

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052771.D
 Acq On : 23 Jan 2023 10:51
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 04:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	47962	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	15806	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15224	0.748	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6741	0.396	ug/l	98
3) Chloromethane	1.520	50	7076	0.382	ug/l	99
4) Vinyl Chloride	1.604	62	6321	0.379	ug/l	98
5) Bromomethane	1.858	94	3445	0.337	ug/l	89
6) Chloroethane	1.935	64	3951	0.386	ug/l	94
7) Trichlorofluoromethane	2.137	101	8484	0.377	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	4942	0.384	ug/l	100
9) 1,1-Dichloroethene	2.581	96	4498	0.353	ug/l	86
10) Iodomethane	2.723	142	4522	0.468	ug/l	89
11) Allyl Chloride	2.922	41	5349	0.311	ug/l	96
12) Acrylonitrile	3.321	53	1880	0.595	ug/l #	95
13) Acetone	2.639	43	7090	2.605	ug/l	91
14) Carbon Disulfide	2.793	76	16390	0.403	ug/l #	91
15) Methylene Chloride	3.044	84	6858	0.340	ug/l	90
16) trans-1,2-Dichloroethene	3.350	96	4784	0.342	ug/l	99
17) 1,1-Dichloroethane	3.867	63	8421	0.366	ug/l	97
18) 2-Butanone	4.723	43	8183	2.333	ug/l	96
19) Cyclohexane	5.385	56	7128	0.405	ug/l	98
20) Methylcyclohexane	6.758	83	7782	0.391	ug/l	91
21) 2,2-Dichloropropane	4.662	77	8125	0.425	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	5409	0.378	ug/l	96
23) Diethyl Ether	2.375	59	3030	0.320	ug/l #	88
24) tert-Butyl Alcohol	3.282	59	549	0.534	ug/l #	22
25) Methyl tert-Butyl Ether	3.363	73	10012	0.320	ug/l	94
26) Bromochloromethane	4.964	128	2537	0.359	ug/l	86
27) Chloroform	5.089	83	9367	0.383	ug/l	95
28) 1,1,1-Trichloroethane	5.311	97	8418	0.401	ug/l	96
29) 1,1-Dichloropropene	5.520	75	6972	0.395	ug/l	99
30) Carbon Tetrachloride	5.520	117	7034	0.382	ug/l	97
31) Isopropyl Ether	3.996	45	13024	0.409	ug/l	98
32) Ethyl-t-butyl ether	4.507	59	11442	0.372	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	9547	0.345	ug/l	98
34) Propionitrile	4.780	54	618	0.572	ug/l #	29
35) Benzene	5.771	78	20544	0.390	ug/l	99
36) 1,2-Dichloroethane	5.793	62	6223	0.400	ug/l #	95
37) Trichloroethene	6.539	130	5587	0.368	ug/l	89
38) 1,2-Dichloropropane	6.790	63	4990	0.372	ug/l	100
39) Methacrylonitrile	4.977	41	1415	0.365	ug/l #	91
40) Methyl acrylate	4.842	55	1370	0.213	ug/l #	70
41) Tetrahydrofuran	5.073	42	1506	0.698	ug/l #	71
42) 1-Chlorobutane	5.456	56	9591	0.424	ug/l	98
43) Dibromomethane	6.919	93	2398	0.318	ug/l	96
44) Bromodichloromethane	7.108	83	7144	0.400	ug/l #	99

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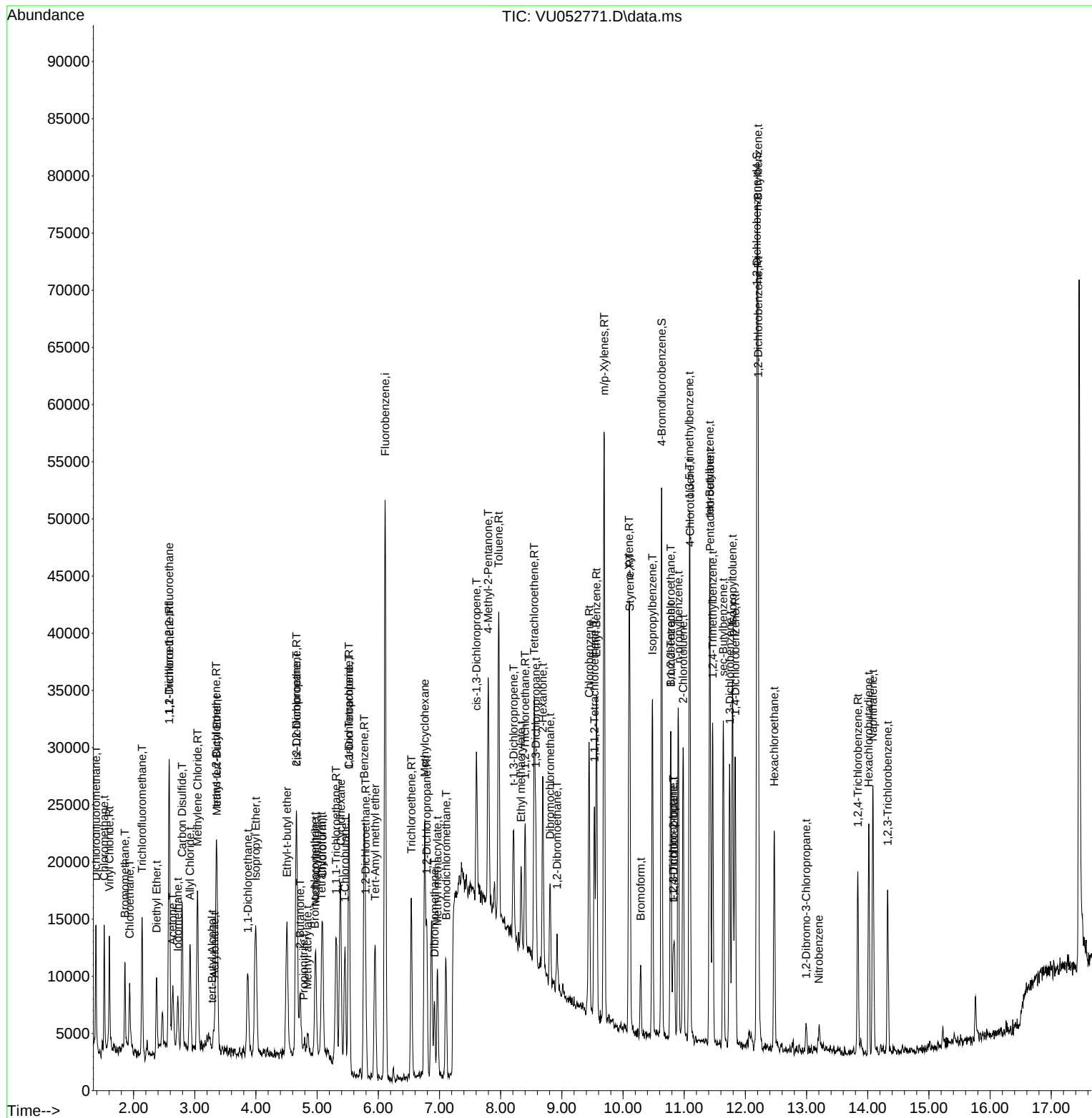
Quant Time: Jan 24 04:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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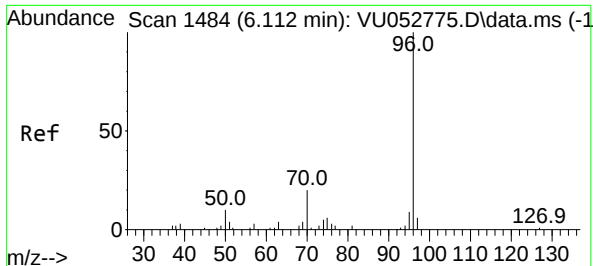
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	12583	1.614	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	5187	1.397	ug/l #	51
47) Methyl methacrylate	6.964	69	4264	0.690	ug/l	97
48) Ethyl methacrylate	8.333	69	3724	0.328	ug/l	98
49) Toluene	7.967	92	11546	0.361	ug/l	93
50) t-1,3-Dichloropropene	8.211	75	5936	0.376	ug/l	94
51) cis-1,3-Dichloropropene	7.607	75	7749	0.426	ug/l	91
52) 1,1,2-Trichloroethane	8.401	97	3422	0.320	ug/l	95
53) 1,3-Dichloropropane	8.575	76	6110	0.344	ug/l #	87
54) 2-Hexanone	8.687	43	11062	1.912	ug/l	98
55) Dibromochloromethane	8.809	129	4716	0.366	ug/l	99
56) 1,2-Dibromoethane	8.922	107	3228	0.317	ug/l	92
58) Tetrachloroethene	8.549	164	5148	0.379	ug/l	95
59) Chlorobenzene	9.446	112	13230	0.354	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.533	131	4911	0.368	ug/l	98
61) Pentachloroethane	11.423	117	4142	0.371	ug/l	98
62) Hexachloroethane	12.471	117	4279	0.413	ug/l	93
63) Ethyl Benzene	9.565	91	19343	0.333	ug/l	98
64) m/p-Xylenes	9.693	106	15400	0.666	ug/l	98
65) o-Xylene	10.099	106	7591	0.343	ug/l	98
66) Styrene	10.111	104	11085	0.299	ug/l	97
67) Bromoform	10.288	173	2956	0.367	ug/l #	92
69) Isopropylbenzene	10.481	105	18648	0.324	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	4360	0.317	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	5187	0.479	ug/l #	62
72) Bromobenzene	10.780	156	5338	0.316	ug/l	98
73) n-propylbenzene	10.902	120	5102	0.312	ug/l	97
74) 2-Chlorotoluene	10.983	126	4953	0.322	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	14959	0.305	ug/l	97
76) 4-Chlorotoluene	11.095	126	5010	0.309	ug/l	97
77) tert-Butylbenzene	11.417	119	16673	0.336	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	14577	0.291	ug/l	97
79) sec-Butylbenzene	11.639	105	19556	0.301	ug/l	98
80) Nitrobenzene	13.201	77	1501	2.655	ug/l #	73
81) p-Isopropyltoluene	11.790	119	15600	0.287	ug/l	96
82) 1,3-Dichlorobenzene	11.745	146	10129	0.297	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	10625	0.311	ug/l	96
84) n-Butylbenzene	12.205	91	15128	0.295	ug/l	94
85) 1,2-Dichlorobenzene	12.211	146	10254	0.317	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.992	75	831	0.373	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.838	180	5551	0.243	ug/l	93
88) Hexachlorobutadiene	14.015	225	4185	0.304	ug/l	95
89) Naphthalene	14.086	128	21345	0.594	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	4876	0.229	ug/l	95

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

Instrument :
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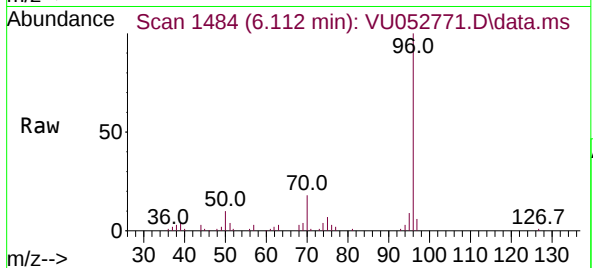
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MSVOA_U
ClientSampleId :



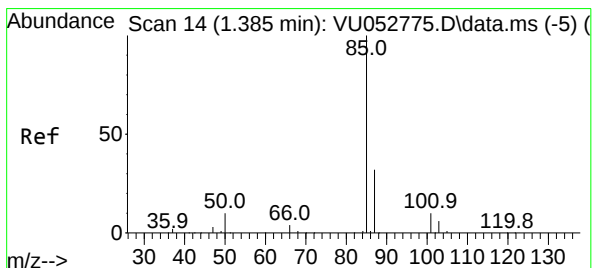
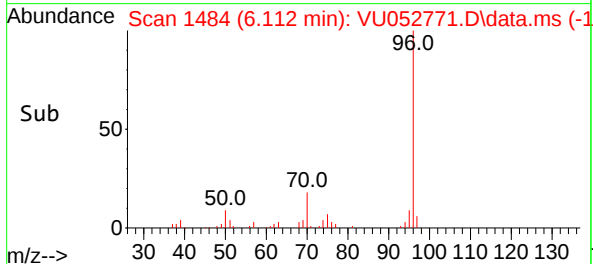
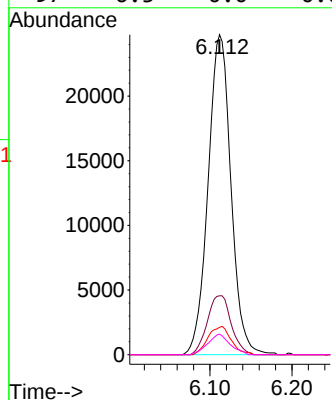


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :

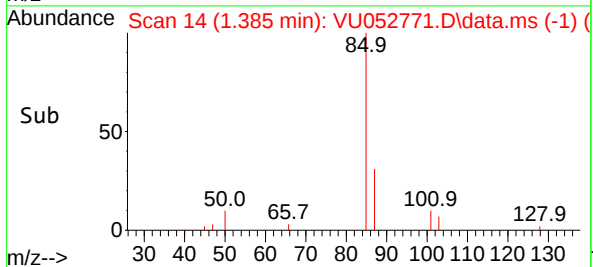
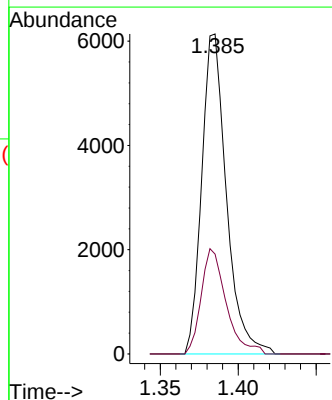
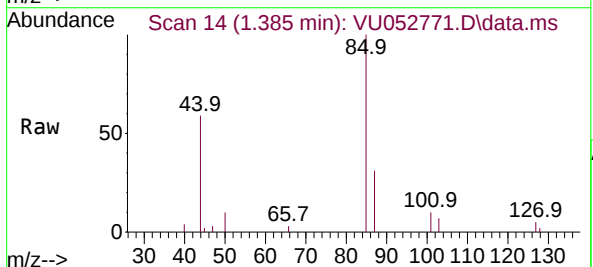


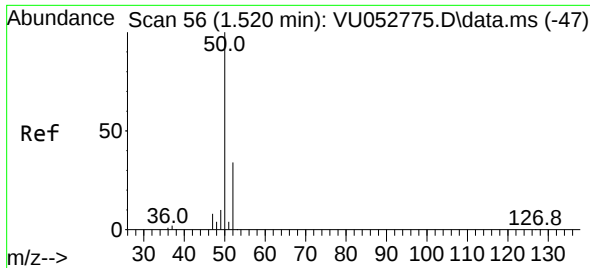
Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.2	16.2	24.4
95	8.9	7.4	11.0
97	6.3	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.396 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.1	48.2

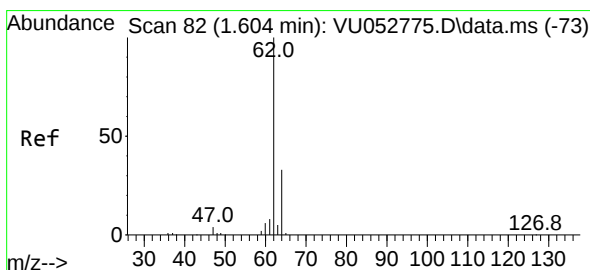
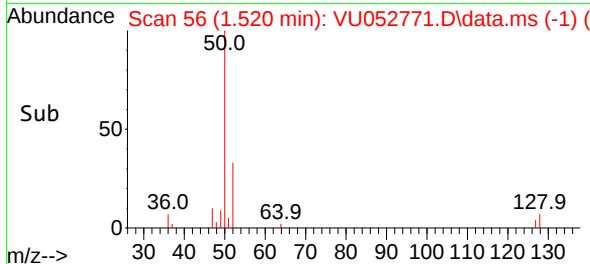
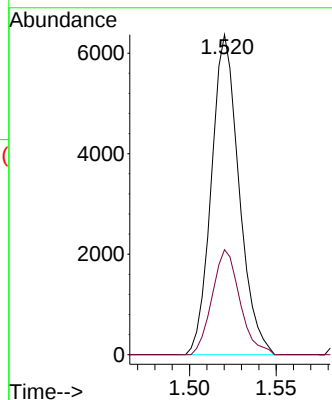
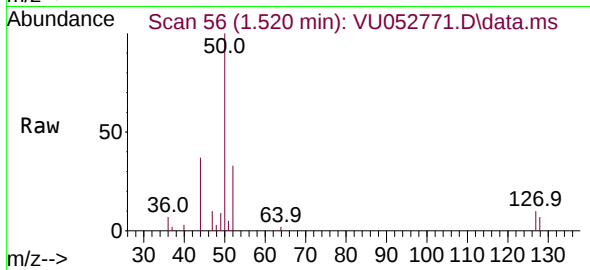




#3
Chloromethane
Concen: 0.382 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

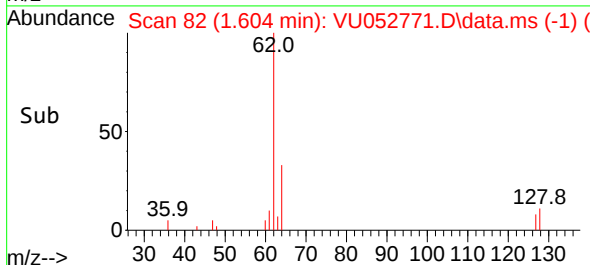
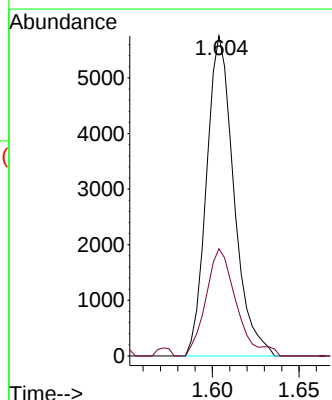
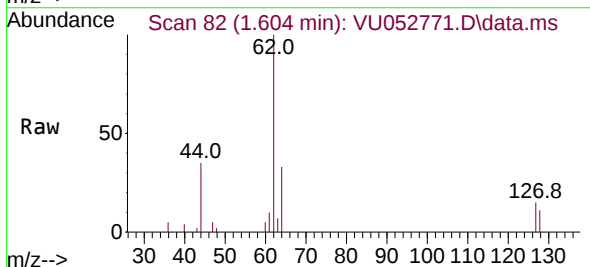
Instrument :
MSVOA_U
ClientSampleId :

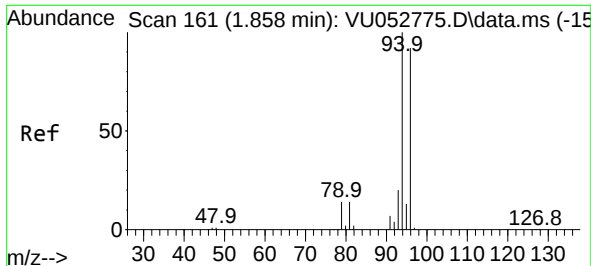
Tgt Ion: 50 Resp: 7076
Ion Ratio Lower Upper
50 100
52 32.8 26.8 40.2



#4
Vinyl Chloride
Concen: 0.379 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 62 Resp: 6321
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0

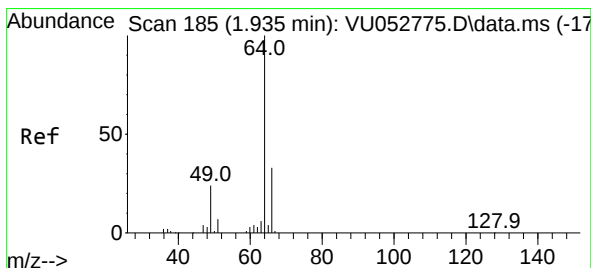
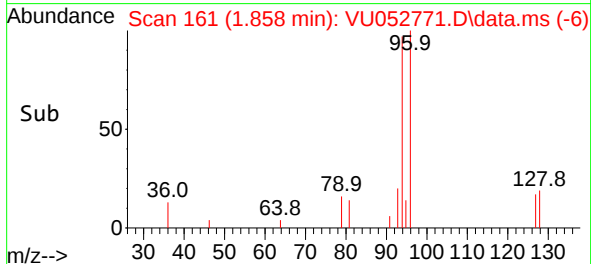
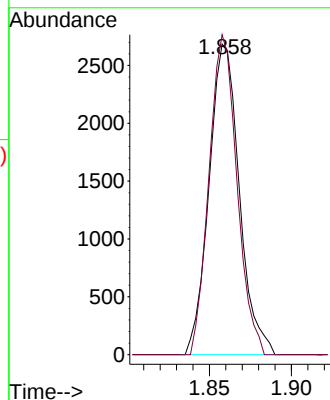
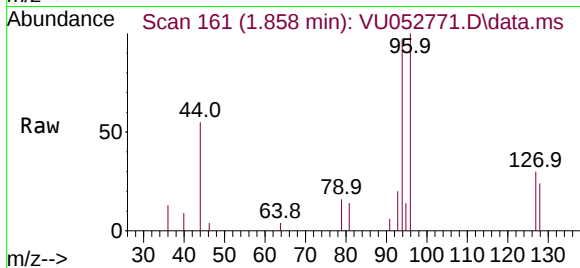




#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

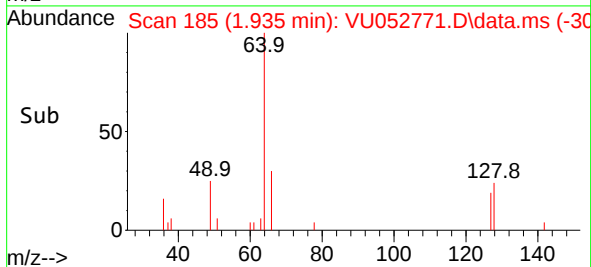
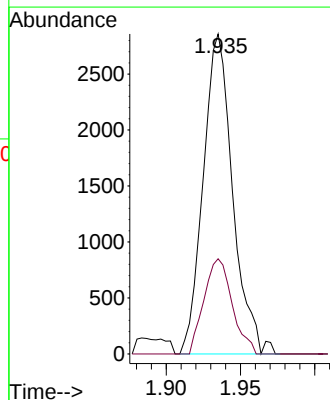
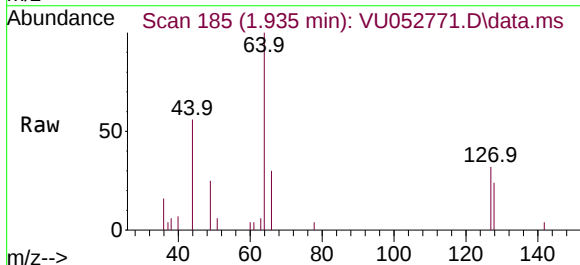
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ClientSampleId :

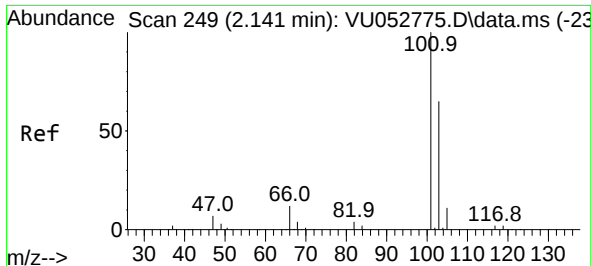
Tgt Ion: 94 Resp: 3445
Ion Ratio Lower Upper
94 100
96 103.1 73.8 110.6



#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

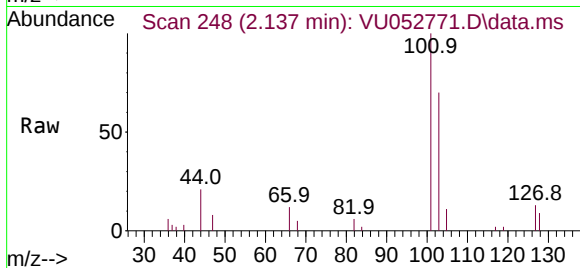
Tgt Ion: 64 Resp: 3951
Ion Ratio Lower Upper
64 100
66 29.7 26.6 40.0



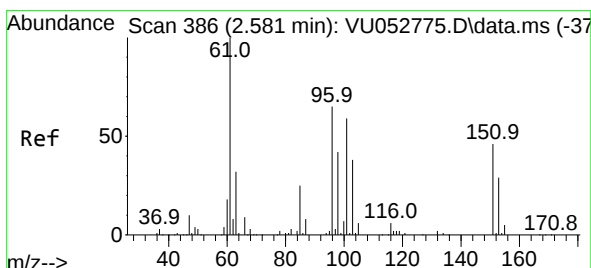
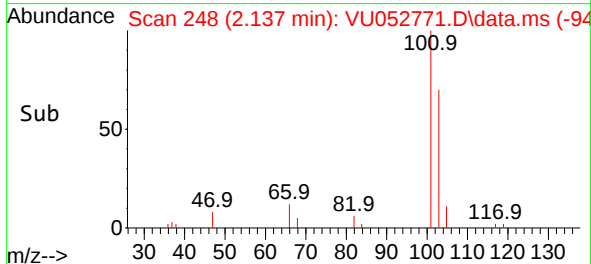
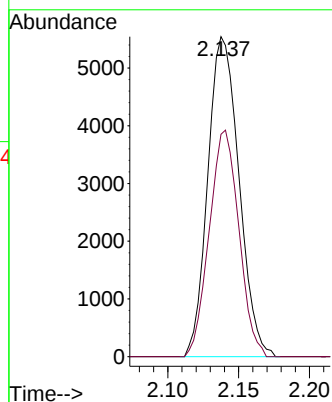


#7
 Trichlorofluoromethane
 Concen: 0.377 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Instrument :
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 ClientSampleId :

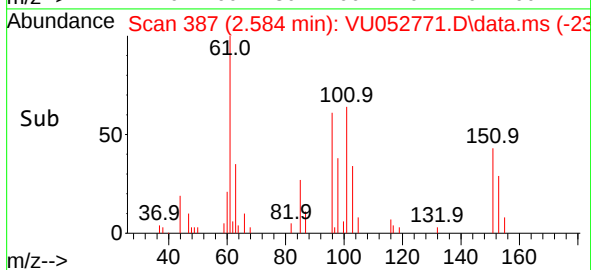
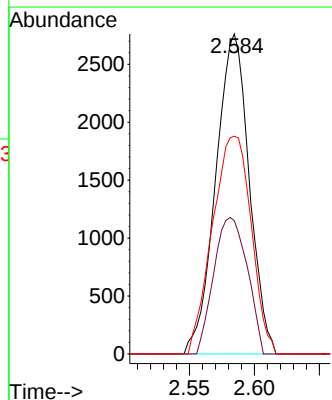
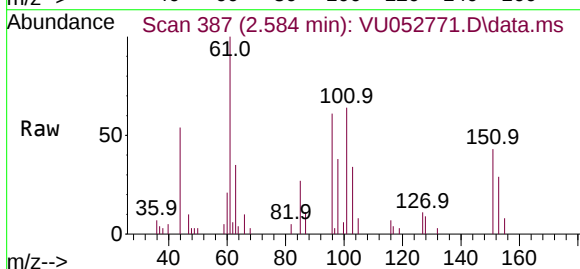


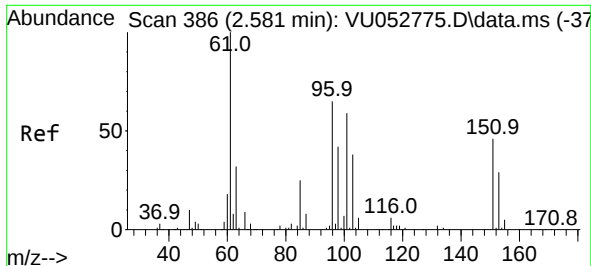
Tgt Ion:101 Resp: 8484
 Ion Ratio Lower Upper
 101 100
 103 69.5 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.384 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU052771.D
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Tgt Ion:101 Resp: 4942
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.1 51.1
 151 78.9 63.0 94.4

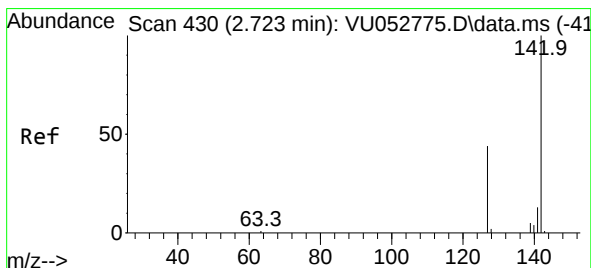
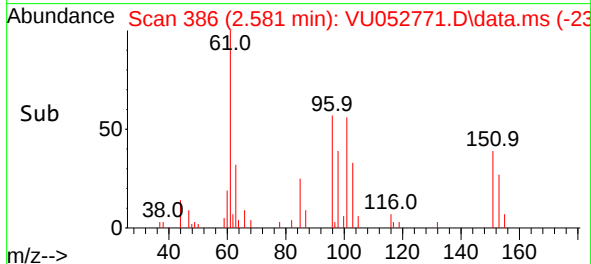
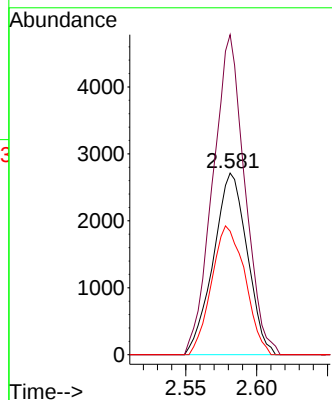
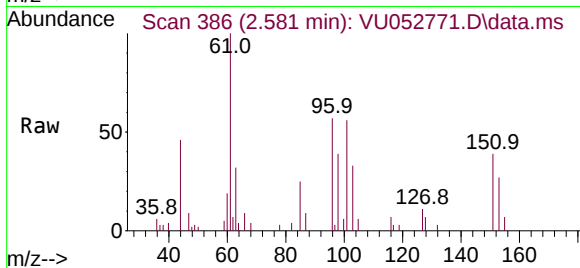




#9
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

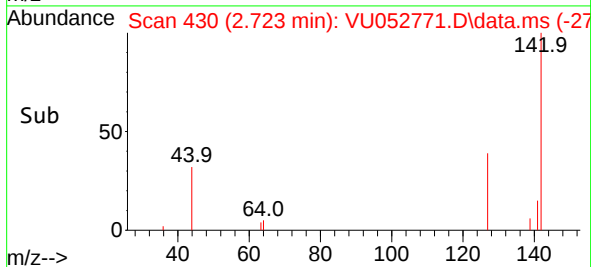
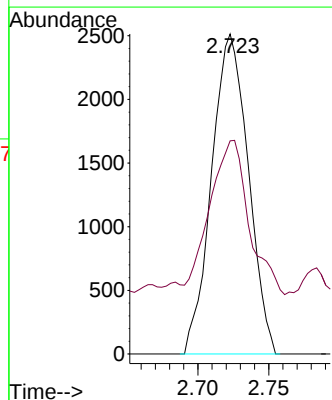
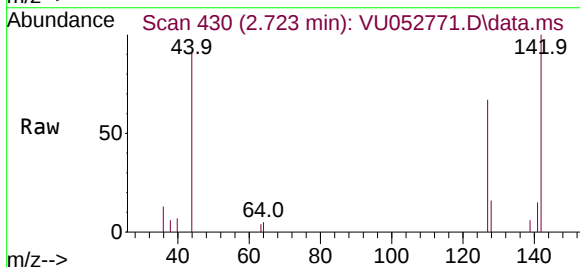
Instrument :
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ClientSampleId :

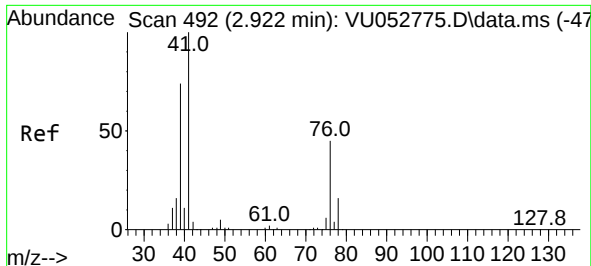
Tgt Ion: 96 Resp: 4498
Ion Ratio Lower Upper
96 100
61 176.2 0.0 460.5
98 68.0 0.0 128.0



#10
Iodomethane
Concen: 0.468 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 142 Resp: 4522
Ion Ratio Lower Upper
142 100
127 51.3 35.4 53.0

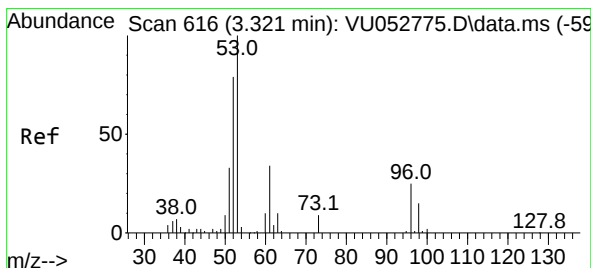
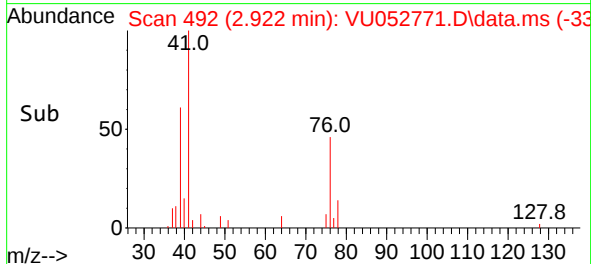
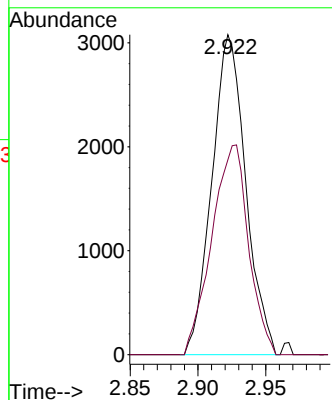
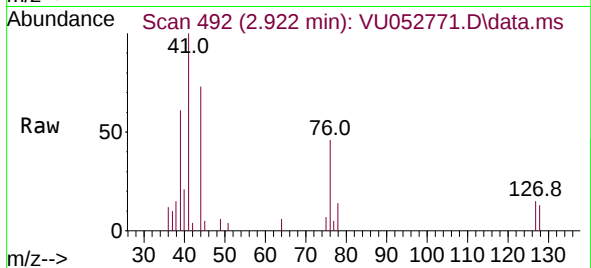




#11
 Allyl Chloride
 Concen: 0.311 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

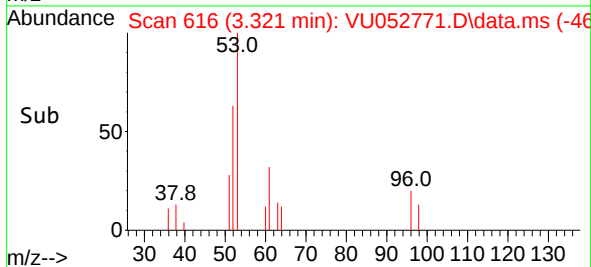
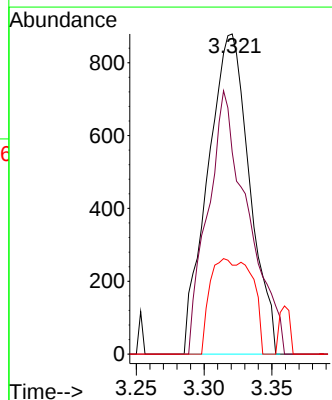
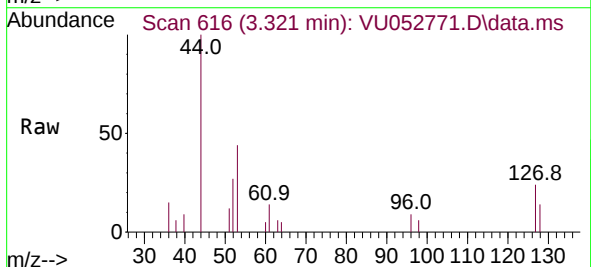
Instrument :
 MSVOA_U
 ClientSampleId :

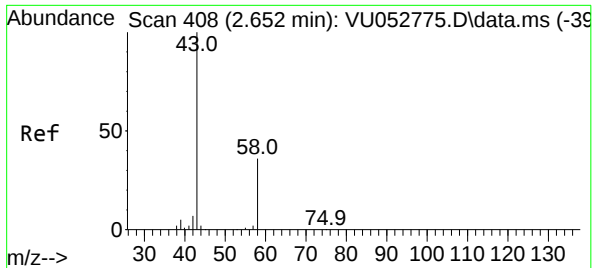
Tgt Ion: 41 Resp: 5349
 Ion Ratio Lower Upper
 41 100
 39 71.0 59.3 88.9



#12
 Acrylonitrile
 Concen: 0.595 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 53 Resp: 1880
 Ion Ratio Lower Upper
 53 100
 52 79.1 63.0 94.4
 51 29.9 31.3 46.9#





#13

Acetone

Concen: 2.605 ug/l

RT: 2.639 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

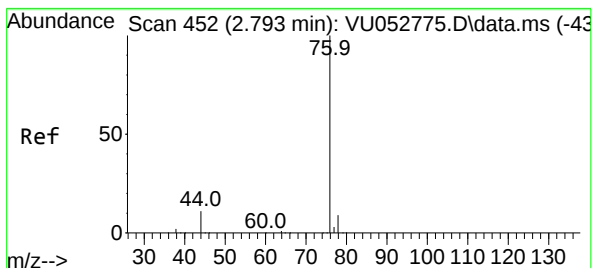
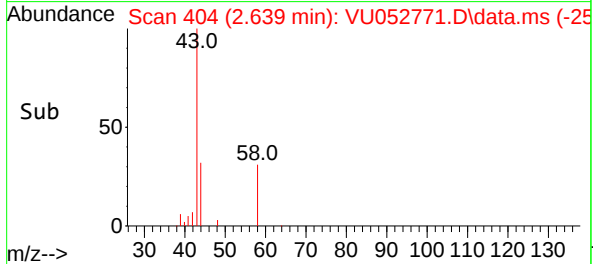
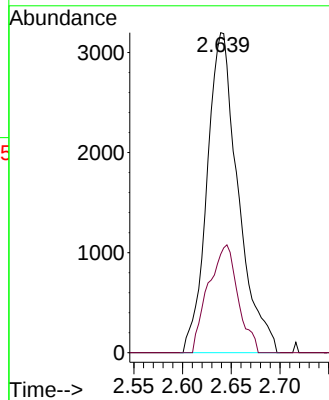
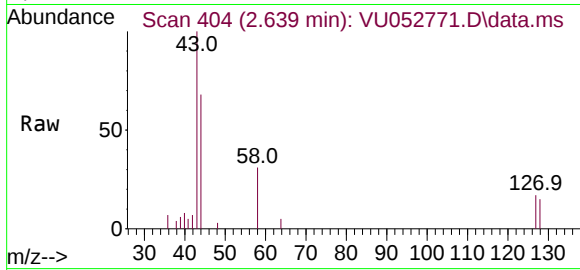
ClientSampleId :

Tgt Ion: 43 Resp: 7090

Ion Ratio Lower Upper

43 100

58 30.8 29.0 43.4



#14

Carbon Disulfide

Concen: 0.403 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052771.D

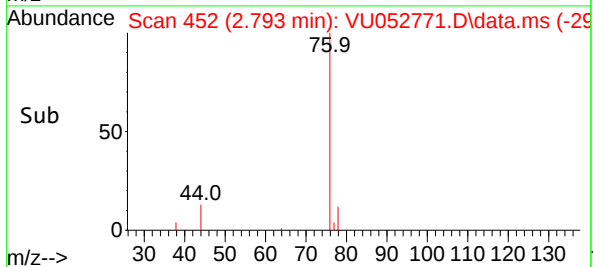
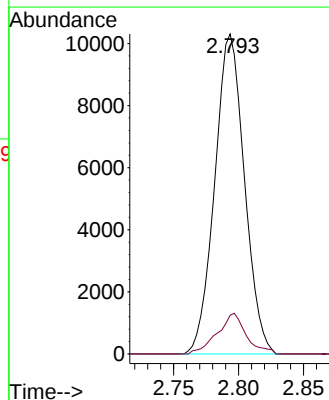
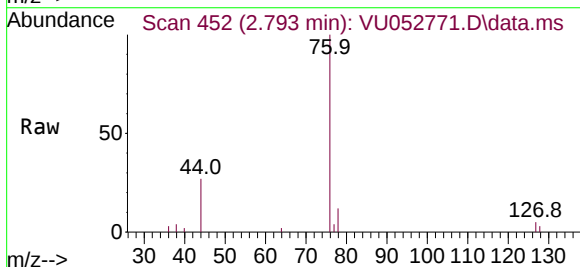
Acq: 23 Jan 2023 10:51

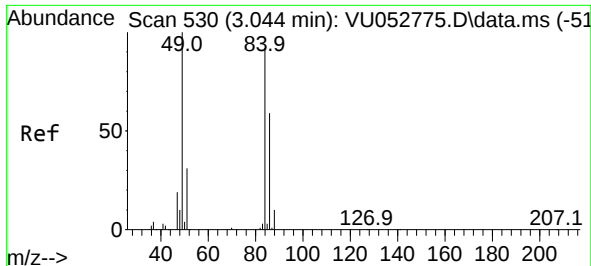
Tgt Ion: 76 Resp: 16390

Ion Ratio Lower Upper

76 100

78 12.1 7.1 10.7#



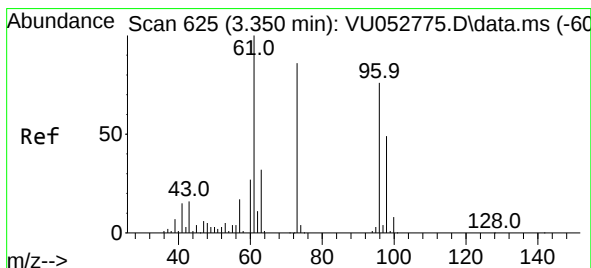
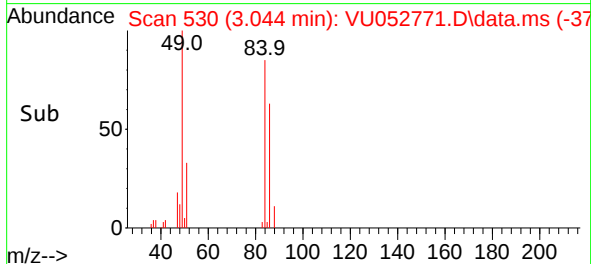
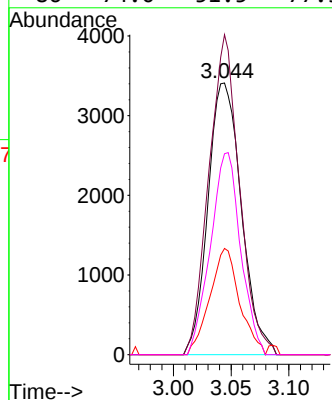
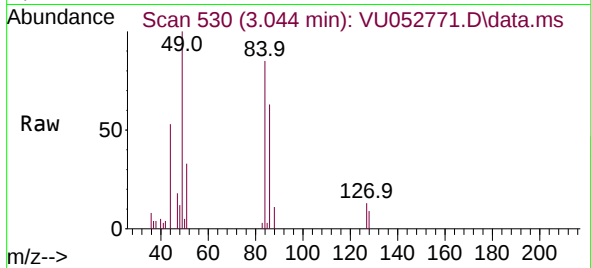


#15
Methylene Chloride
Concen: 0.340 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6858

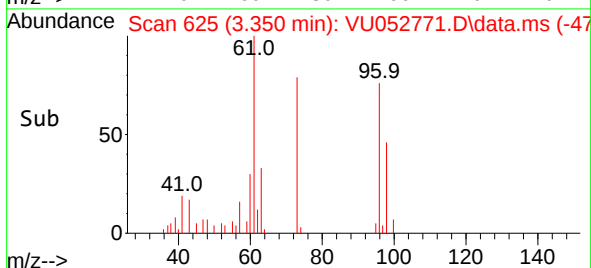
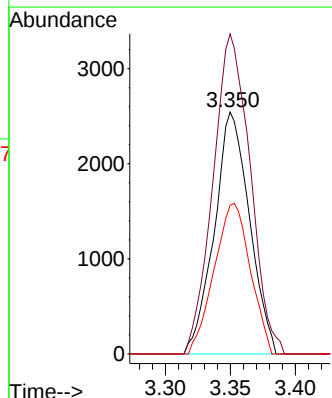
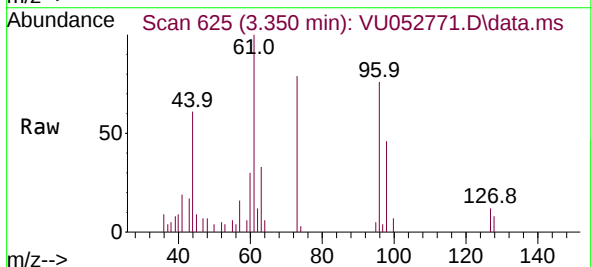
Ion	Ratio	Lower	Upper
84	100		
49	117.8	86.7	130.1
51	39.1	0.0	66.8
86	74.0	51.5	77.3

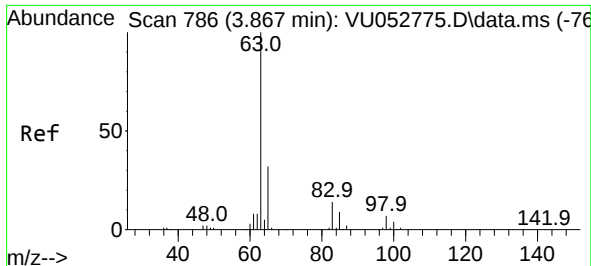


#16
trans-1,2-Dichloroethene
Concen: 0.342 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 96 Resp: 4784

Ion	Ratio	Lower	Upper
96	100		
61	132.3	105.7	158.5
98	61.4	51.4	77.2

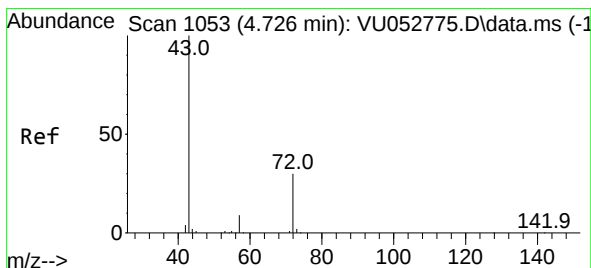
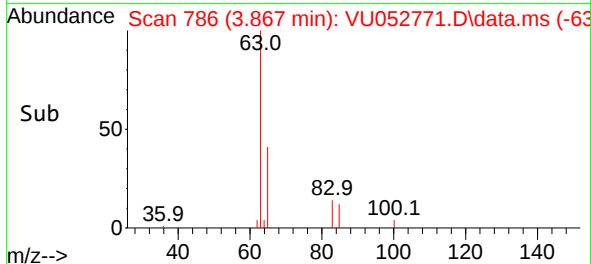
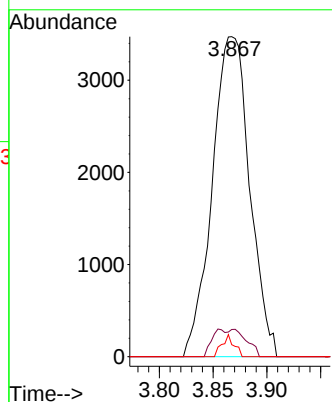
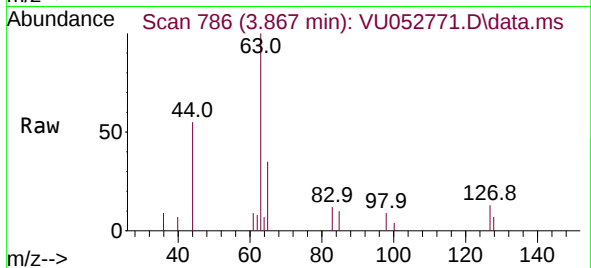




#17
1,1-Dichloroethane
Concen: 0.366 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

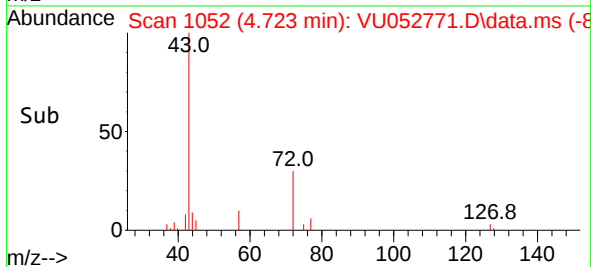
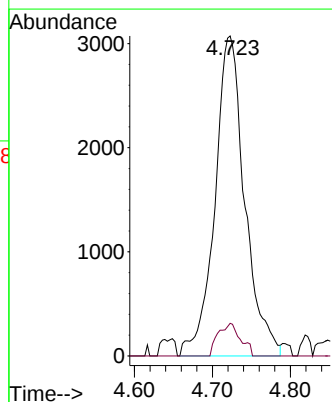
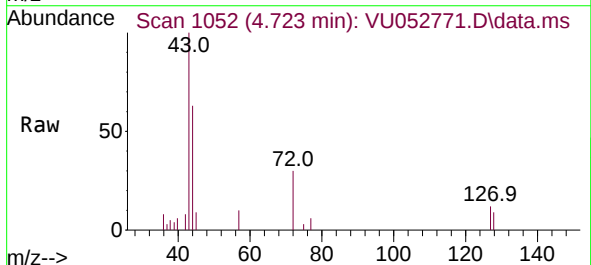
Instrument :
MSVOA_U
ClientSampleId :

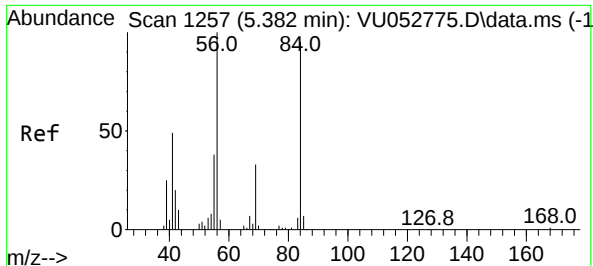
Tgt Ion: 63 Resp: 8421
Ion Ratio Lower Upper
63 100
98 8.5 3.8 11.2
100 3.7 2.2 6.6



#18
2-Butanone
Concen: 2.333 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 43 Resp: 8183
Ion Ratio Lower Upper
43 100
57 10.2 0.0 17.4





#19

Cyclohexane

Concen: 0.405 ug/l

RT: 5.385 min Scan# 1257

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

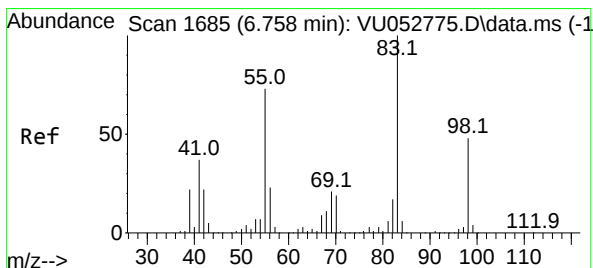
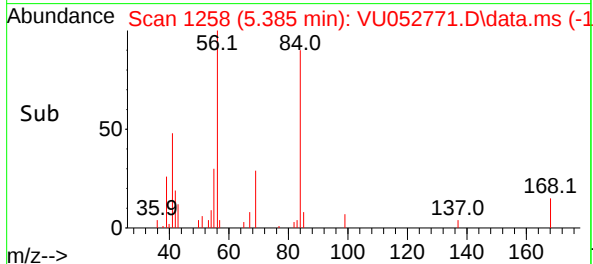
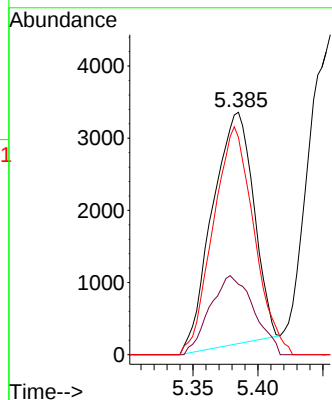
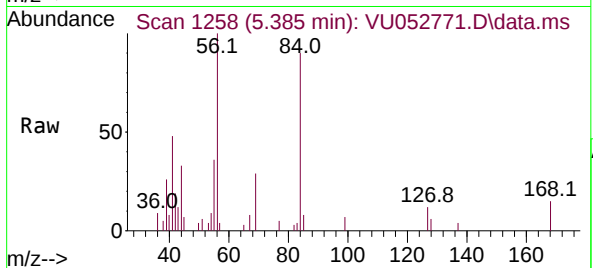
Tgt Ion: 56 Resp: 7128

Ion Ratio Lower Upper

56 100

69 36.1 26.8 40.2

84 96.8 77.0 115.6



#20

Methylcyclohexane

Concen: 0.391 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

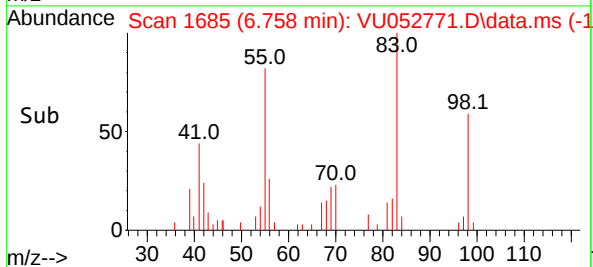
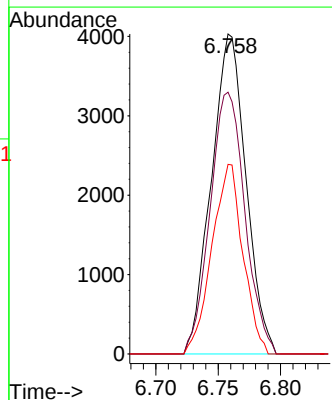
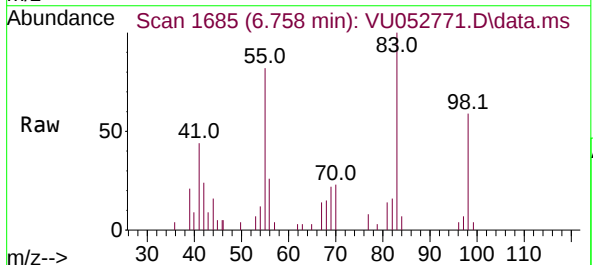
Tgt Ion: 83 Resp: 7782

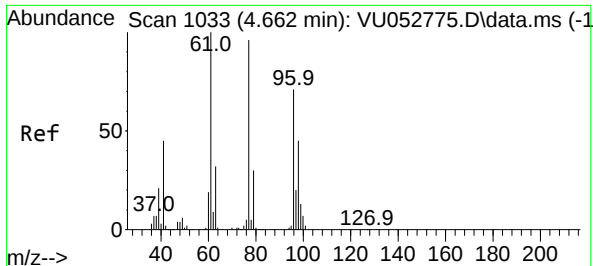
Ion Ratio Lower Upper

83 100

55 82.7 58.7 88.1

98 53.3 39.4 59.2





#21

2,2-Dichloropropane

Concen: 0.425 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

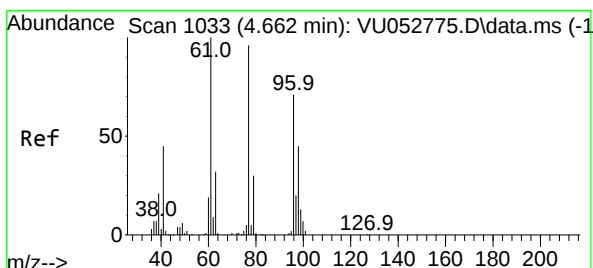
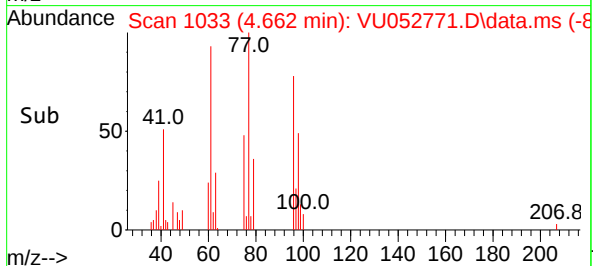
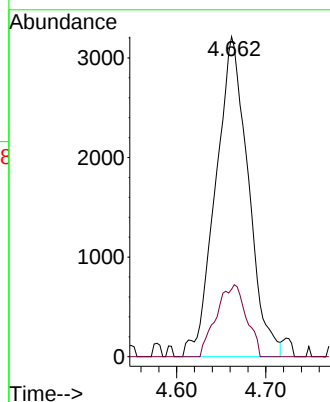
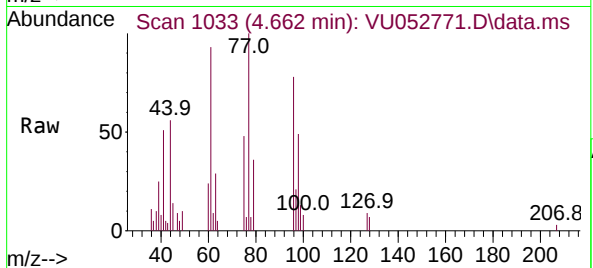
ClientSampleId :

Tgt Ion: 77 Resp: 8125

Ion Ratio Lower Upper

77 100

97 20.8 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 0.378 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

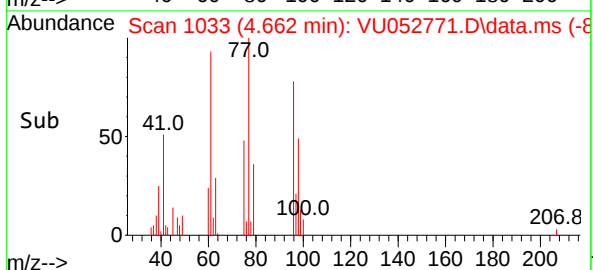
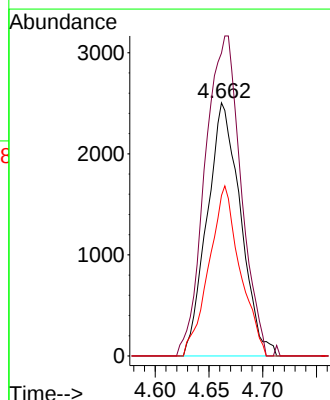
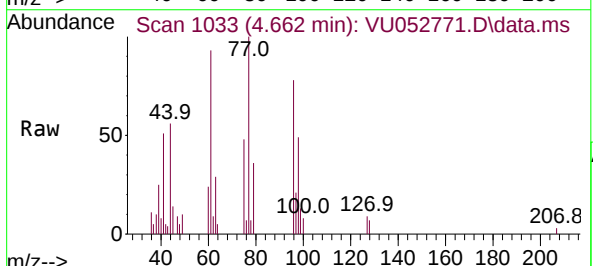
Tgt Ion: 96 Resp: 5409

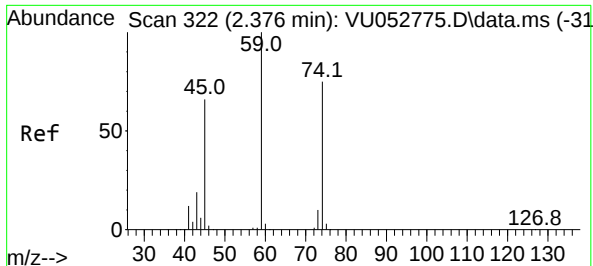
Ion Ratio Lower Upper

96 100

61 135.6 0.0 353.3

98 62.5 32.6 97.7





#23

Diethyl Ether

Concen: 0.320 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052771.D

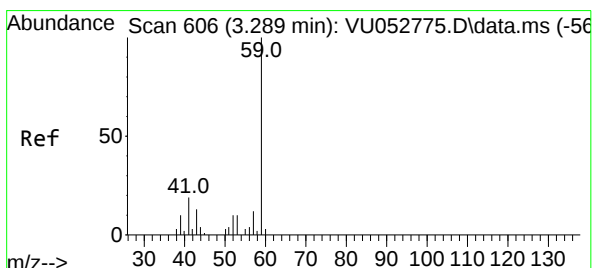
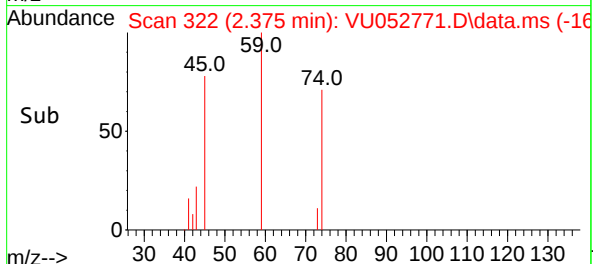
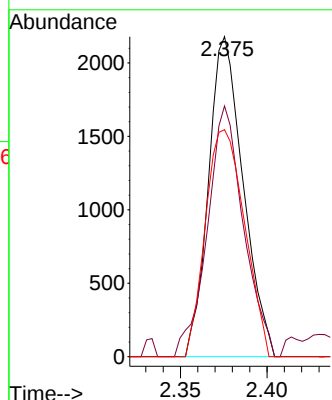
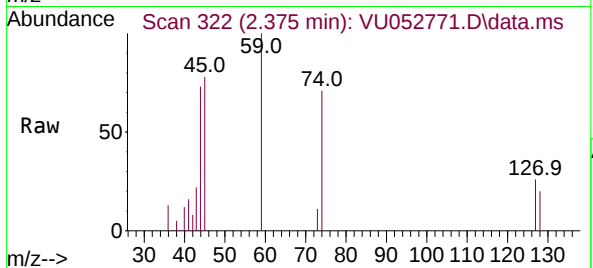
Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	59	Resp:	3030
Ion	Ratio	Lower	Upper
59	100		
45	81.6	52.1	78.1#
74	80.2	61.6	92.4



#24

tert-Butyl Alcohol

Concen: 0.534 ug/l

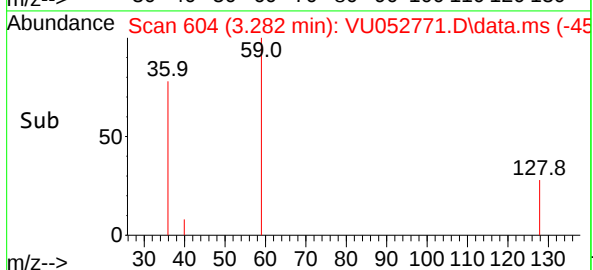
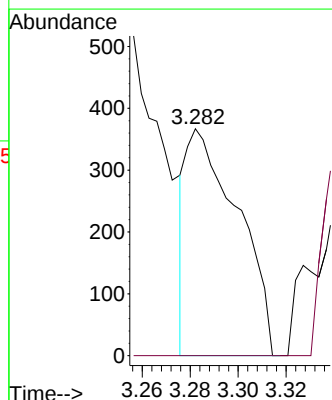
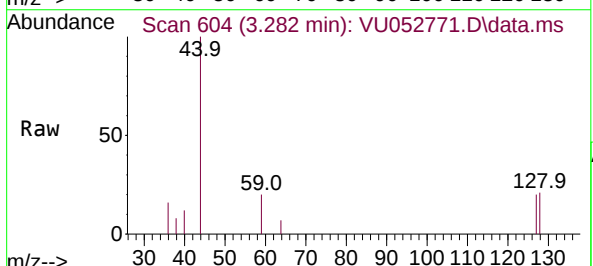
RT: 3.282 min Scan# 604

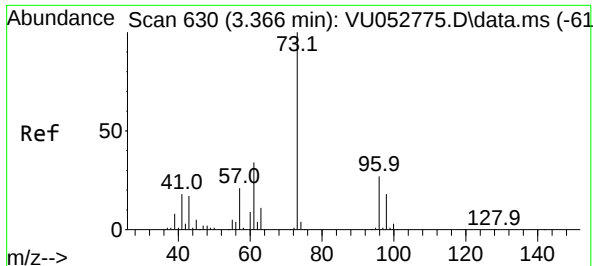
Delta R.T. -0.007 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:	59	Resp:	549
Ion	Ratio	Lower	Upper
59	100		
57	0.0	45.8	68.8#

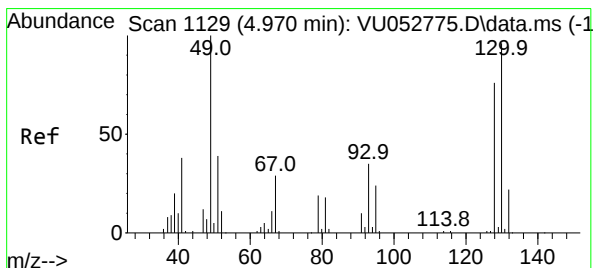
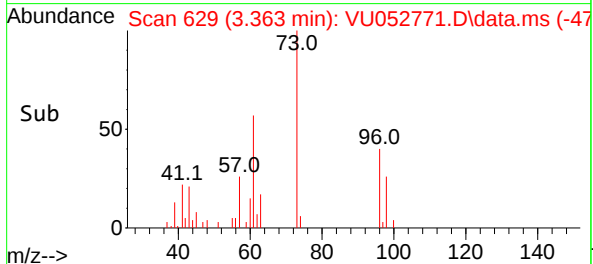
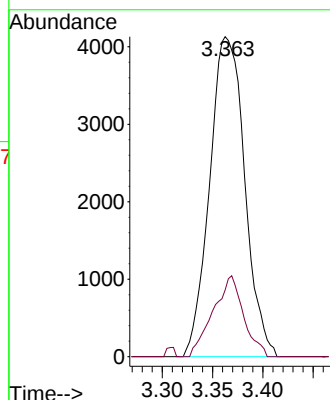
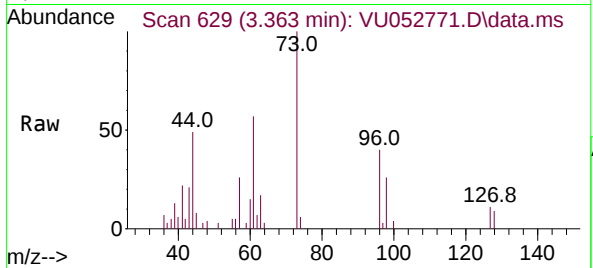




#25
Methyl tert-Butyl Ether
Concen: 0.320 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

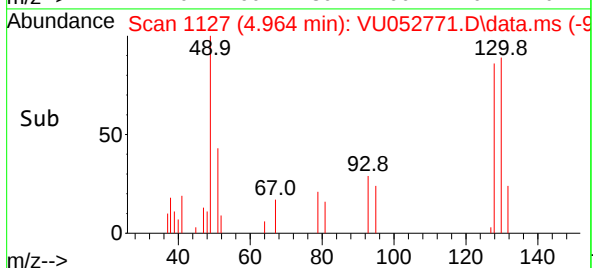
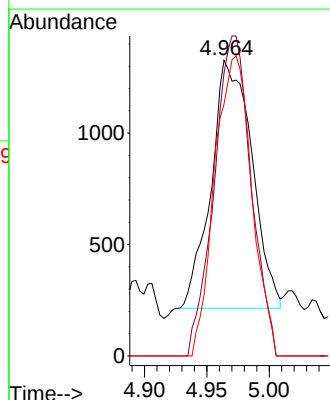
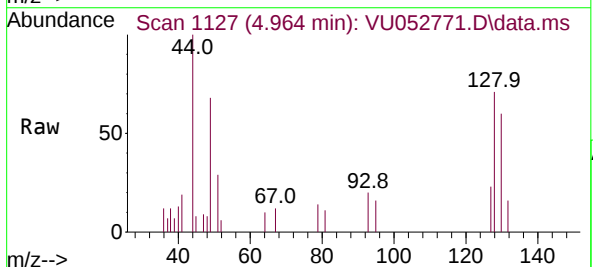
Instrument :
MSVOA_U
ClientSampleId :

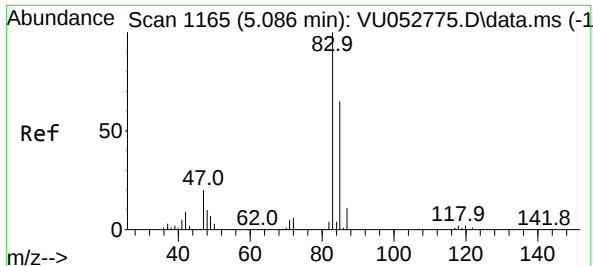
Tgt Ion: 73 Resp: 10012
Ion Ratio Lower Upper
73 100
43 21.9 15.3 22.9



#26
Bromochloromethane
Concen: 0.359 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.007 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:128 Resp: 2537
Ion Ratio Lower Upper
128 100
49 116.9 0.0 265.0
130 110.1 100.7 151.1





#27

Chloroform

Concen: 0.383 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

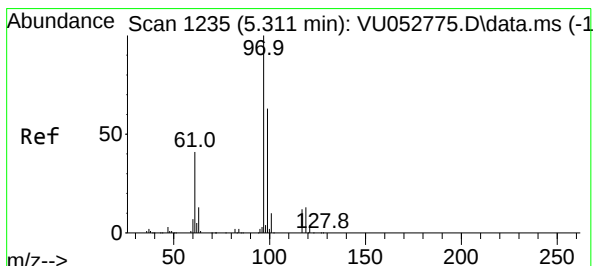
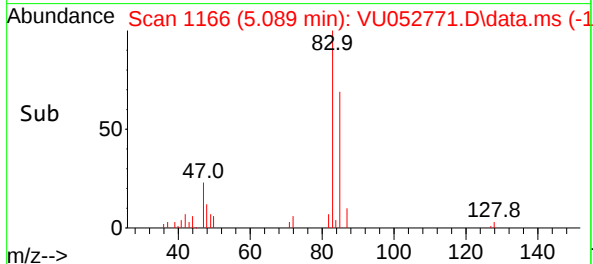
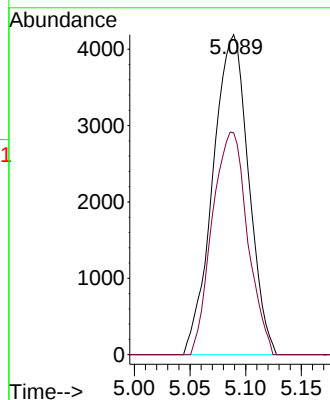
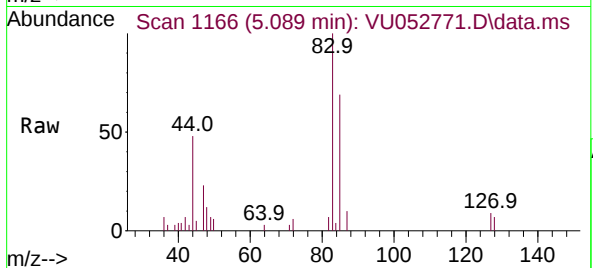
ClientSampleId :

Tgt Ion: 83 Resp: 9367

Ion Ratio Lower Upper

83 100

85 69.3 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 0.401 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

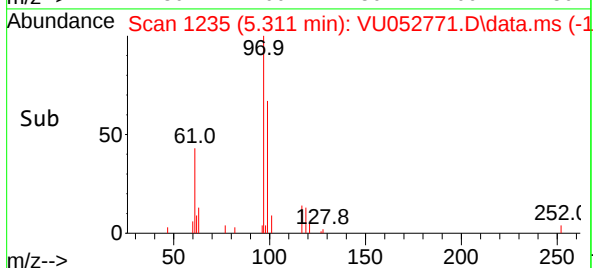
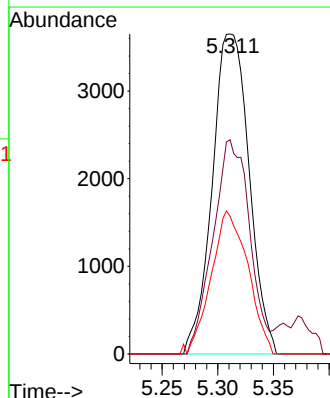
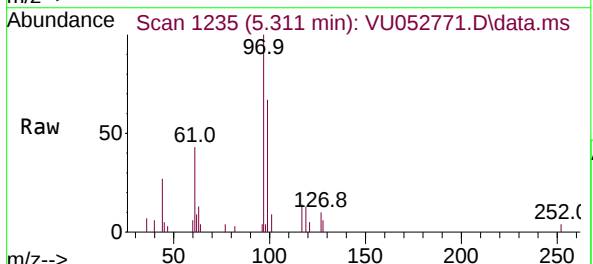
Tgt Ion: 97 Resp: 8418

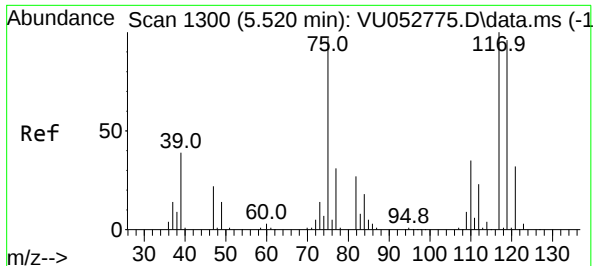
Ion Ratio Lower Upper

97 100

99 66.5 31.9 95.5

61 44.5 20.8 62.2





#29

1,1-Dichloropropene

Concen: 0.395 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

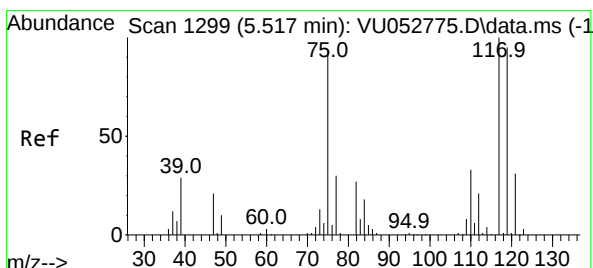
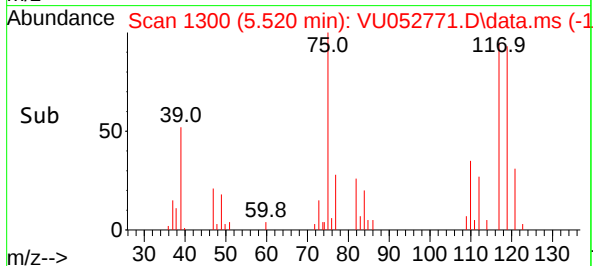
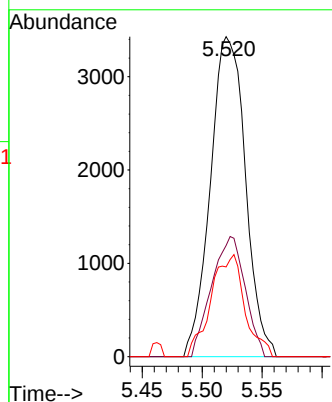
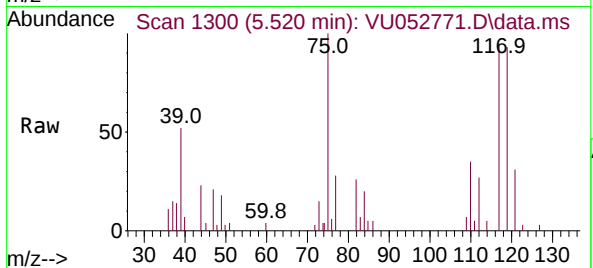
Tgt Ion: 75 Resp: 6972

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

77 30.8 24.8 37.2



#30

Carbon Tetrachloride

Concen: 0.382 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

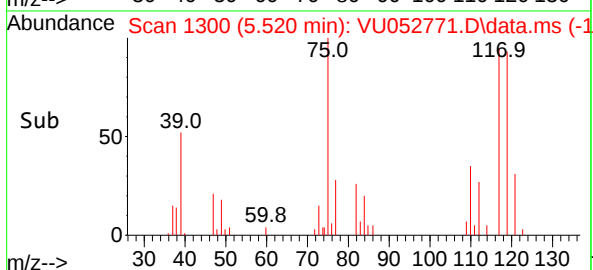
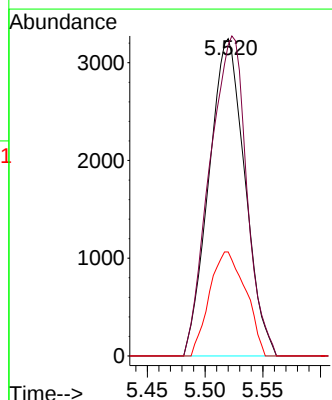
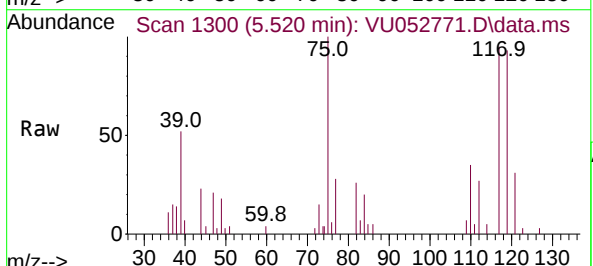
Tgt Ion: 117 Resp: 7034

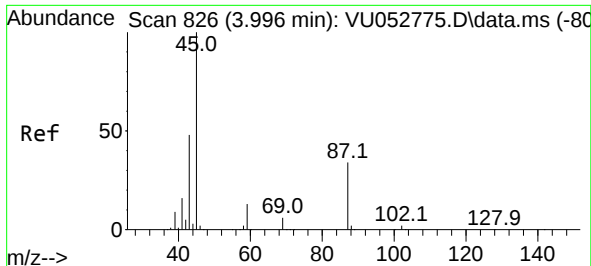
Ion Ratio Lower Upper

117 100

119 98.0 76.4 114.6

121 32.8 25.0 37.6

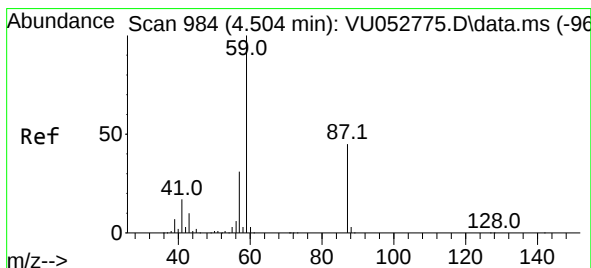
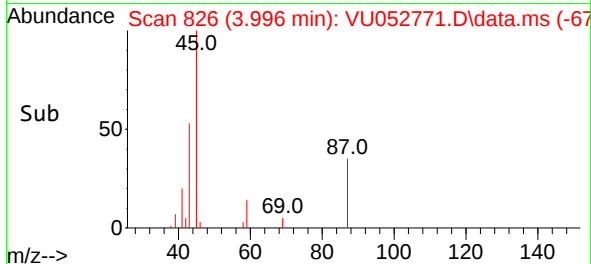
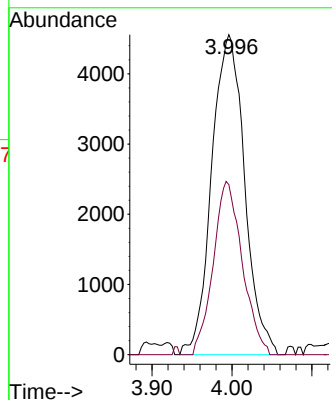
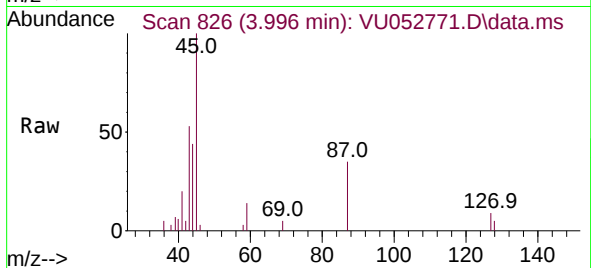




#31
Isopropyl Ether
Concen: 0.409 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

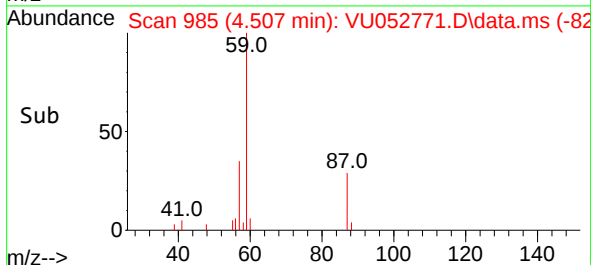
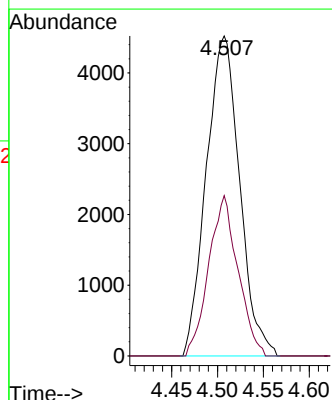
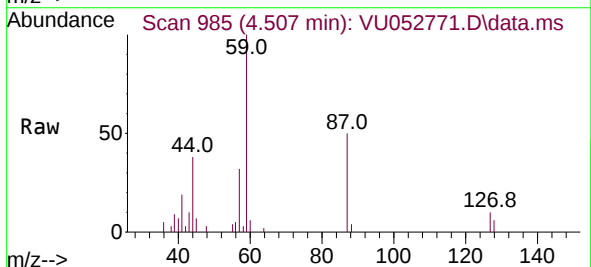
Instrument :
MSVOA_U
ClientSampleId :

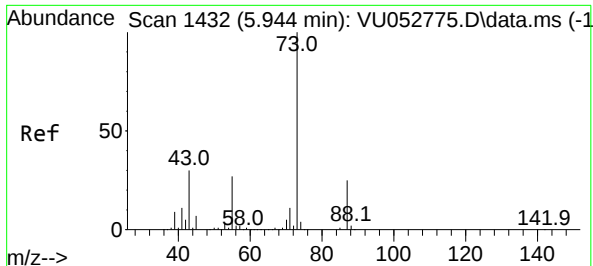
Tgt Ion: 45 Resp: 13024
Ion Ratio Lower Upper
45 100
43 47.7 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 0.372 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 59 Resp: 11442
Ion Ratio Lower Upper
59 100
87 43.9 36.2 54.2

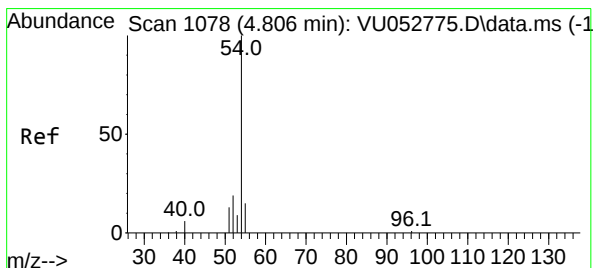
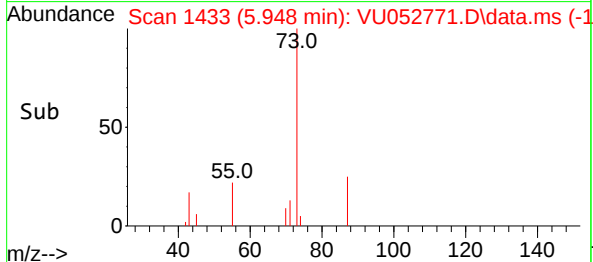
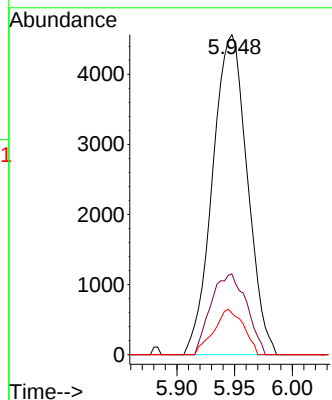
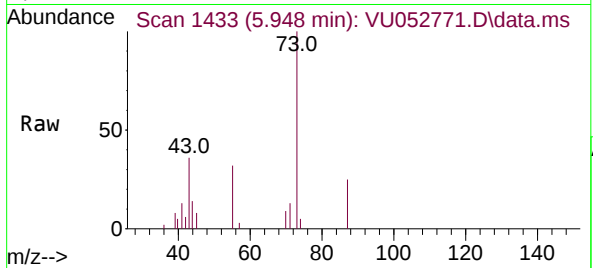




#33
Tert-Amyl methyl ether
Concen: 0.345 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

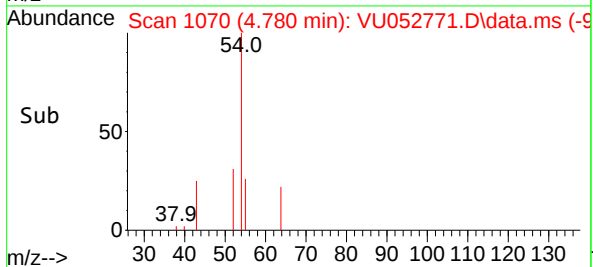
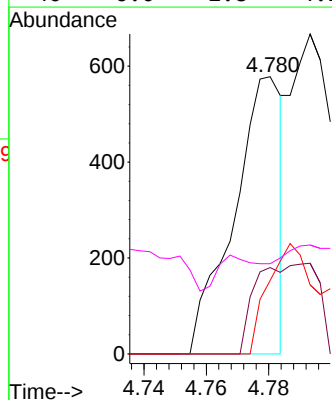
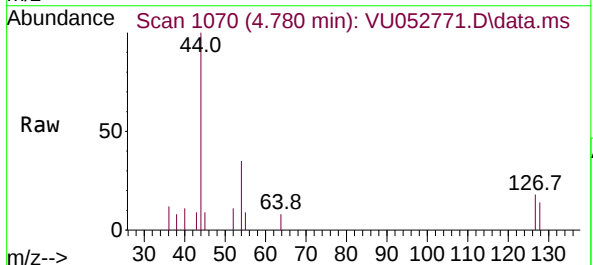
Instrument :
MSVOA_U
ClientSampleId :

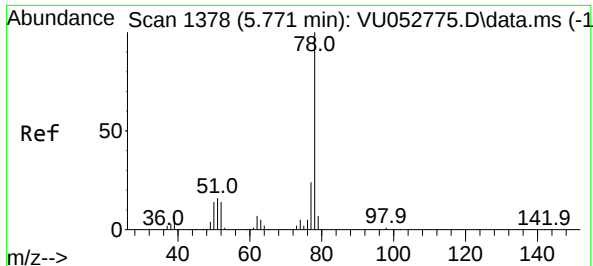
Tgt Ion: 73 Resp: 9547
Ion Ratio Lower Upper
73 100
87 25.9 20.1 30.1
71 12.2 9.2 13.8



#34
Propionitrile
Concen: 0.572 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. -0.026 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 54 Resp: 618
Ion Ratio Lower Upper
54 100
52 42.1 16.9 25.3#
55 51.6 118.6 178.0#
40 6.0 2.8 4.2#

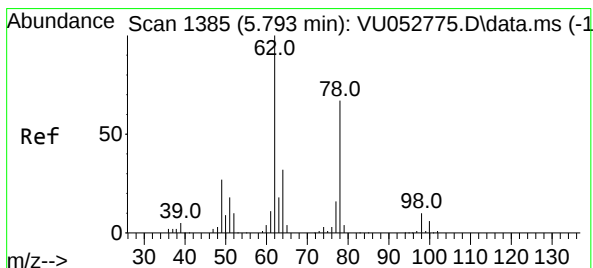
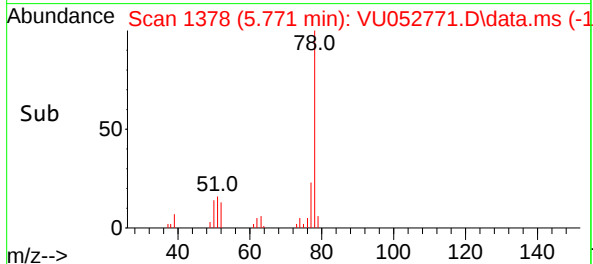
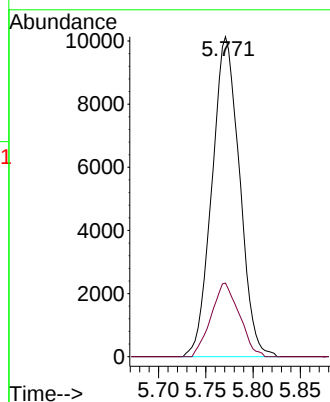
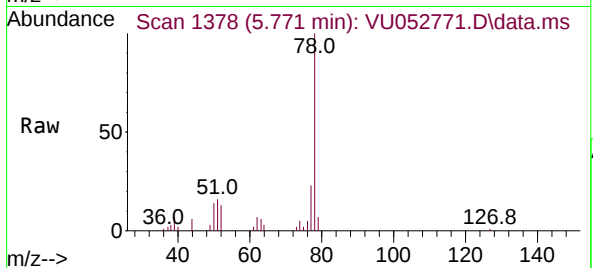




#35
Benzene
Concen: 0.390 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

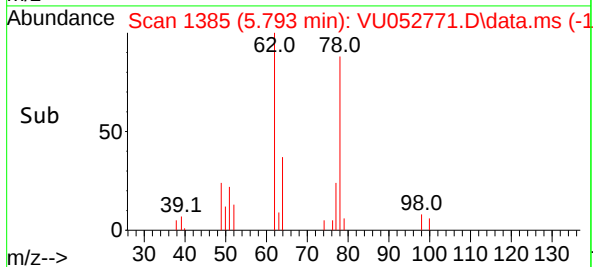
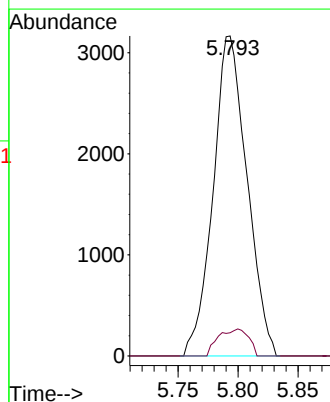
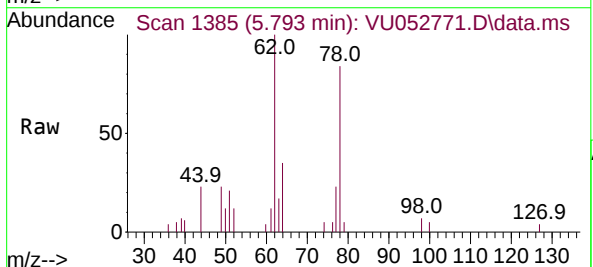
Instrument :
MSVOA_U
ClientSampleId :

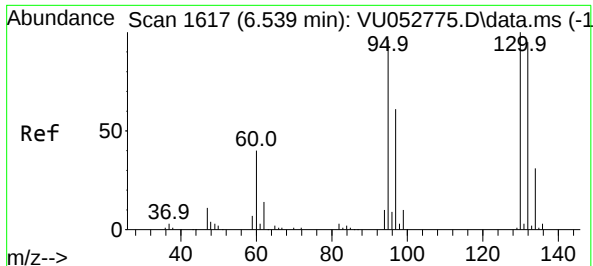
Tgt Ion: 78 Resp: 20544
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.400 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 62 Resp: 6223
Ion Ratio Lower Upper
62 100
98 7.5 7.5 11.3#





#37

Trichloroethene

Concen: 0.368 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

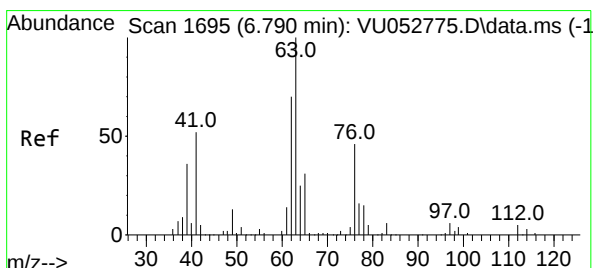
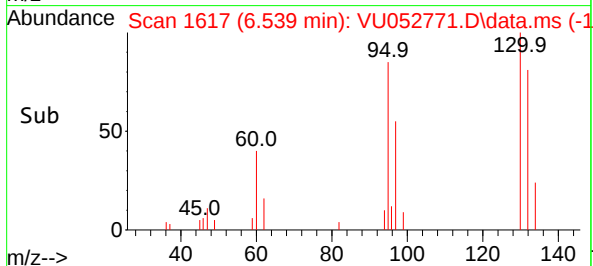
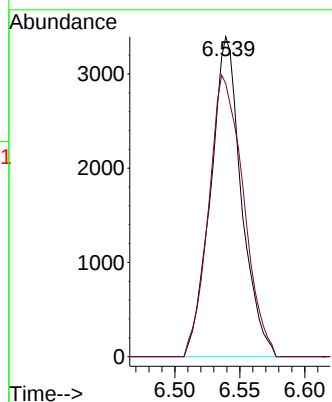
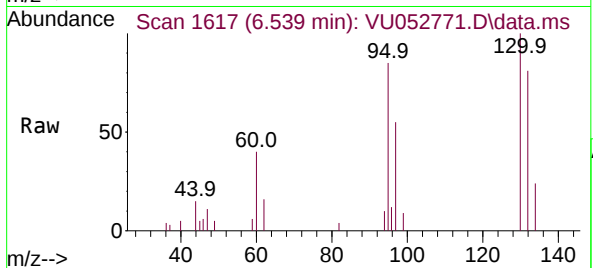
ClientSampleId :

Tgt Ion:130 Resp: 5587

Ion Ratio Lower Upper

130 100

95 85.3 76.6 114.8



#38

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU052771.D

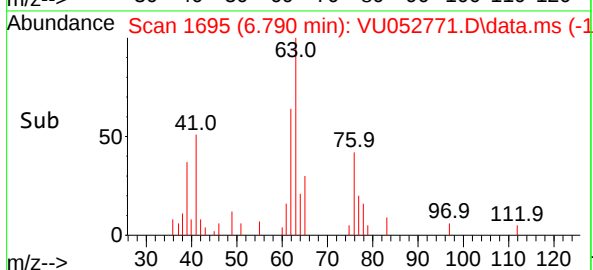
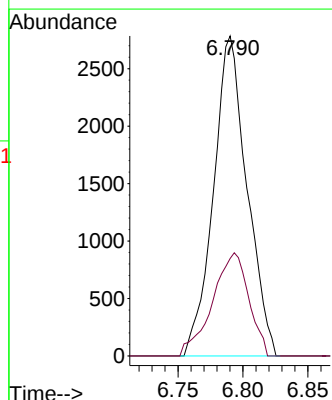
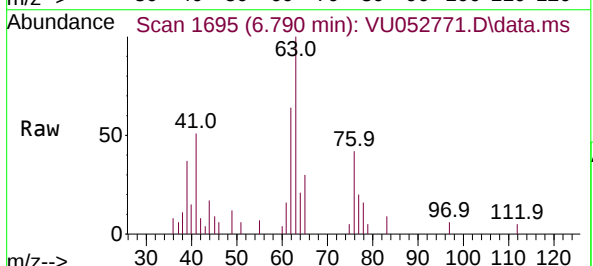
Acq: 23 Jan 2023 10:51

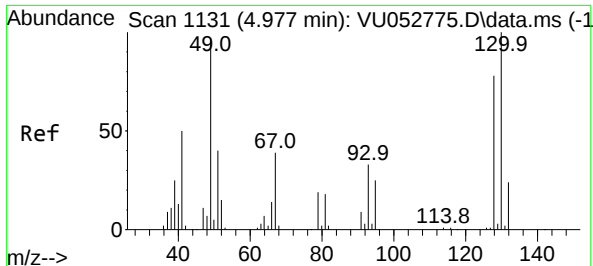
Tgt Ion: 63 Resp: 4990

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8





#39

Methacrylonitrile

Concen: 0.365 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

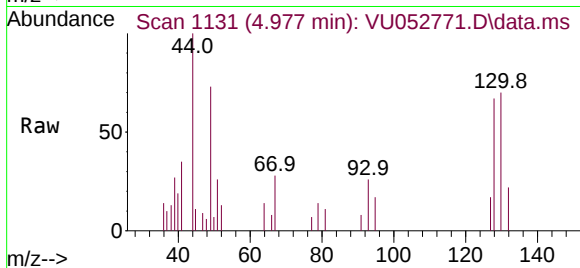
Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1415

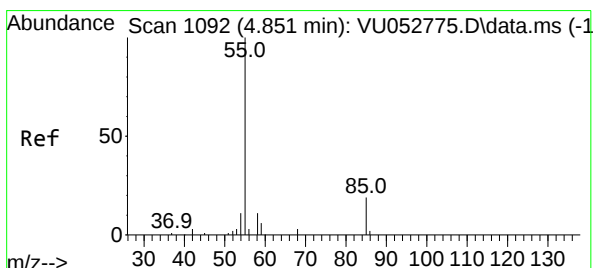
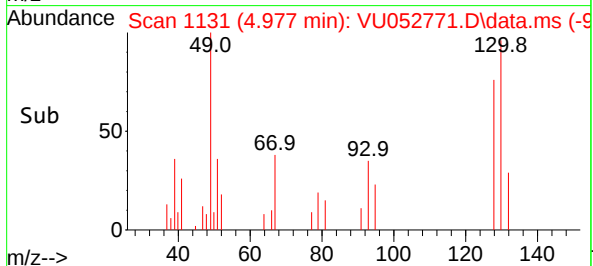
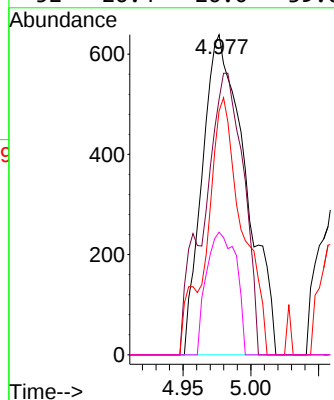
Ion Ratio Lower Upper

41 100

67 80.4 64.9 97.3

39 66.0 41.7 62.5#

52 26.4 26.0 39.0



#40

Methyl acrylate

Concen: 0.213 ug/l

RT: 4.842 min Scan# 1089

Delta R.T. -0.010 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion: 55 Resp: 1370

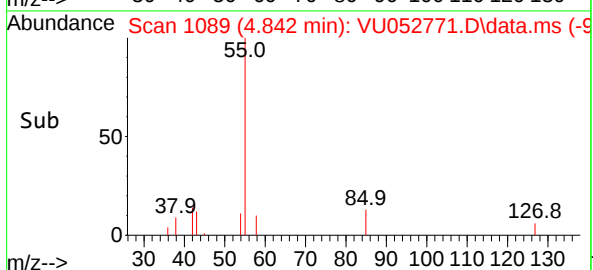
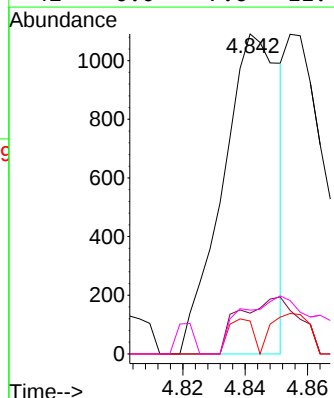
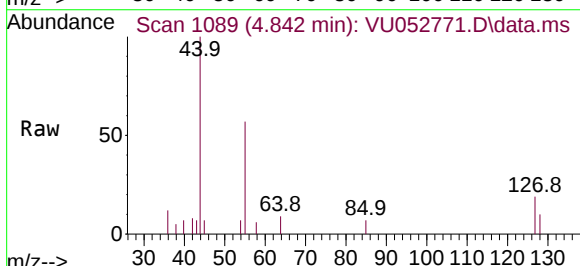
Ion Ratio Lower Upper

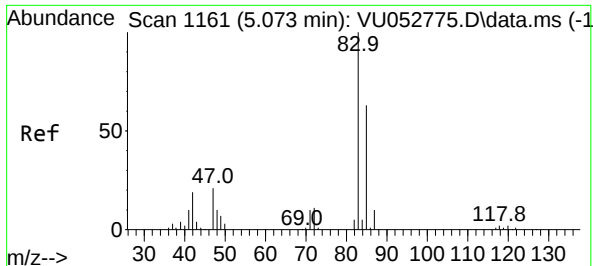
55 100

85 0.0 14.4 21.6#

58 4.7 7.3 10.9#

42 0.0 7.6 11.4#





#41

Tetrahydrofuran

Concen: 0.698 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU052771.D

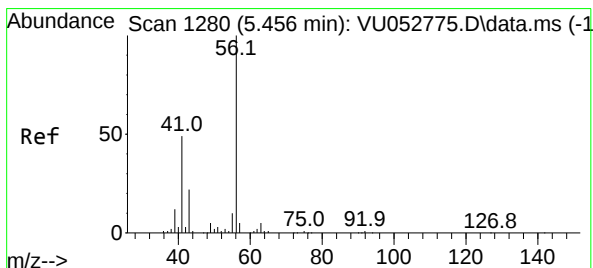
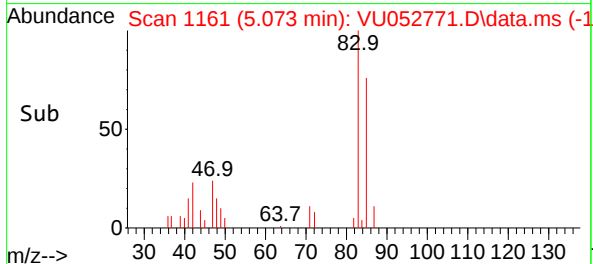
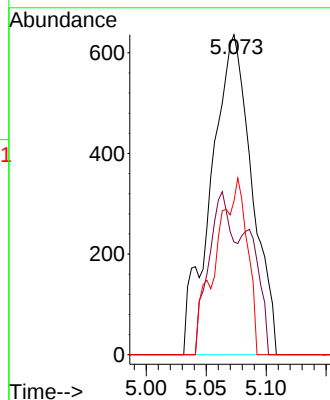
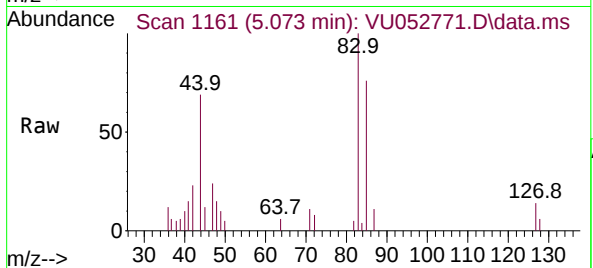
Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1506
Ion	Ratio	Lower	Upper
42	100		
72	31.7	49.1	73.7#
71	42.4	43.8	65.6#



#42

1-Chlorobutane

Concen: 0.424 ug/l

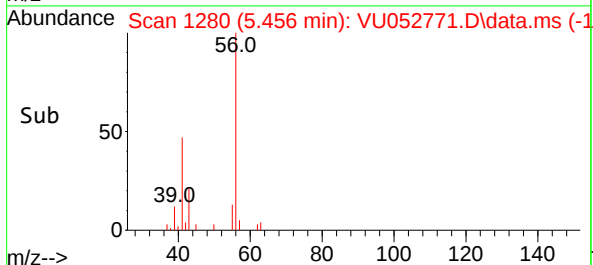
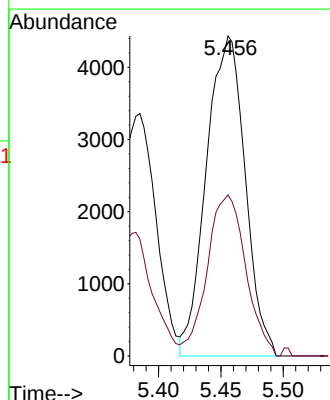
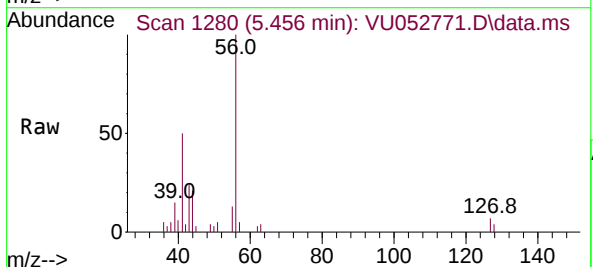
RT: 5.456 min Scan# 1280

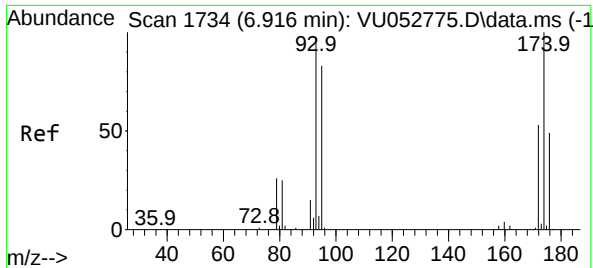
Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:	56	Resp:	9591
Ion	Ratio	Lower	Upper
56	100		
41	50.2	24.5	73.5

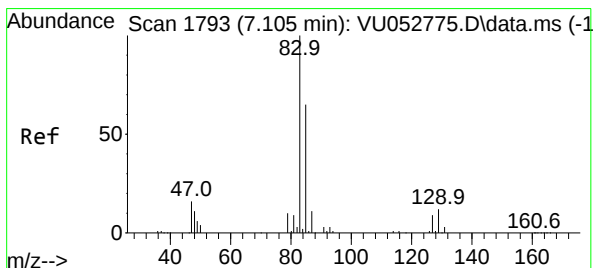
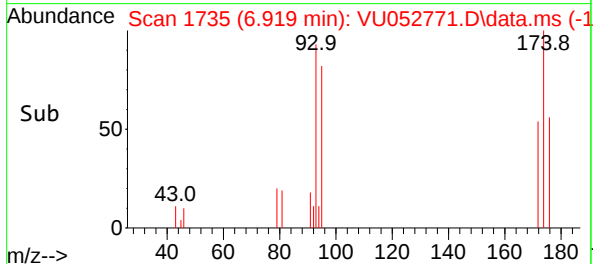
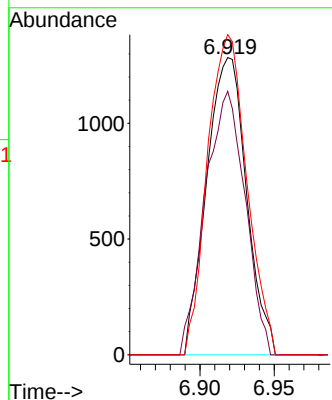
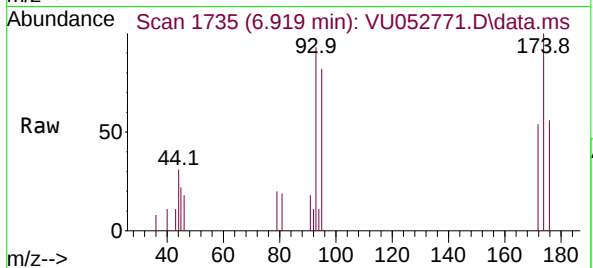




#43
Dibromomethane
Concen: 0.318 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

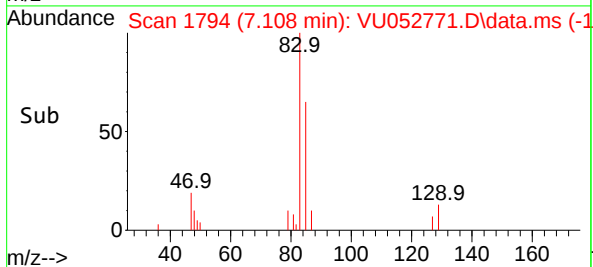
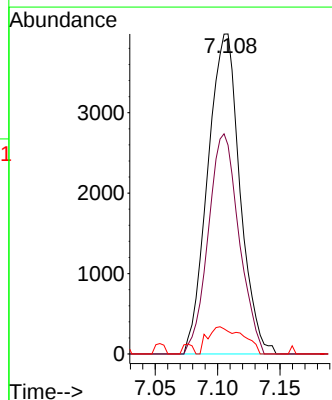
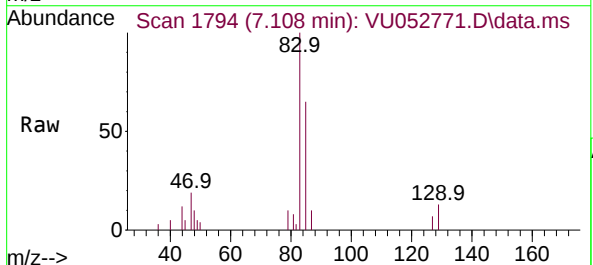
Instrument :
MSVOA_U
ClientSampleId :

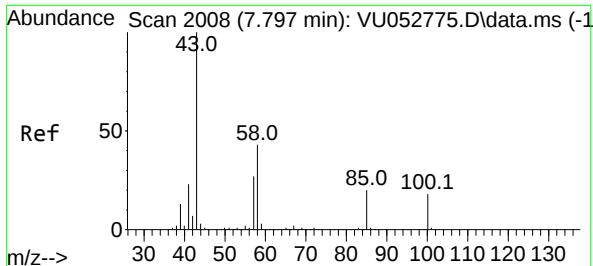
Tgt Ion: 93 Resp: 2398
Ion Ratio Lower Upper
93 100
95 88.7 67.0 100.6
174 106.2 82.2 123.4



#44
Bromodichloromethane
Concen: 0.400 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 83 Resp: 7144
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1
127 7.0 7.2 10.8#





#45

4-Methyl-2-Pentanone

Concen: 1.614 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

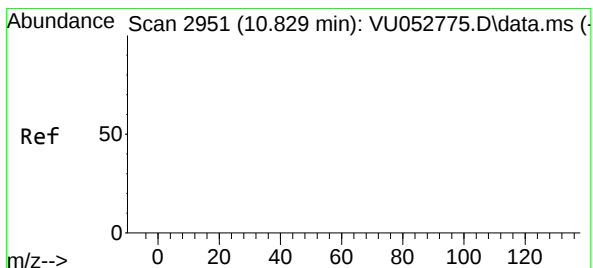
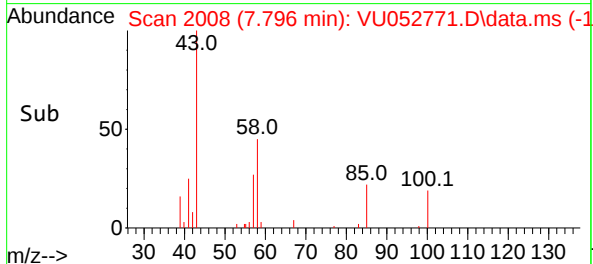
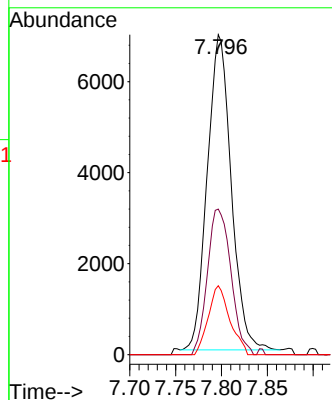
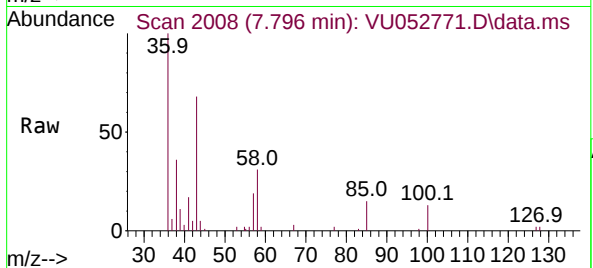
Tgt Ion: 43 Resp: 12583

Ion Ratio Lower Upper

43 100

58 45.4 21.7 65.1

85 19.6 16.2 24.4



#46

t-1,4-Dichloro-2-butene

Concen: 1.397 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion: 75 Resp: 5187

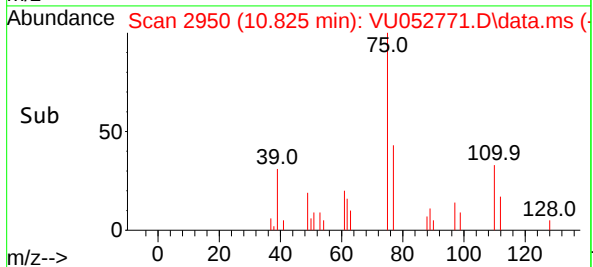
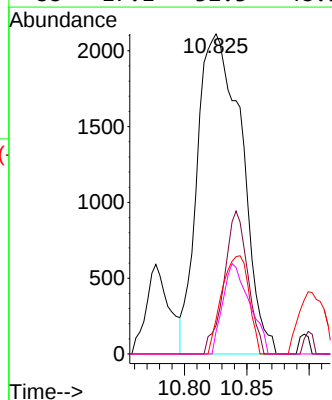
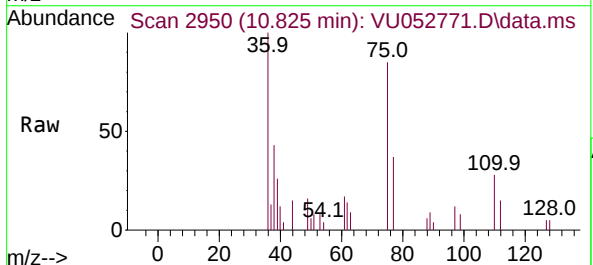
Ion Ratio Lower Upper

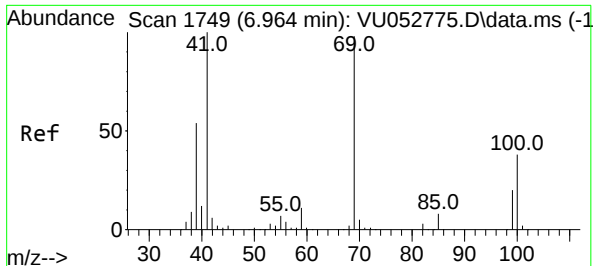
75 100

53 24.0 57.0 85.4#

89 18.9 41.1 61.7#

88 17.1 32.3 48.5#





#47

Methyl methacrylate

Concen: 0.690 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 4264

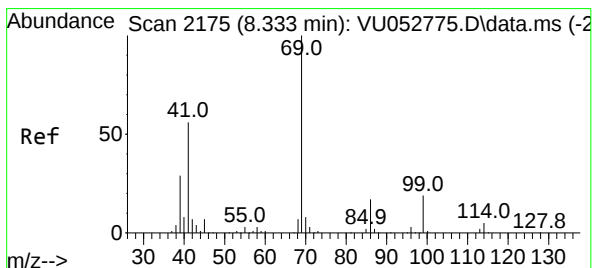
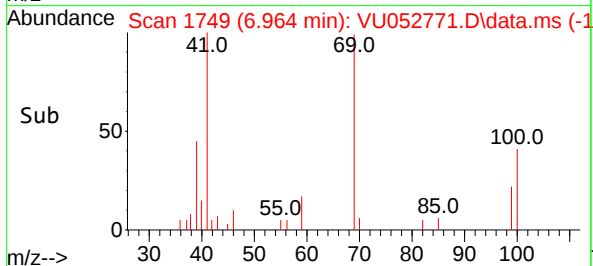
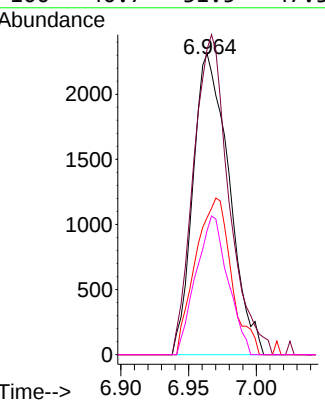
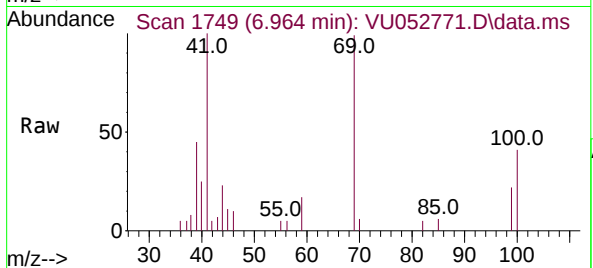
Ion Ratio Lower Upper

69 100

41 104.3 0.0 201.8

39 51.7 44.0 66.0

100 40.7 31.5 47.3



#48

Ethyl methacrylate

Concen: 0.328 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052771.D

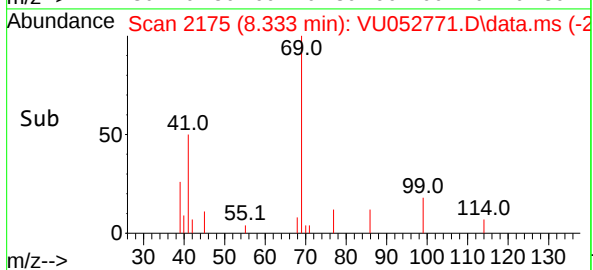
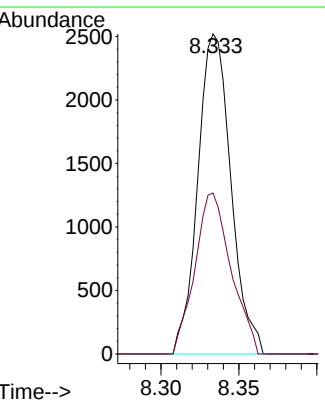
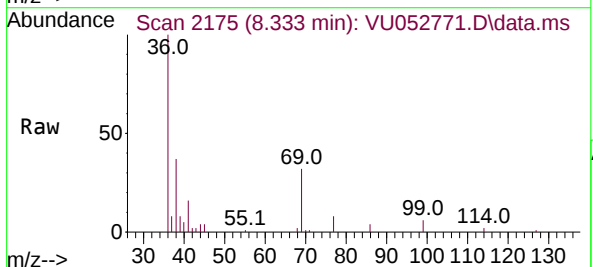
Acq: 23 Jan 2023 10:51

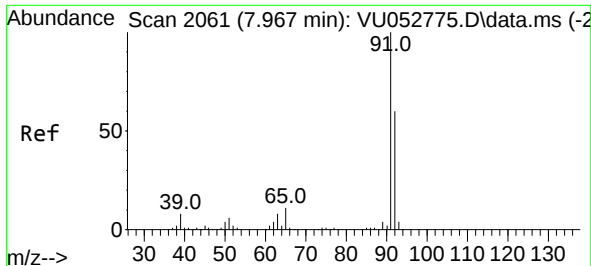
Tgt Ion: 69 Resp: 3724

Ion Ratio Lower Upper

69 100

41 54.7 28.1 84.4





#49

Toluene

Concen: 0.361 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

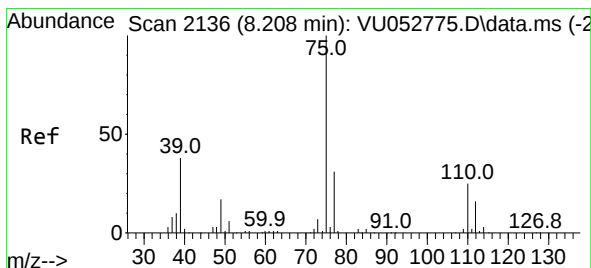
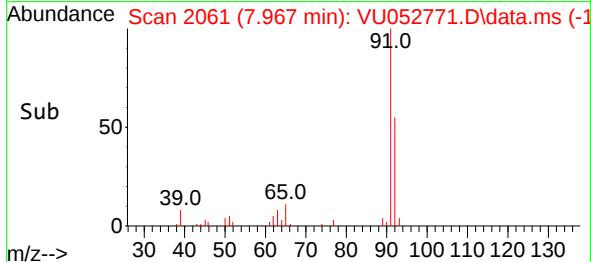
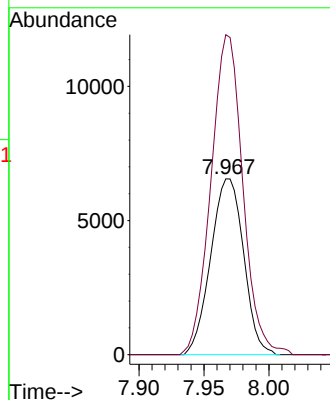
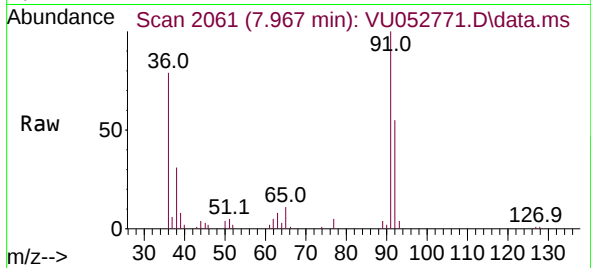
ClientSampleId :

Tgt Ion: 92 Resp: 11546

Ion Ratio Lower Upper

92 100

91 176.3 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 0.376 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052771.D

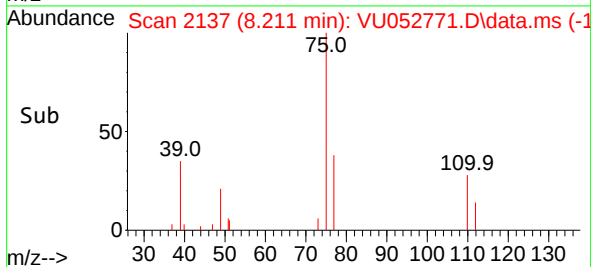
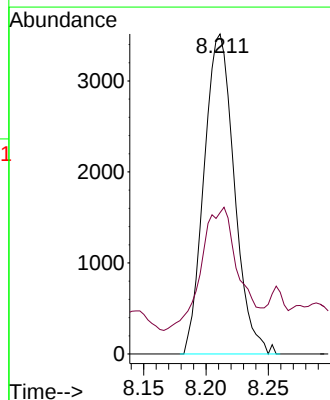
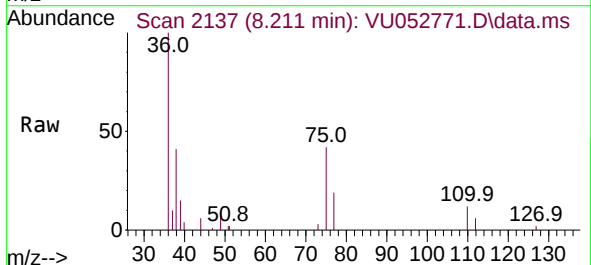
Acq: 23 Jan 2023 10:51

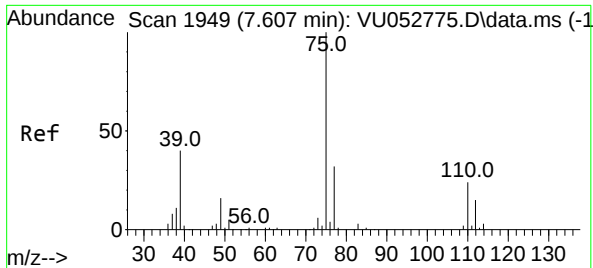
Tgt Ion: 75 Resp: 5936

Ion Ratio Lower Upper

75 100

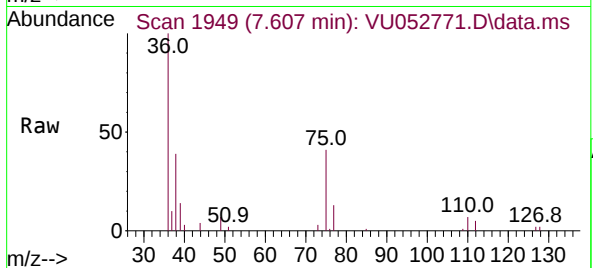
77 33.7 24.4 36.6





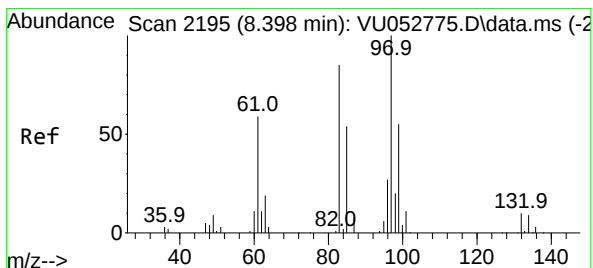
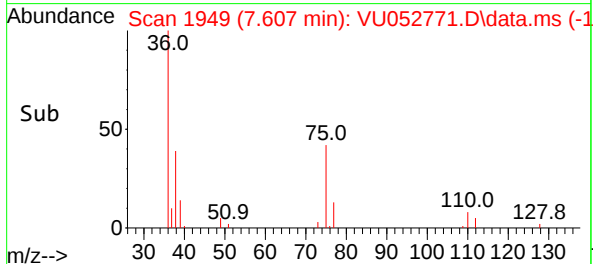
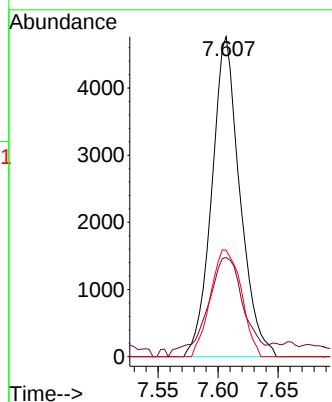
#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7749

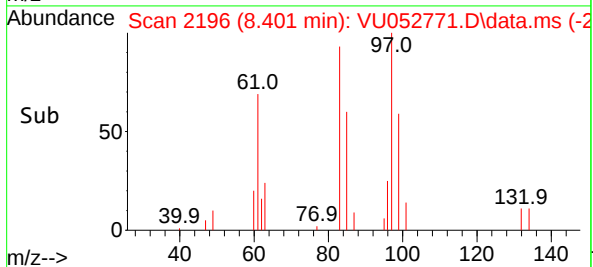
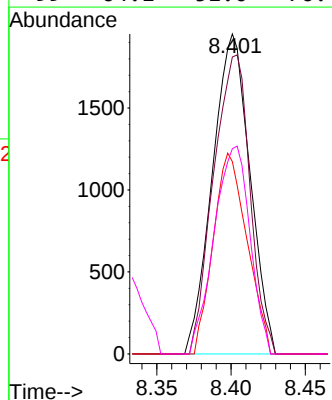
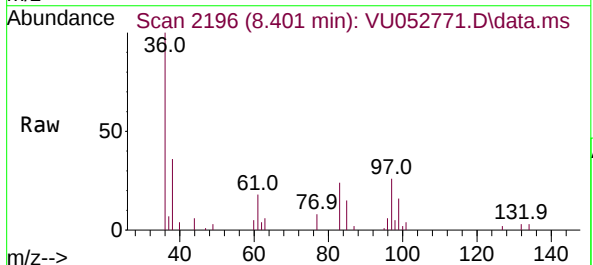
Ion	Ratio	Lower	Upper
75	100		
77	28.1	25.5	38.3
39	33.3	32.3	48.5

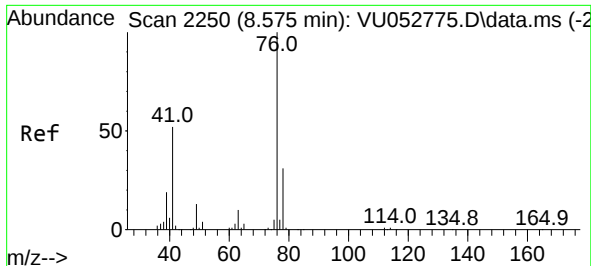


#52
 1,1,2-Trichloroethane
 Concen: 0.320 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 97 Resp: 3422

Ion	Ratio	Lower	Upper
97	100		
83	92.8	68.2	102.2
85	60.1	44.5	66.7
99	64.1	51.0	76.4





#53

1,3-Dichloropropane

Concen: 0.344 ug/l

RT: 8.575 min Scan# 2110

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

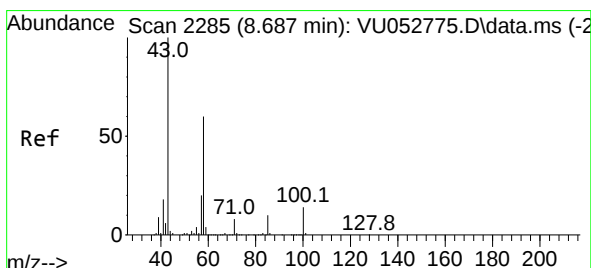
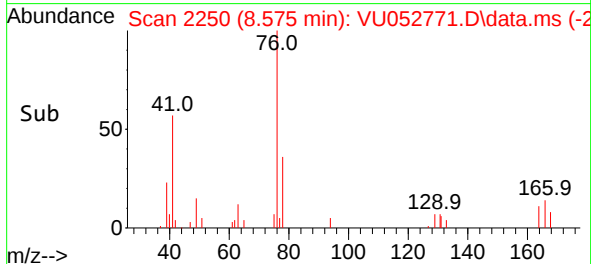
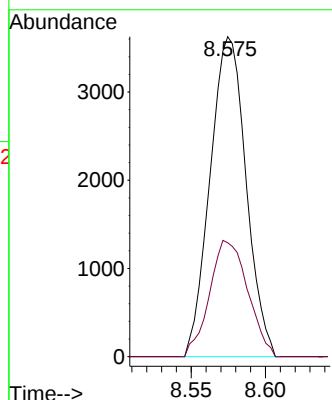
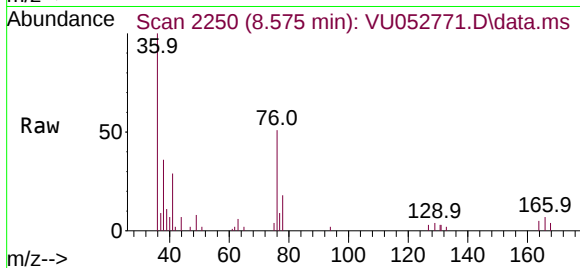
ClientSampleId :

Tgt Ion: 76 Resp: 6110

Ion Ratio Lower Upper

76 100

78 38.5 25.2 37.8#



#54

2-Hexanone

Concen: 1.912 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

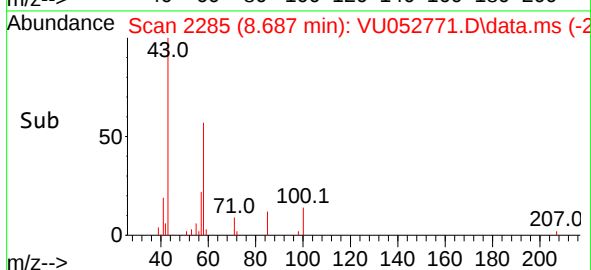
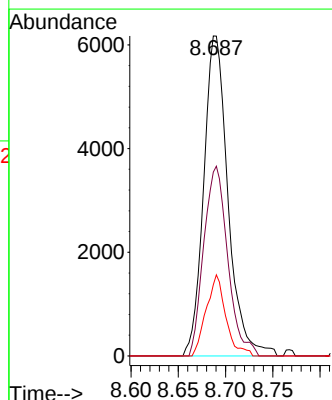
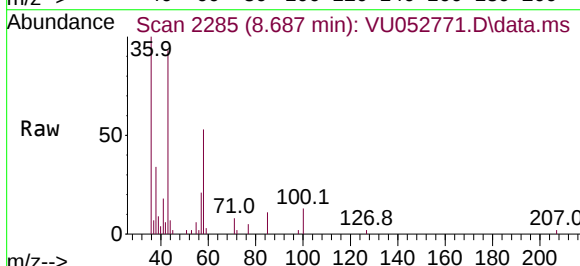
Tgt Ion: 43 Resp: 11062

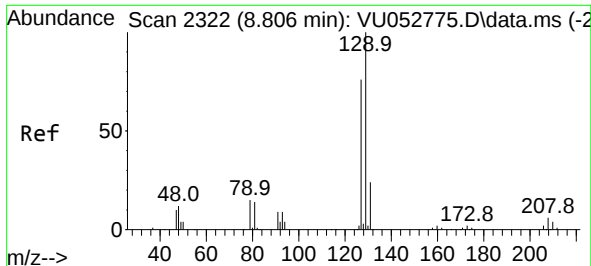
Ion Ratio Lower Upper

43 100

58 58.2 40.0 80.0

57 20.5 0.6 40.6

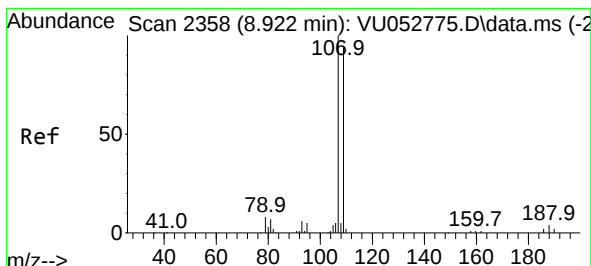
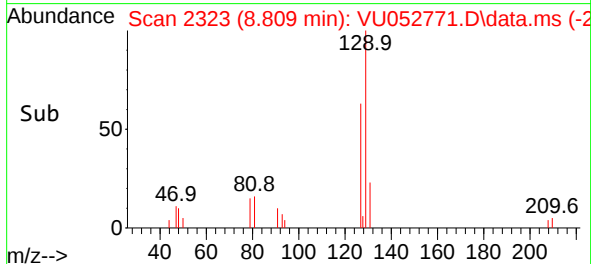
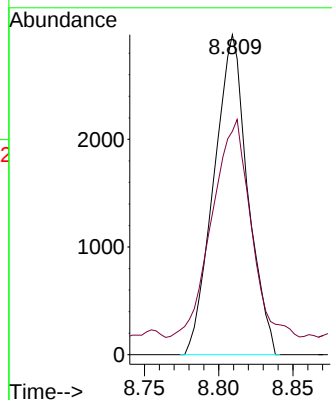
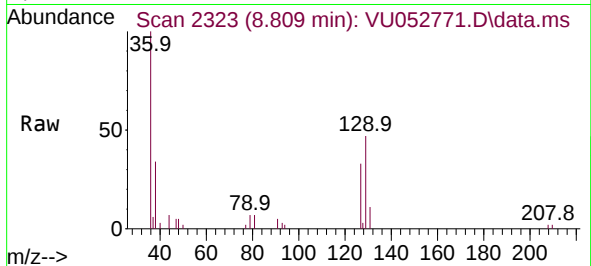




#55
Dibromochloromethane
Concen: 0.366 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

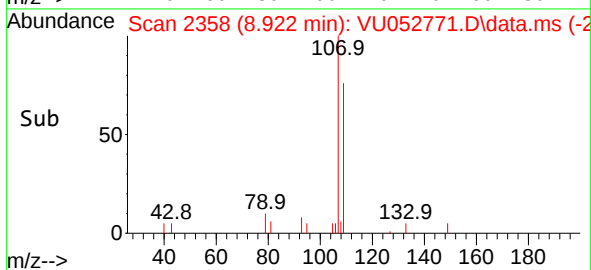
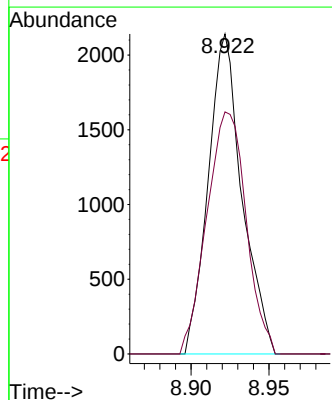
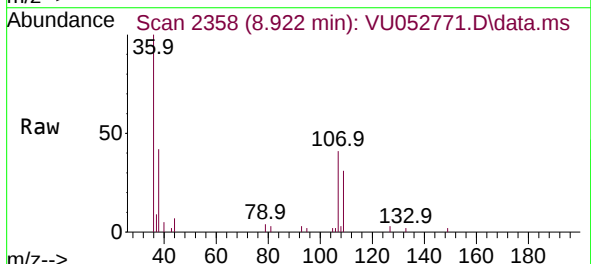
Instrument :
MSVOA_U
ClientSampleId :

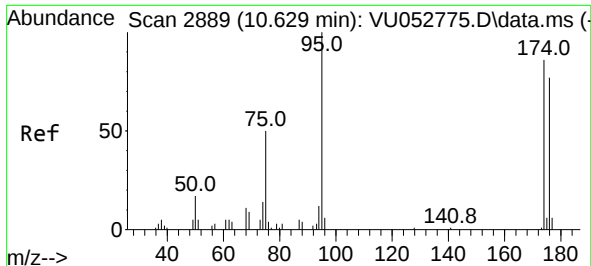
Tgt Ion:129 Resp: 4716
Ion Ratio Lower Upper
129 100
127 77.9 61.5 92.3



#56
1,2-Dibromoethane
Concen: 0.317 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:107 Resp: 3228
Ion Ratio Lower Upper
107 100
109 87.9 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 0.922 ug/l

RT: 10.632 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

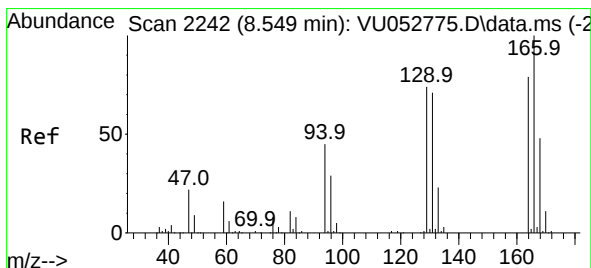
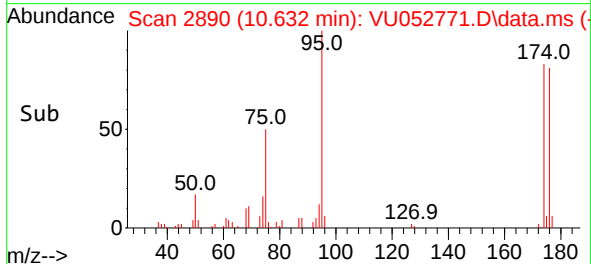
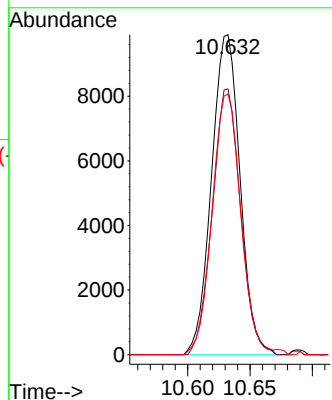
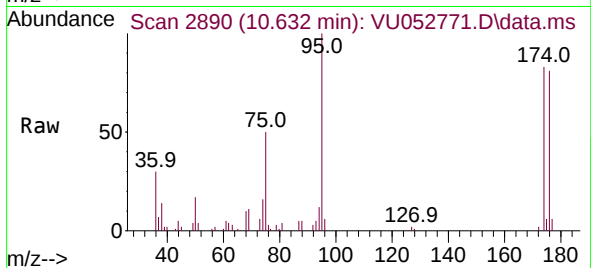
Tgt Ion: 95 Resp: 15806

Ion Ratio Lower Upper

95 100

174 81.9 66.9 100.3

176 81.7 61.9 92.9



#58

Tetrachloroethene

Concen: 0.379 ug/l

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion: 164 Resp: 5148

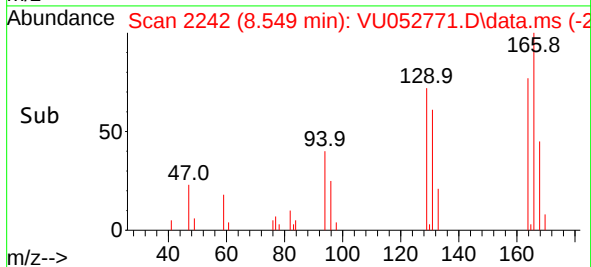
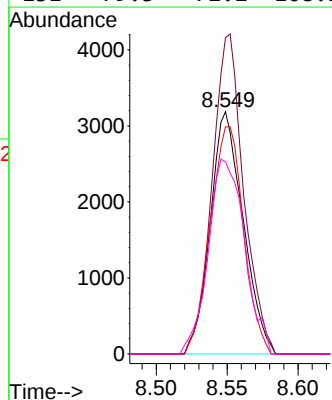
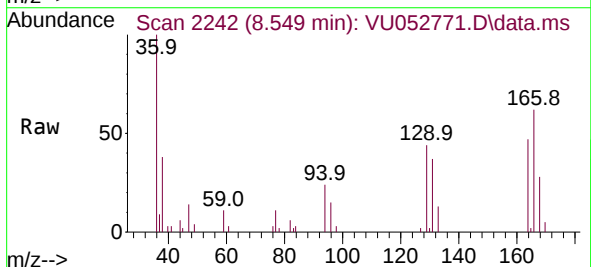
Ion Ratio Lower Upper

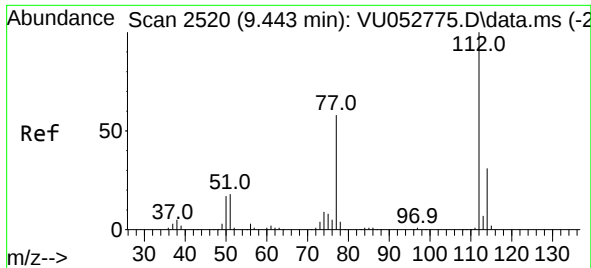
164 100

166 130.6 101.5 152.3

129 93.7 75.2 112.8

131 79.3 72.2 108.2





#59

Chlorobenzene

Concen: 0.354 ug/l

RT: 9.446 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

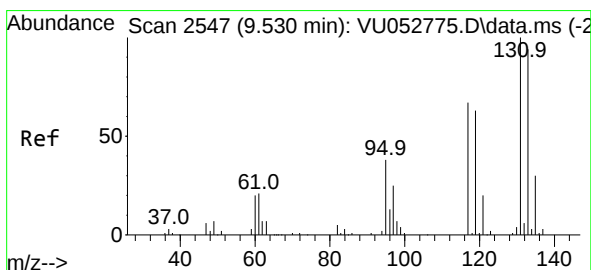
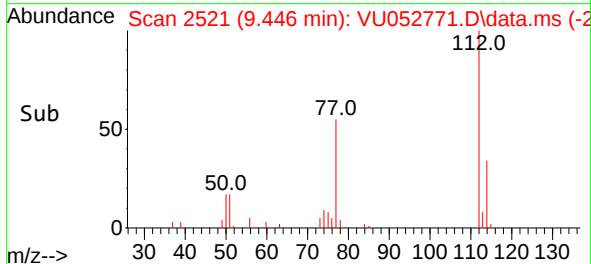
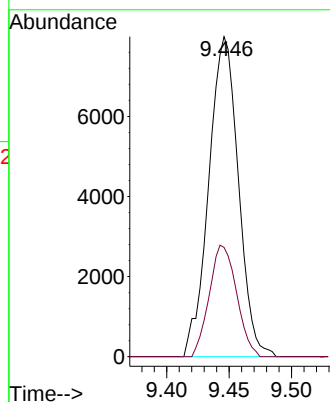
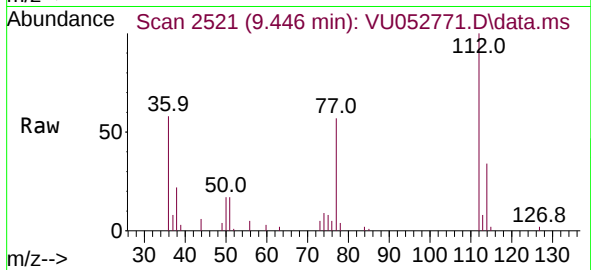
ClientSampleId :

Tgt Ion:112 Resp: 13230

Ion Ratio Lower Upper

112 100

114 34.1 25.2 37.8



#60

1,1,1,2-Tetrachloroethane

Concen: 0.368 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

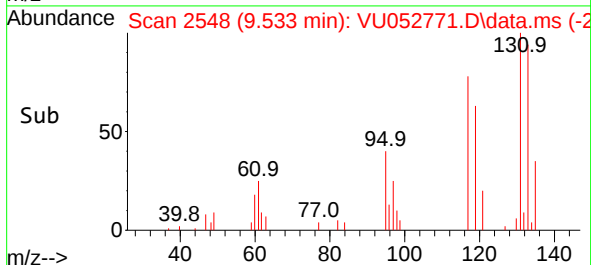
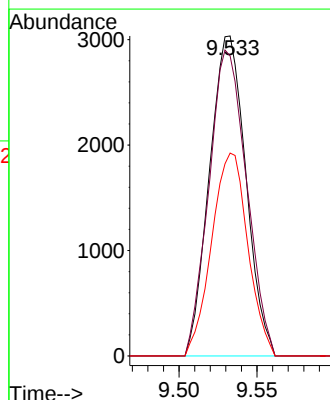
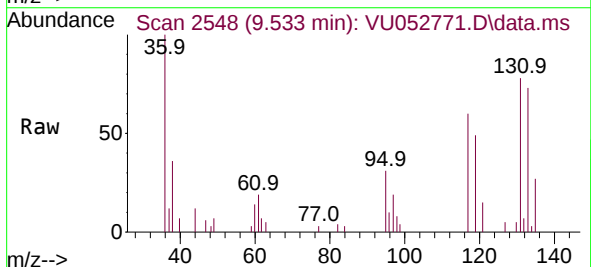
Tgt Ion:131 Resp: 4911

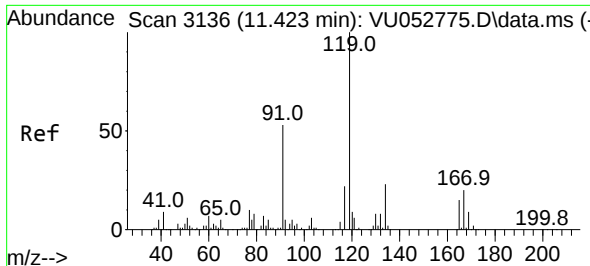
Ion Ratio Lower Upper

131 100

133 98.9 77.2 115.8

119 63.2 50.8 76.2

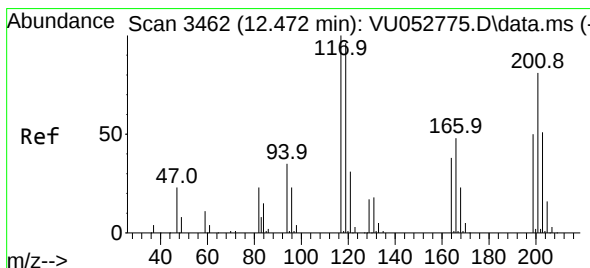
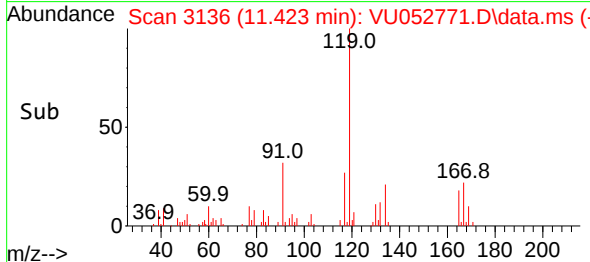
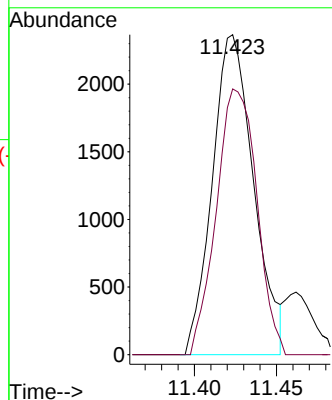
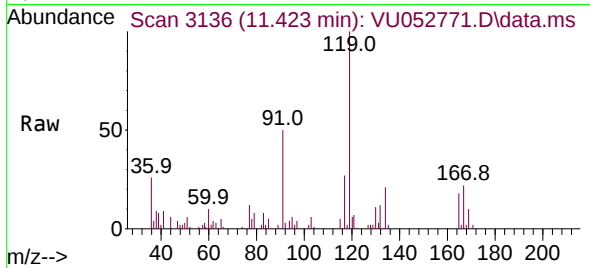




#61
 Pentachloroethane
 Concen: 0.371 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

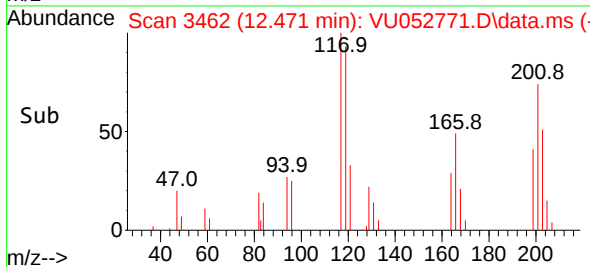
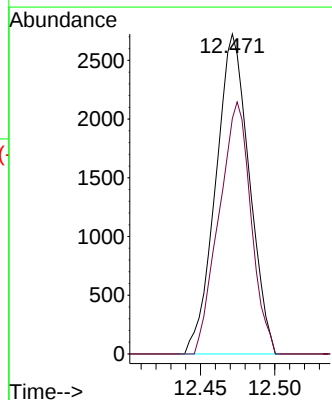
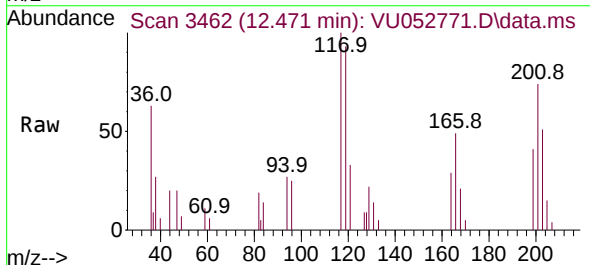
Instrument :
 MSVOA_U
 ClientSampleId :

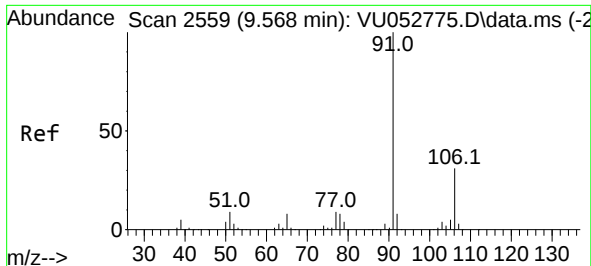
Tgt Ion:117 Resp: 4142
 Ion Ratio Lower Upper
 117 100
 167 81.4 66.8 100.2



#62
 Hexachloroethane
 Concen: 0.413 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion:117 Resp: 4279
 Ion Ratio Lower Upper
 117 100
 201 74.9 64.6 97.0

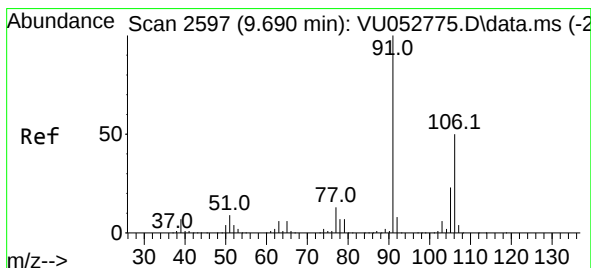
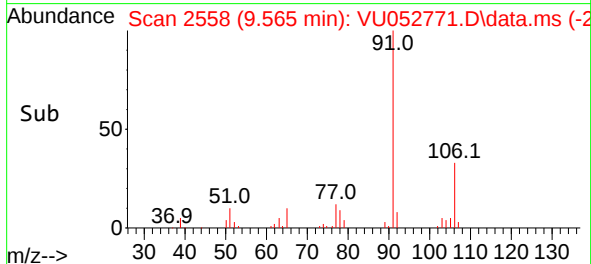
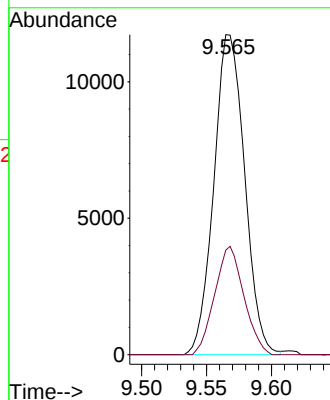
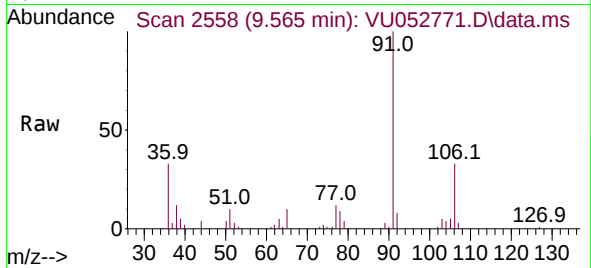




#63
Ethyl Benzene
Concen: 0.333 ug/l
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

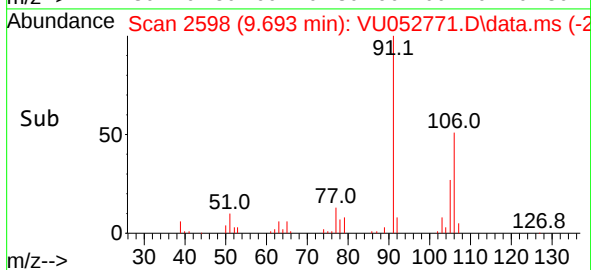
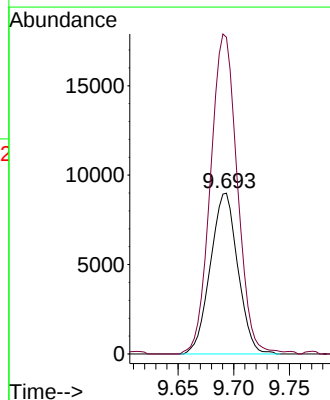
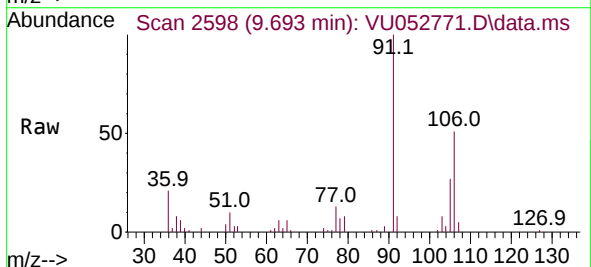
Instrument :
MSVOA_U
ClientSampleId :

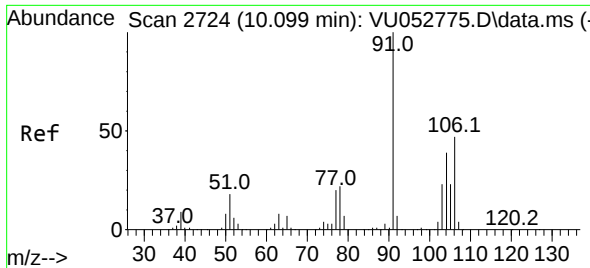
Tgt Ion: 91 Resp: 19343
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7



#64
m/p-Xylenes
Concen: 0.666 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 106 Resp: 15400
Ion Ratio Lower Upper
106 100
91 194.9 158.7 238.1

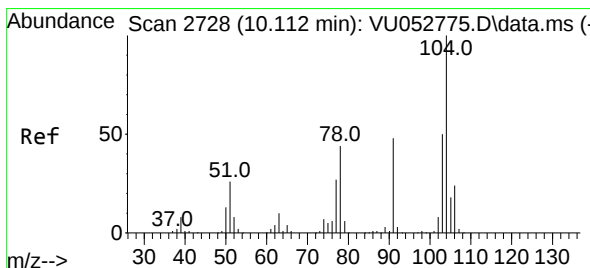
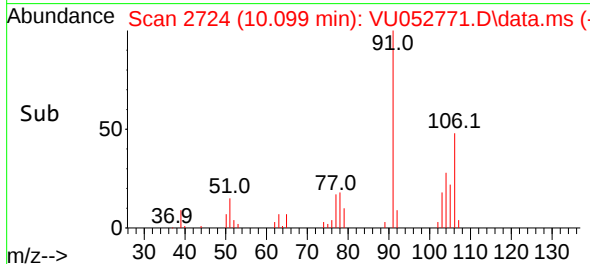
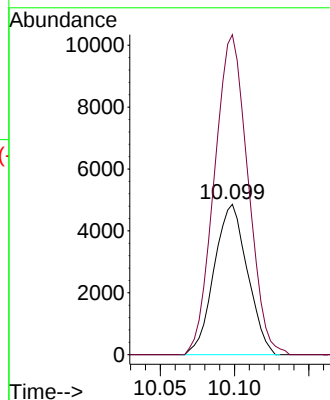
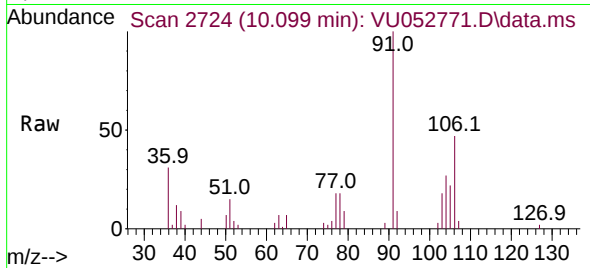




#65
o-Xylene
Concen: 0.343 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

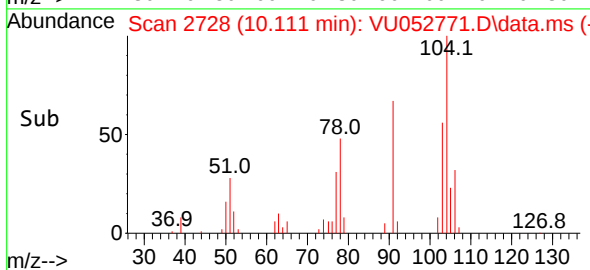
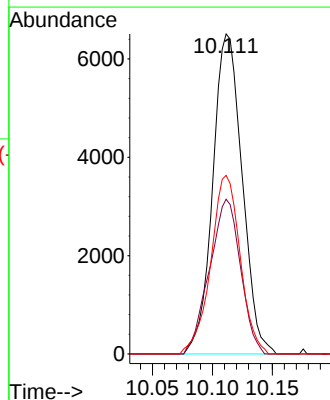
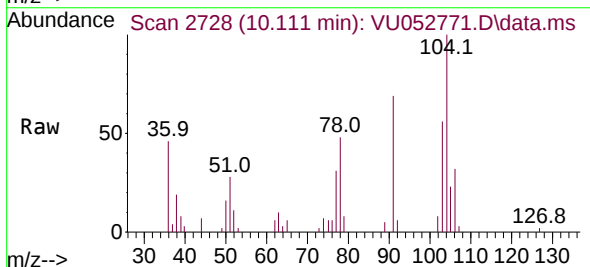
Instrument :
MSVOA_U
ClientSampleId :

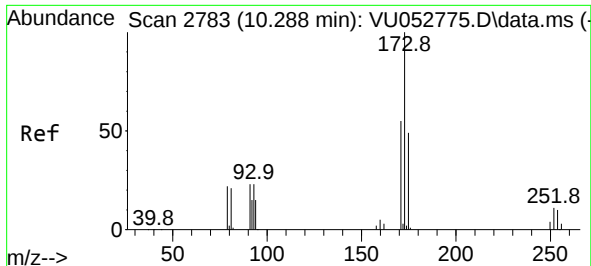
Tgt Ion:106 Resp: 7591
Ion Ratio Lower Upper
106 100
91 214.0 105.6 316.8



#66
Styrene
Concen: 0.299 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:104 Resp: 11085
Ion Ratio Lower Upper
104 100
78 50.9 39.6 59.4
103 55.8 42.9 64.3

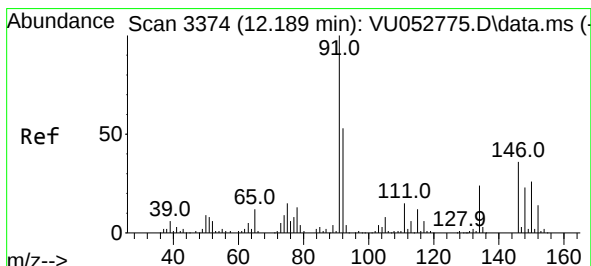
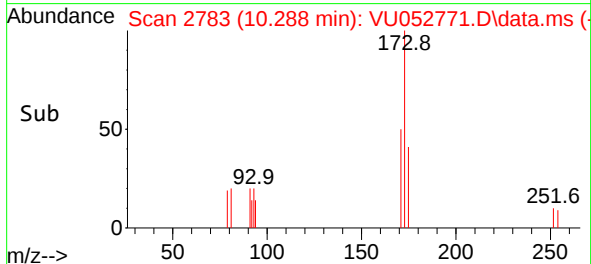
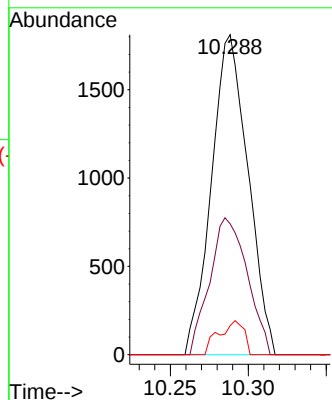
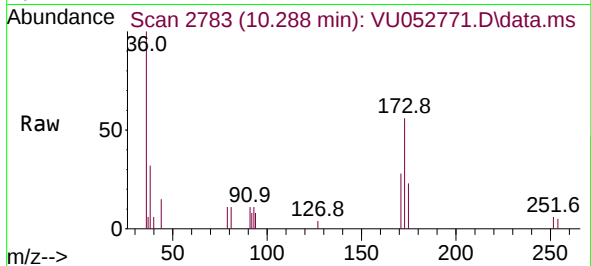




#67
Bromoform
Concen: 0.367 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

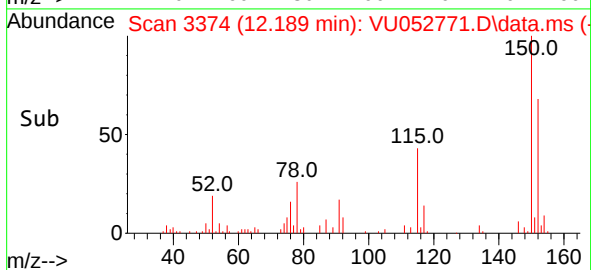
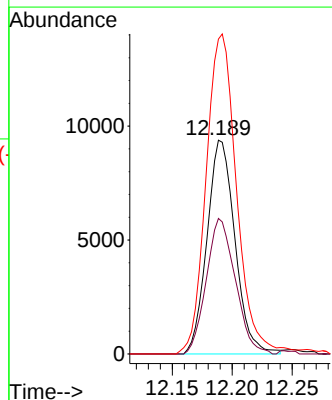
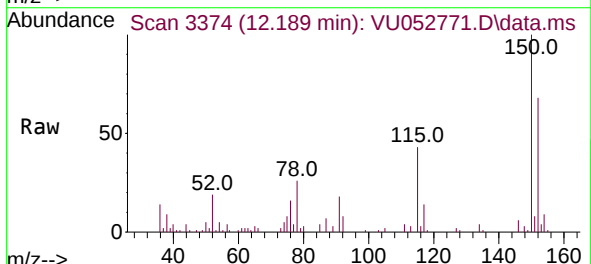
Instrument :
MSVOA_U
ClientSampleId :

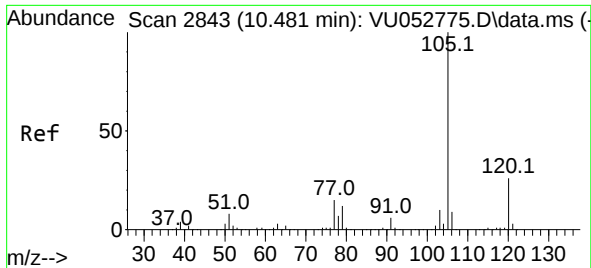
Tgt Ion:173 Resp: 2956
Ion Ratio Lower Upper
173 100
175 43.9 39.5 59.3
254 7.3 8.0 12.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.748 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:152 Resp: 15224
Ion Ratio Lower Upper
152 100
115 65.5 0.0 262.6
150 163.1 0.0 638.0

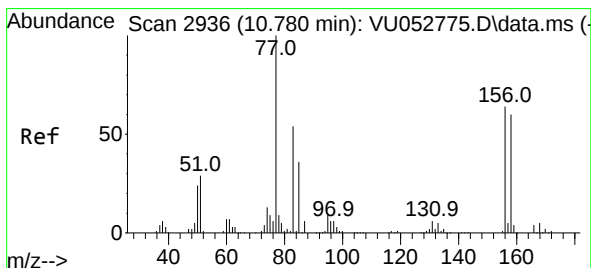
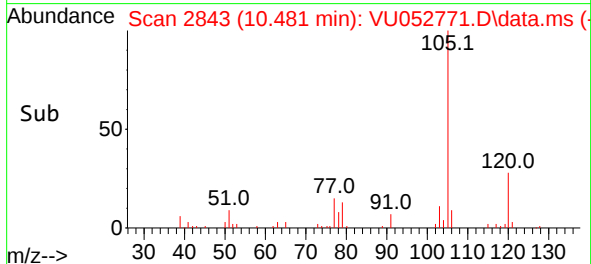
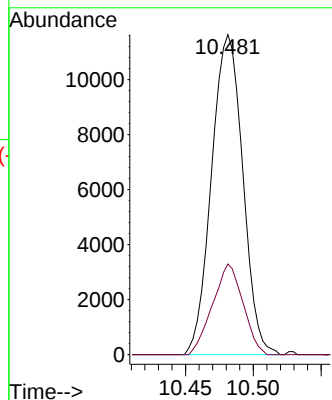
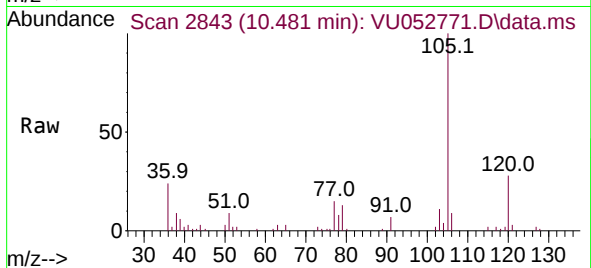




#69
Isopropylbenzene
Concen: 0.324 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

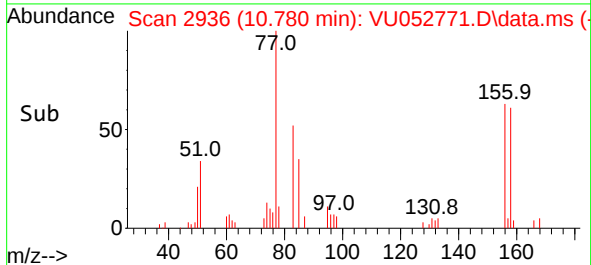
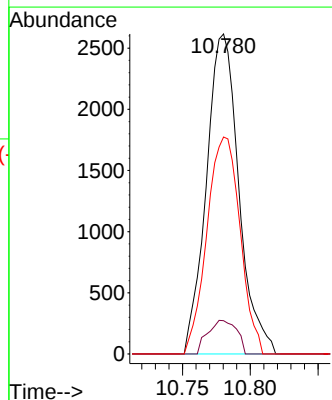
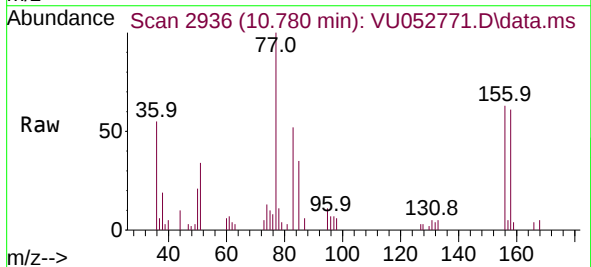
Instrument :
MSVOA_U
ClientSampleId :

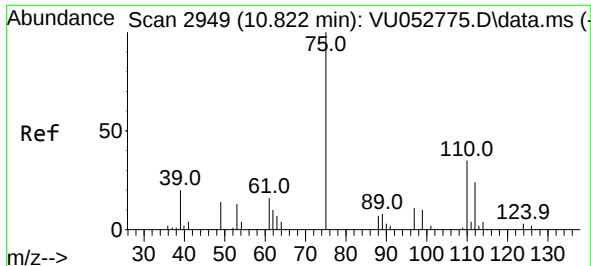
Tgt Ion:105 Resp: 18648
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9



#70
1,1,2,2-Tetrachloroethane
Concen: 0.317 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 83 Resp: 4360
Ion Ratio Lower Upper
83 100
131 9.3 8.6 13.0
85 69.0 52.6 78.8

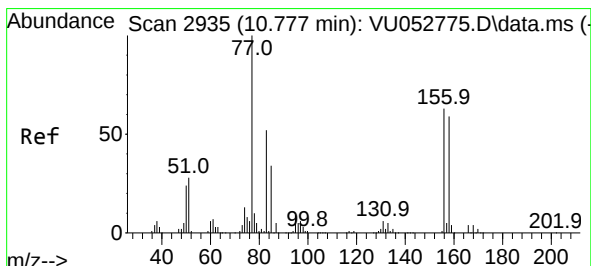
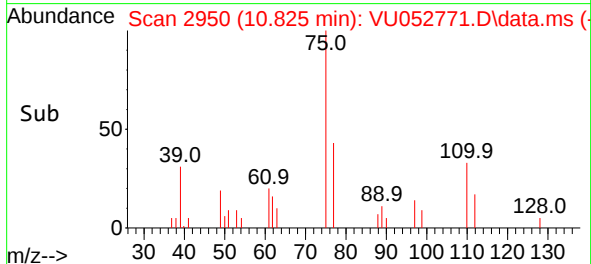
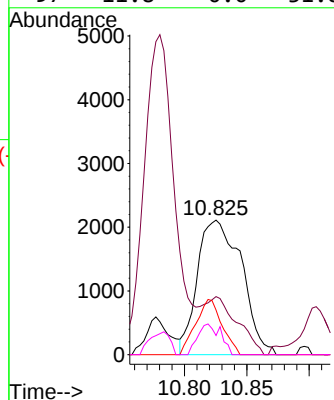
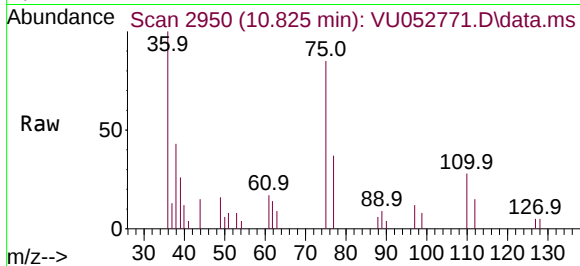




#71
1,2,3-Trichloropropane
Concen: 0.479 ug/l
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

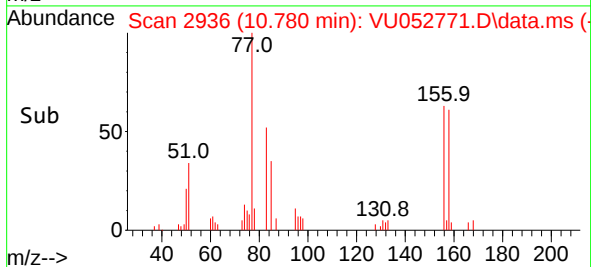
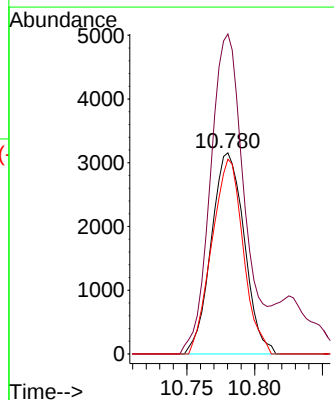
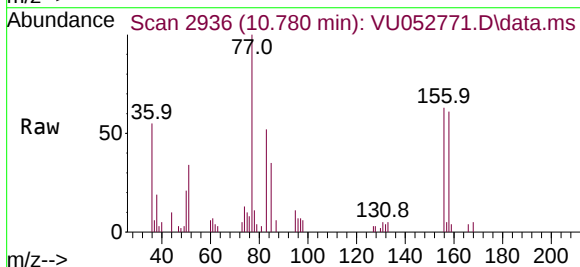
Instrument :
MSVOA_U
ClientSampleId :

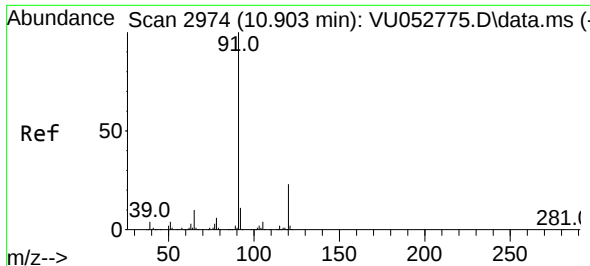
Tgt Ion: 75	Resp: 5187
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 86.0
110	24.4 0.0 63.8
97	11.8 0.0 31.8



#72
Bromobenzene
Concen: 0.316 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 156	Resp: 5338
Ion Ratio	Lower Upper
156	100
77	161.4 0.0 321.2
158	92.2 0.0 192.0

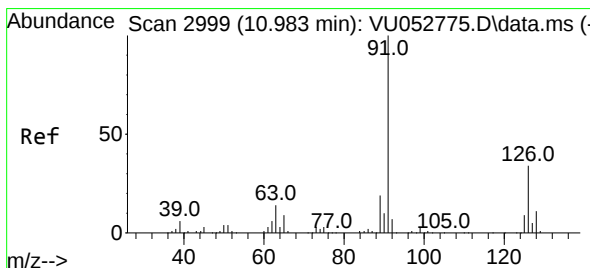
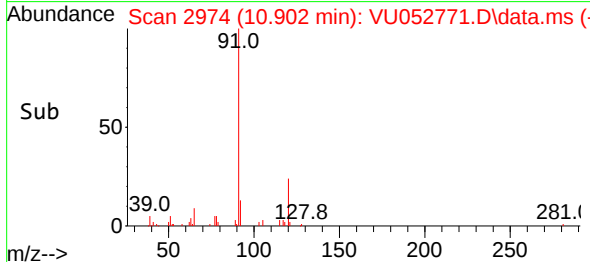
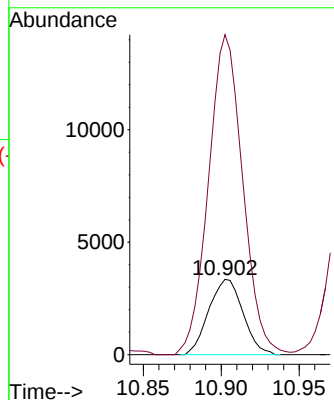
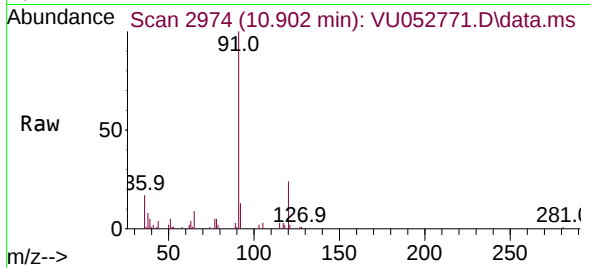




#73
n-propylbenzene
Concen: 0.312 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

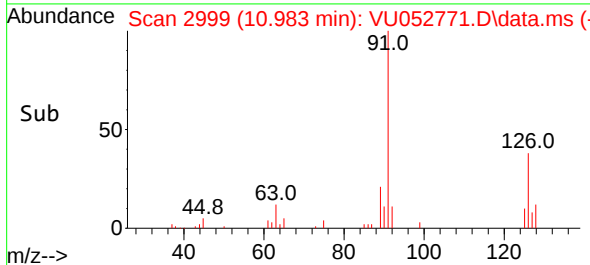
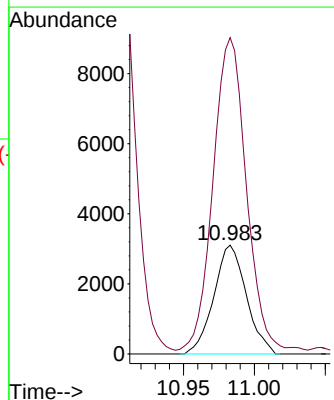
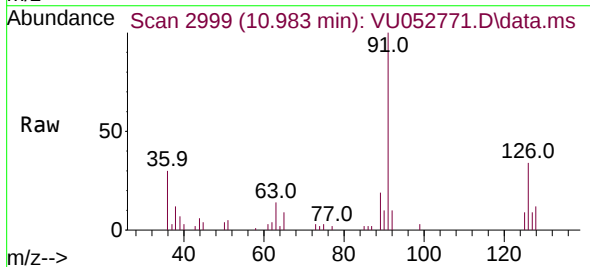
Instrument :
MSVOA_U
ClientSampleId :

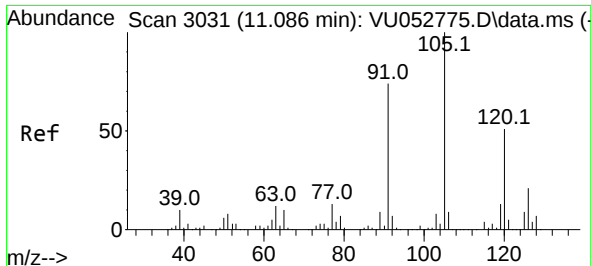
Tgt Ion:120 Resp: 5102
Ion Ratio Lower Upper
120 100
91 426.3 348.0 522.0



#74
2-Chlorotoluene
Concen: 0.322 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:126 Resp: 4953
Ion Ratio Lower Upper
126 100
91 294.9 0.0 588.6

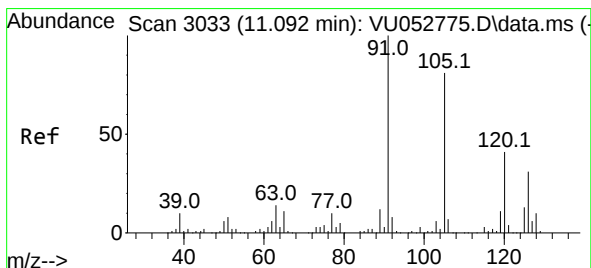
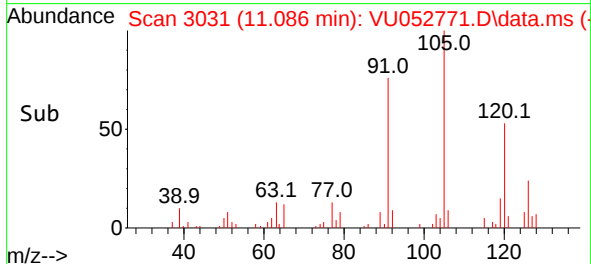
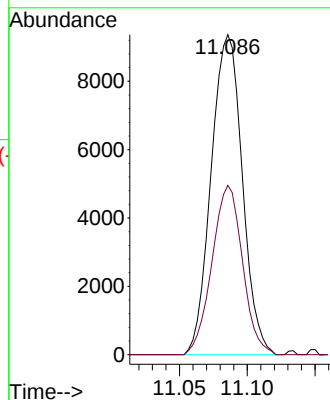
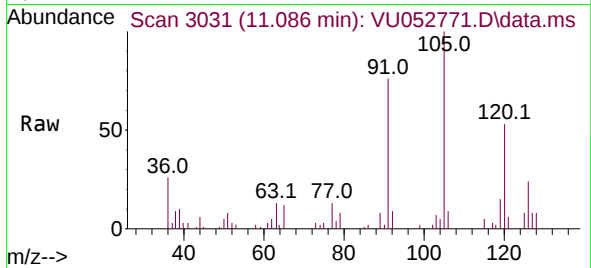




#75
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

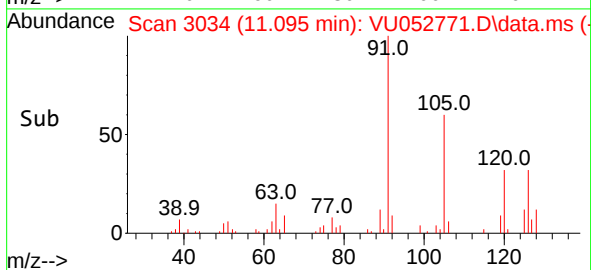
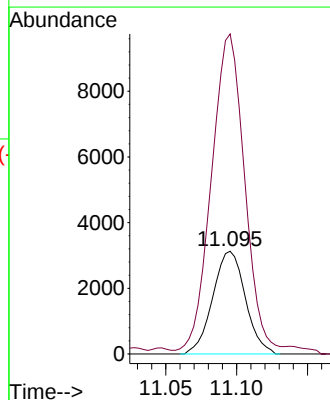
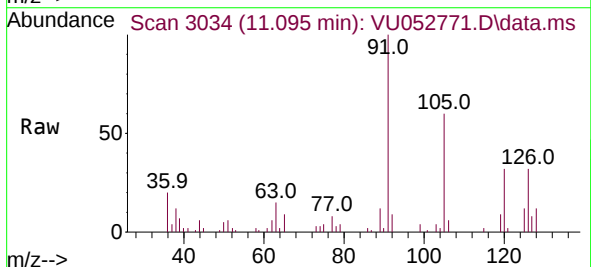
Instrument :
MSVOA_U
ClientSampleId :

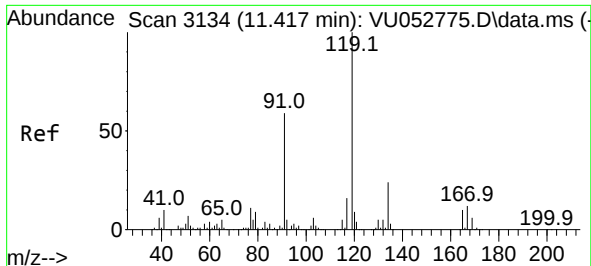
Tgt Ion:105 Resp: 14959
Ion Ratio Lower Upper
105 100
120 51.8 39.9 59.9



#76
4-Chlorotoluene
Concen: 0.309 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:126 Resp: 5010
Ion Ratio Lower Upper
126 100
91 325.3 0.0 661.8

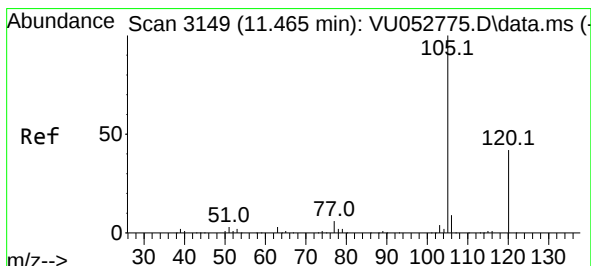
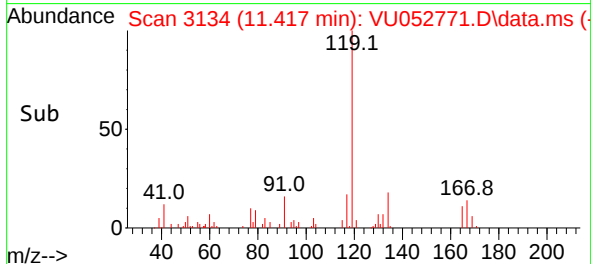
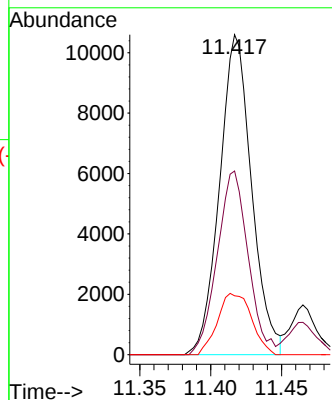
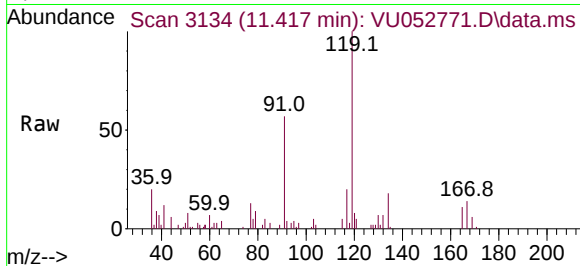




#77
tert-Butylbenzene
Concen: 0.336 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

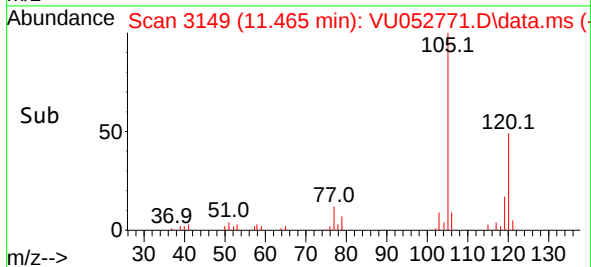
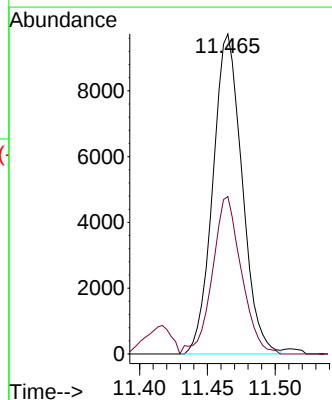
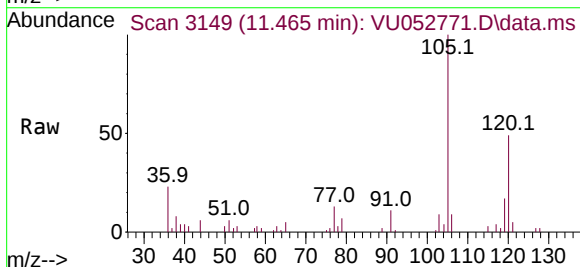
Instrument :
MSVOA_U
ClientSampleId :

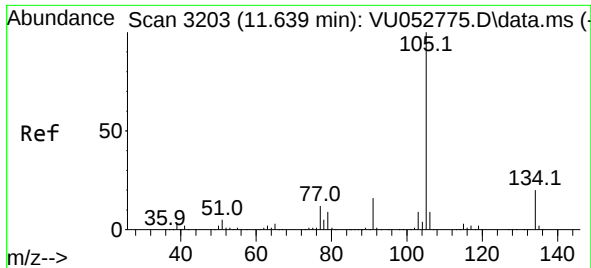
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.4	28.4	85.3
134	20.3	18.6	27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.291 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.4	70.3

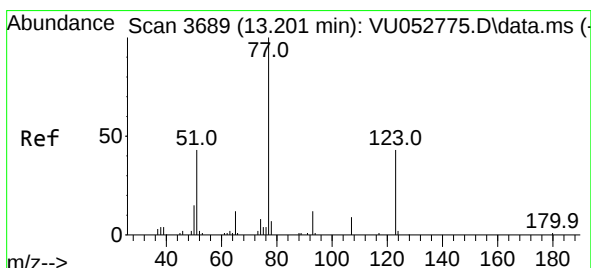
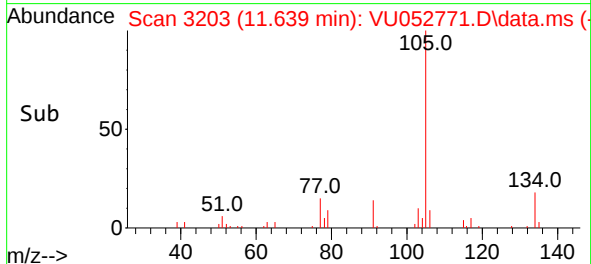
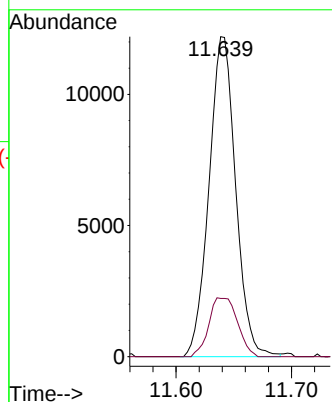
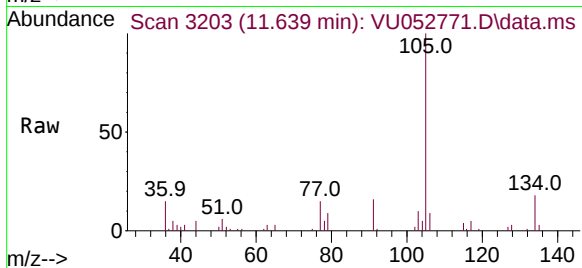




#79
 sec-Butylbenzene
 Concen: 0.301 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

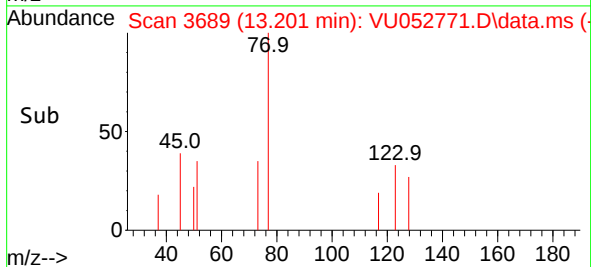
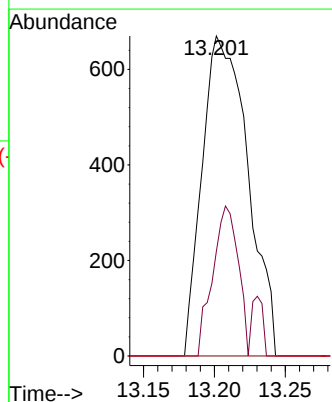
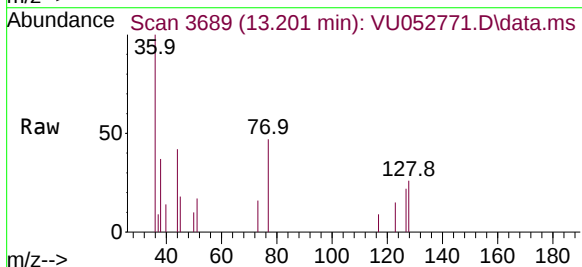
Instrument :
 MSVOA_U
 ClientSampleId :

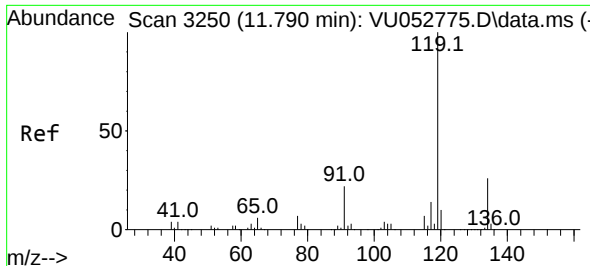
Tgt Ion:105 Resp: 19556
 Ion Ratio Lower Upper
 105 100
 134 19.7 16.5 24.7



#80
 Nitrobenzene
 Concen: 2.655 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 77 Resp: 1501
 Ion Ratio Lower Upper
 77 100
 123 26.2 18.8 66.8
 65 0.0 10.1 12.9#

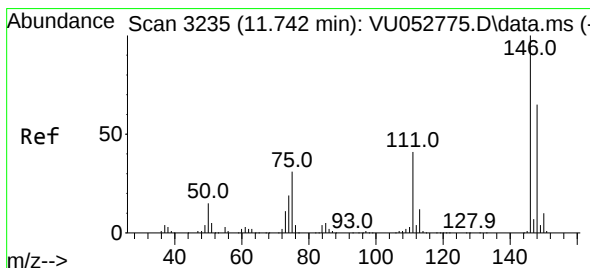
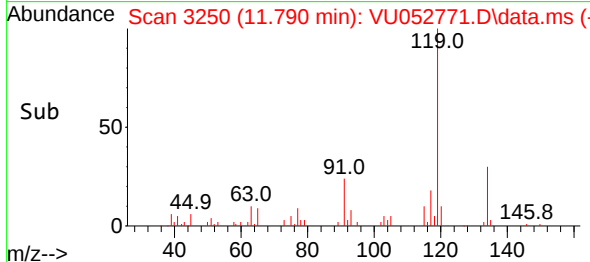
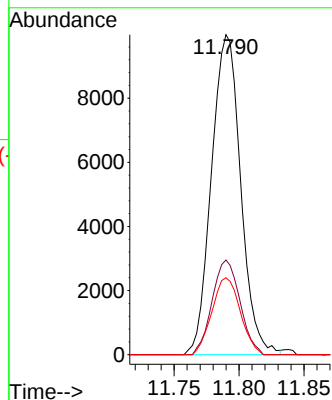
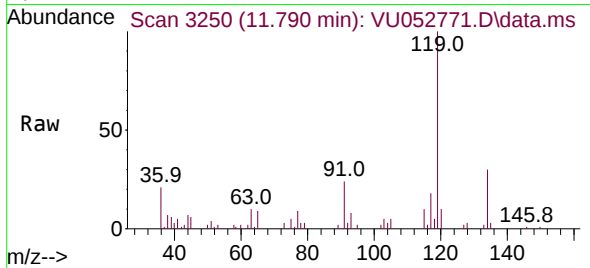




#81
p-Isopropyltoluene
Concen: 0.287 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

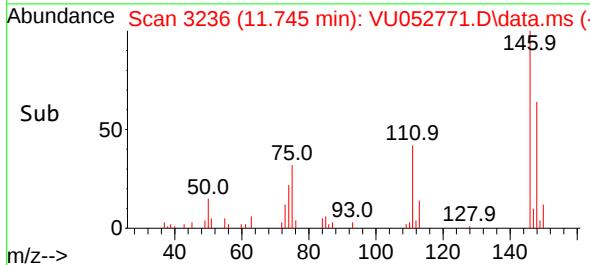
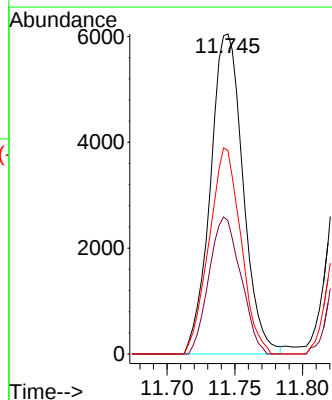
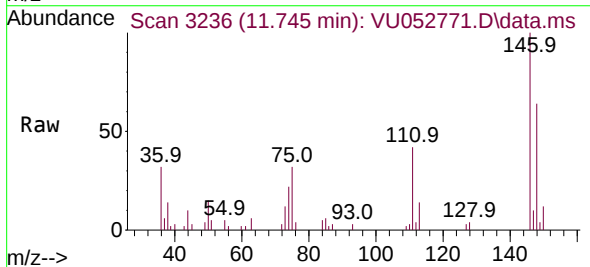
Instrument :
MSVOA_U
ClientSampleId :

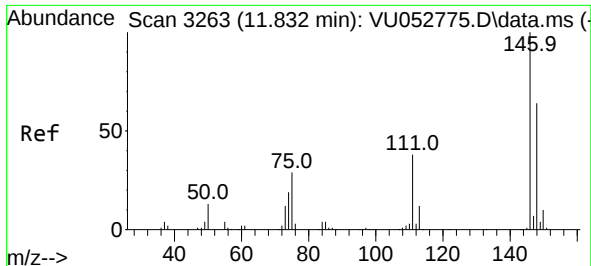
Tgt Ion:119 Resp: 15600
Ion Ratio Lower Upper
119 100
134 28.1 20.7 31.1
91 23.3 17.6 26.4



#82
1,3-Dichlorobenzene
Concen: 0.297 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:146 Resp: 10129
Ion Ratio Lower Upper
146 100
111 41.6 32.6 48.8
148 62.7 51.9 77.9

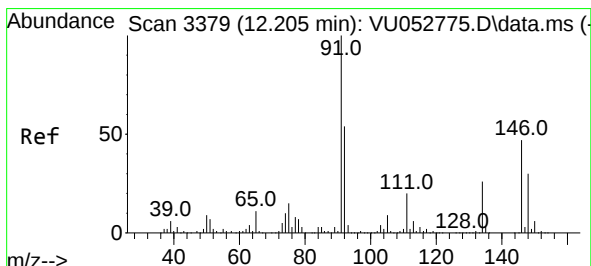
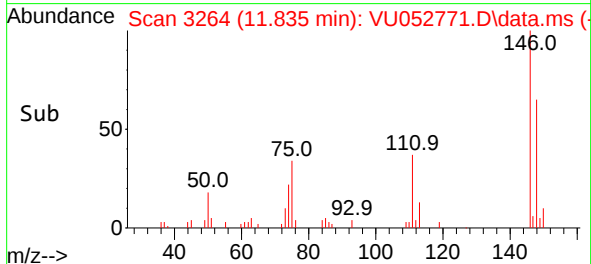
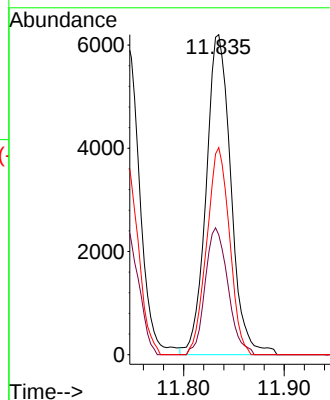
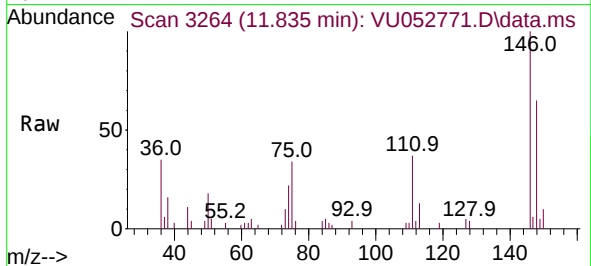




#83
1,4-Dichlorobenzene
Concen: 0.311 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

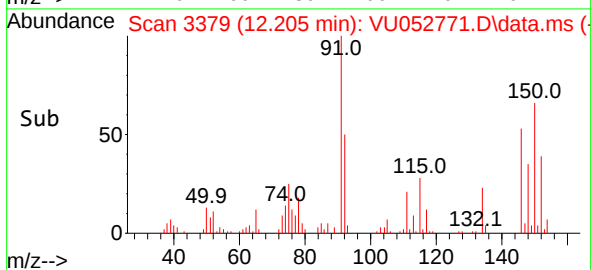
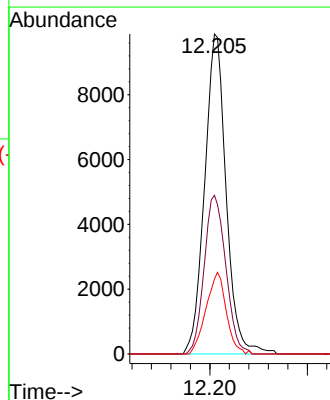
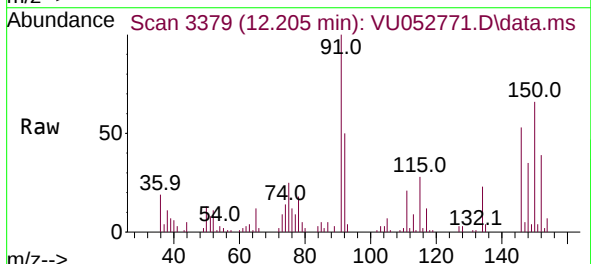
Instrument :
MSVOA_U
ClientSampleId :

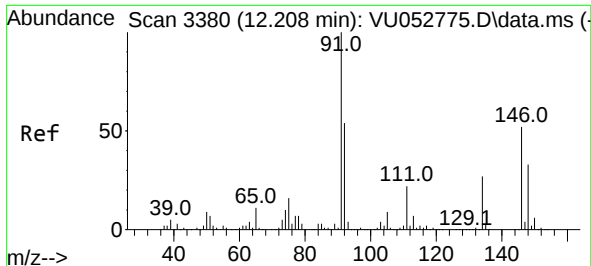
Tgt Ion:146 Resp: 10625
Ion Ratio Lower Upper
146 100
111 36.5 29.5 44.3
148 59.4 51.4 77.0



#84
n-Butylbenzene
Concen: 0.295 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 91 Resp: 15128
Ion Ratio Lower Upper
91 100
92 49.8 43.4 65.0
134 24.0 21.2 31.8

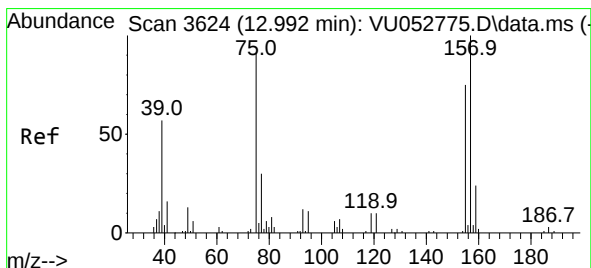
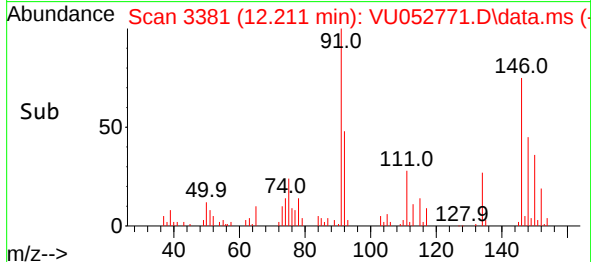
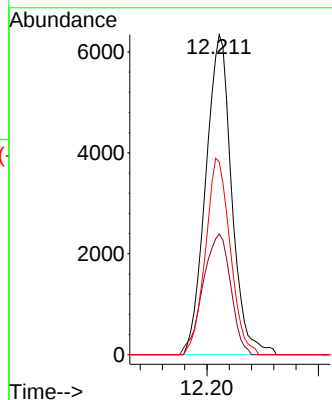
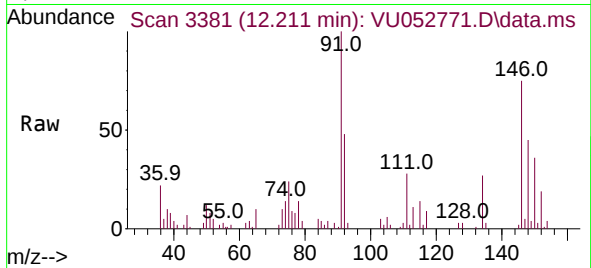




#85
 1,2-Dichlorobenzene
 Concen: 0.317 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

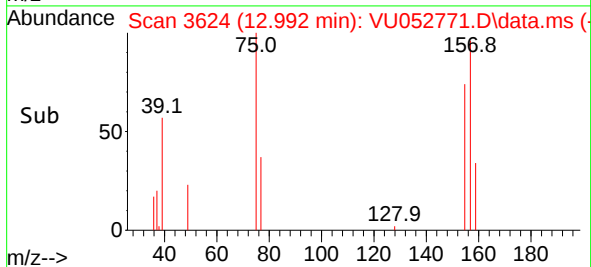
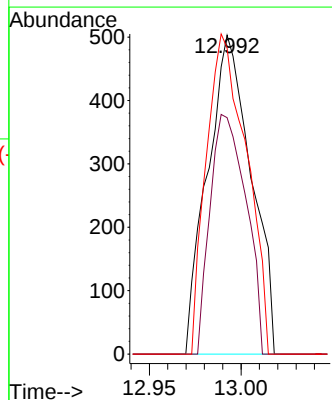
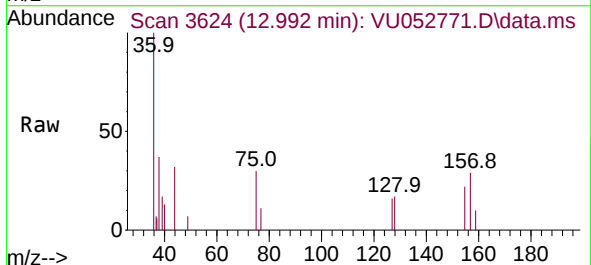
Instrument :
 MSVOA_U
 ClientSampleId :

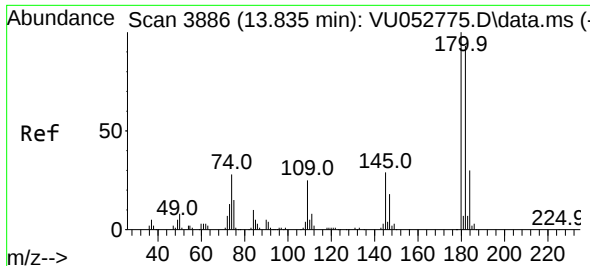
Tgt Ion:146 Resp: 10254
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.8 62.5
 148 58.7 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.373 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 75 Resp: 831
 Ion Ratio Lower Upper
 75 100
 155 61.9 66.0 99.0#
 157 92.4 85.9 128.9





#87

1,2,4-Trichlorobenzene

Concen: 0.243 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052771.D

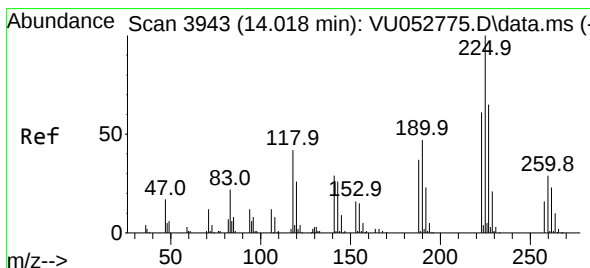
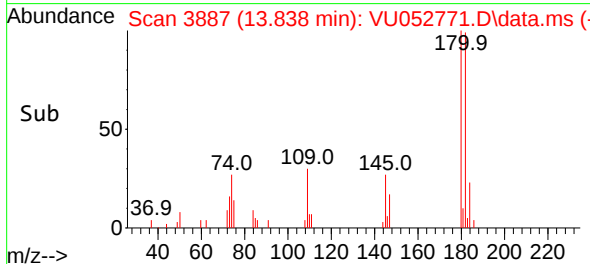
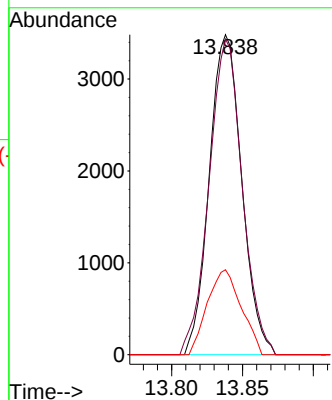
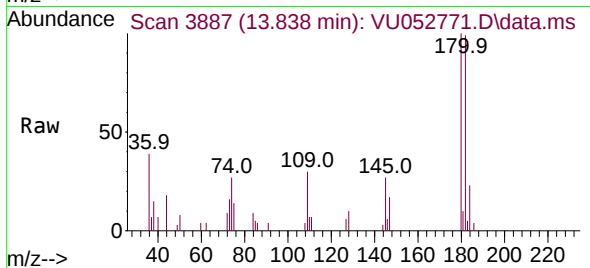
Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	5551
Ion Ratio	Lower	Upper
180	100	
182	100.7	74.6 112.0
145	27.6	23.4 35.0



#88

Hexachlorobutadiene

Concen: 0.304 ug/l

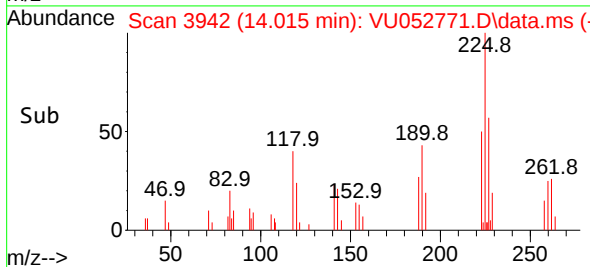
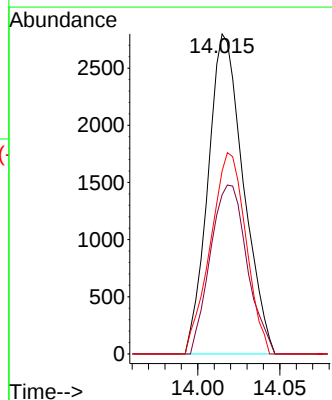
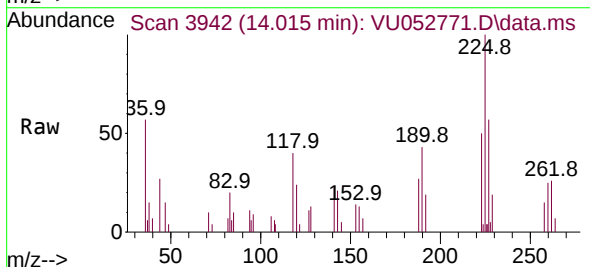
RT: 14.015 min Scan# 3942

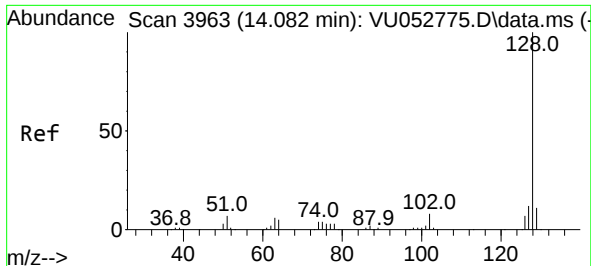
Delta R.T. -0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:225	Resp:	4185
Ion Ratio	Lower	Upper
225	100	
223	55.0	49.8 74.6
227	63.2	51.5 77.3





#89

Naphthalene

Concen: 0.594 ug/l

RT: 14.086 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

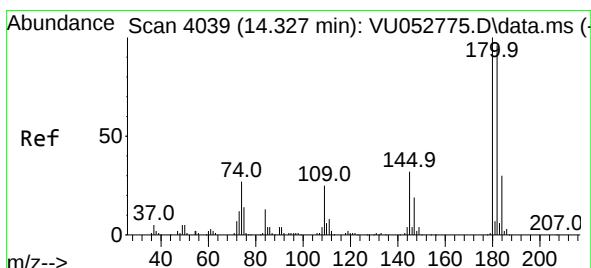
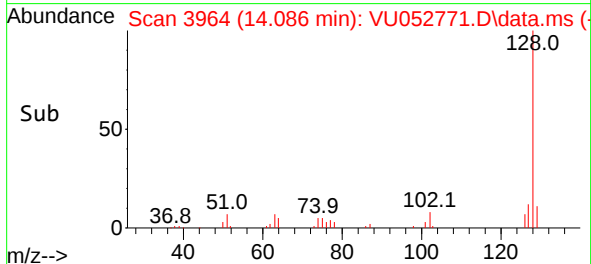
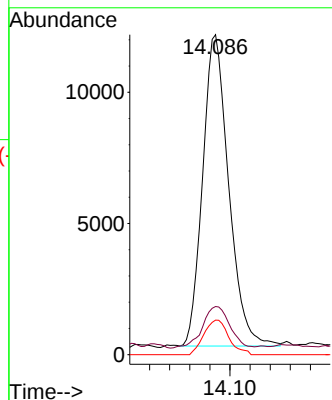
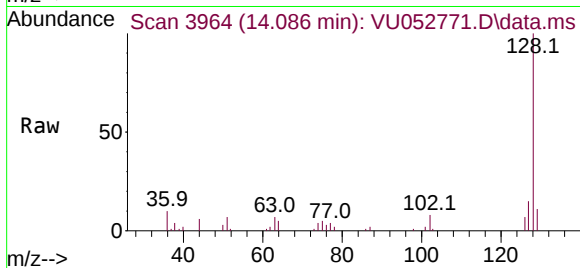
Tgt Ion:128 Resp: 21345

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 10.6 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.229 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:180 Resp: 4876

Ion Ratio Lower Upper

180 100

182 102.9 77.8 116.6

145 29.2 25.2 37.8

