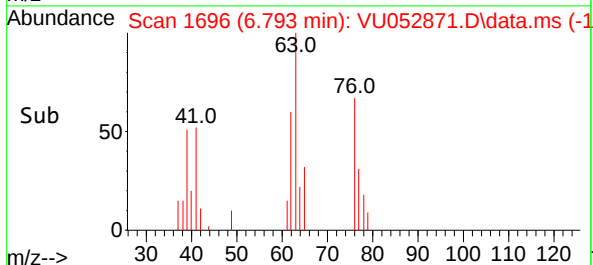
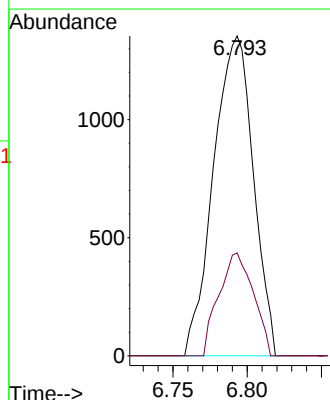
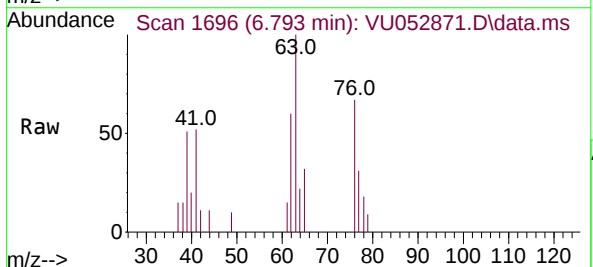
Acq: 30 Jan 2023 18:13

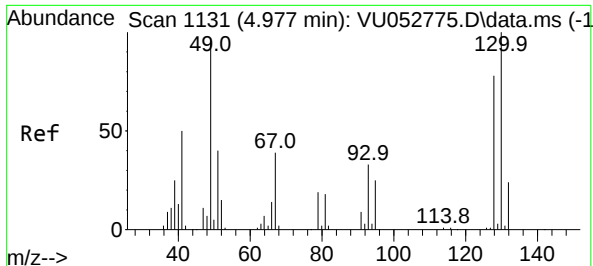
Tgt Ion: 63 Resp: 2520

Ion Ratio Lower Upper

63 100

65 32.2 24.6 36.8





#39

Methacrylonitrile

Concen: 0.591 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

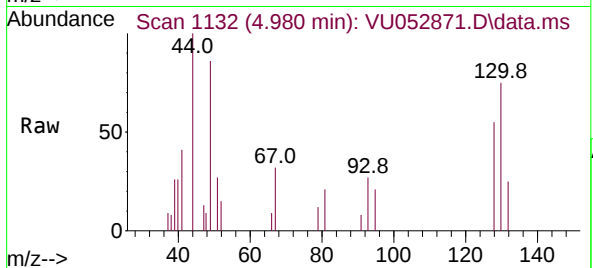
Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1154

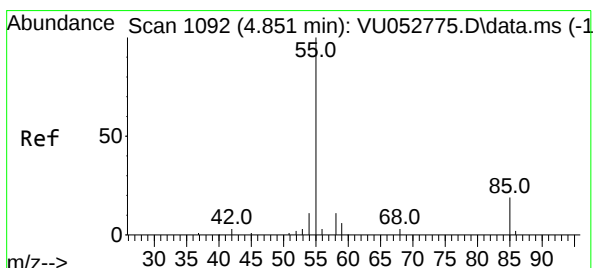
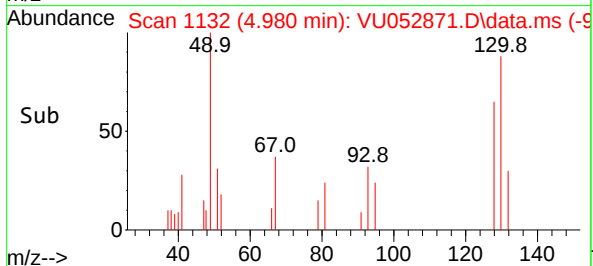
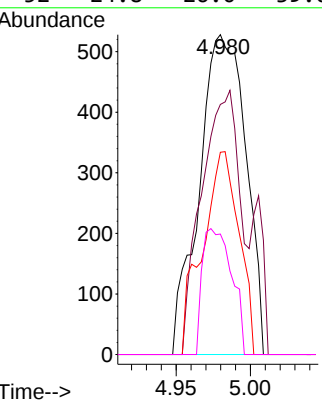
Ion Ratio Lower Upper

41 100

67 68.7 64.9 97.3

39 49.7 41.7 62.5

52 24.8 26.0 39.0#



#40

Methyl acrylate

Concen: 0.582 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Tgt Ion: 55 Resp: 2016

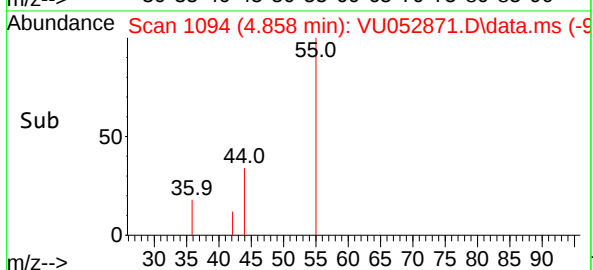
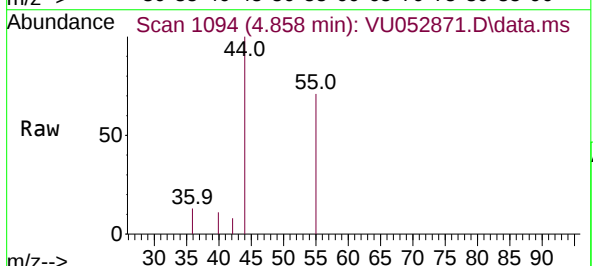
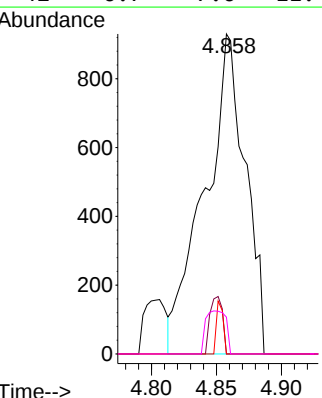
Ion Ratio Lower Upper

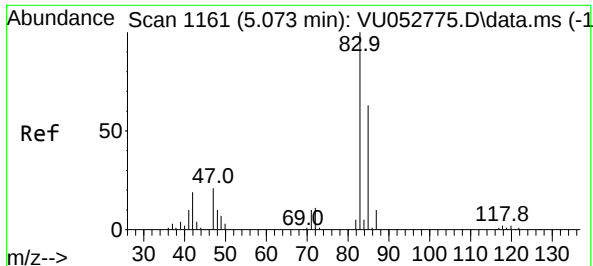
55 100

85 0.0 14.4 21.6#

58 2.7 7.3 10.9#

42 6.7 7.6 11.4#





#41

Tetrahydrofuran

Concen: 1.080 ug/l

RT: 5.079 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU052871.D

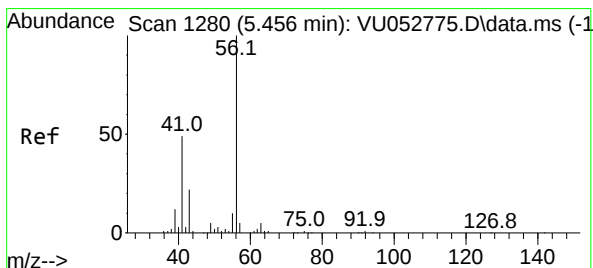
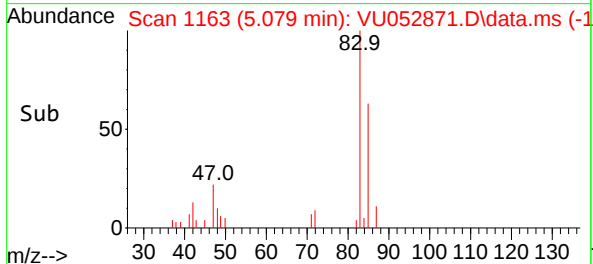
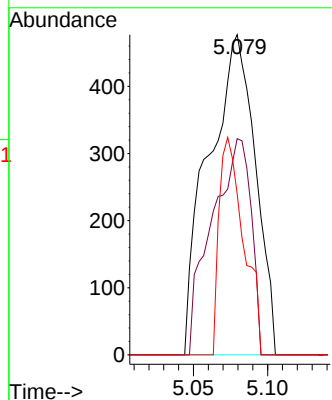
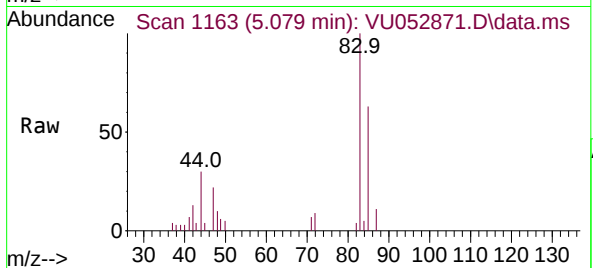
Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1049
Ion	Ratio	Lower	Upper
42	100		
72	56.3	49.1	73.7
71	35.2	43.8	65.6#



#42

1-Chlorobutane

Concen: 0.527 ug/l

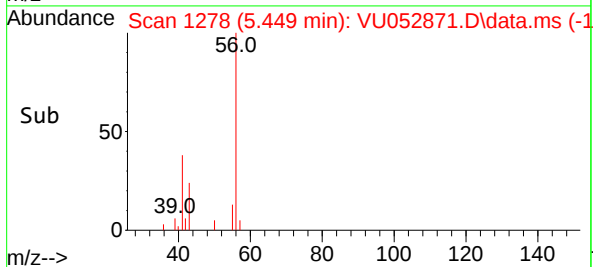
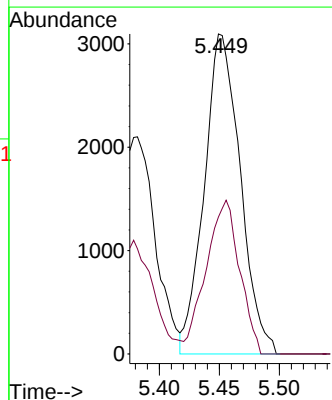
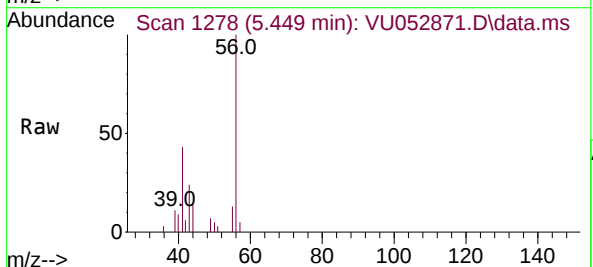
RT: 5.449 min Scan# 1278

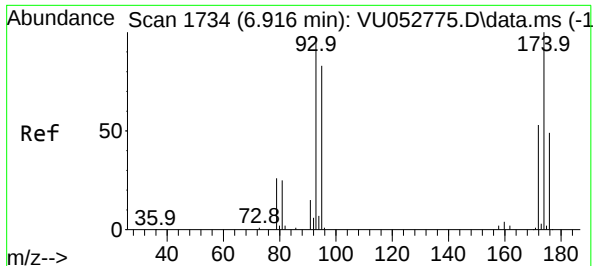
Delta R.T. -0.007 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

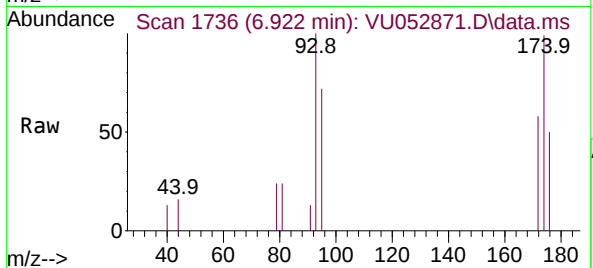
Tgt Ion:	56	Resp:	6453
Ion	Ratio	Lower	Upper
56	100		
41	44.8	24.5	73.5





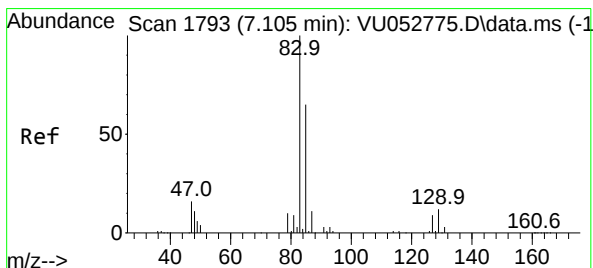
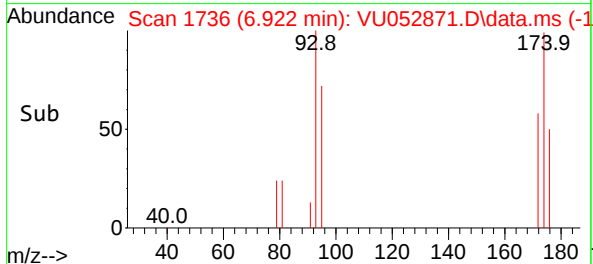
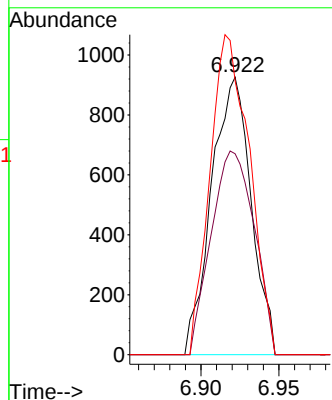
#43
Dibromomethane
Concen: 0.458 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 1634

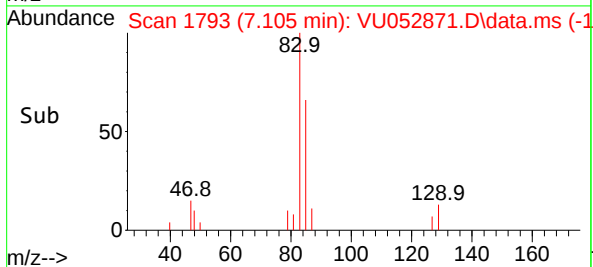
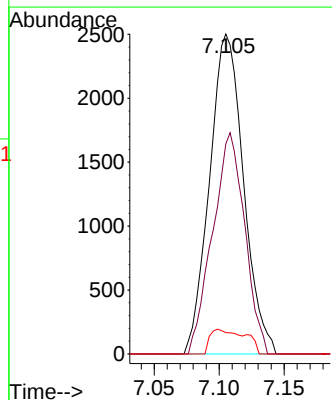
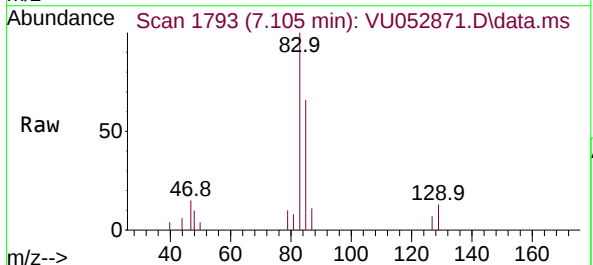
Ion	Ratio	Lower	Upper
93	100		
95	80.2	67.0	100.6
174	115.1	82.2	123.4

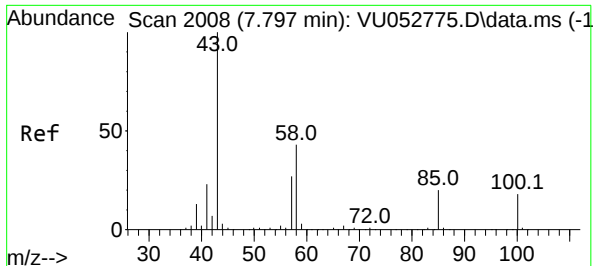


#44
Bromodichloromethane
Concen: 0.470 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 83 Resp: 4549

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.1	78.1
127	6.7	7.2	10.8





#45

4-Methyl-2-Pentanone

Concen: 1.385 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU052871.D

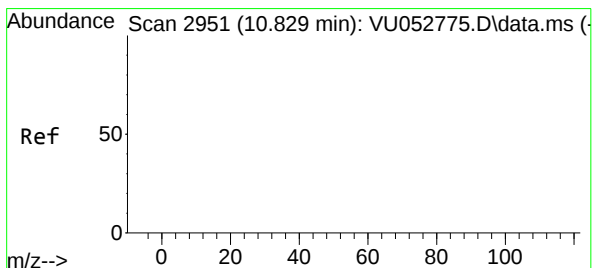
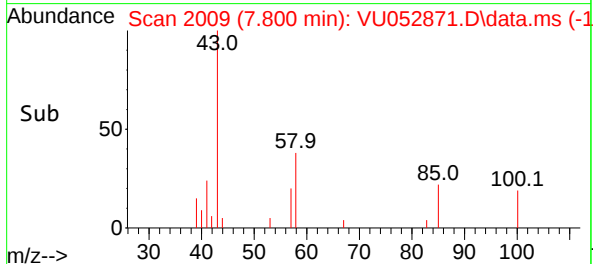
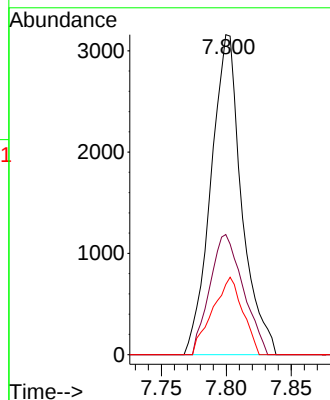
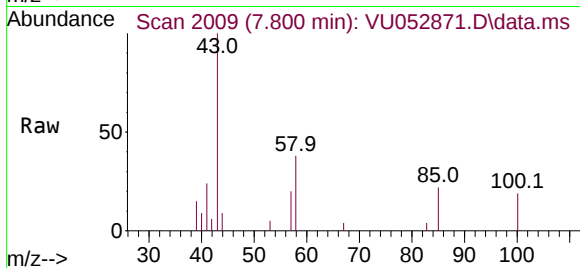
Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	5195
Ion	Ratio	Lower	Upper
43	100		
58	40.8	21.7	65.1
85	23.8	16.2	24.4



#46

t-1,4-Dichloro-2-butene

Concen: 1.560 ug/l

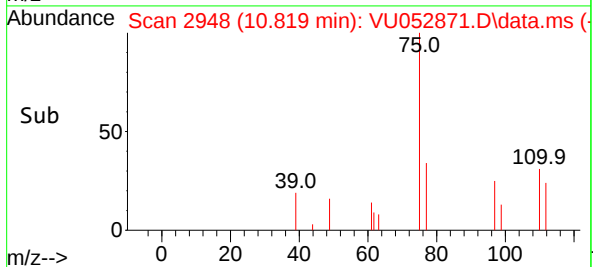
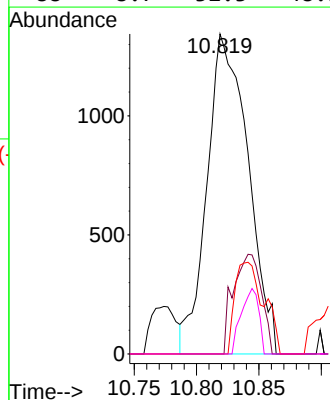
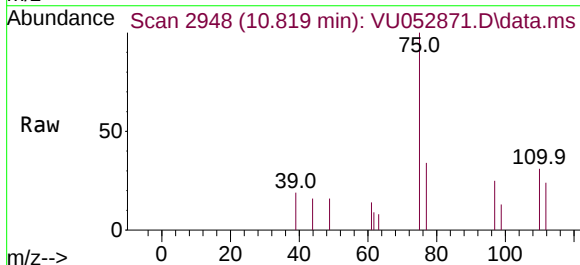
RT: 10.819 min Scan# 2948

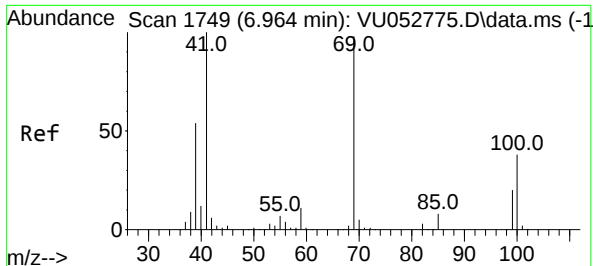
Delta R.T. -0.010 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Tgt Ion:	75	Resp:	3069
Ion	Ratio	Lower	Upper
75	100		
53	21.2	57.0	85.4#
89	20.2	41.1	61.7#
88	8.7	32.3	48.5#





#47

Methyl methacrylate

Concen: 0.534 ug/l

RT: 6.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 1695

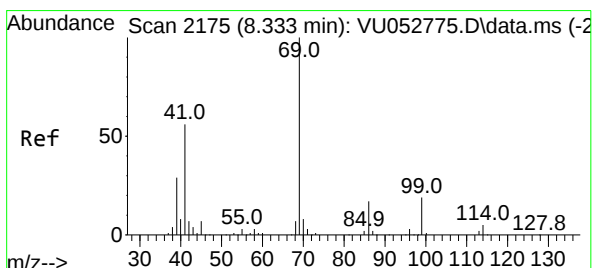
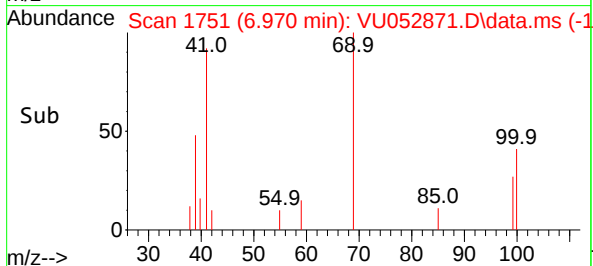
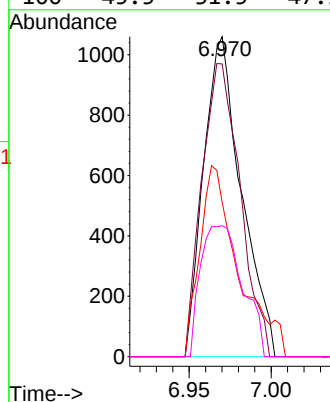
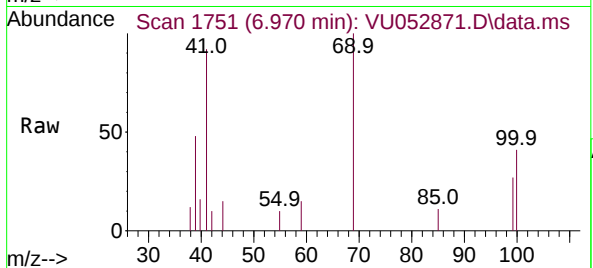
Ion Ratio Lower Upper

69 100

41 92.7 0.0 201.8

39 61.1 44.0 66.0

100 45.5 31.5 47.3



#48

Ethyl methacrylate

Concen: 0.296 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.006 min

Lab File: VU052871.D

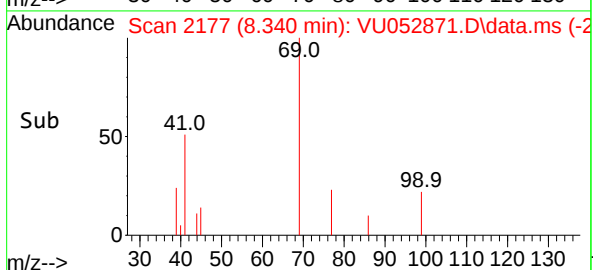
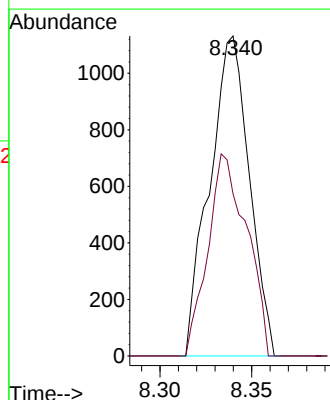
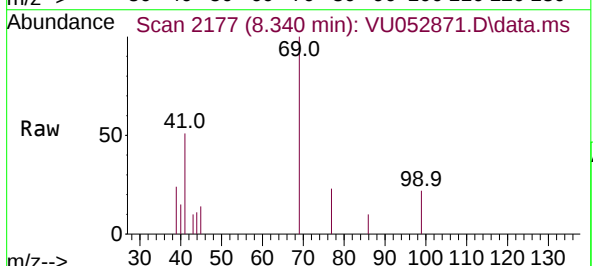
Acq: 30 Jan 2023 18:13

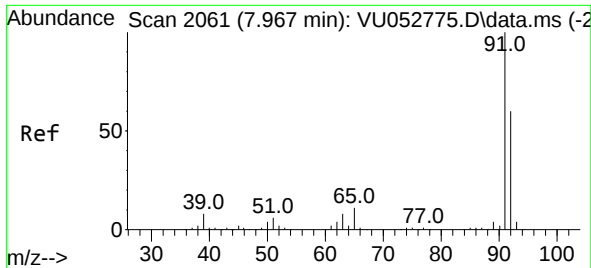
Tgt Ion: 69 Resp: 1702

Ion Ratio Lower Upper

69 100

41 61.9 28.1 84.4





#49

Toluene

Concen: 0.354 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

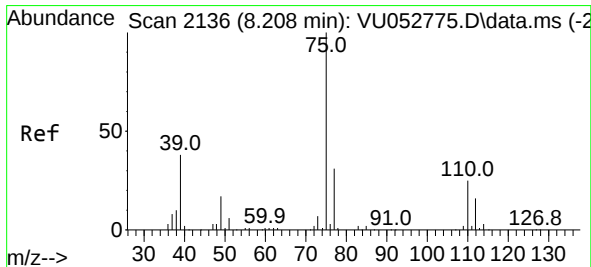
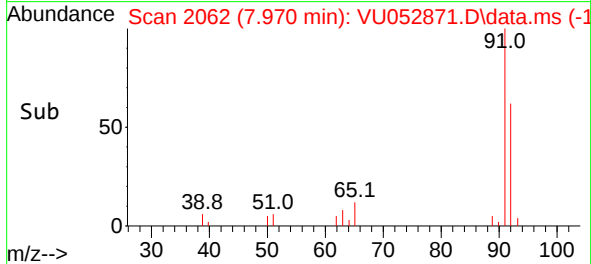
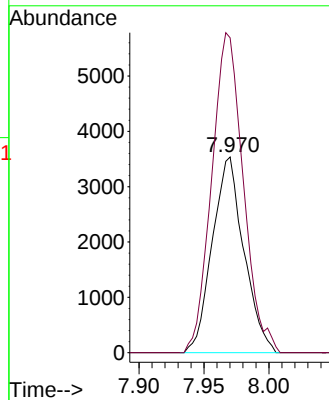
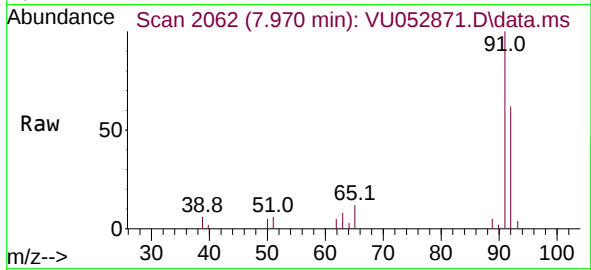
ClientSampleId :

Tgt Ion: 92 Resp: 5970

Ion Ratio Lower Upper

92 100

91 163.5 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 0.334 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052871.D

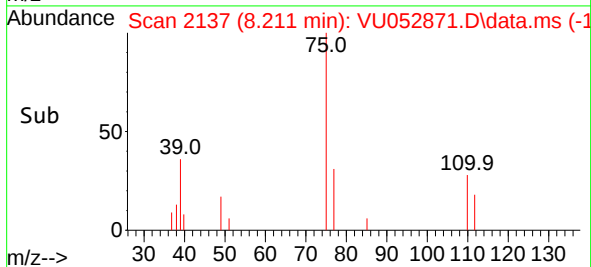
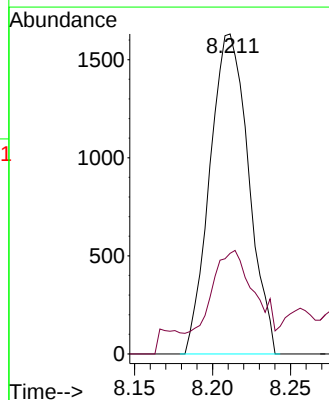
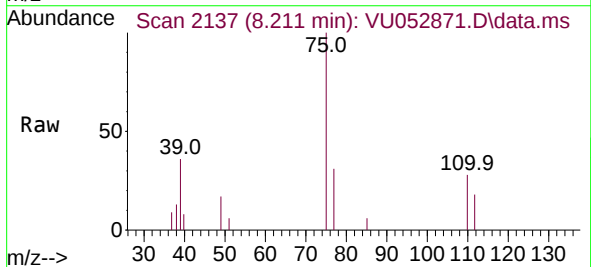
Acq: 30 Jan 2023 18:13

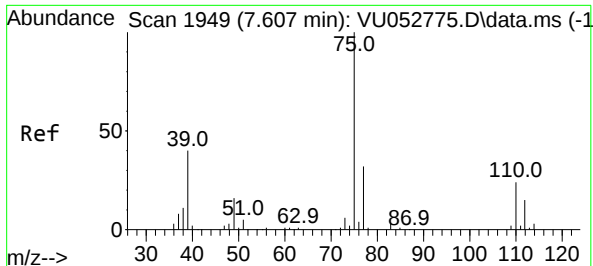
Tgt Ion: 75 Resp: 2818

Ion Ratio Lower Upper

75 100

77 24.8 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 0.347 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

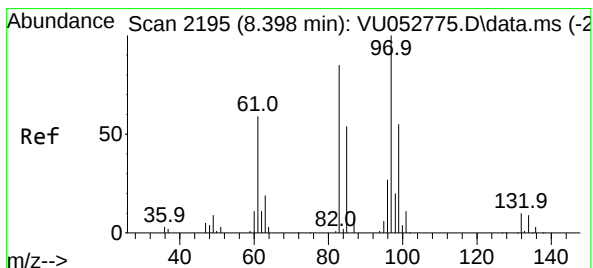
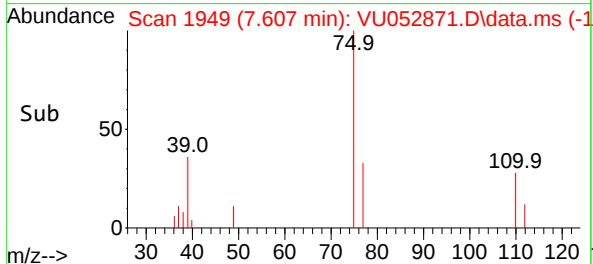
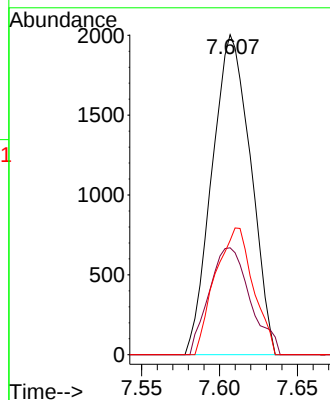
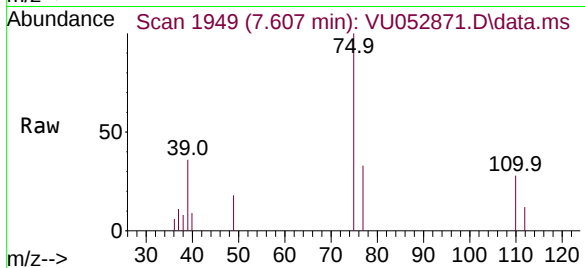
Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3

39 35.7 32.3 48.5



#52

1,1,2-Trichloroethane

Concen: 0.440 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Tgt Ion: 97 Resp: 2234

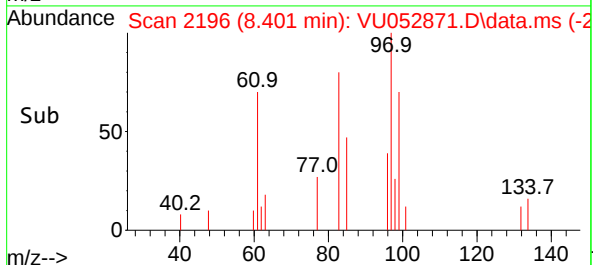
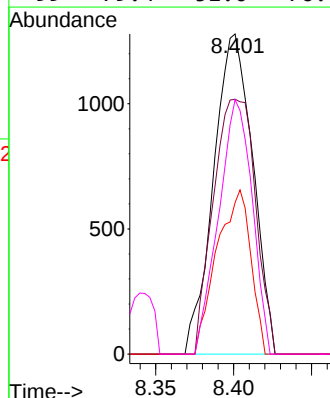
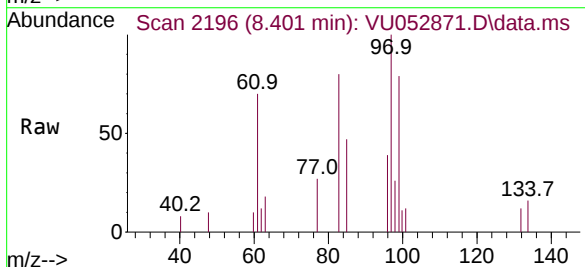
Ion Ratio Lower Upper

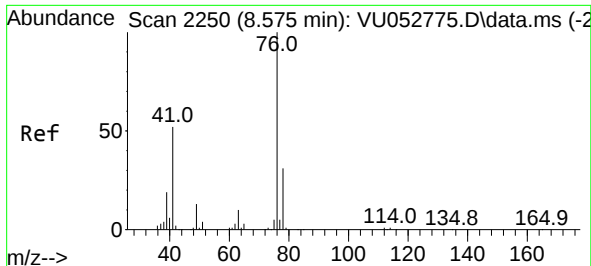
97 100

83 79.6 68.2 102.2

85 47.3 44.5 66.7

99 79.4 51.0 76.4





#53

1,3-Dichloropropane

Concen: 0.392 ug/l

RT: 8.575 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

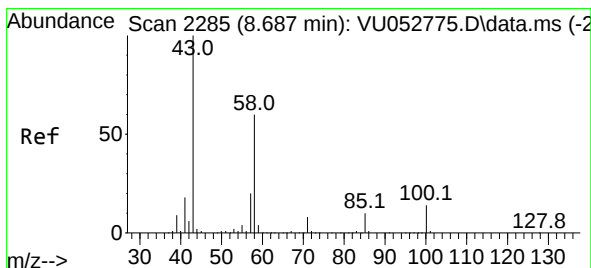
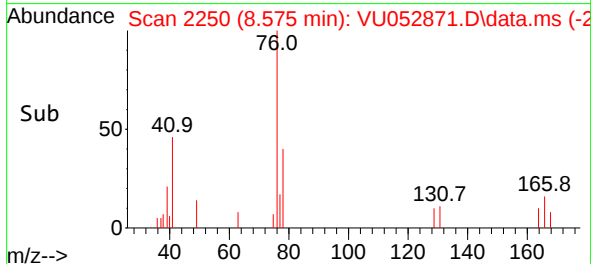
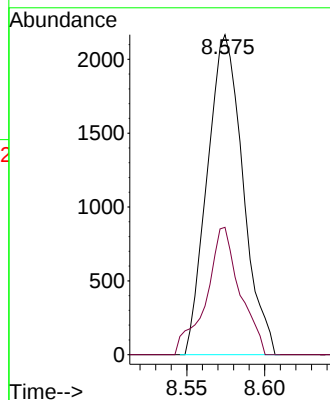
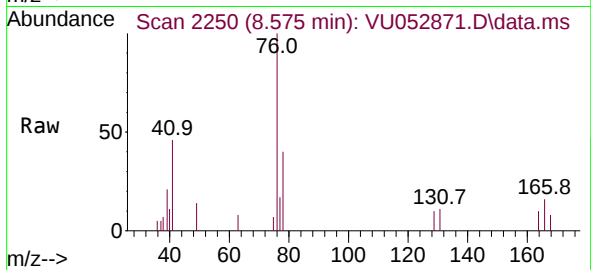
ClientSampleId :

Tgt Ion: 76 Resp: 3443

Ion Ratio Lower Upper

76 100

78 37.6 25.2 37.8



#54

2-Hexanone

Concen: 1.214 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

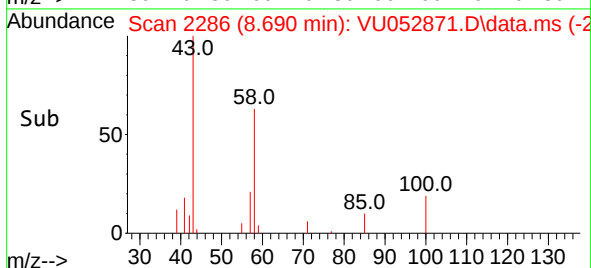
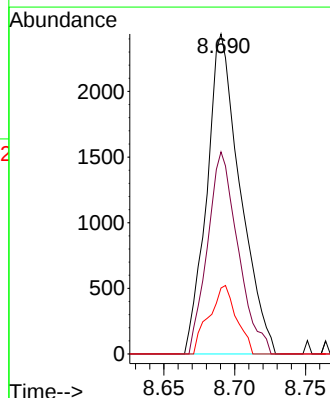
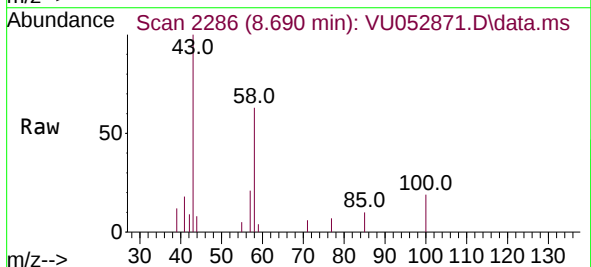
Tgt Ion: 43 Resp: 3984

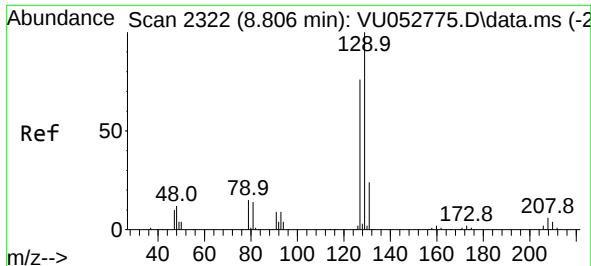
Ion Ratio Lower Upper

43 100

58 57.9 40.0 80.0

57 17.6 0.6 40.6

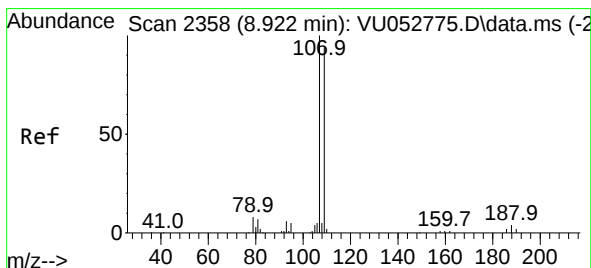
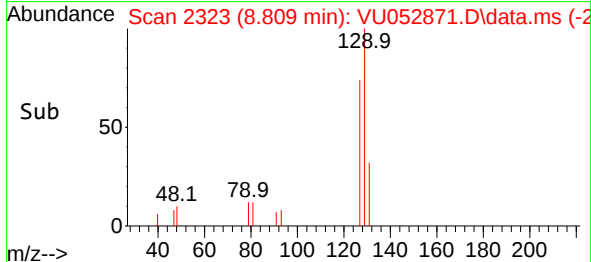
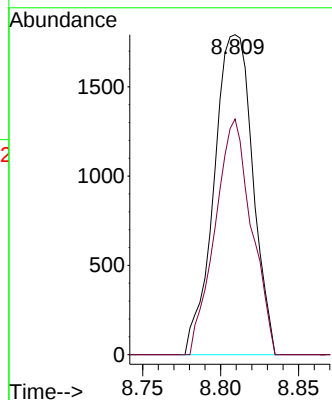
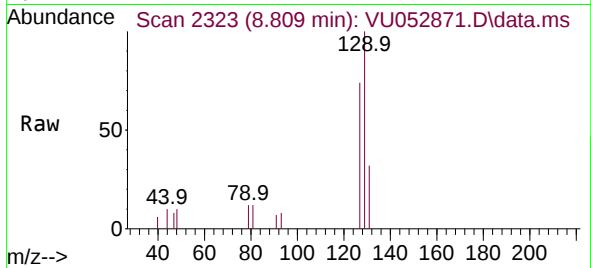




#55
Dibromochloromethane
Concen: 0.466 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

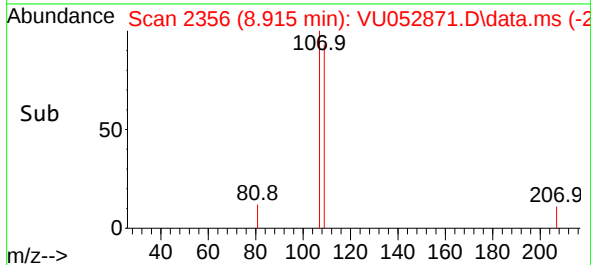
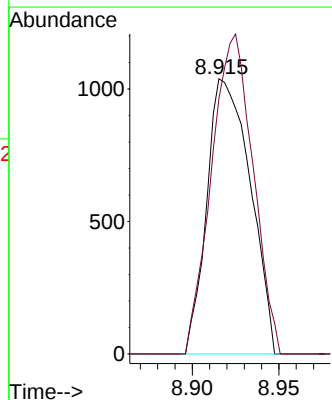
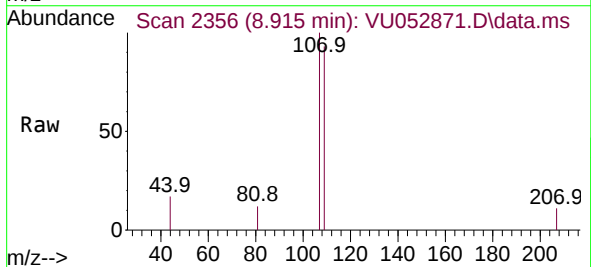
Instrument :
MSVOA_U
ClientSampleId :

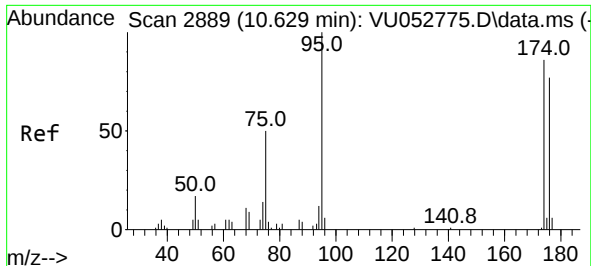
Tgt Ion:129 Resp: 3096
Ion Ratio Lower Upper
129 100
127 69.4 61.5 92.3



#56
1,2-Dibromoethane
Concen: 0.374 ug/l
RT: 8.915 min Scan# 2356
Delta R.T. -0.007 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:107 Resp: 1807
Ion Ratio Lower Upper
107 100
109 111.5 0.0 190.4

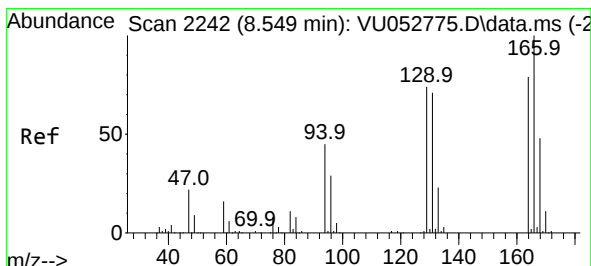
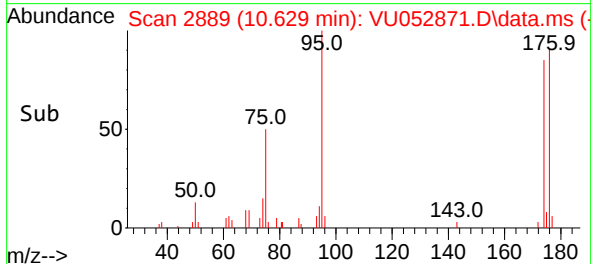
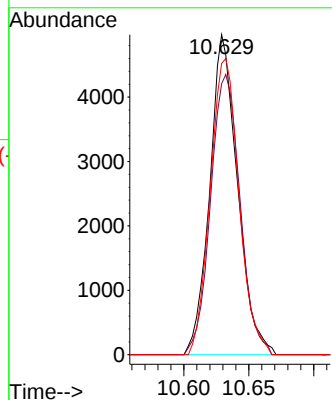
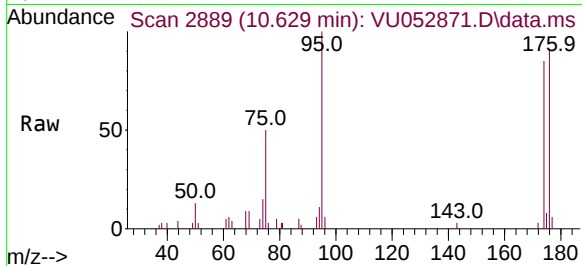




#57
4-Bromofluorobenzene
Concen: 0.849 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

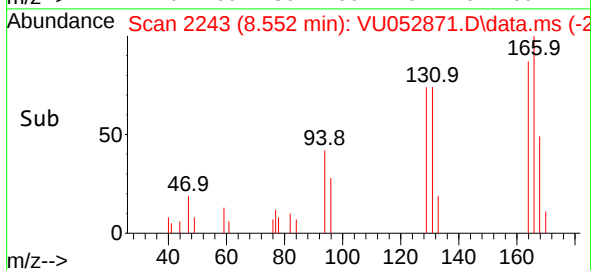
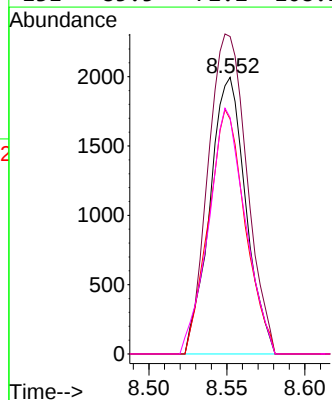
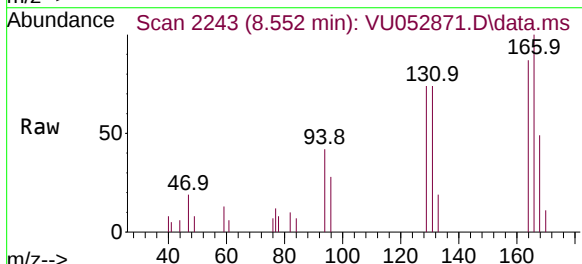
Instrument :
MSVOA_U
ClientSampleId :

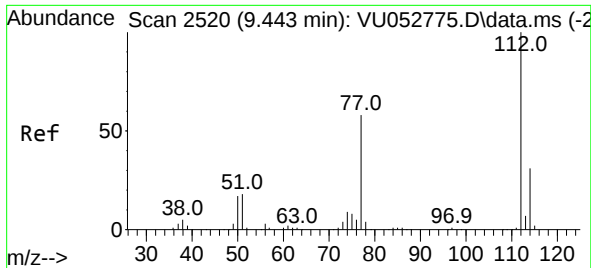
Tgt Ion: 95 Resp: 7399
Ion Ratio Lower Upper
95 100
174 92.4 66.9 100.3
176 95.6 61.9 92.9#



#58
Tetrachloroethene
Concen: 0.467 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 164 Resp: 3192
Ion Ratio Lower Upper
164 100
166 114.7 101.5 152.3
129 84.9 75.2 112.8
131 85.5 72.2 108.2

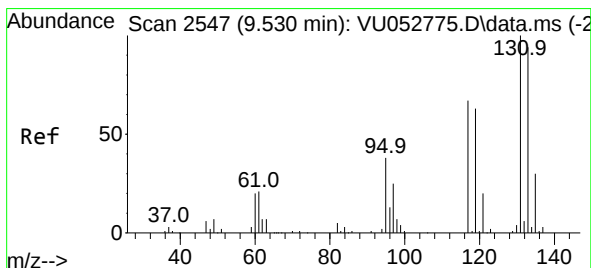
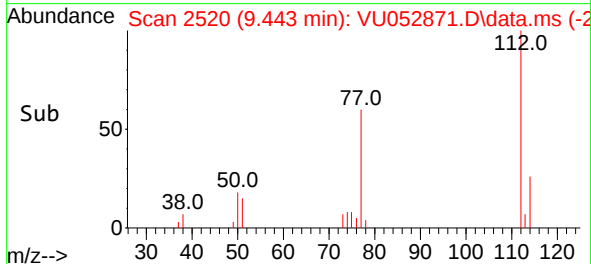
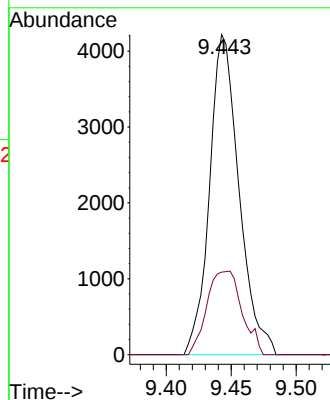
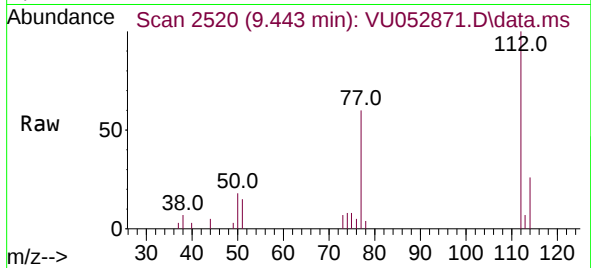




#59
Chlorobenzene
Concen: 0.362 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

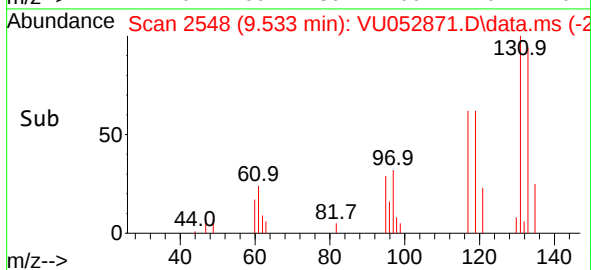
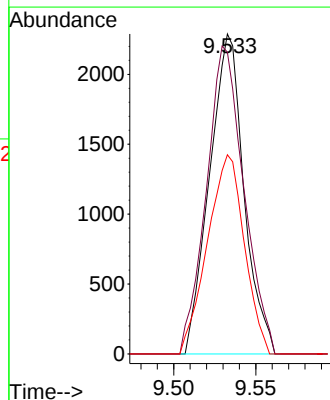
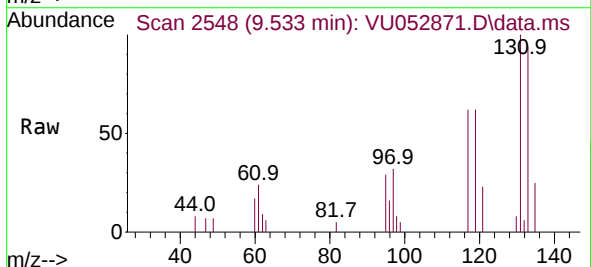
Instrument :
MSVOA_U
ClientSampleId :

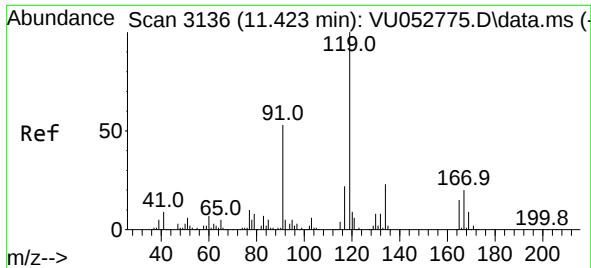
Tgt Ion:112 Resp: 6646
Ion Ratio Lower Upper
112 100
114 25.8 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:131 Resp: 3327
Ion Ratio Lower Upper
131 100
133 104.9 77.2 115.8
119 66.8 50.8 76.2

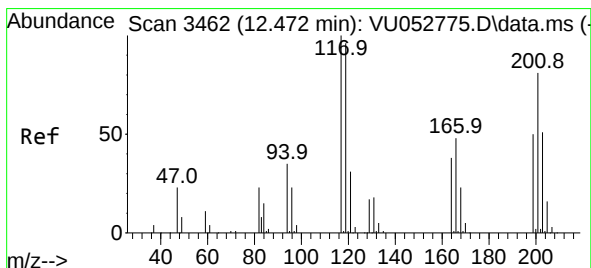
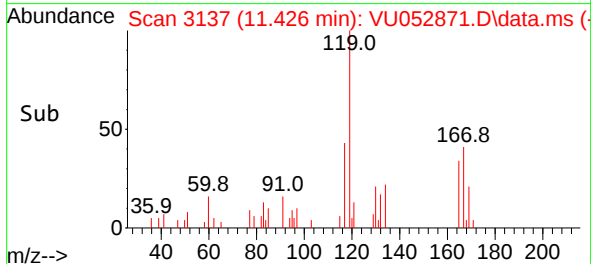
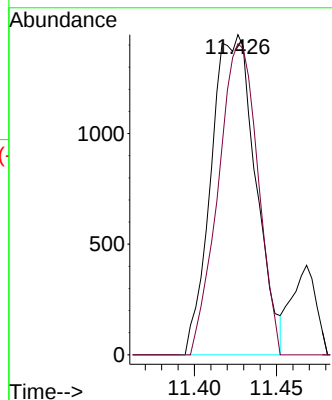
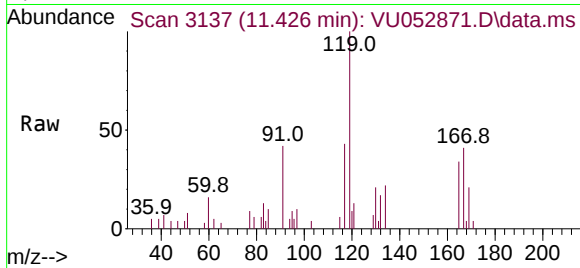




#61
 Pentachloroethane
 Concen: 0.467 ug/l
 RT: 11.426 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

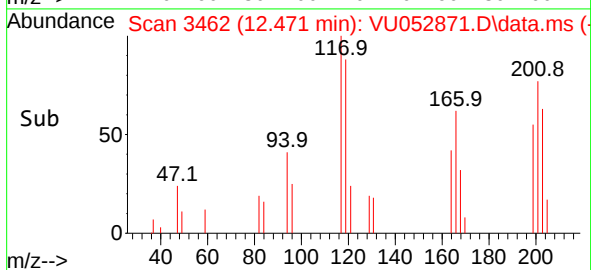
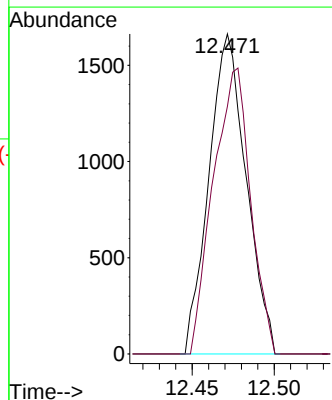
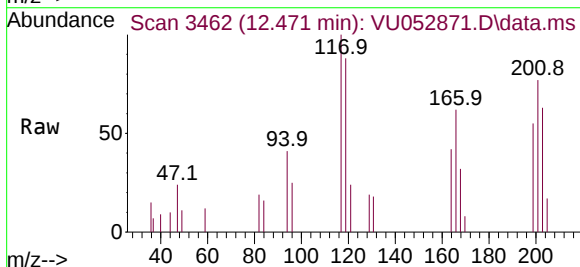
Instrument :
 MSVOA_U
 ClientSampleId :

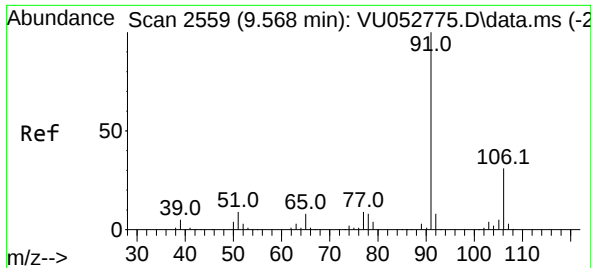
Tgt Ion:117 Resp: 2722
 Ion Ratio Lower Upper
 117 100
 167 86.6 66.8 100.2



#62
 Hexachloroethane
 Concen: 0.446 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

Tgt Ion:117 Resp: 2624
 Ion Ratio Lower Upper
 117 100
 201 89.2 64.6 97.0

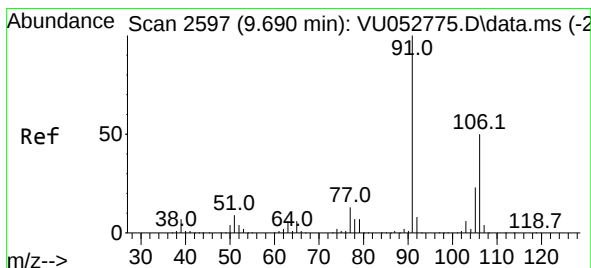
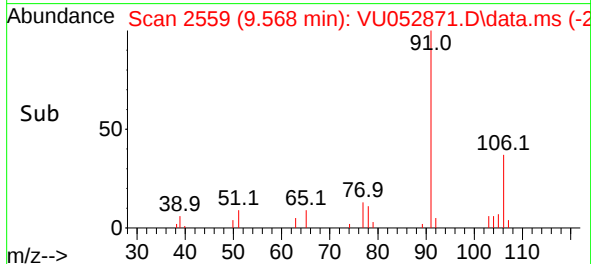
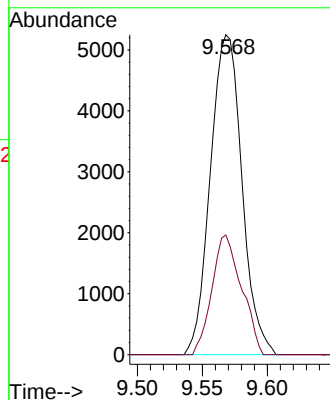
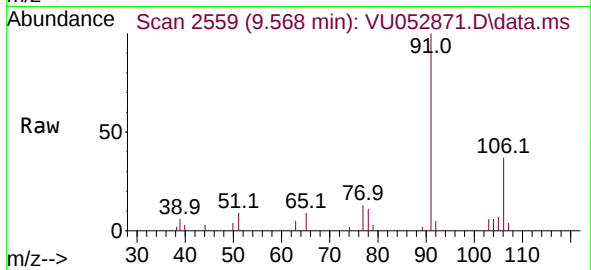




#63
Ethyl Benzene
Concen: 0.298 ug/l
RT: 9.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

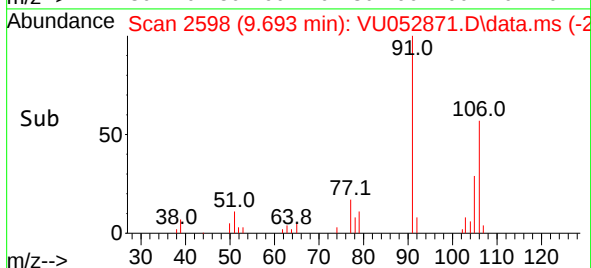
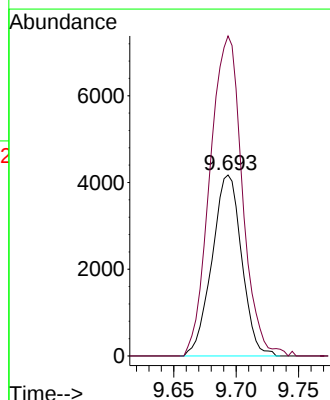
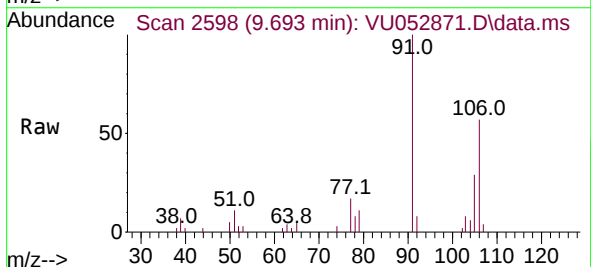
Instrument :
MSVOA_U
ClientSampleId :

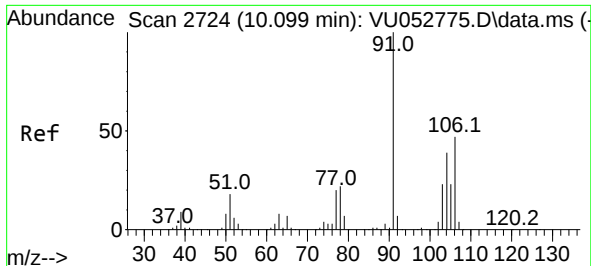
Tgt Ion: 91 Resp: 8875
Ion Ratio Lower Upper
91 100
106 37.4 25.1 37.7



#64
m/p-Xylenes
Concen: 0.582 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:106 Resp: 6910
Ion Ratio Lower Upper
106 100
91 192.7 158.7 238.1

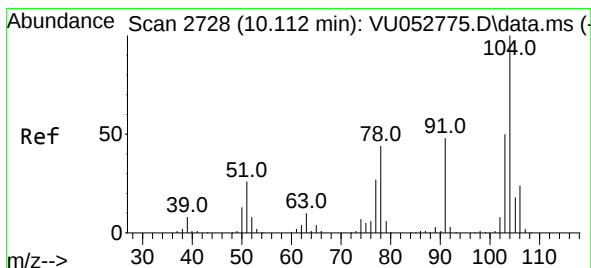
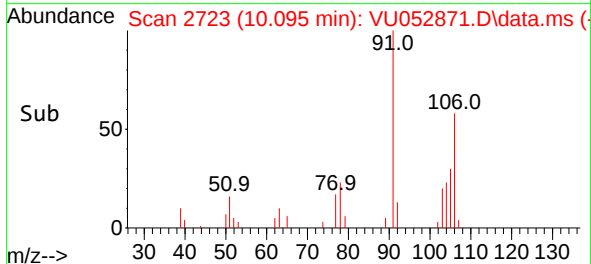
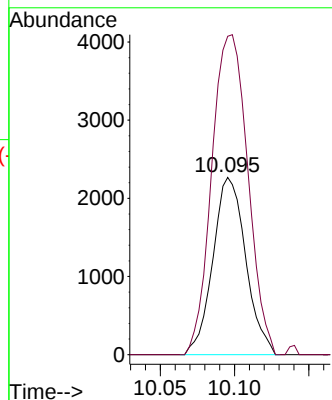
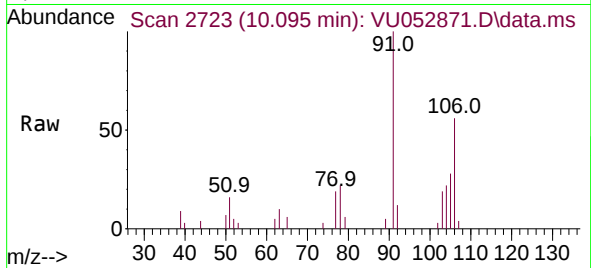




#65
o-Xylene
Concen: 0.305 ug/l
RT: 10.095 min Scan# 2724
Delta R.T. -0.004 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

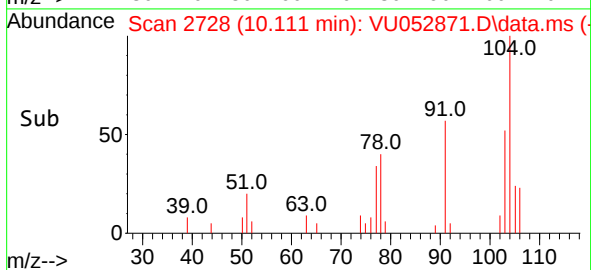
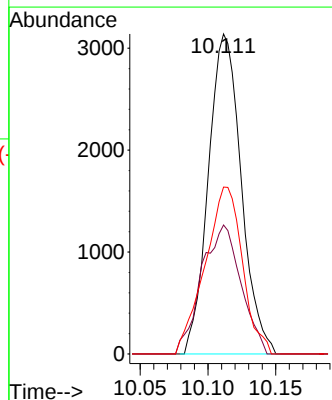
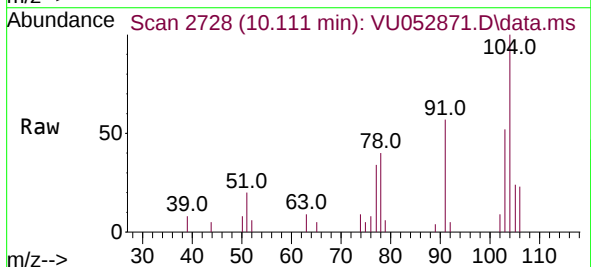
Instrument :
MSVOA_U
ClientSampleId :

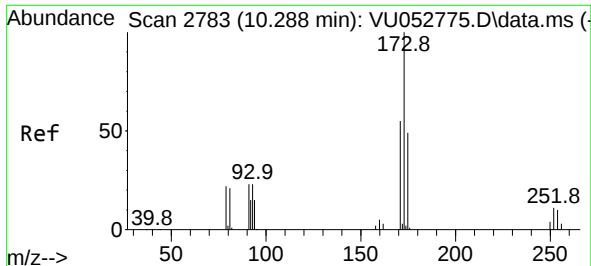
Tgt Ion:106 Resp: 3489
Ion Ratio Lower Upper
106 100
91 198.1 105.6 316.8



#66
Styrene
Concen: 0.289 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.001 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:104 Resp: 5299
Ion Ratio Lower Upper
104 100
78 48.2 39.6 59.4
103 59.2 42.9 64.3

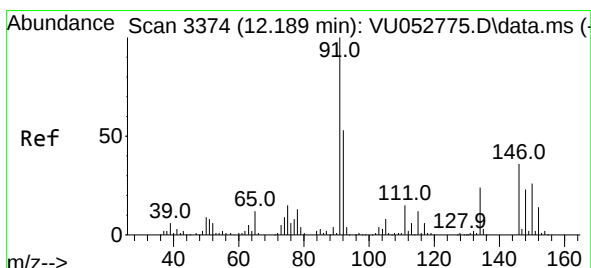
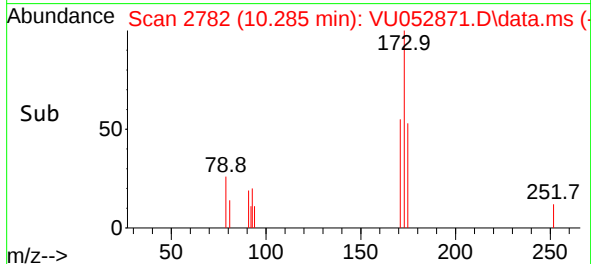
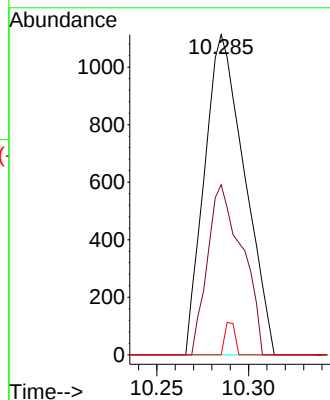
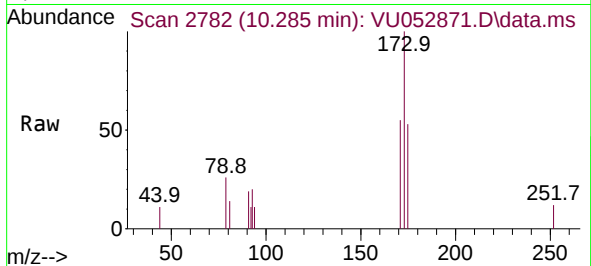




#67
Bromoform
Concen: 0.430 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

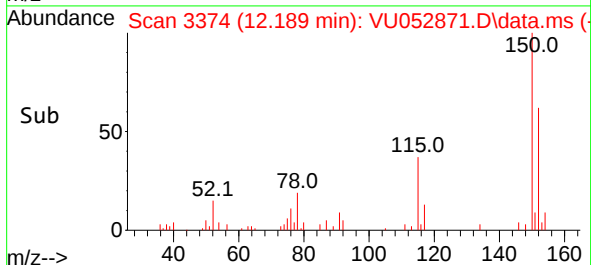
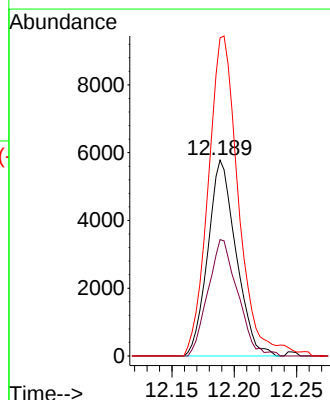
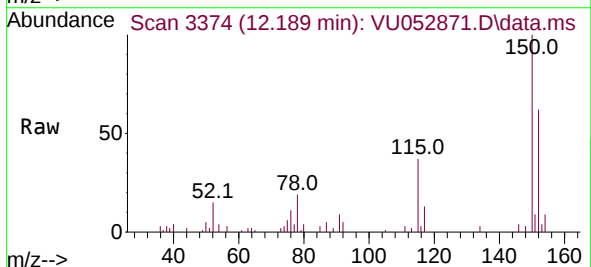
Instrument :
MSVOA_U
ClientSampleId :

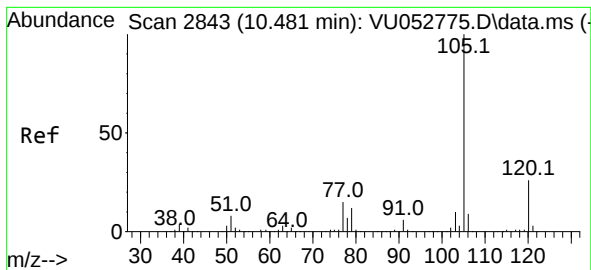
Tgt Ion:173 Resp: 1684
Ion Ratio Lower Upper
173 100
175 46.1 39.5 59.3
254 2.6 8.0 12.0#



#68
1,2-Dichlorobenzene-d4
Concen: 1.014 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:152 Resp: 9091
Ion Ratio Lower Upper
152 100
115 62.5 0.0 262.6
150 175.5 0.0 638.0





#69

Isopropylbenzene

Concen: 0.303 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

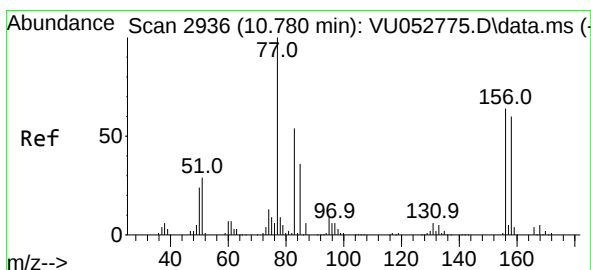
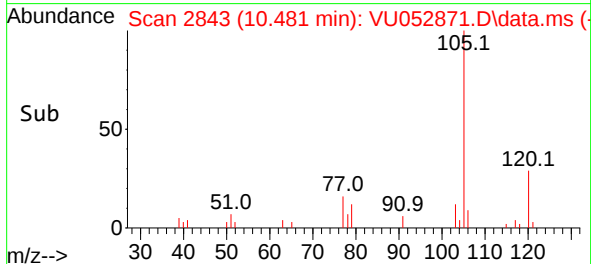
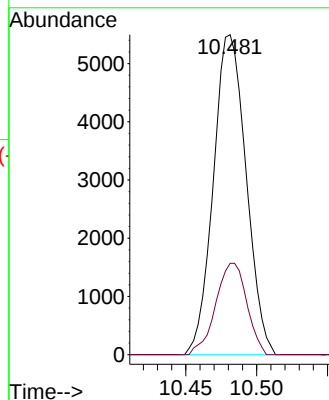
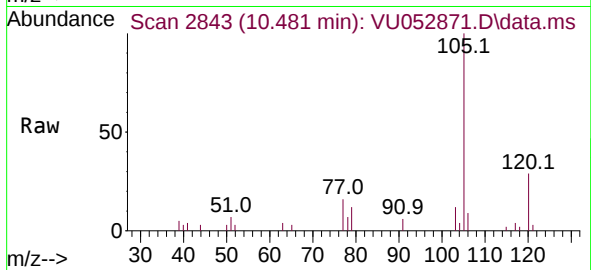
ClientSampleId :

Tgt Ion:105 Resp: 8841

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#70

1,1,2,2-Tetrachloroethane

Concen: 0.429 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

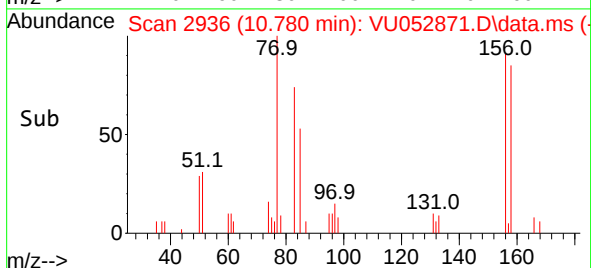
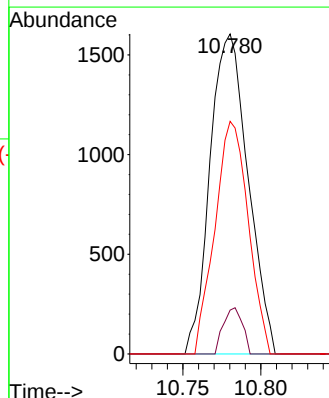
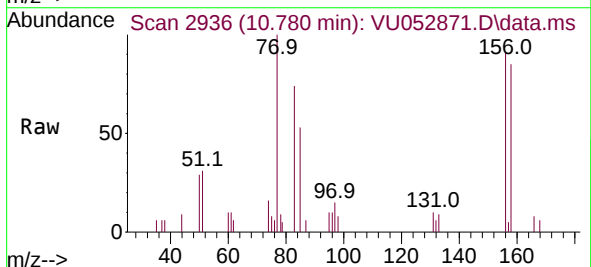
Tgt Ion: 83 Resp: 2715

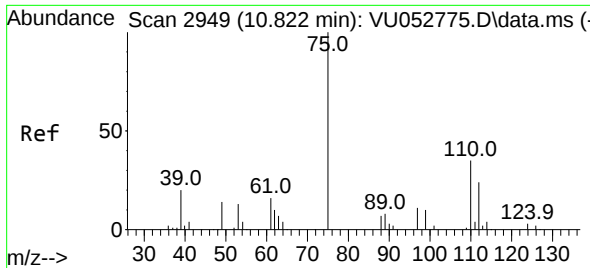
Ion Ratio Lower Upper

83 100

131 7.3 8.6 13.0#

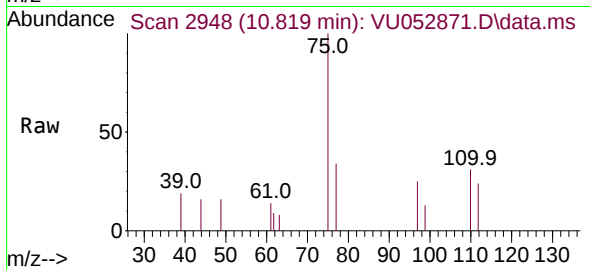
85 63.8 52.6 78.8



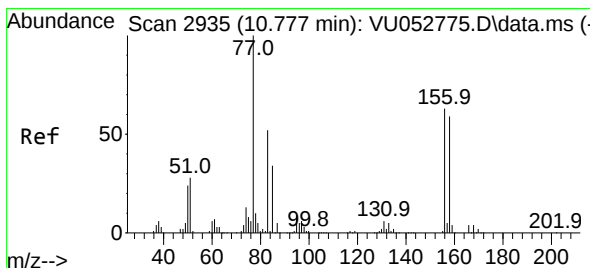
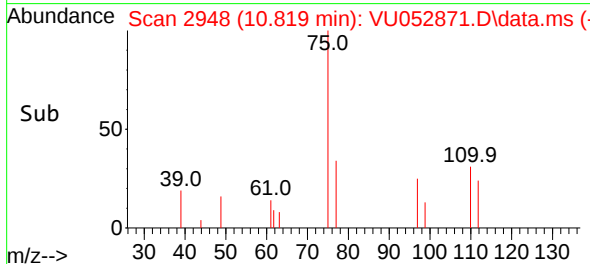
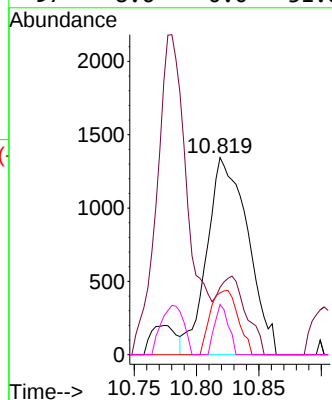


#71
1,2,3-Trichloropropane
Concen: 0.560 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

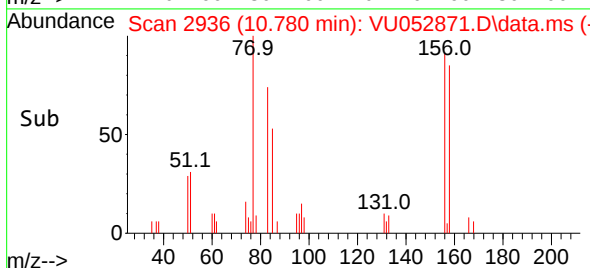
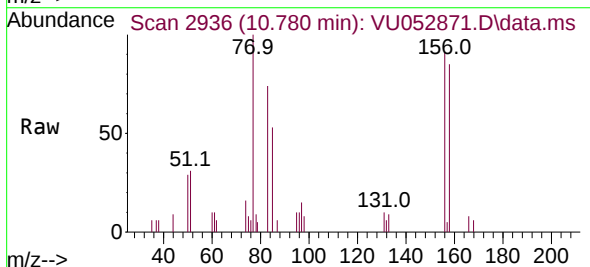
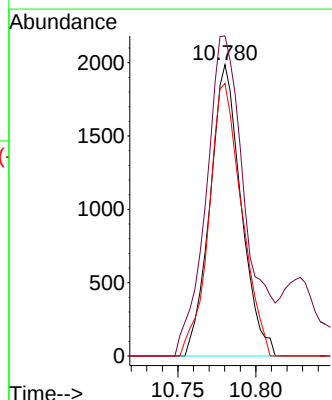


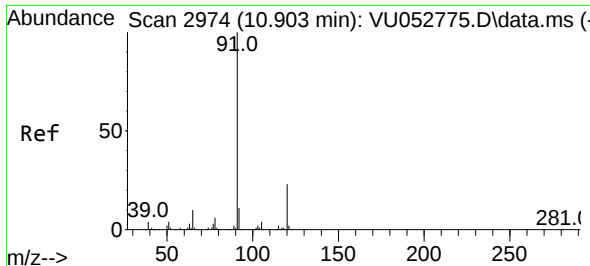
Tgt Ion: 75	Resp:	3069
Ion	Ratio	Lower Upper
75	100	
77	25.1	0.0 86.0
110	22.1	0.0 63.8
97	8.6	0.0 31.8



#72
Bromobenzene
Concen: 0.372 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 156	Resp:	2756
Ion	Ratio	Lower Upper
156	100	
77	138.1	0.0 321.2
158	98.5	0.0 192.0

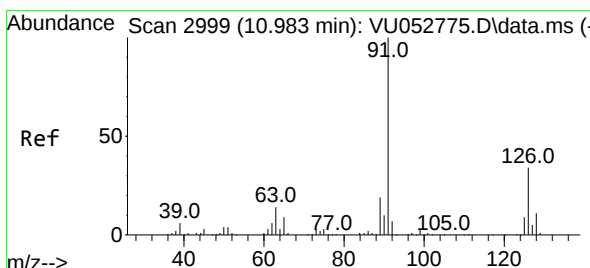
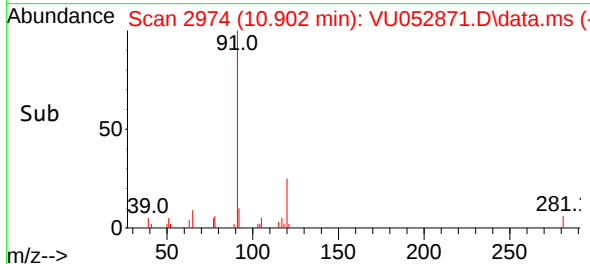
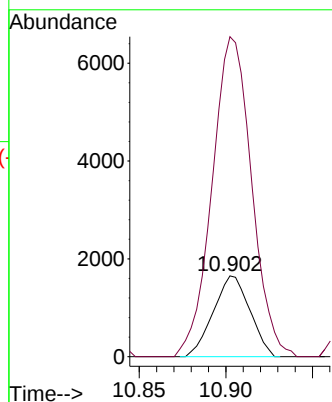
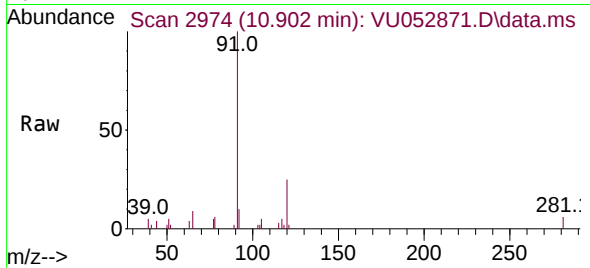




#73
n-propylbenzene
Concen: 0.300 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

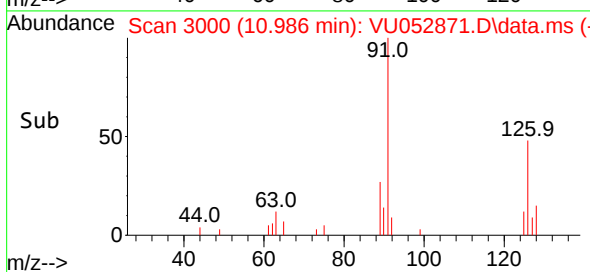
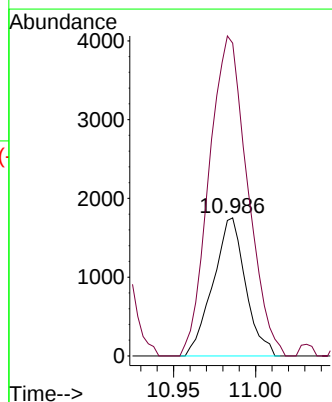
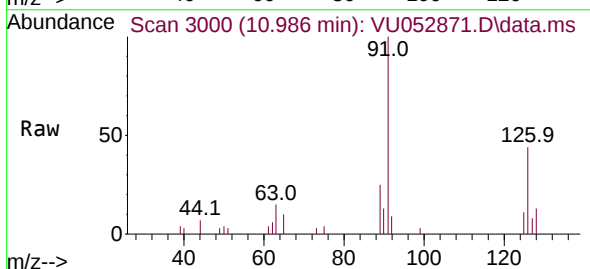
Instrument :
MSVOA_U
ClientSampleId :

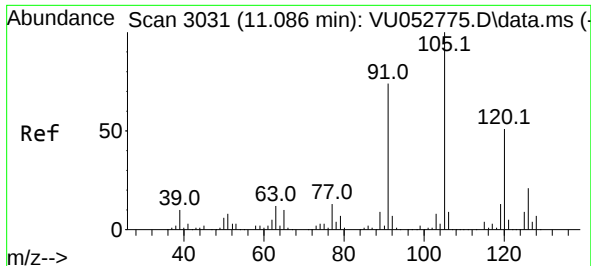
Tgt Ion:120 Resp: 2423
Ion Ratio Lower Upper
120 100
91 428.4 348.0 522.0



#74
2-Chlorotoluene
Concen: 0.327 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:126 Resp: 2410
Ion Ratio Lower Upper
126 100
91 273.7 0.0 588.6

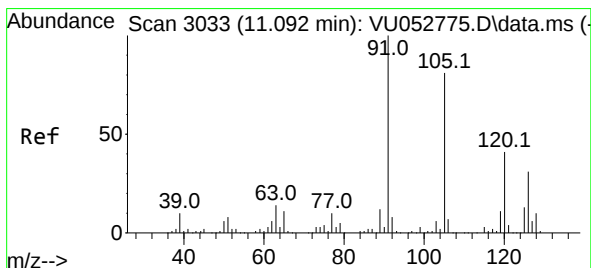
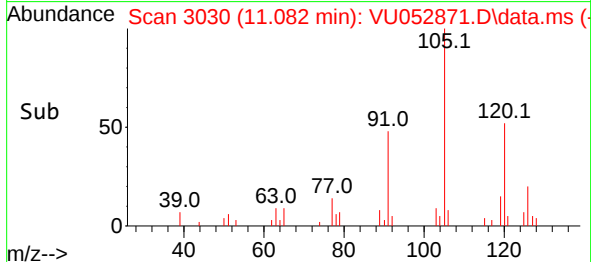
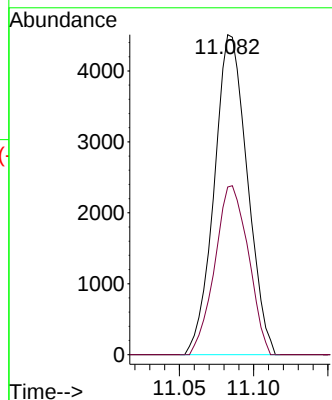
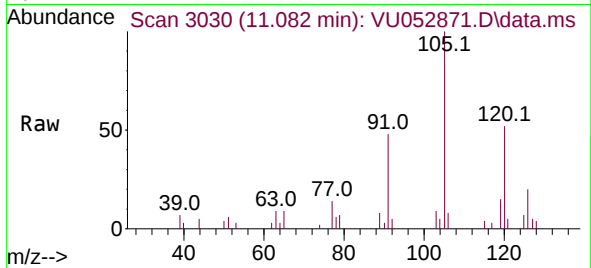




#75
1,3,5-Trimethylbenzene
Concen: 0.282 ug/l
RT: 11.082 min Scan# 3031
Delta R.T. -0.004 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

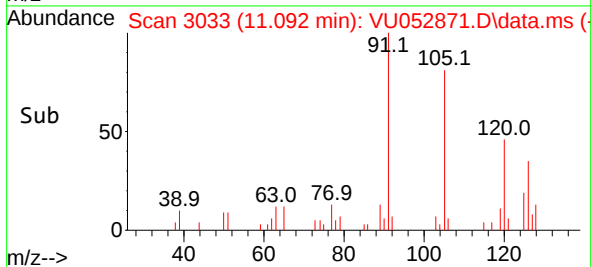
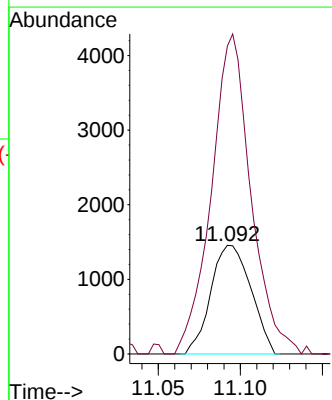
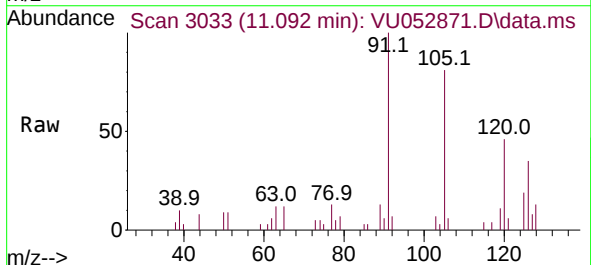
Instrument :
MSVOA_U
ClientSampleId :

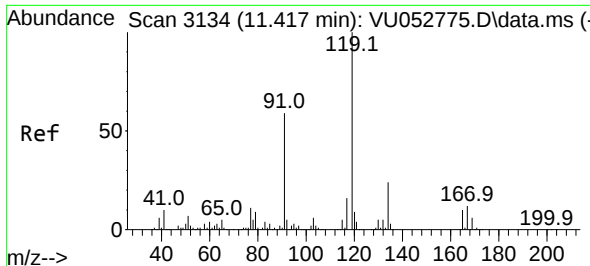
Tgt Ion:105 Resp: 6985
Ion Ratio Lower Upper
105 100
120 53.4 39.9 59.9



#76
4-Chlorotoluene
Concen: 0.327 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion:126 Resp: 2470
Ion Ratio Lower Upper
126 100
91 291.6 0.0 661.8

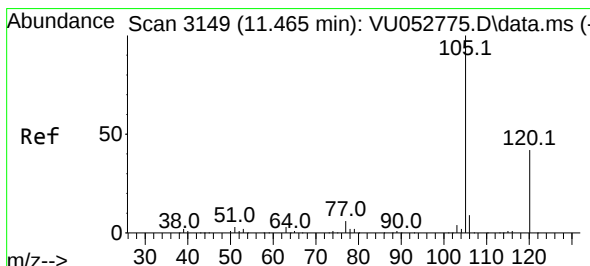
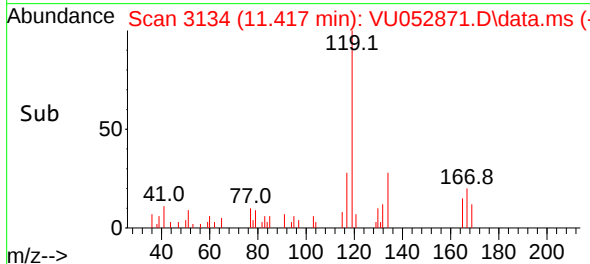
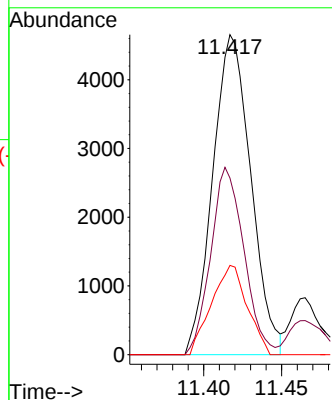
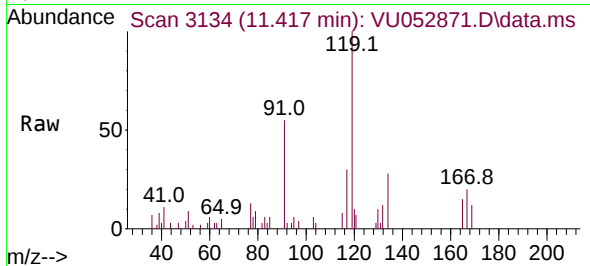




#77
tert-Butylbenzene
Concen: 0.313 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

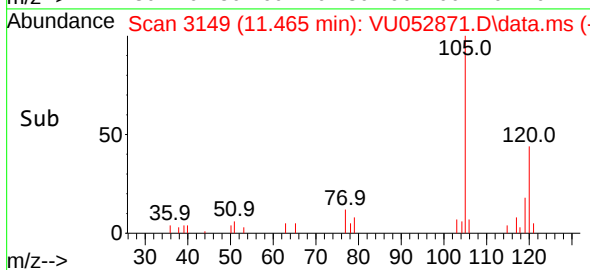
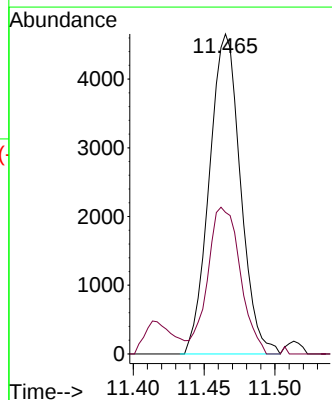
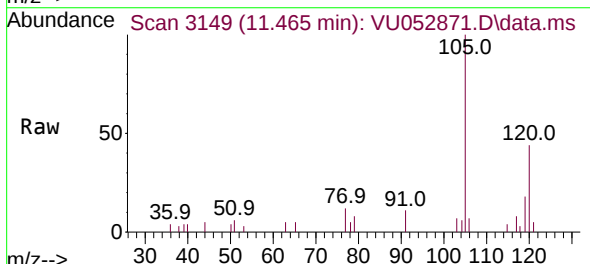
Instrument :
MSVOA_U
ClientSampleId :

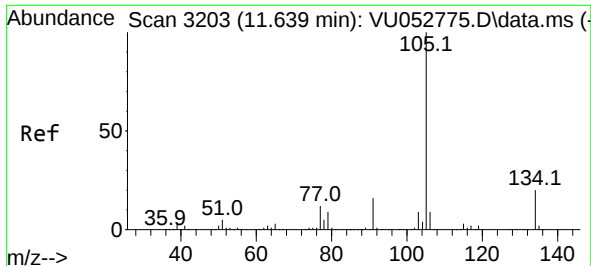
Tgt Ion:119	Resp:	7918
Ion Ratio	Lower	Upper
119	100	
91	51.1	28.4 85.3
134	26.2	18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.285 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

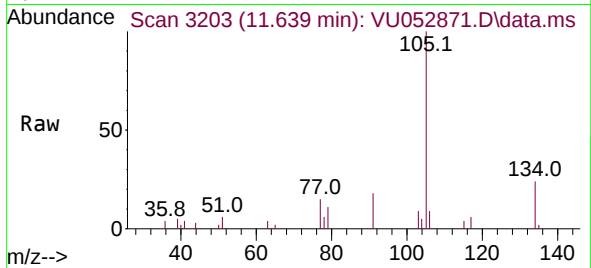
Tgt Ion:105	Resp:	7127
Ion Ratio	Lower	Upper
105	100	
120	48.2	23.4 70.3



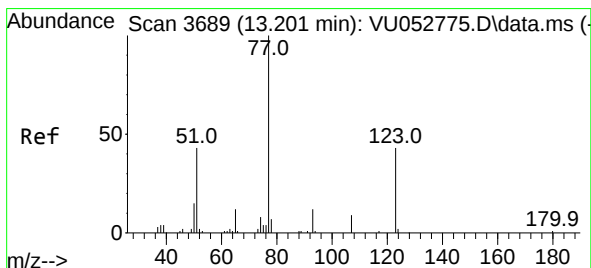
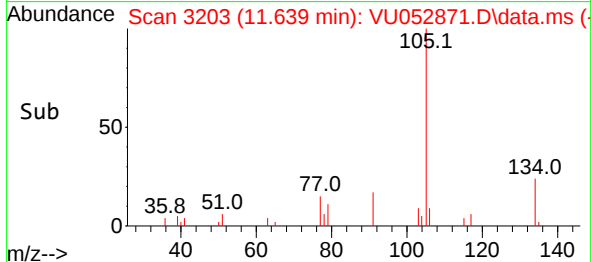
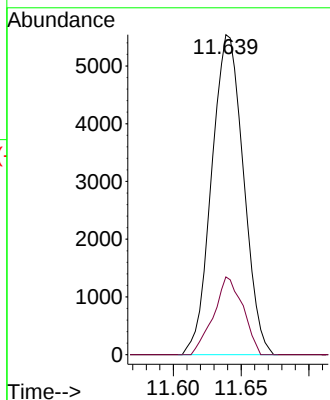


#79
 sec-Butylbenzene
 Concen: 0.277 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

Instrument :
 MSVOA_U
 ClientSampleId :

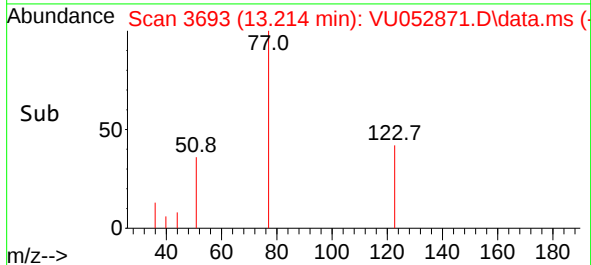
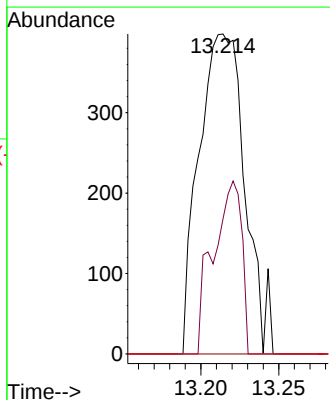
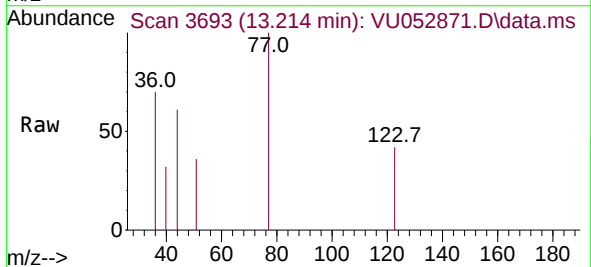


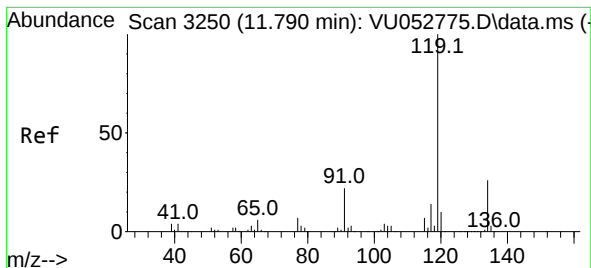
Tgt Ion:105 Resp: 9026
 Ion Ratio Lower Upper
 105 100
 134 22.4 16.5 24.7



#80
 Nitrobenzene
 Concen: 2.088 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.013 min
 Lab File: VU052871.D
 Acq: 30 Jan 2023 18:13

Tgt Ion: 77 Resp: 818
 Ion Ratio Lower Upper
 77 100
 123 33.5 18.8 66.8
 65 0.0 10.1 12.9#





#81

p-Isopropyltoluene

Concen: 0.284 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

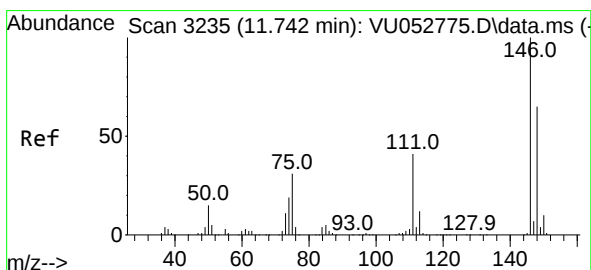
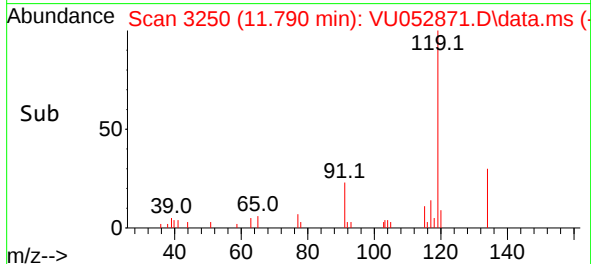
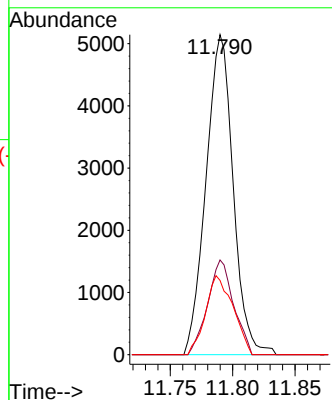
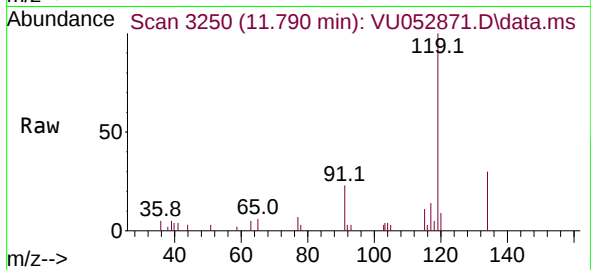
Tgt Ion:119 Resp: 7786

Ion Ratio Lower Upper

119 100

134 28.3 20.7 31.1

91 24.9 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 0.398 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

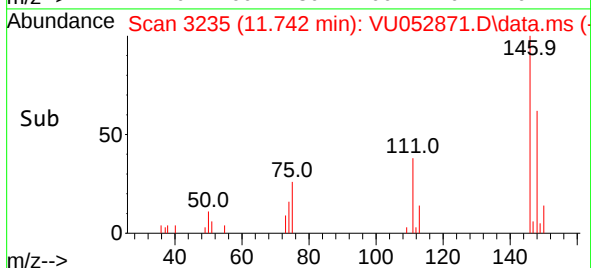
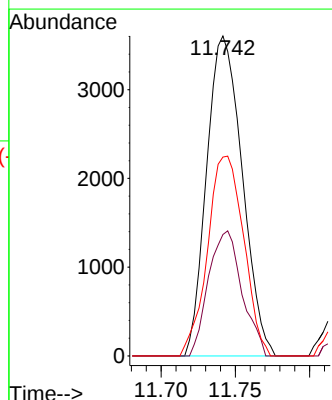
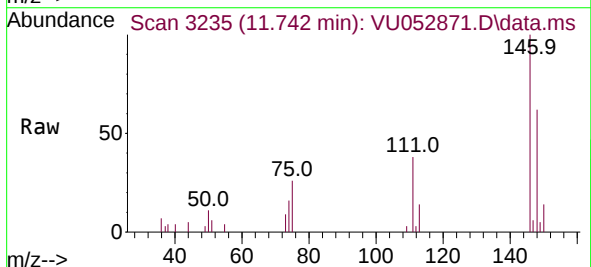
Tgt Ion:146 Resp: 6007

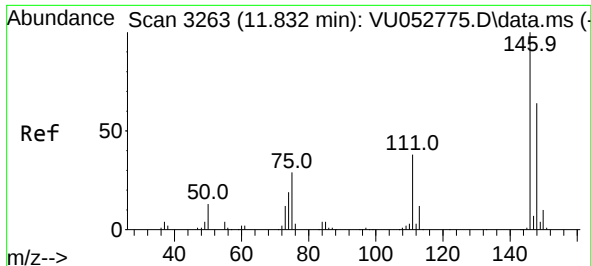
Ion Ratio Lower Upper

146 100

111 36.8 32.6 48.8

148 63.4 51.9 77.9

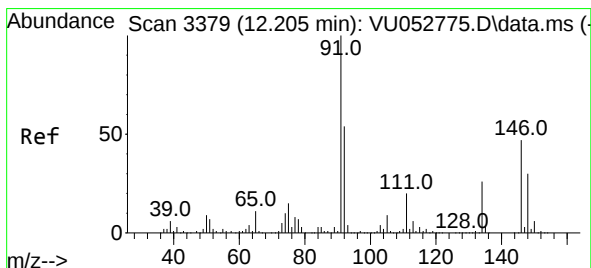
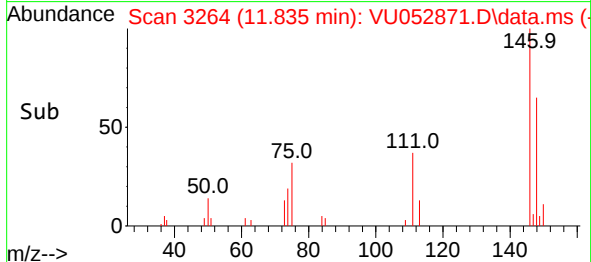
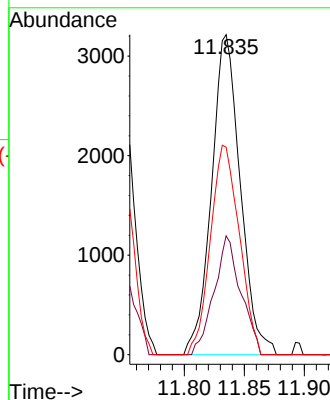
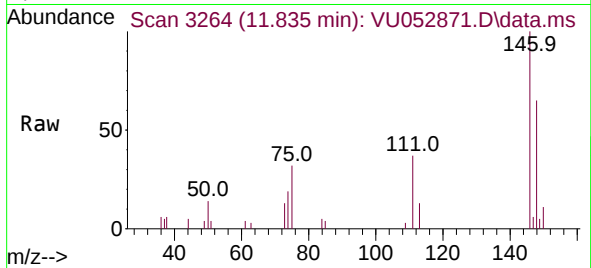




#83
1,4-Dichlorobenzene
Concen: 0.353 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

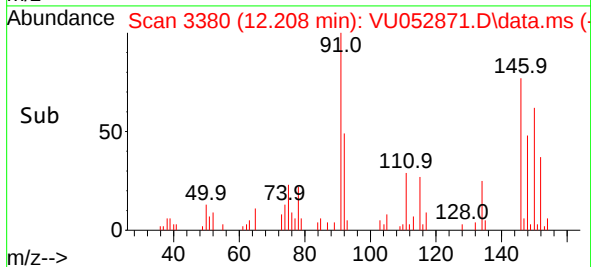
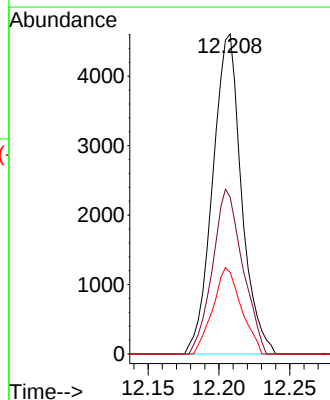
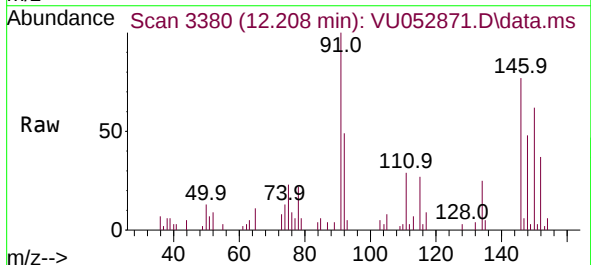
Instrument :
MSVOA_U
ClientSampleId :

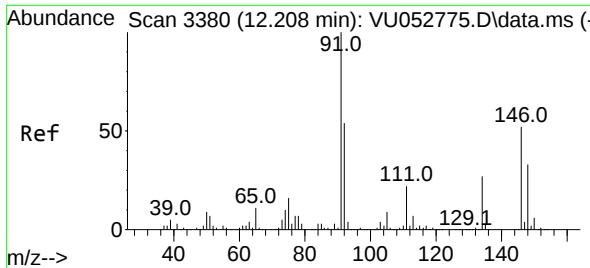
Tgt Ion:146 Resp: 5357
Ion Ratio Lower Upper
146 100
111 34.6 29.5 44.3
148 65.7 51.4 77.0



#84
n-Butylbenzene
Concen: 0.273 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 91 Resp: 6522
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.0
134 26.6 21.2 31.8

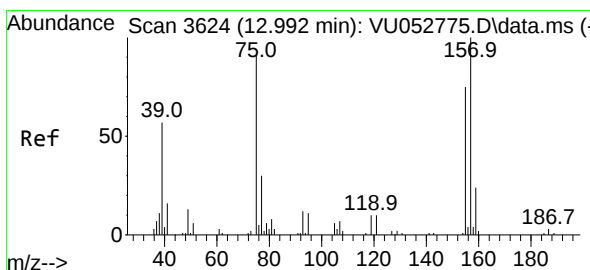
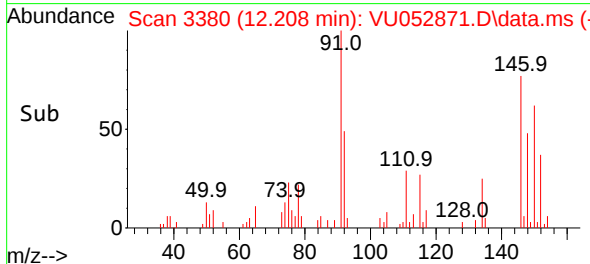
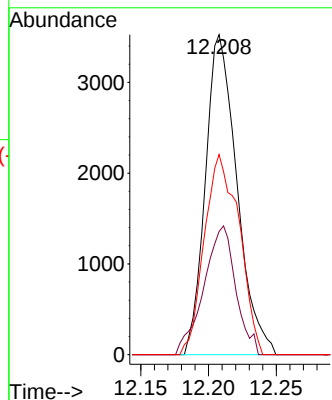
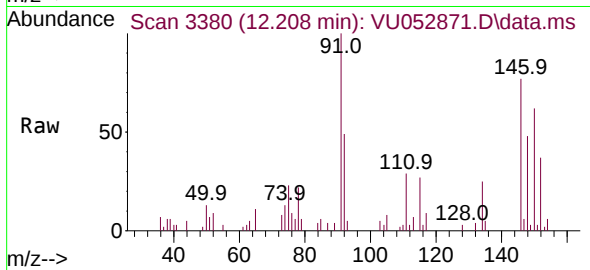




#85
1,2-Dichlorobenzene
Concen: 0.400 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

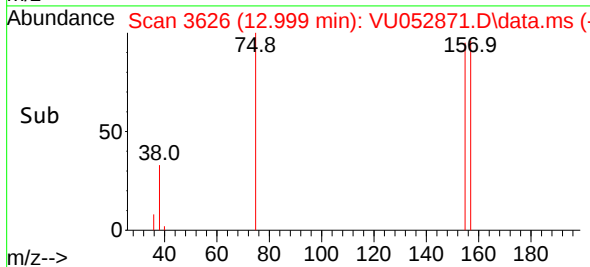
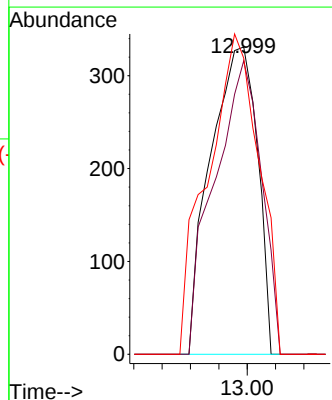
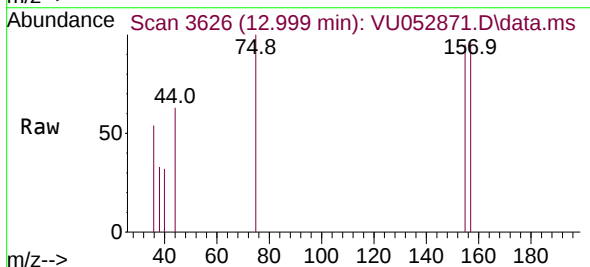
Instrument :
MSVOA_U
ClientSampleId :

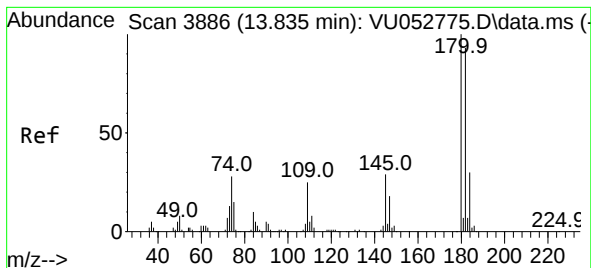
Tgt Ion:146 Resp: 5703
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.5
148 69.1 31.4 94.2



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.324 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU052871.D
Acq: 30 Jan 2023 18:13

Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
155 95.5 66.0 99.0
157 114.7 85.9 128.9





#87

1,2,4-Trichlorobenzene

Concen: 0.379 ug/l

RT: 13.838 min Scan# 3886

Delta R.T. 0.003 min

Lab File: VU052871.D

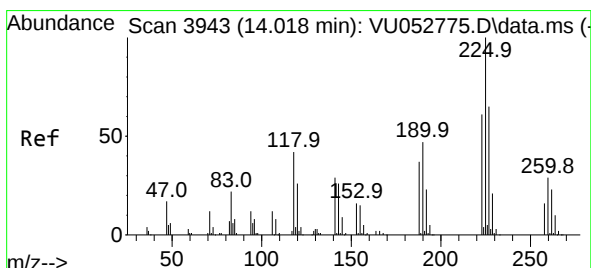
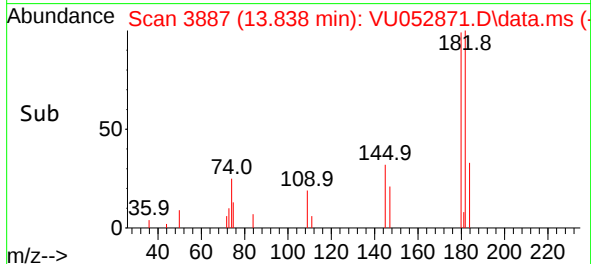
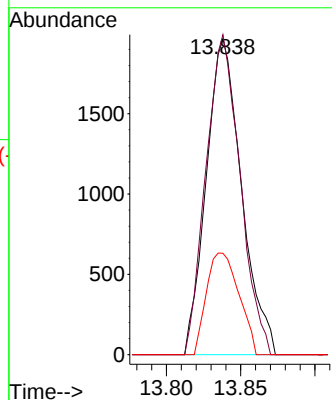
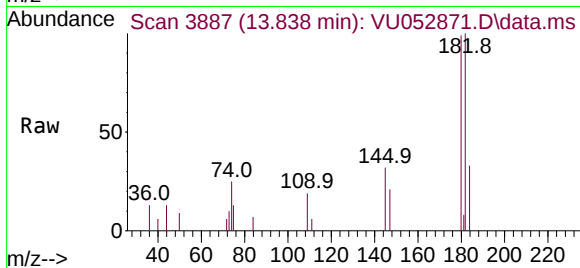
Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	3243
Ion Ratio	Lower	Upper
180	100	
182	98.1	74.6 112.0
145	29.6	23.4 35.0



#88

Hexachlorobutadiene

Concen: 0.500 ug/l

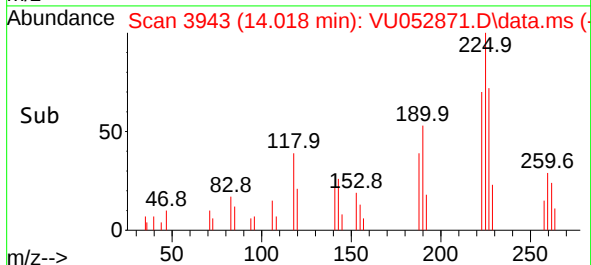
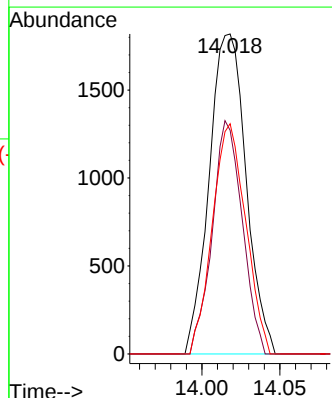
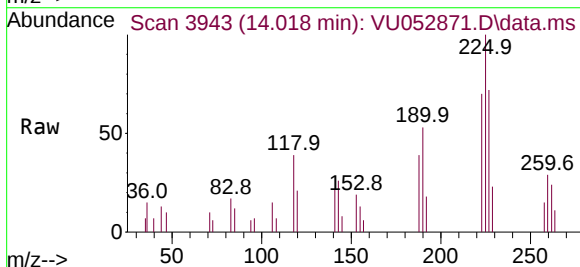
RT: 14.018 min Scan# 3943

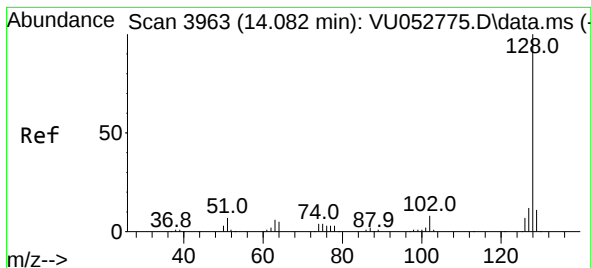
Delta R.T. -0.000 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Tgt Ion:225	Resp:	2994
Ion Ratio	Lower	Upper
225	100	
223	59.3	49.8 74.6
227	65.0	51.5 77.3





#89

Naphthalene

Concen: 0.285 ug/l

RT: 14.089 min Scan# 3963

Delta R.T. 0.006 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

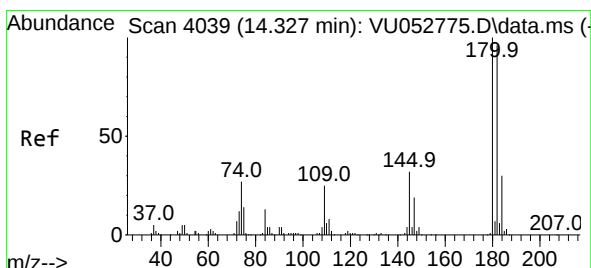
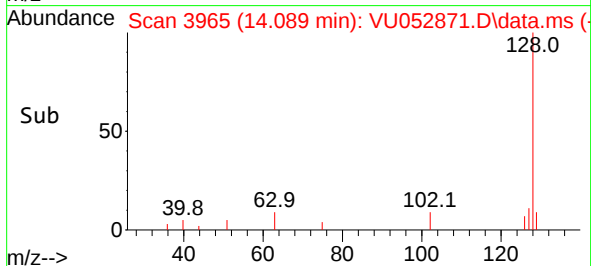
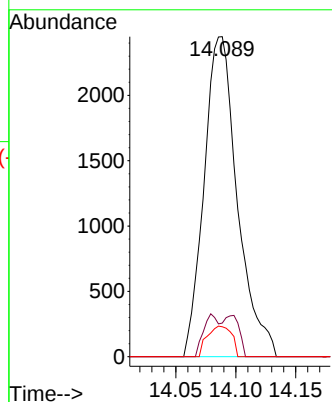
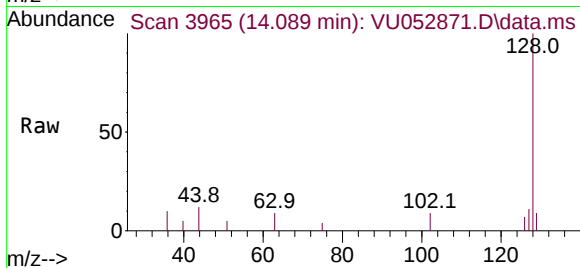
Tgt Ion:128 Resp: 4730

Ion Ratio Lower Upper

128 100

127 5.9 10.2 15.4#

129 7.0 8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.338 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU052871.D

Acq: 30 Jan 2023 18:13

Tgt Ion:180 Resp: 2747

Ion Ratio Lower Upper

180 100

182 99.7 77.8 116.6

145 32.9 25.2 37.8

