

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
 Data File : VU053019.D
 Acq On : 09 Feb 2023 15:24
 Operator : JC/MD
 Sample : RL CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

Quant Time: Feb 10 01:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	33509	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12208	1.095	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	10324	0.900	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4444	0.392	ug/l	90
3) Chloromethane	1.518	50	4762	0.443	ug/l	99
4) Vinyl Chloride	1.604	62	4956	0.477	ug/l	97
5) Bromomethane	1.855	94	2971	0.550	ug/l	89
6) Chloroethane	1.936	64	2839	0.454	ug/l	94
7) Trichlorofluoromethane	2.138	101	6461	0.427	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	4081	0.493	ug/l	90
9) 1,1-Dichloroethene	2.579	96	4011	0.513	ug/l	90
10) Iodomethane	2.723	142	4478	0.517	ug/l	94
11) Allyl Chloride	2.919	41	5495	0.588	ug/l	89
12) Acrylonitrile	3.334	53	1786	1.077	ug/l	# 73
13) Acetone	2.669	43	3101	1.319	ug/l	# 86
14) Carbon Disulfide	2.791	76	11138	0.425	ug/l	99
15) Methylene Chloride	3.042	84	6418	0.680	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	3840	0.441	ug/l	90
17) 1,1-Dichloroethane	3.865	63	8138	0.554	ug/l	97
18) 2-Butanone	4.749	43	6006	2.199	ug/l	89
19) Cyclohexane	5.376	56	6791	0.526	ug/l	92
20) Methylcyclohexane	6.759	83	6991	0.485	ug/l	88
21) 2,2-Dichloropropane	4.656	77	7117	0.522	ug/l	94
22) cis-1,2-Dichloroethene	4.662	96	4849	0.533	ug/l	92
23) Diethyl Ether	2.376	59	2753	0.498	ug/l	# 85
24) tert-Butyl Alcohol	3.296	59	151	0.227	ug/l	92
25) Methyl tert-Butyl Ether	3.366	73	10828	0.604	ug/l	# 83
26) Bromochloromethane	4.971	128	1980	0.466	ug/l	90
27) Chloroform	5.083	83	8196	0.520	ug/l	98
28) 1,1,1-Trichloroethane	5.308	97	7644	0.526	ug/l	94
29) 1,1-Dichloropropene	5.517	75	5188	0.423	ug/l	# 92
30) Carbon Tetrachloride	5.514	117	5062	0.384	ug/l	99
31) Isopropyl Ether	3.997	45	11556	0.547	ug/l	93
32) Ethyl-t-butyl ether	4.508	59	12521	0.635	ug/l	93
33) Tert-Amyl methyl ether	5.945	73	9207	0.528	ug/l	# 95
34) Propionitrile	4.807	54	580	0.927	ug/l	# 11
35) Benzene	5.768	78	14610	0.411	ug/l	96
36) 1,2-Dichloroethane	5.791	62	4143	0.388	ug/l	# 81
37) Trichloroethene	6.540	130	3317	0.342	ug/l	# 60
38) 1,2-Dichloropropane	6.794	63	4216	0.467	ug/l	99
39) Methacrylonitrile	4.984	41	1456	0.583	ug/l	# 82
40) Methyl acrylate	4.858	55	2124	0.480	ug/l	# 85
41) Tetrahydrofuran	5.083	42	1934	1.556	ug/l	# 60
42) 1-Chlorobutane	5.450	56	6604	0.421	ug/l	100
43) Dibromomethane	6.913	93	2009	0.440	ug/l	# 80
44) Bromodichloromethane	7.106	83	5624	0.454	ug/l	97

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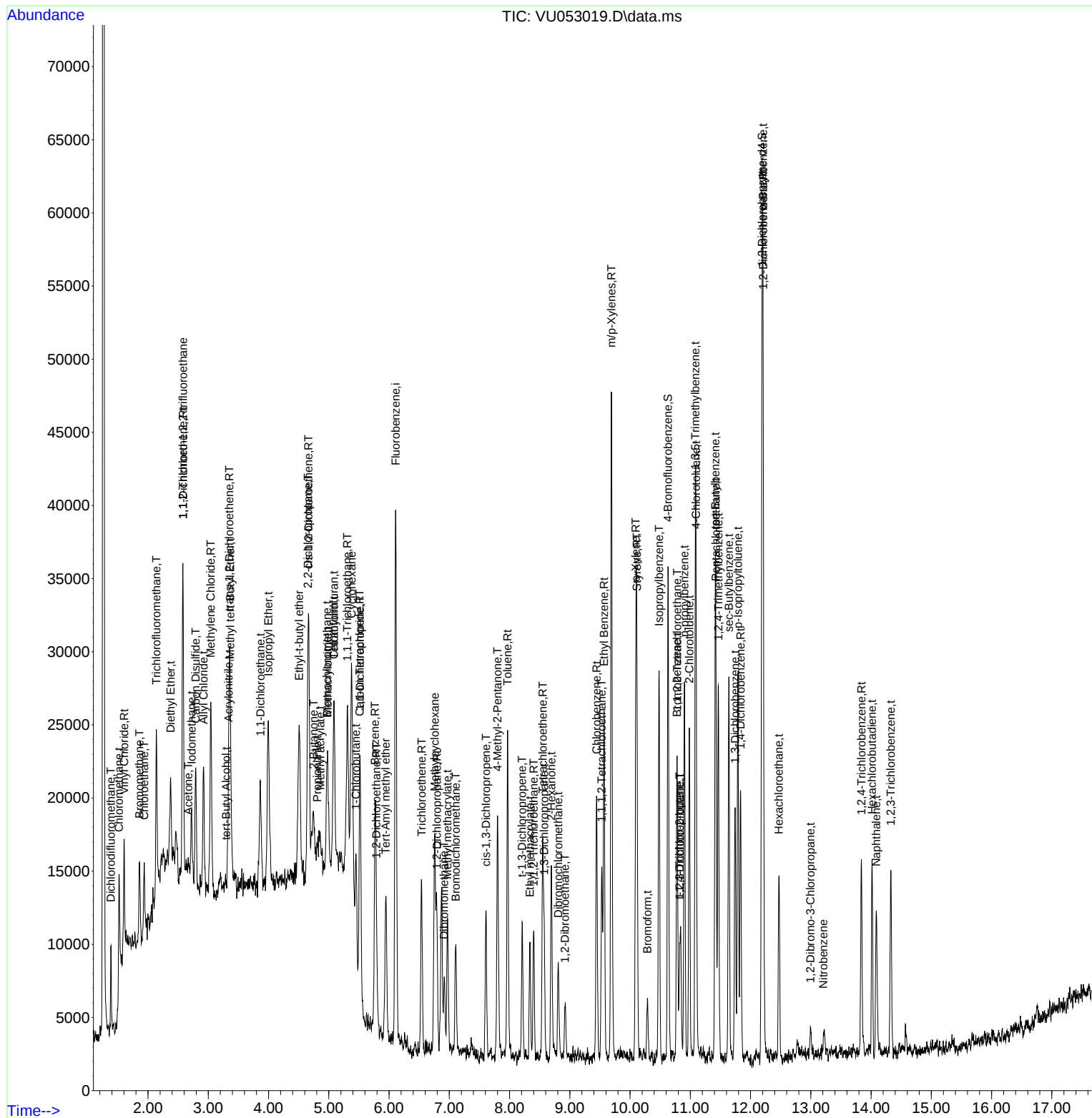
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	10781	2.246	ug/l #	93
46) t-1,4-Dichloro-2-butene	10.823	75	4957	1.969	ug/l #	53
47) Methyl methacrylate	6.968	69	4351	1.071	ug/l #	88
48) Ethyl methacrylate	8.337	69	4780	0.649	ug/l	94
49) Toluene	7.967	92	9126	0.423	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	5177	0.479	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	5834	0.459	ug/l #	94
52) 1,1,2-Trichloroethane	8.402	97	2851	0.439	ug/l #	89
53) 1,3-Dichloropropane	8.575	76	4830	0.430	ug/l	94
54) 2-Hexanone	8.694	43	8645	2.059	ug/l	94
55) Dibromochloromethane	8.810	129	3232	0.380	ug/l	94
56) 1,2-Dibromoethane	8.919	107	2477	0.401	ug/l	98
58) Tetrachloroethene	8.549	164	2927	0.334	ug/l	91
59) Chlorobenzene	9.447	112	9653	0.411	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.530	131	3335	0.367	ug/l	94
61) Pentachloroethane	11.424	117	2772	0.372	ug/l	90
62) Hexachloroethane	12.469	117	2830	0.376	ug/l #	75
63) Ethyl Benzene	9.569	91	17588	0.462	ug/l	98
64) m/p-Xylenes	9.691	106	12493	0.823	ug/l	83
65) o-Xylene	10.096	106	6369	0.435	ug/l	89
66) Styrene	10.112	104	9961	0.758	ug/l	96
67) Bromoform	10.289	173	1718	0.343	ug/l #	87
69) Isopropylbenzene	10.482	105	16778	0.450	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.781	83	3926	0.485	ug/l #	92
71) 1,2,3-Trichloropropane	10.823	75	4957	0.707	ug/l	82
72) Bromobenzene	10.778	156	3608	0.381	ug/l	83
73) n-propylbenzene	10.903	120	4357	0.772	ug/l	91
74) 2-Chlorotoluene	10.983	126	3767	0.400	ug/l	86
75) 1,3,5-Trimethylbenzene	11.083	105	14208	0.775	ug/l	91
76) 4-Chlorotoluene	11.096	126	4046	0.419	ug/l	96
77) tert-Butylbenzene	11.414	119	13586	0.419	ug/l	90
78) 1,2,4-Trimethylbenzene	11.466	105	14463	0.807	ug/l	92
79) sec-Butylbenzene	11.639	105	17852	0.769	ug/l	94
80) Nitrobenzene	13.208	77	1169	2.332	ug/l #	76
81) p-Isopropyltoluene	11.790	119	14676	0.805	ug/l #	94
82) 1,3-Dichlorobenzene	11.742	146	6776	0.351	ug/l	94
83) 1,4-Dichlorobenzene	11.836	146	7123	0.367	ug/l	94
84) n-Butylbenzene	12.205	91	14398	0.909	ug/l #	91
85) 1,2-Dichlorobenzene	12.208	146	7052	0.387	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.993	75	604	0.403	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.839	180	4073	0.372	ug/l	99
88) Hexachlorobutadiene	14.015	225	2172	0.283	ug/l	95
89) Naphthalene	14.086	128	9093	0.429	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	3729	0.359	ug/l	97

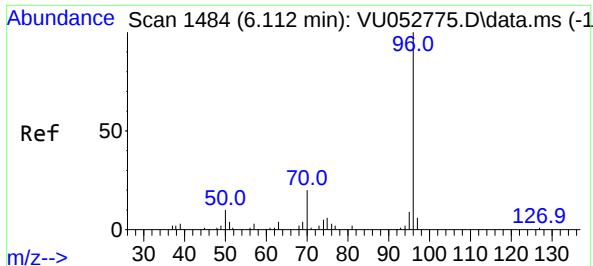
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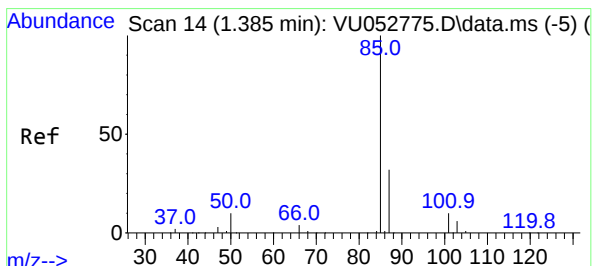
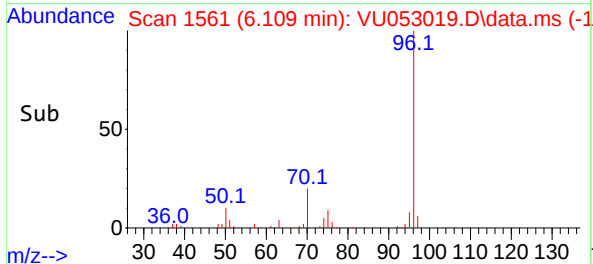
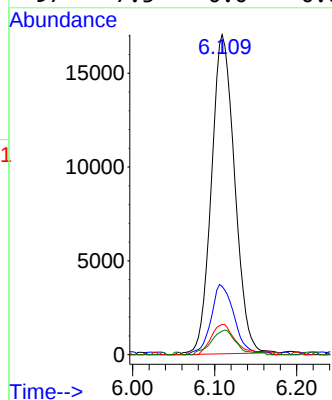
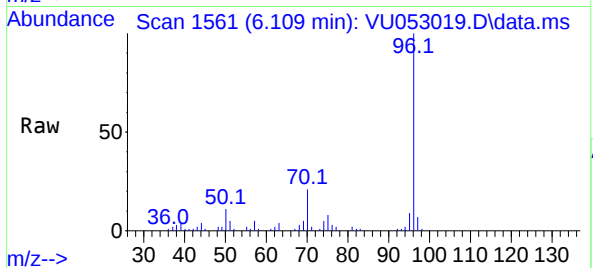


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

Tgt Ion: 96 Resp: 33509

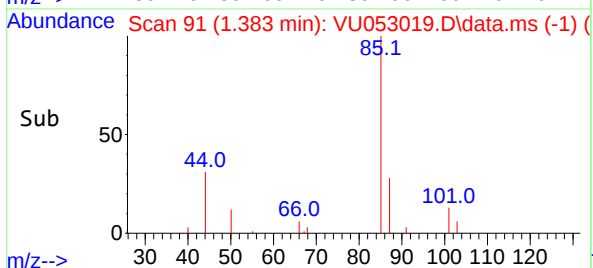
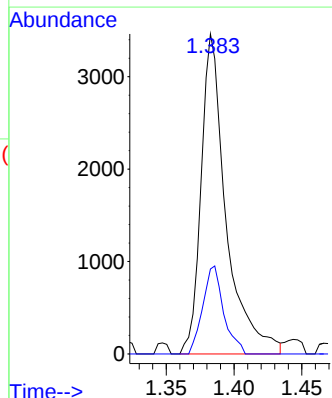
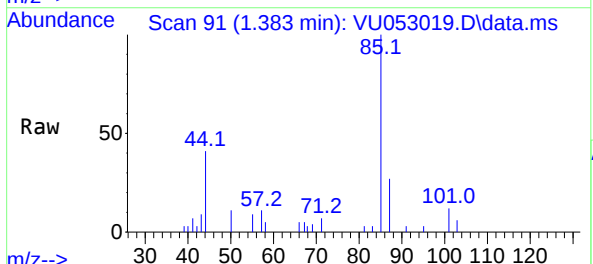
Ion	Ratio	Lower	Upper
96	100		
70	22.2	16.2	24.4
95	9.1	7.4	11.0
97	7.3	0.0	0.0

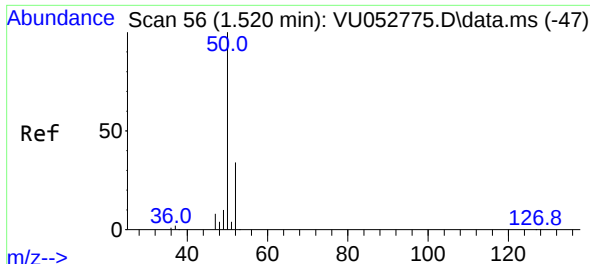


#2
Dichlorodifluoromethane
Concen: 0.392 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 85 Resp: 4444

Ion	Ratio	Lower	Upper
85	100		
87	26.5	16.1	48.2

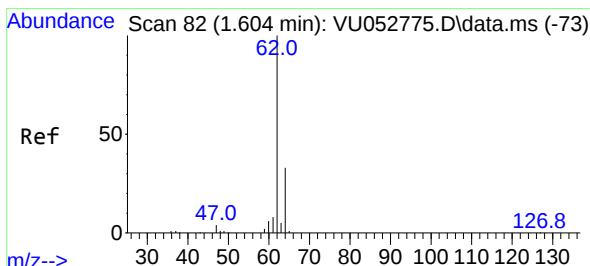
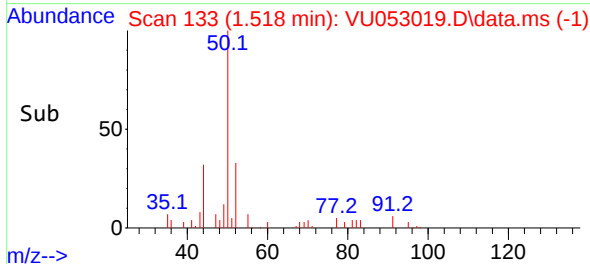
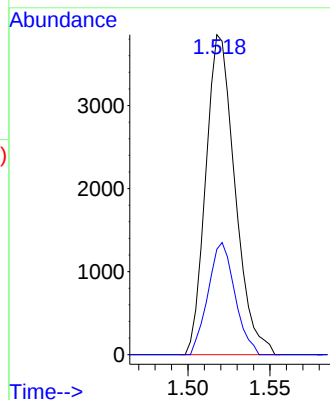
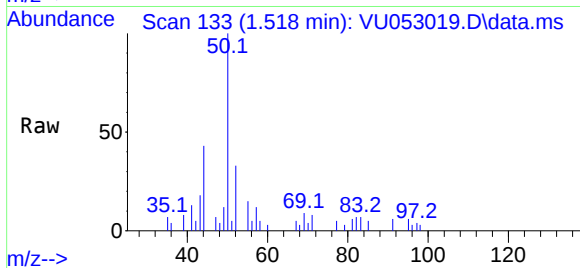




#3
Chloromethane
Concen: 0.443 ug/l
RT: 1.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

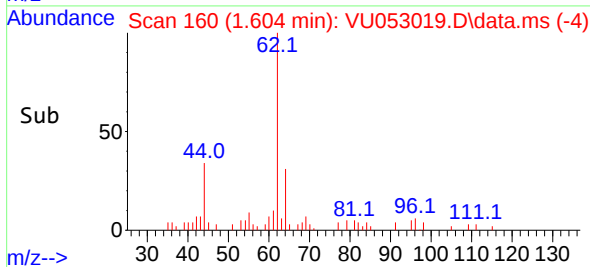
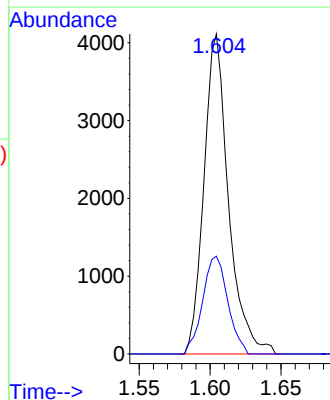
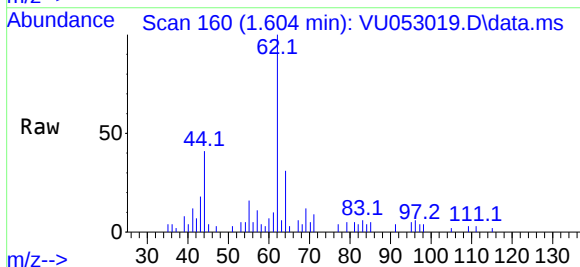
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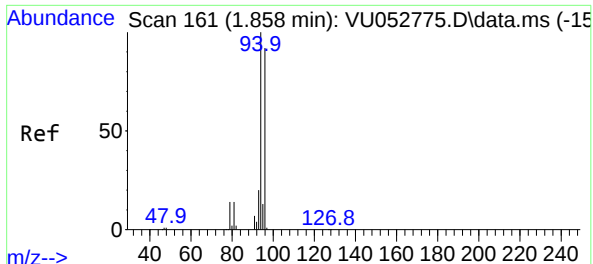
Tgt Ion: 50 Resp: 4762
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2



#4
Vinyl Chloride
Concen: 0.477 ug/l
RT: 1.604 min Scan# 160
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 62 Resp: 4956
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0

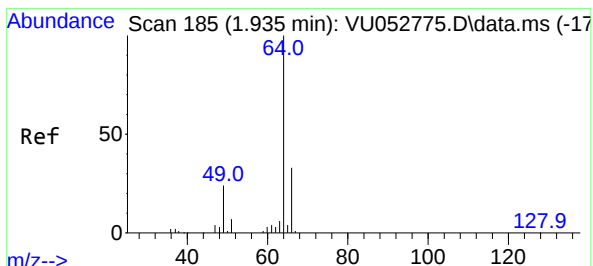
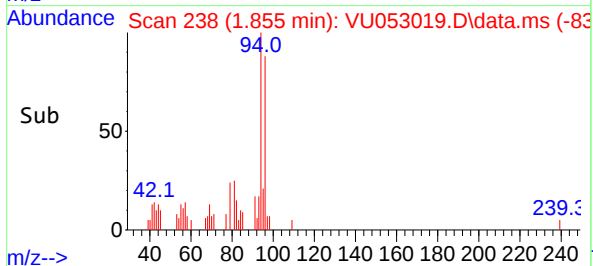
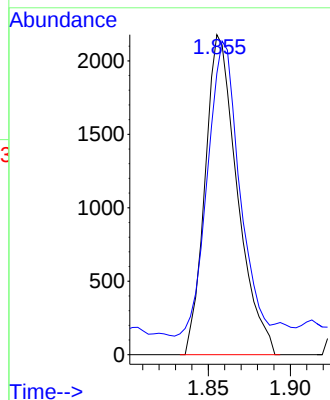
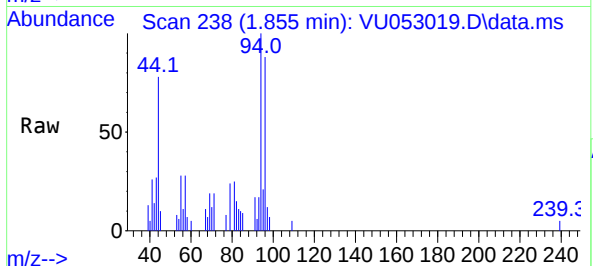




#5
Bromomethane
Concen: 0.550 ug/l
RT: 1.855 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053019.D
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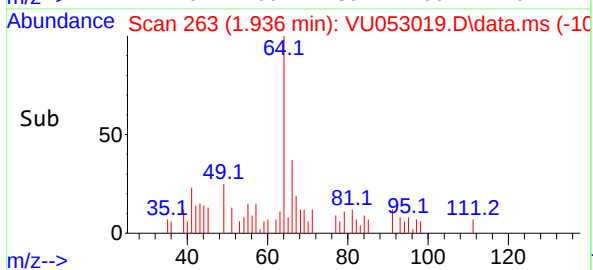
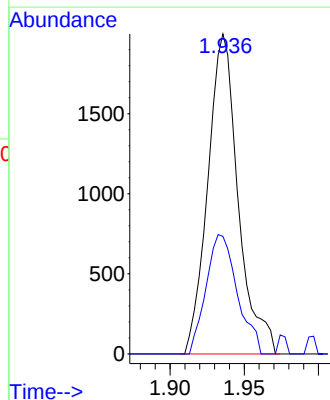
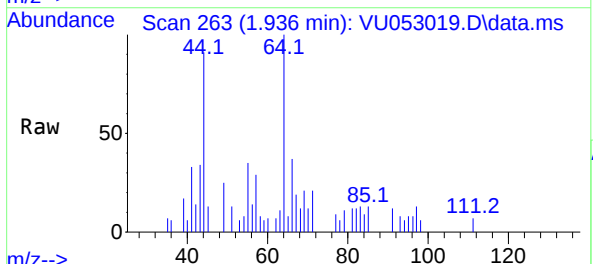
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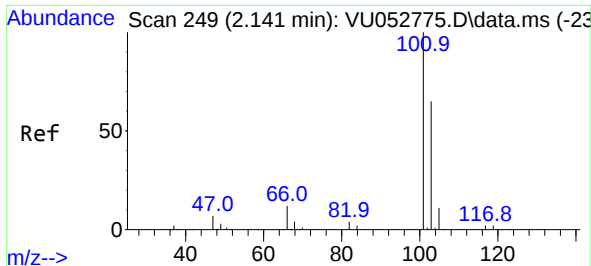
Tgt Ion: 94 Resp: 2971
Ion Ratio Lower Upper
94 100
96 81.3 73.8 110.6



#6
Chloroethane
Concen: 0.454 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.001 min
Lab File: VU053019.D
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Tgt Ion: 64 Resp: 2839
Ion Ratio Lower Upper
64 100
66 36.7 26.6 40.0

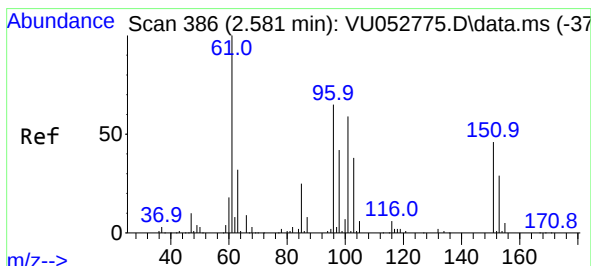
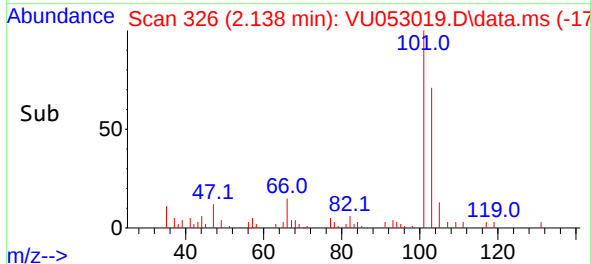
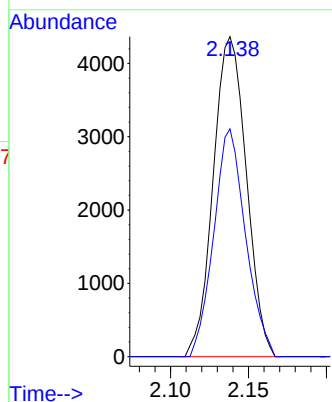
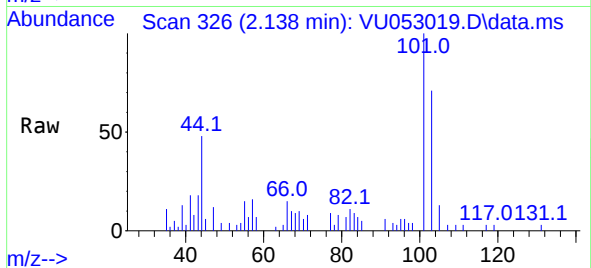




#7
Trichlorofluoromethane
Concen: 0.427 ug/l
RT: 2.138 min Scan# 31
Delta R.T. -0.003 min
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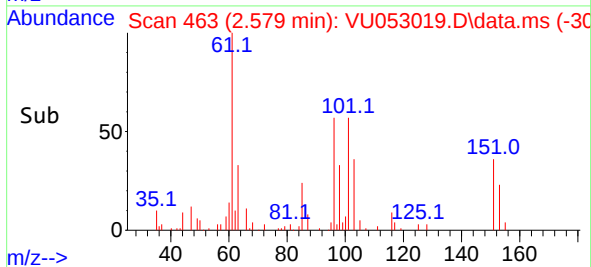
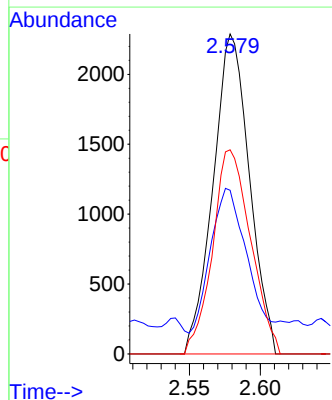
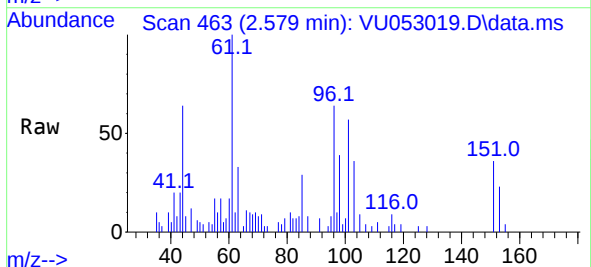
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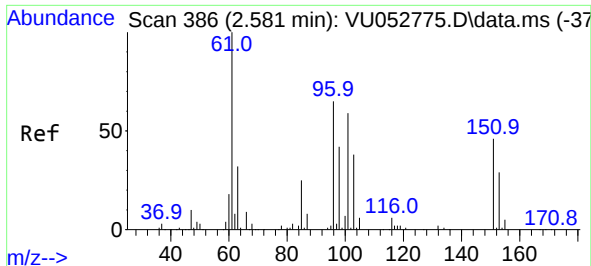
Tgt Ion:101 Resp: 6461
Ion Ratio Lower Upper
101 100
103 71.2 51.6 77.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.493 ug/l
RT: 2.579 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU053019.D
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Tgt Ion:101 Resp: 4081
Ion Ratio Lower Upper
101 100
85 40.7 34.1 51.1
151 66.8 63.0 94.4

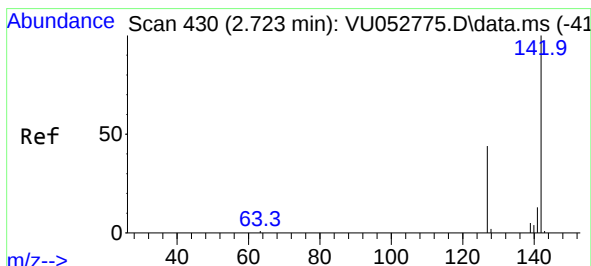
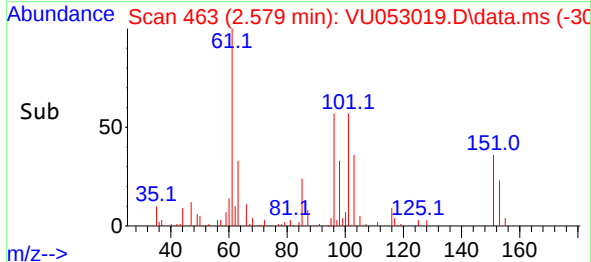
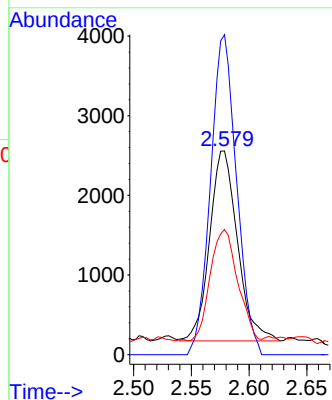
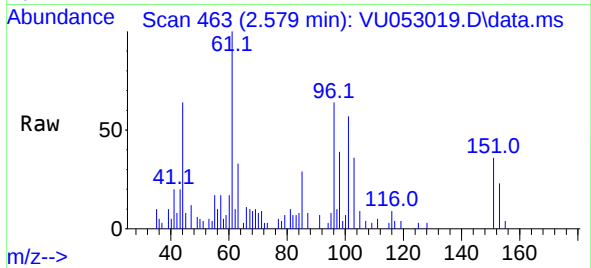




#9
1,1-Dichloroethene
Concen: 0.513 ug/l
RT: 2.579 min Scan# 4011
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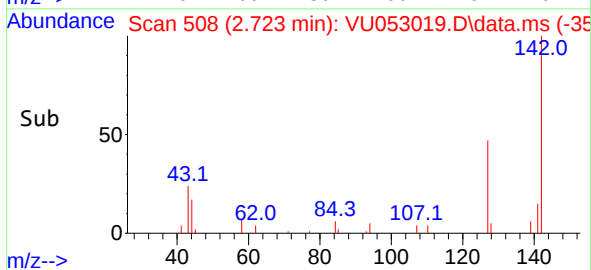
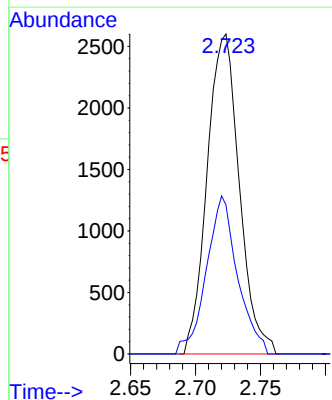
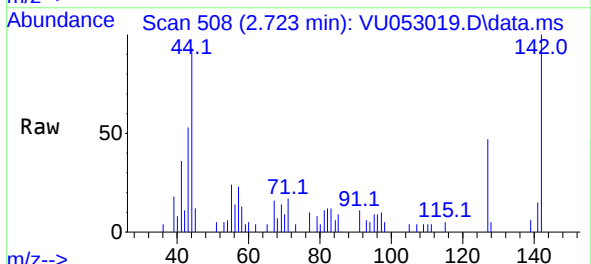
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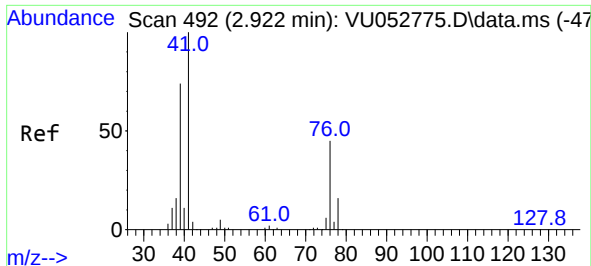
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Ion Ratio Lower Upper
96 100
61 168.5 0.0 460.5
98 58.0 0.0 128.0



#10
Iodomethane
Concen: 0.517 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 142 Resp: 4478
Ion Ratio Lower Upper
142 100
127 47.9 35.4 53.0

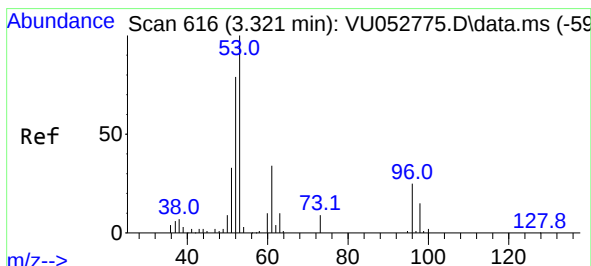
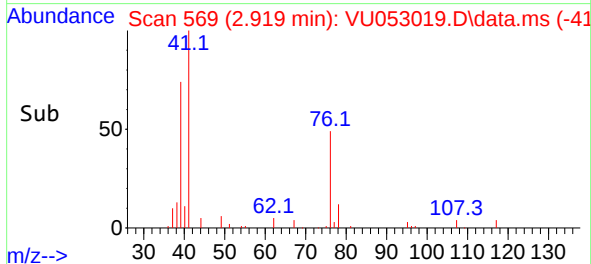
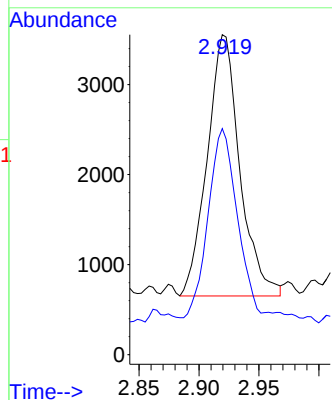
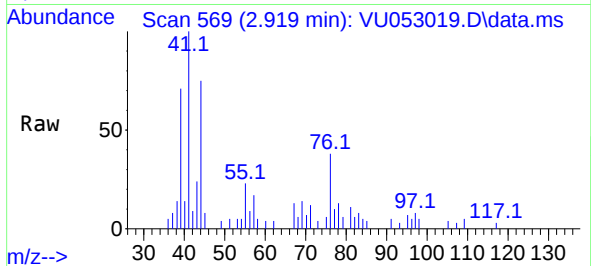




#11
 Allyl Chloride
 Concen: 0.588 ug/l
 RT: 2.919 min Scan# 50
 Delta R.T. -0.003 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

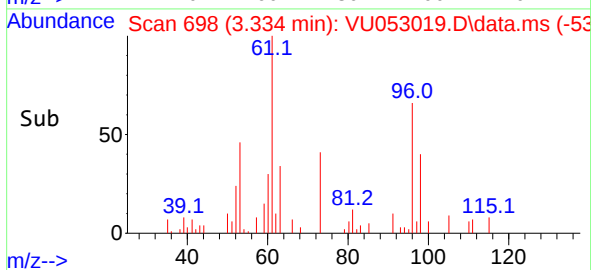
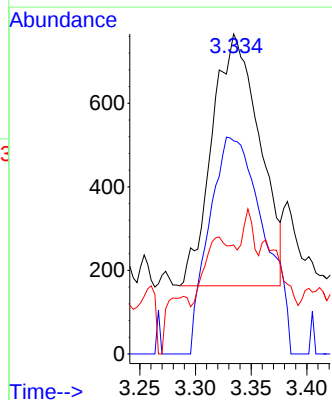
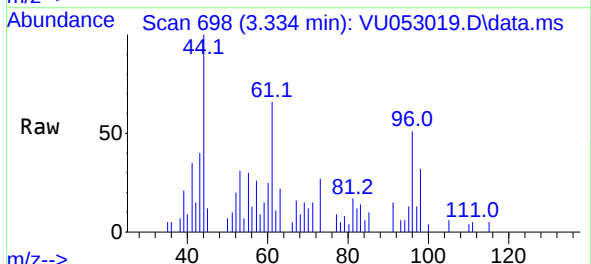
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

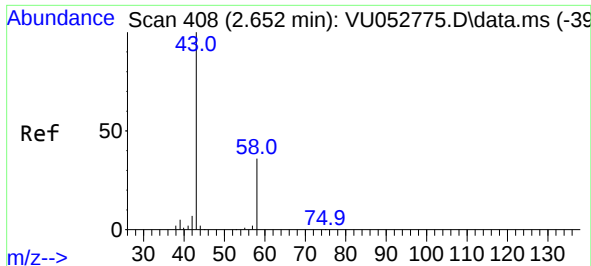
Tgt Ion: 41 Resp: 5495
 Ion Ratio Lower Upper
 41 100
 39 64.7 59.3 88.9



#12
 Acrylonitrile
 Concen: 1.077 ug/l
 RT: 3.334 min Scan# 698
 Delta R.T. 0.013 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Tgt Ion: 53 Resp: 1786
 Ion Ratio Lower Upper
 53 100
 52 98.8 63.0 94.4#
 51 17.1 31.3 46.9#





#13

Acetone

Concen: 1.319 ug/l

RT: 2.669 min Scan# 491

Delta R.T. 0.017 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

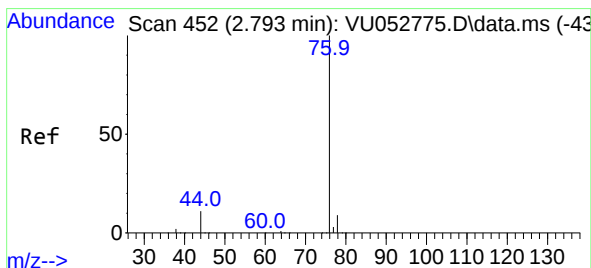
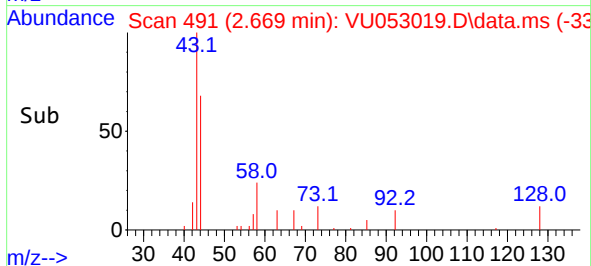
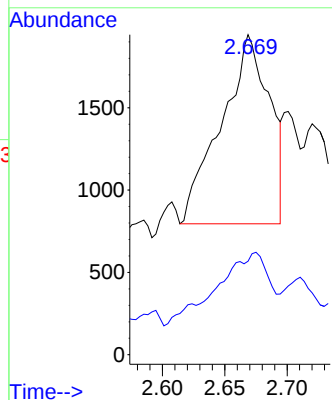
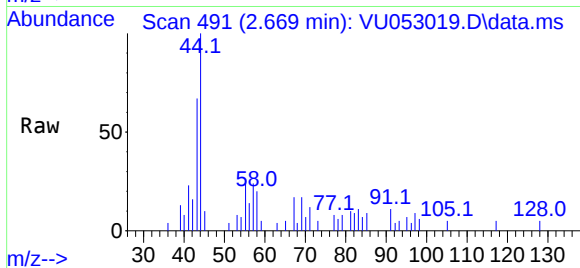
RL CHECK

Tgt Ion: 43 Resp: 3101

Ion Ratio Lower Upper

43 100

58 27.7 29.0 43.4#



#14

Carbon Disulfide

Concen: 0.425 ug/l

RT: 2.791 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU053019.D

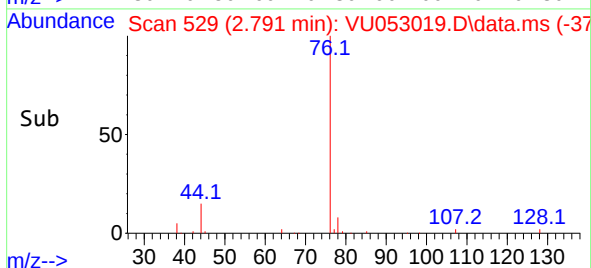
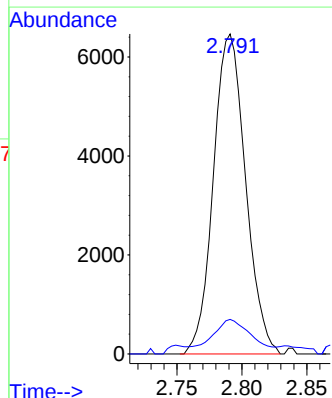
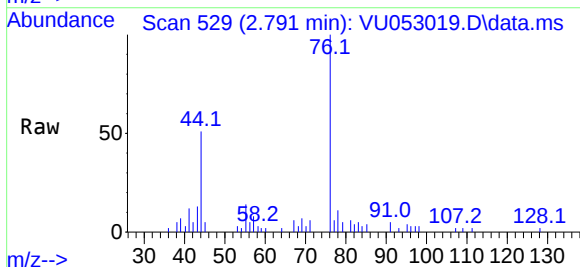
Acq: 09 Feb 2023 15:24

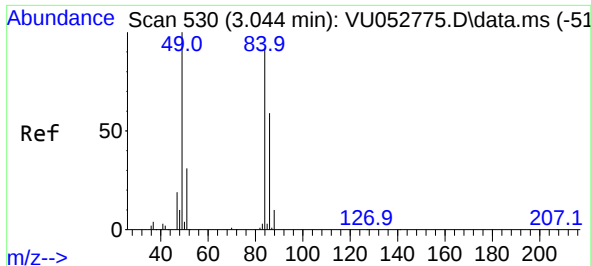
Tgt Ion: 76 Resp: 11138

Ion Ratio Lower Upper

76 100

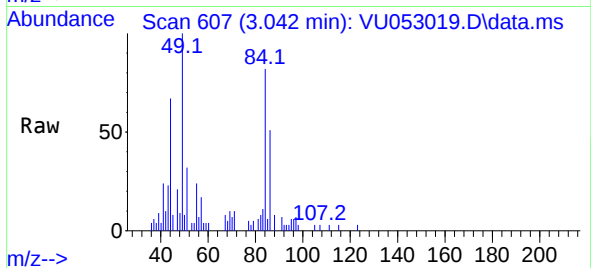
78 8.5 7.1 10.7





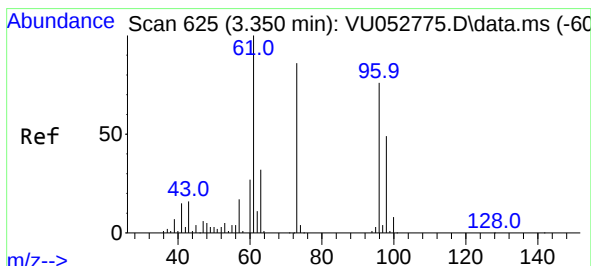
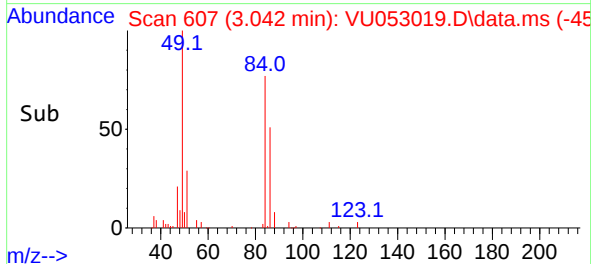
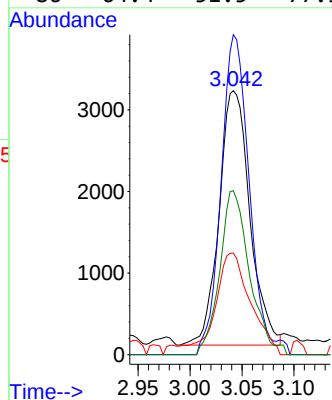
#15
Methylene Chloride
Concen: 0.680 ug/l
RT: 3.042 min Scan# 60
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
RL CHECK



Tgt Ion: 84 Resp: 6418

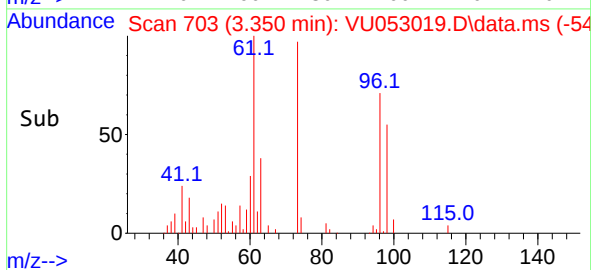
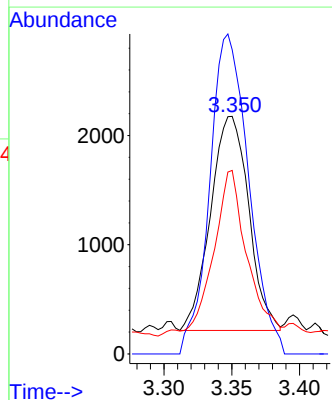
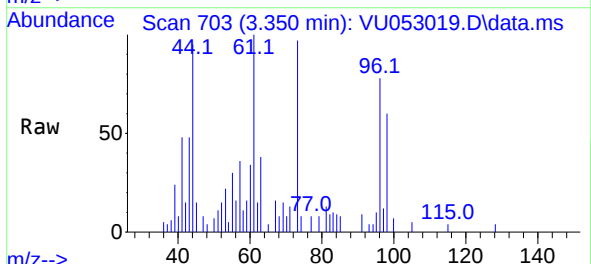
Ion	Ratio	Lower	Upper
84	100		
49	125.8	86.7	130.1
51	39.9	0.0	66.8
86	64.4	51.5	77.3

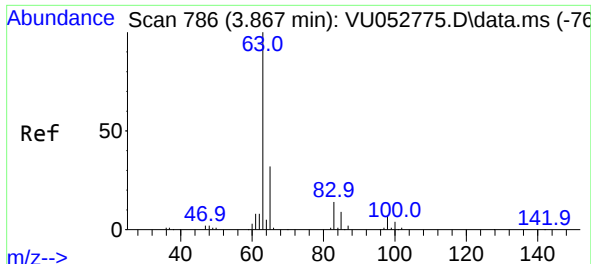


#16
trans-1,2-Dichloroethene
Concen: 0.441 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 96 Resp: 3840

Ion	Ratio	Lower	Upper
96	100		
61	142.1	105.7	158.5
98	75.0	51.4	77.2

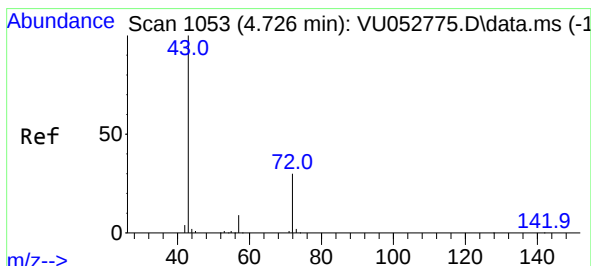
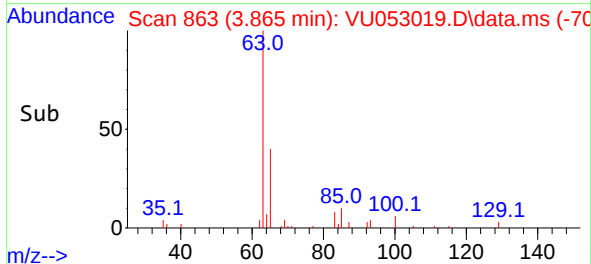
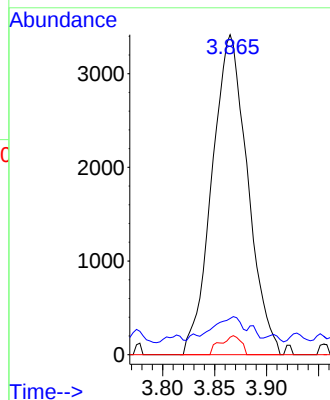
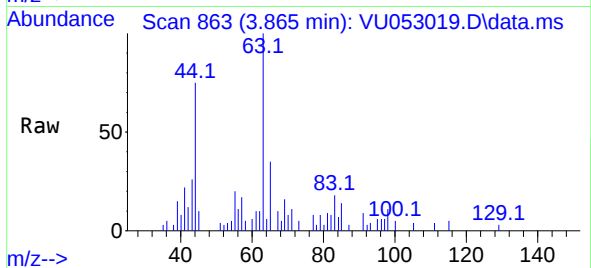




#17
1,1-Dichloroethane
Concen: 0.554 ug/l
RT: 3.865 min Scan# 8138
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

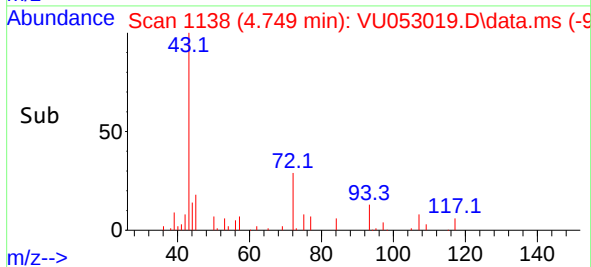
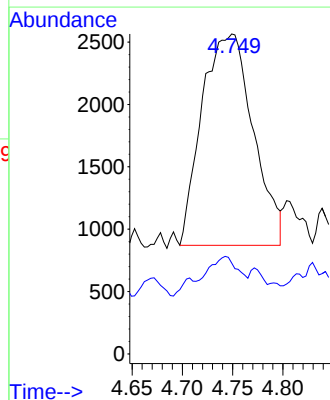
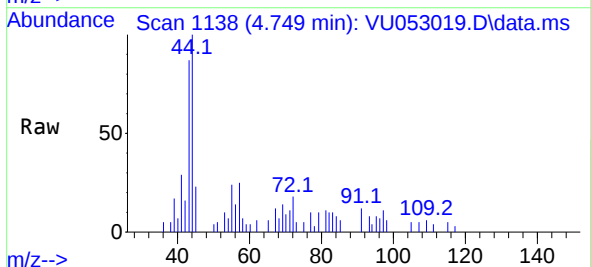
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

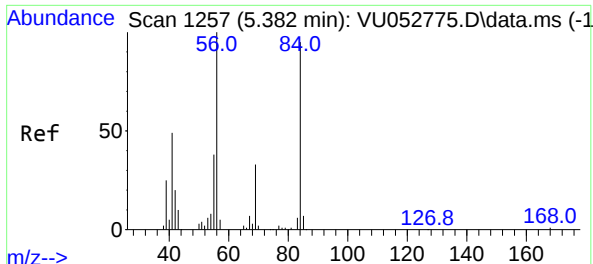
Tgt Ion:	63	Resp:	8138
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.2
100	5.4	2.2	6.6



#18
2-Butanone
Concen: 2.199 ug/l
RT: 4.749 min Scan# 1138
Delta R.T. 0.023 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:	43	Resp:	6006
Ion	Ratio	Lower	Upper
43	100		
57	12.6	0.0	17.4





#19

Cyclohexane

Concen: 0.526 ug/l

RT: 5.376 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

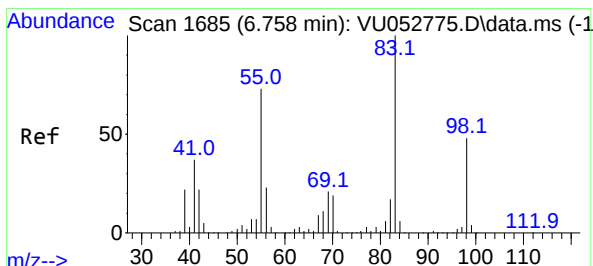
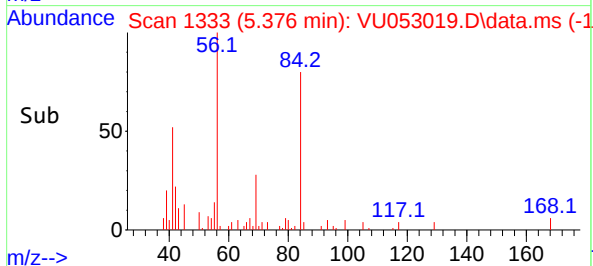
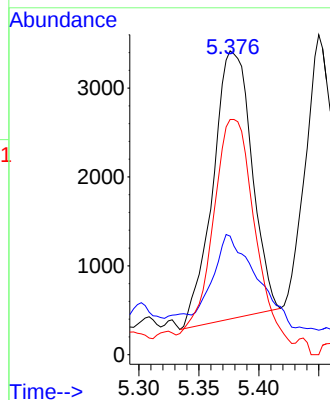
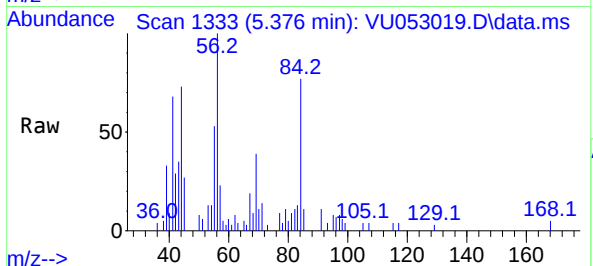
Tgt Ion: 56 Resp: 6791

Ion Ratio Lower Upper

56 100

69 33.7 26.8 40.2

84 85.6 77.0 115.6



#20

Methylcyclohexane

Concen: 0.485 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

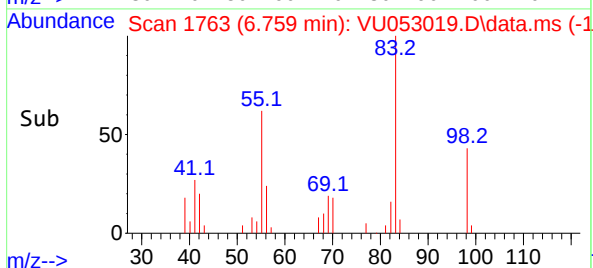
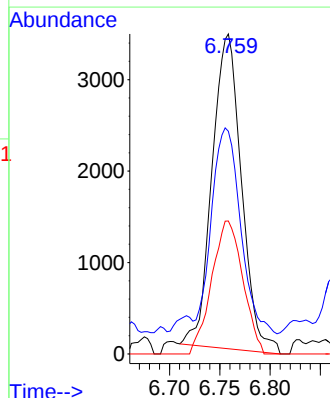
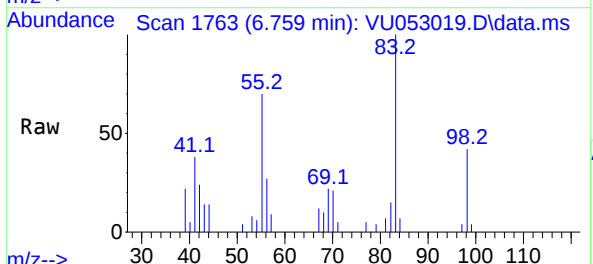
Tgt Ion: 83 Resp: 6991

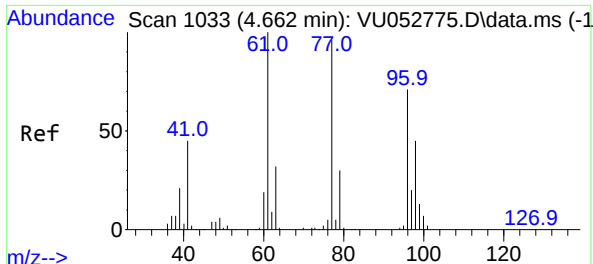
Ion Ratio Lower Upper

83 100

55 59.8 58.7 88.1

98 44.7 39.4 59.2

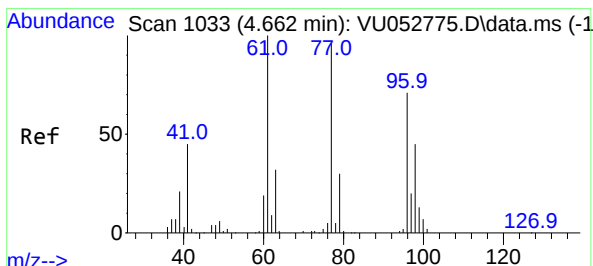
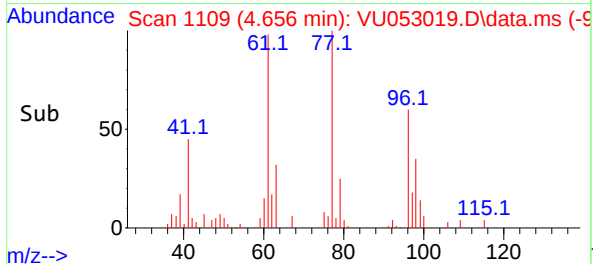
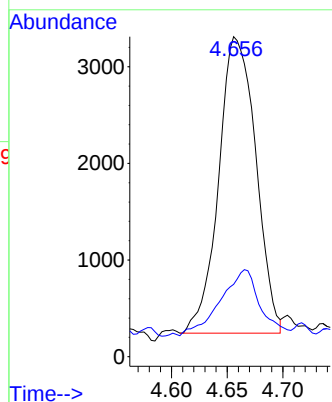
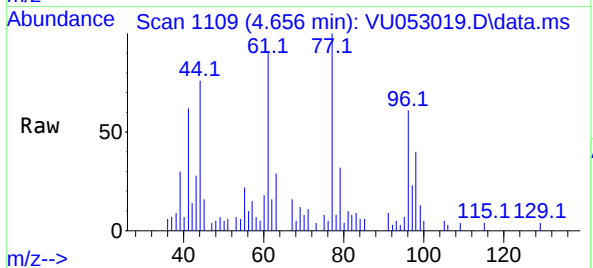




#21
2,2-Dichloropropane
Concen: 0.522 ug/l
RT: 4.656 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

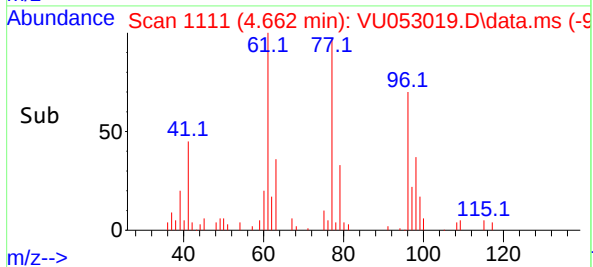
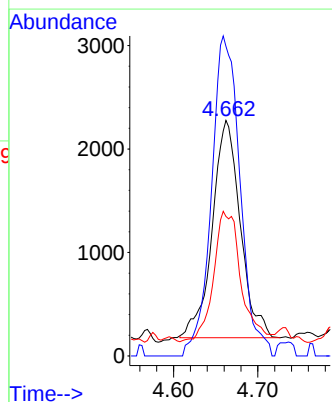
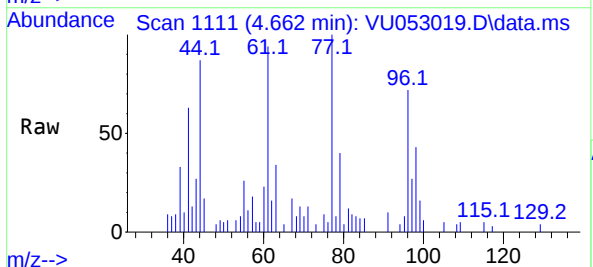
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

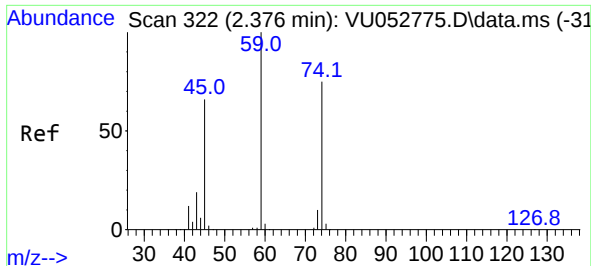
Tgt Ion: 77 Resp: 7117
Ion Ratio Lower Upper
77 100
97 23.9 16.8 25.2



#22
cis-1,2-Dichloroethene
Concen: 0.533 ug/l
RT: 4.662 min Scan# 1111
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 96 Resp: 4849
Ion Ratio Lower Upper
96 100
61 150.2 0.0 353.3
98 58.6 32.6 97.7





#23

Diethyl Ether

Concen: 0.498 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

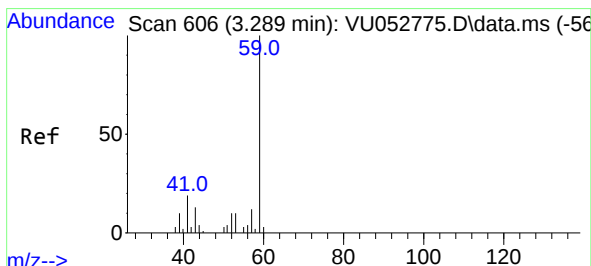
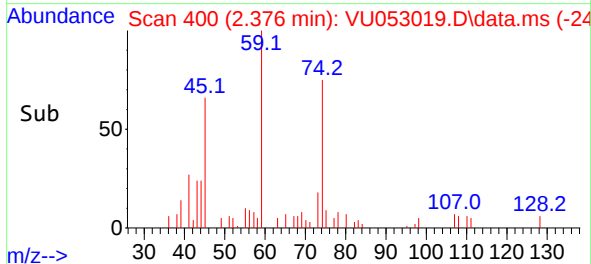
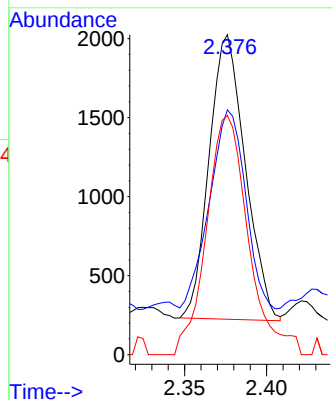
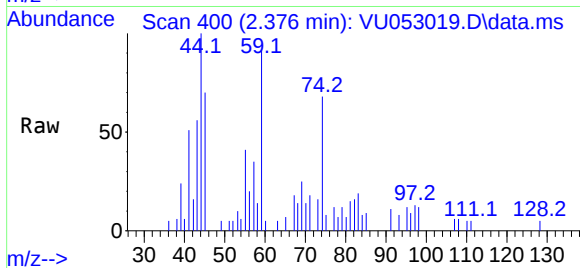
Tgt Ion: 59 Resp: 2753

Ion Ratio Lower Upper

59 100

45 69.2 52.1 78.1

74 96.8 61.6 92.4#



#24

tert-Butyl Alcohol

Concen: 0.227 ug/l

RT: 3.296 min Scan# 686

Delta R.T. 0.007 min

Lab File: VU053019.D

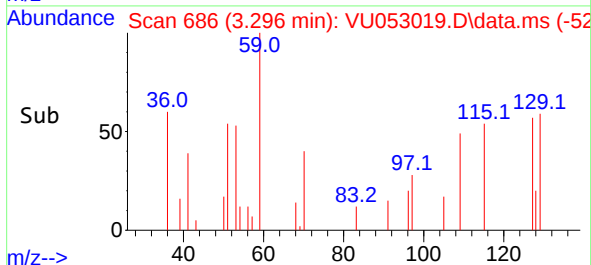
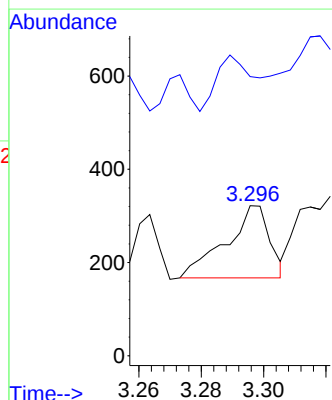
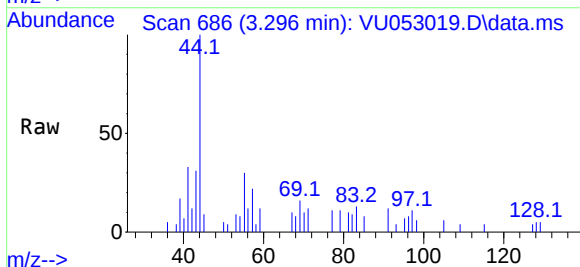
Acq: 09 Feb 2023 15:24

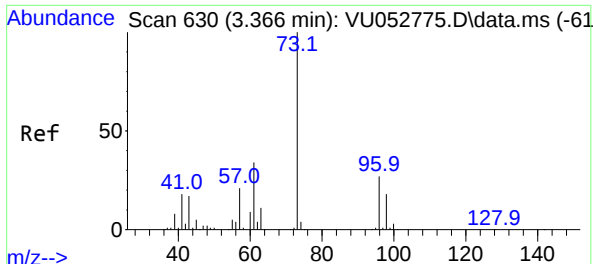
Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 63.6 45.8 68.8

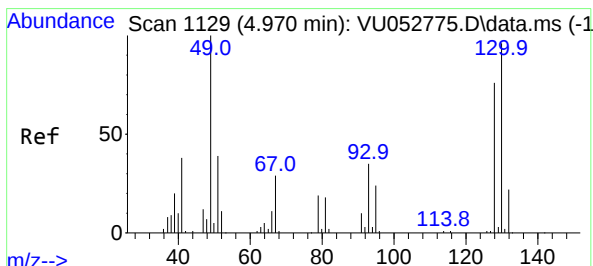
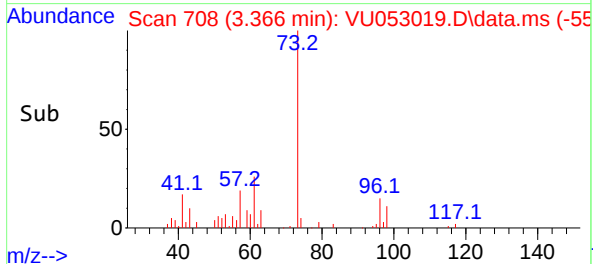
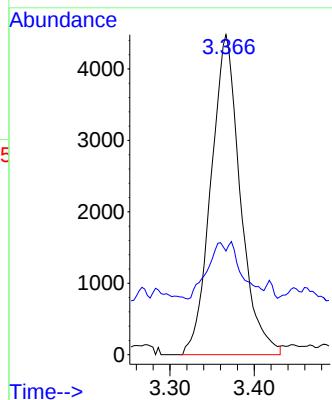
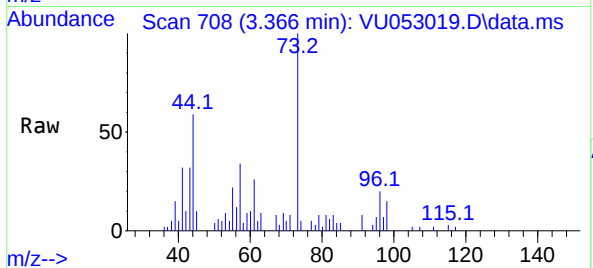




#25
Methyl tert-Butyl Ether
Concen: 0.604 ug/l
RT: 3.366 min Scan# 70
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

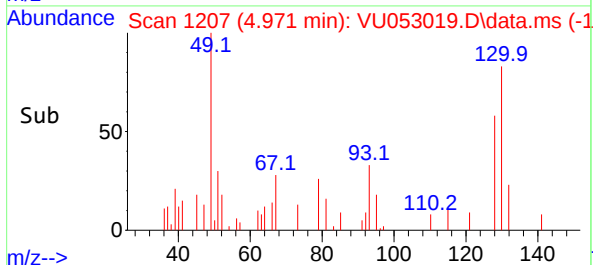
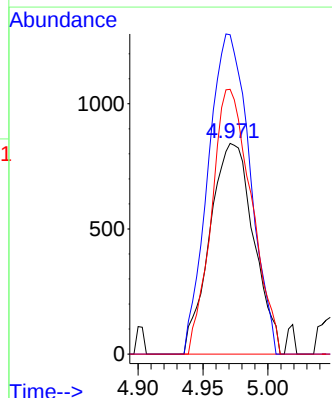
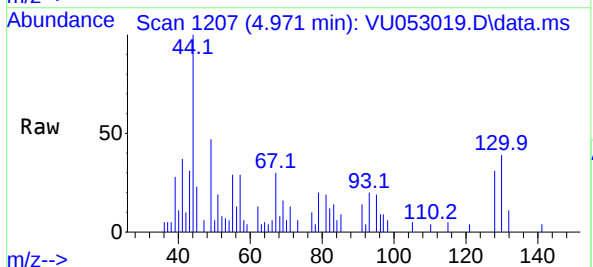
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

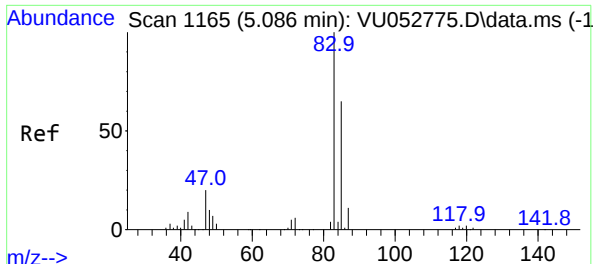
Tgt Ion: 73 Resp: 10828
Ion Ratio Lower Upper
73 100
43 11.2 15.3 22.9#



#26
Bromochloromethane
Concen: 0.466 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:128 Resp: 1980
Ion Ratio Lower Upper
128 100
49 144.4 0.0 265.0
130 114.4 100.7 151.1

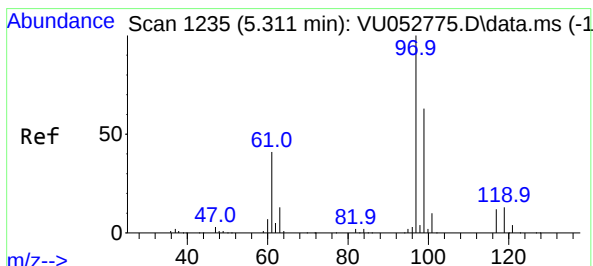
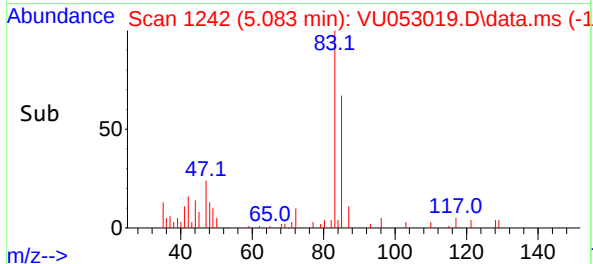
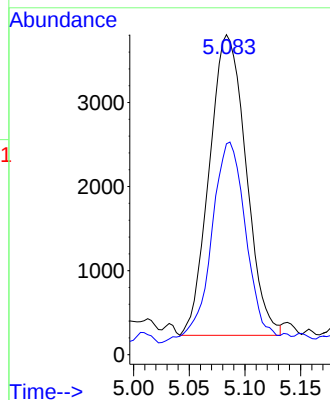
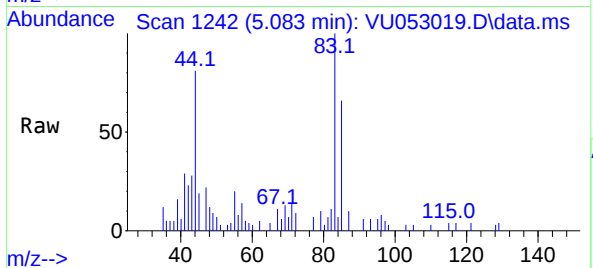




#27
Chloroform
Concen: 0.520 ug/l
RT: 5.083 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

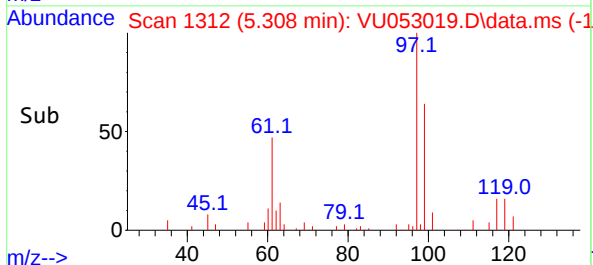
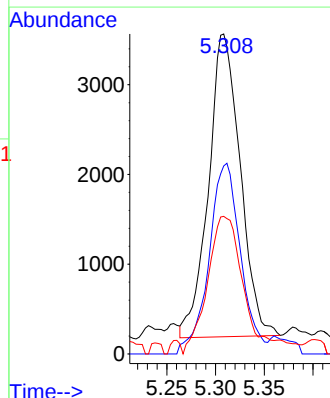
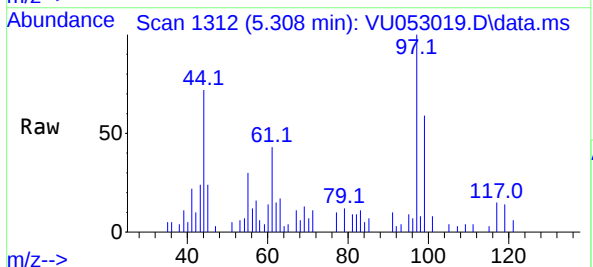
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

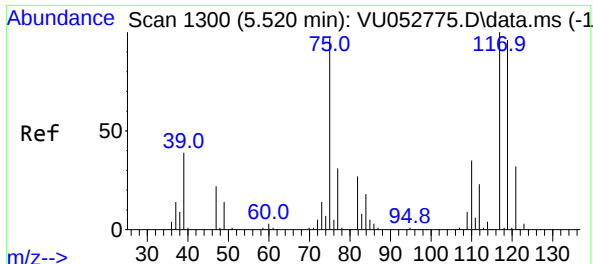
Tgt Ion: 83 Resp: 8196
Ion Ratio Lower Upper
83 100
85 64.0 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 0.526 ug/l
RT: 5.308 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 97 Resp: 7644
Ion Ratio Lower Upper
97 100
99 62.7 31.9 95.5
61 50.4 20.8 62.2

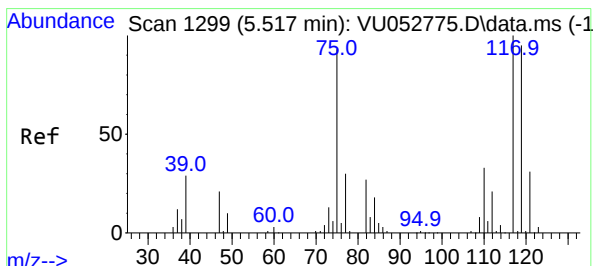
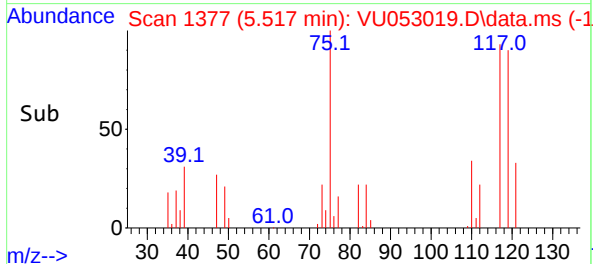
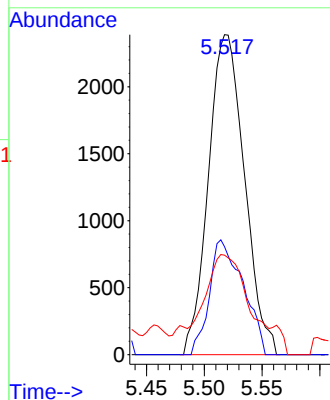
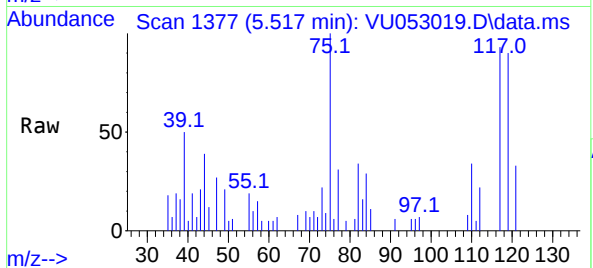




#29
1,1-Dichloropropene
Concen: 0.423 ug/l
RT: 5.517 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

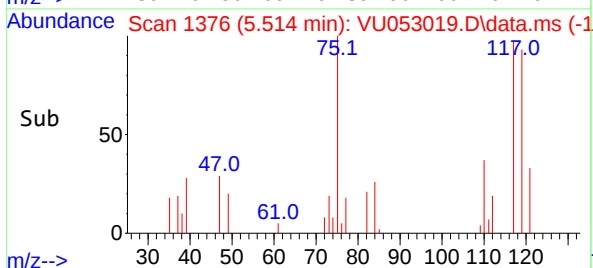
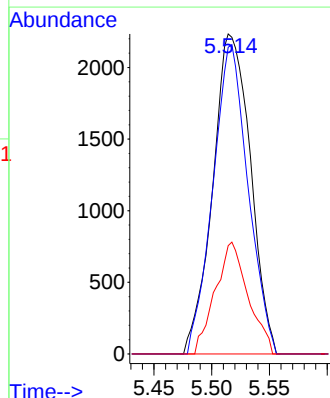
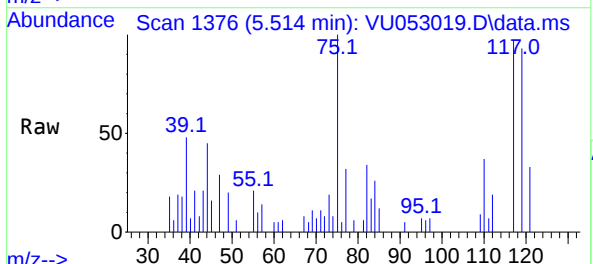
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

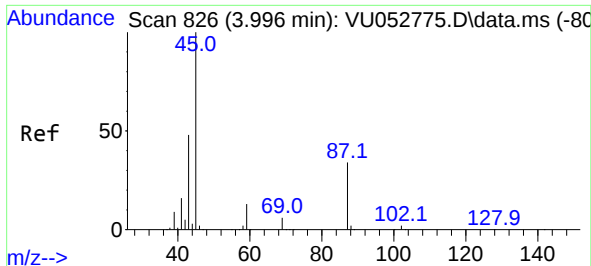
Tgt Ion: 75 Resp: 5188
Ion Ratio Lower Upper
75 100
110 33.6 17.4 52.2
77 23.2 24.8 37.2#



#30
Carbon Tetrachloride
Concen: 0.384 ug/l
RT: 5.514 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 117 Resp: 5062
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 33.8 25.0 37.6

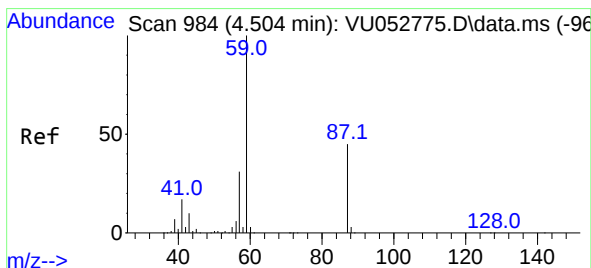
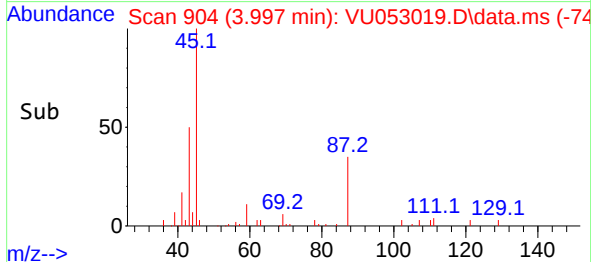
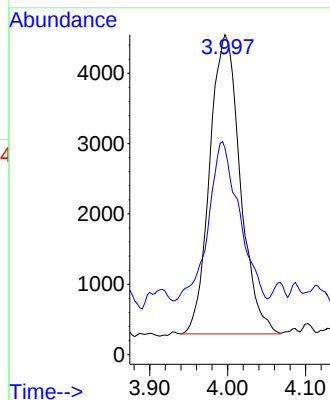
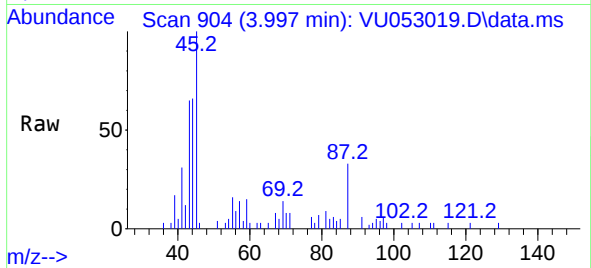




#31
Isopropyl Ether
Concen: 0.547 ug/l
RT: 3.997 min Scan# 90
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

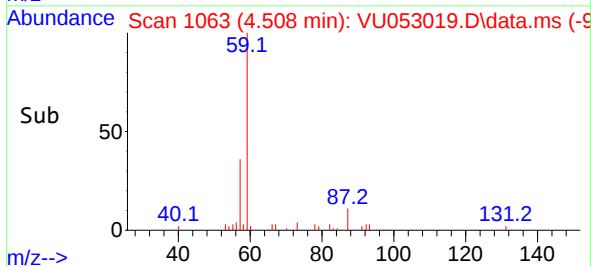
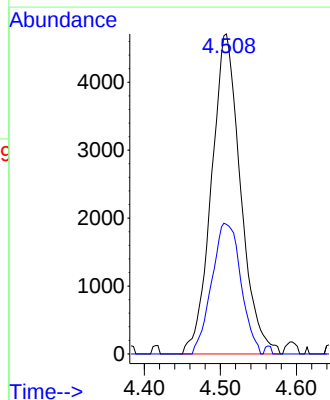
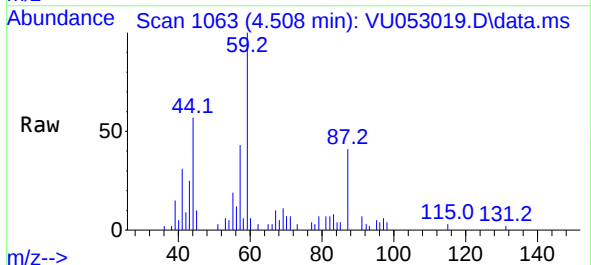
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

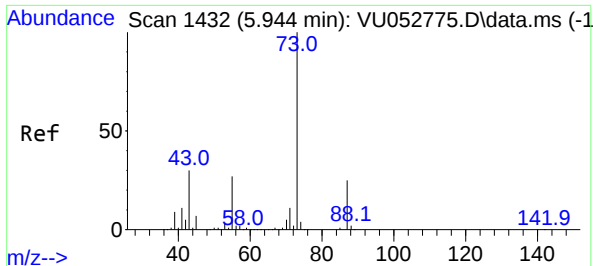
Tgt Ion: 45 Resp: 11556
Ion Ratio Lower Upper
45 100
43 53.8 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 0.635 ug/l
RT: 4.508 min Scan# 1063
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 59 Resp: 12521
Ion Ratio Lower Upper
59 100
87 40.8 36.2 54.2

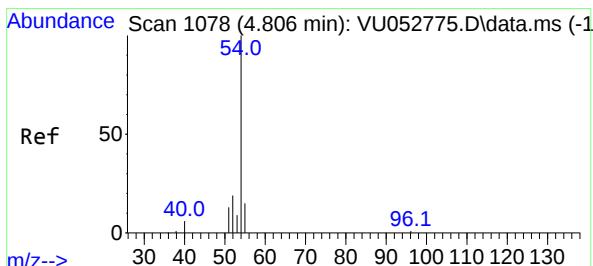
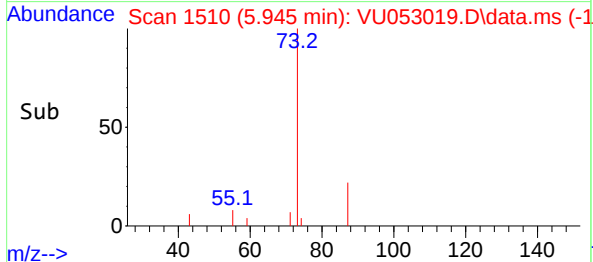
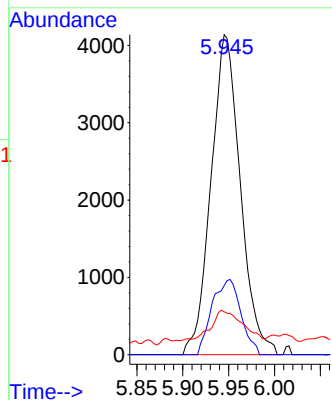
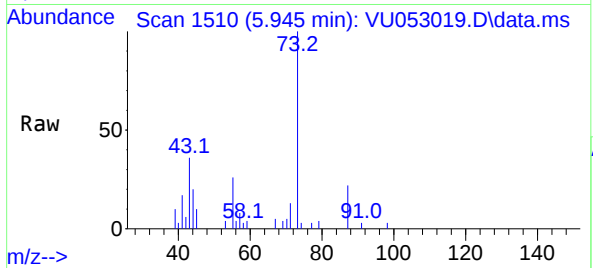




#33
Tert-Amyl methyl ether
Concen: 0.528 ug/l
RT: 5.945 min Scan# 1156
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

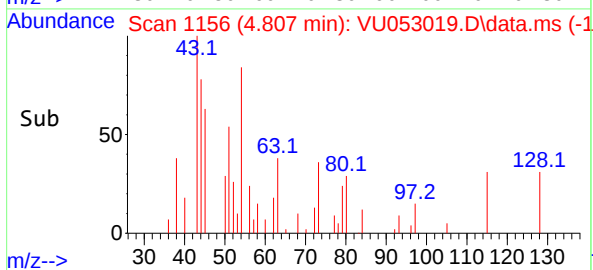
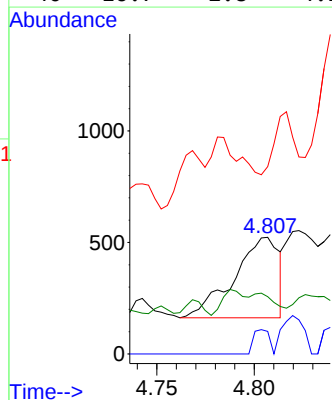
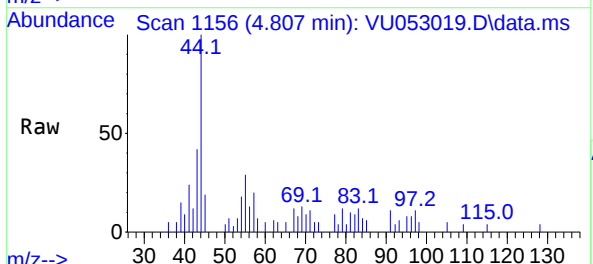
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

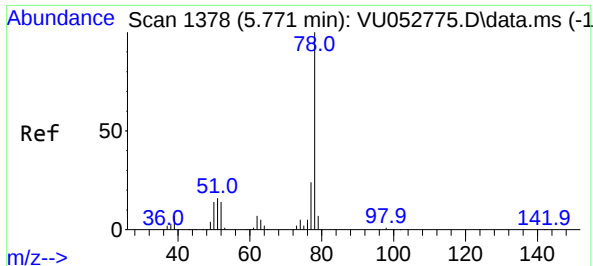
Tgt Ion: 73	Resp:	9207
Ion	Ratio	Lower Upper
73	100	
87	23.1	20.1 30.1
71	8.5	9.2 13.8#



#34
Propionitrile
Concen: 0.927 ug/l
RT: 4.807 min Scan# 1156
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 54	Resp:	580
Ion	Ratio	Lower Upper
54	100	
52	10.3	16.9 25.3#
55	23.3	118.6 178.0#
40	16.7	2.8 4.2#

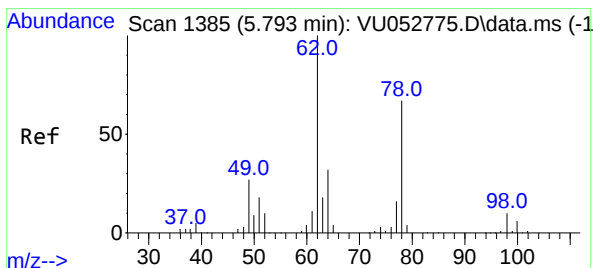
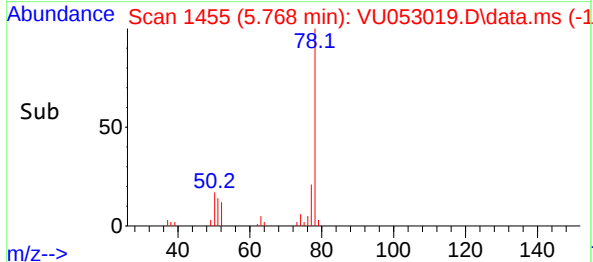
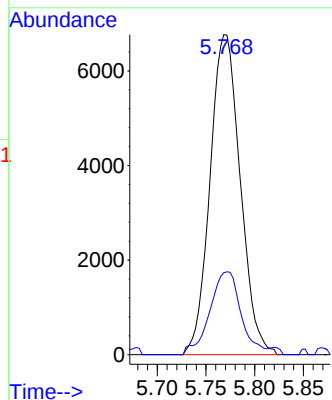
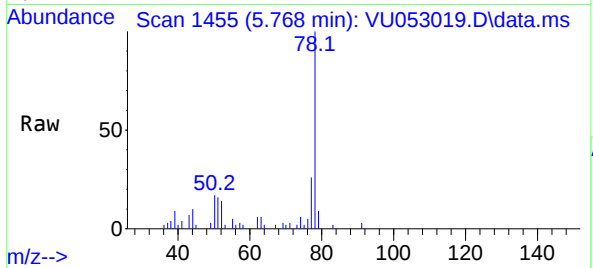




#35
Benzene
Concen: 0.411 ug/l
RT: 5.768 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

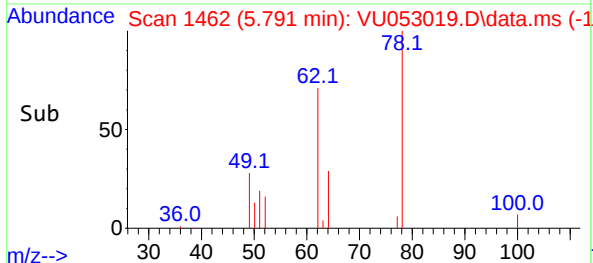
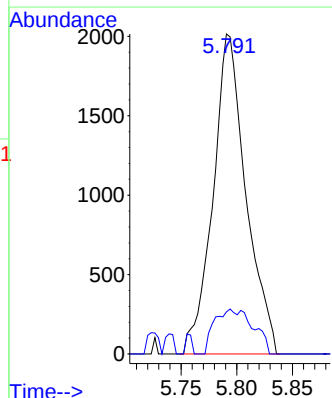
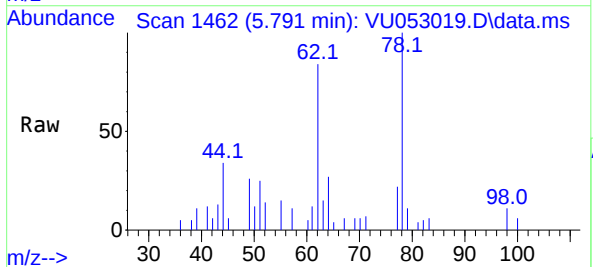
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

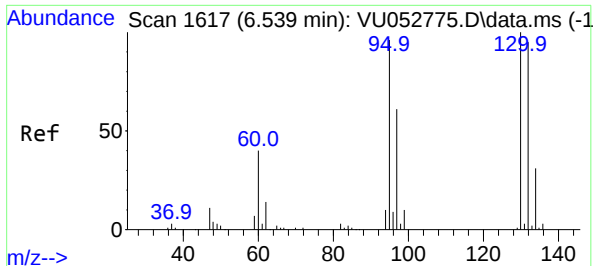
Tgt Ion: 78 Resp: 14610
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.388 ug/l
RT: 5.791 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 62 Resp: 4143
Ion Ratio Lower Upper
62 100
98 16.5 7.5 11.3#

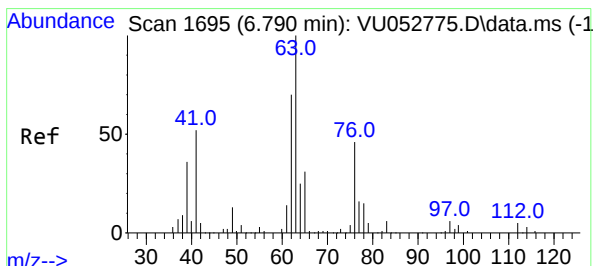
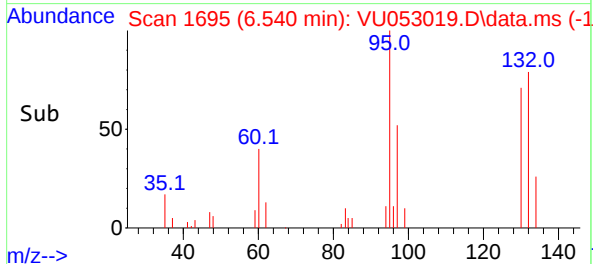
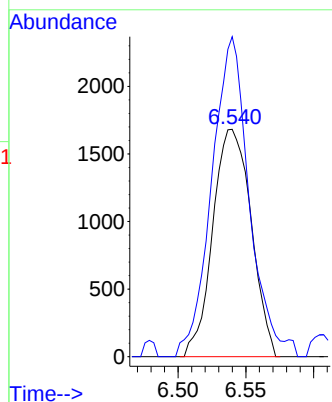
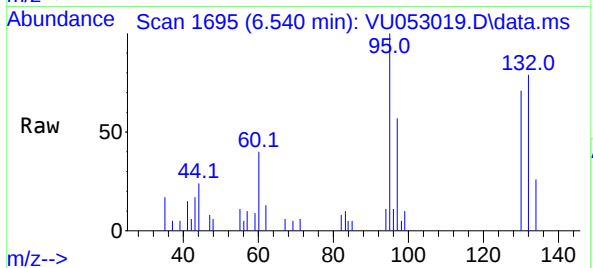




#37
Trichloroethene
Concen: 0.342 ug/l
RT: 6.540 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

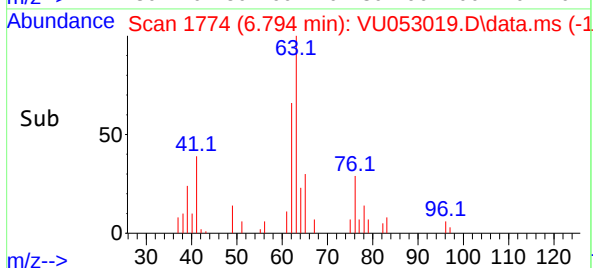
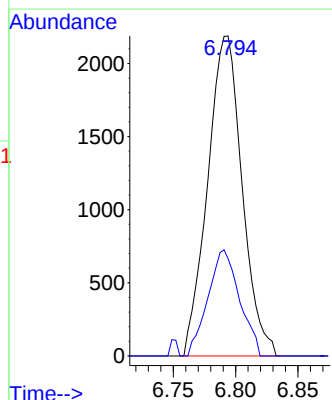
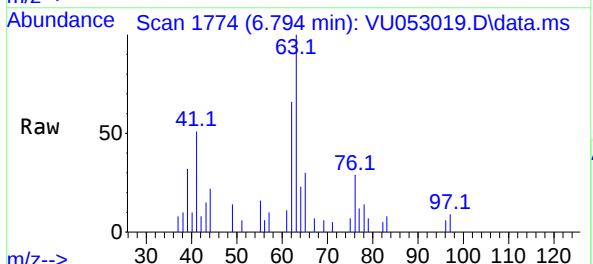
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

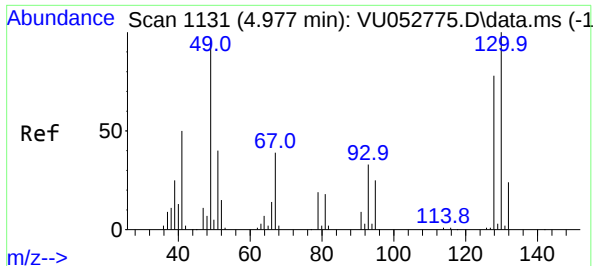
Tgt Ion:130 Resp: 3317
Ion Ratio Lower Upper
130 100
95 134.6 76.6 114.8#



#38
1,2-Dichloropropane
Concen: 0.467 ug/l
RT: 6.794 min Scan# 1774
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 63 Resp: 4216
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8





#39

Methacrylonitrile

Concen: 0.583 ug/l

RT: 4.984 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion: 41 Resp: 1456

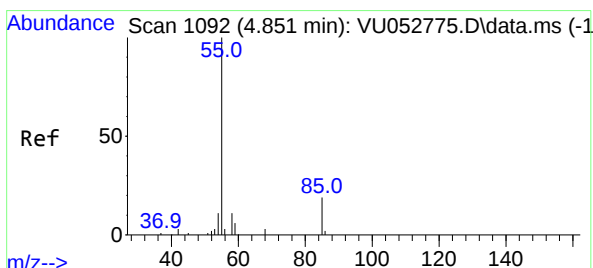
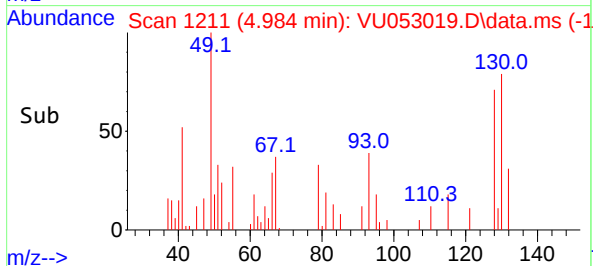
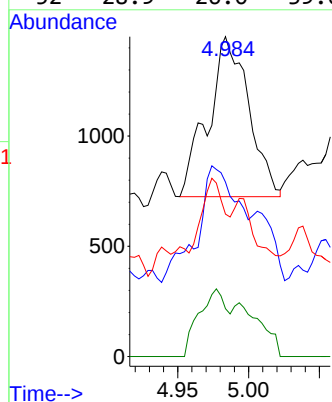
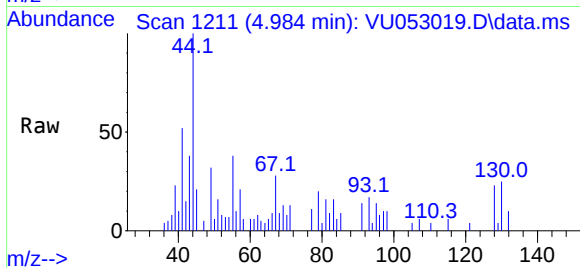
Ion Ratio Lower Upper

41 100

67 73.4 64.9 97.3

39 24.8 41.7 62.5#

52 28.9 26.0 39.0



#40

Methyl acrylate

Concen: 0.480 ug/l

RT: 4.858 min Scan# 1172

Delta R.T. 0.007 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Tgt Ion: 55 Resp: 2124

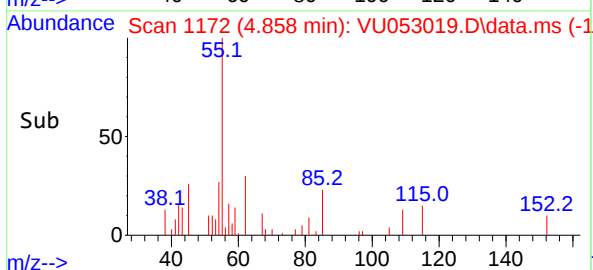
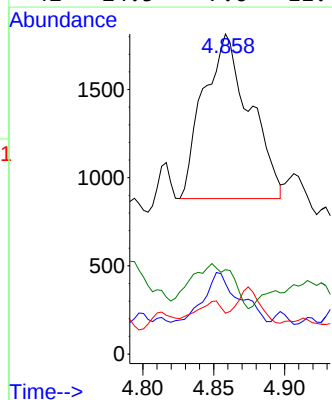
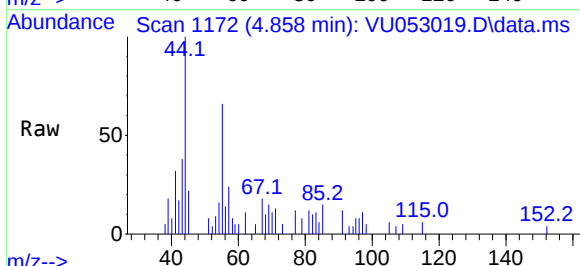
Ion Ratio Lower Upper

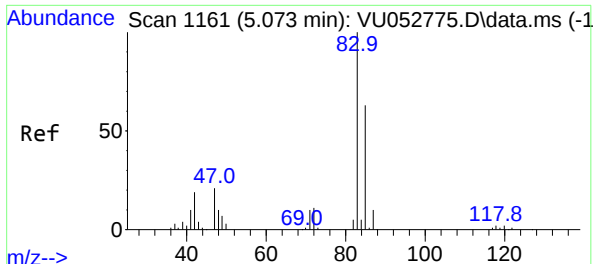
55 100

85 21.6 14.4 21.6

58 7.9 7.3 10.9

42 24.5 7.6 11.4#





#41

Tetrahydrofuran

Concen: 1.556 ug/l

RT: 5.083 min Scan# 1161

Delta R.T. 0.010 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

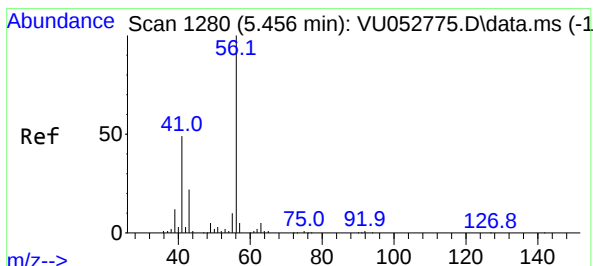
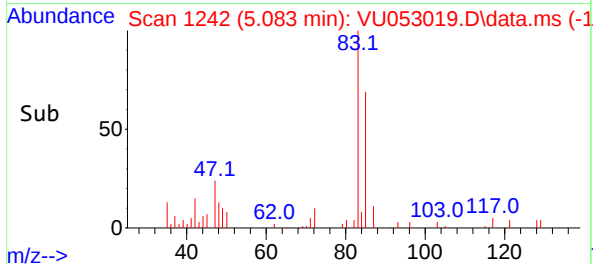
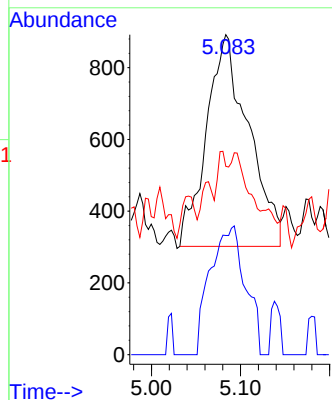
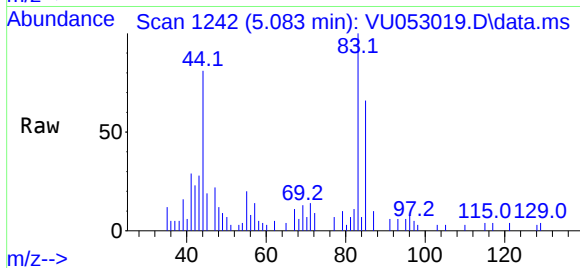
Tgt Ion: 42 Resp: 1934

Ion Ratio Lower Upper

42 100

72 50.6 49.1 73.7

71 5.2 43.8 65.6#



#42

1-Chlorobutane

Concen: 0.421 ug/l

RT: 5.450 min Scan# 1356

Delta R.T. -0.006 min

Lab File: VU053019.D

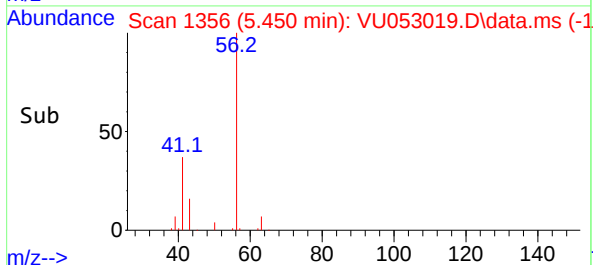
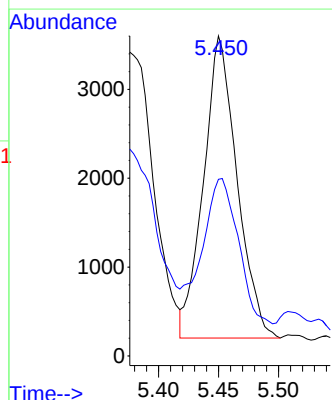
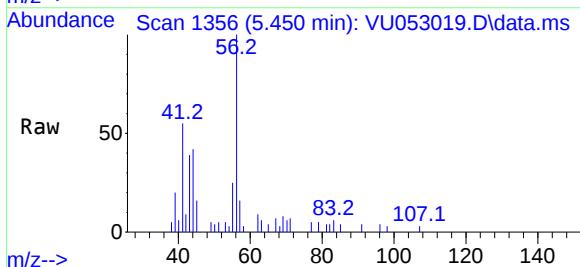
Acq: 09 Feb 2023 15:24

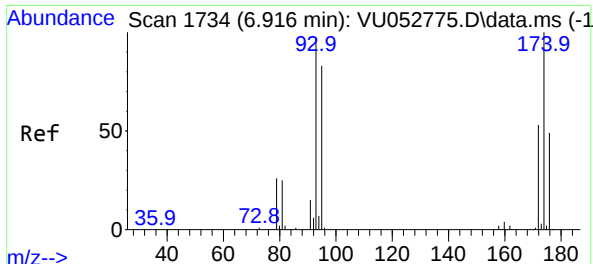
Tgt Ion: 56 Resp: 6604

Ion Ratio Lower Upper

56 100

41 49.1 24.5 73.5

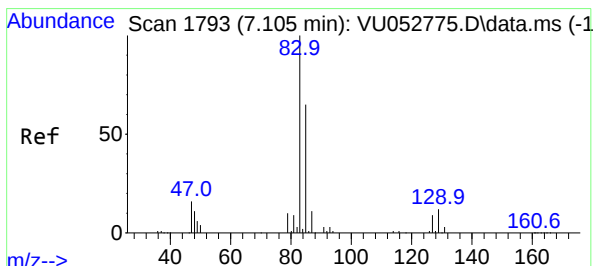
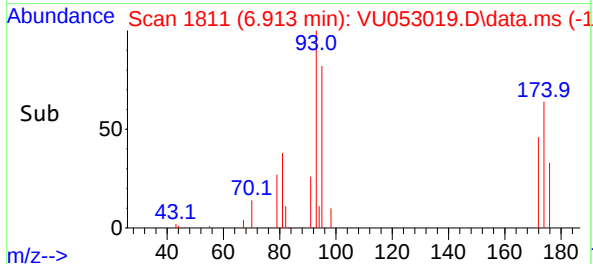
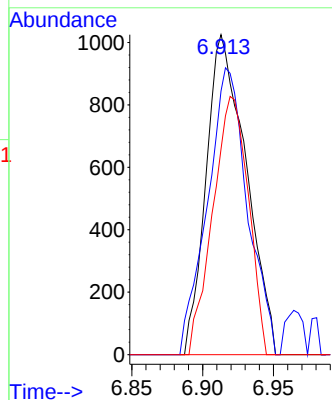
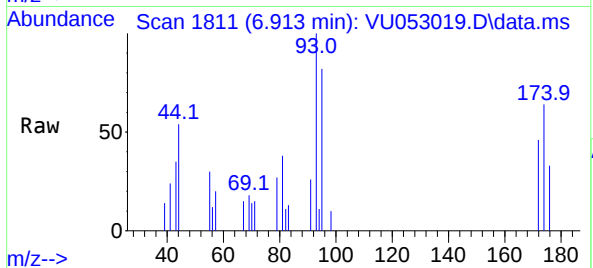




#43
Dibromomethane
Concen: 0.440 ug/l
RT: 6.913 min Scan# 1811
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

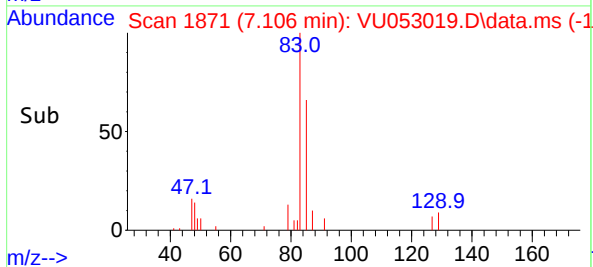
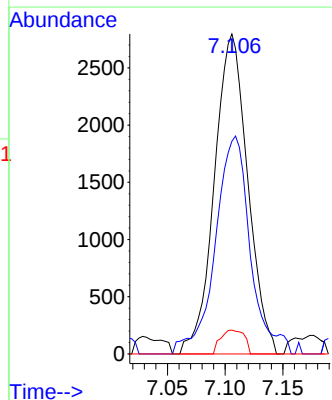
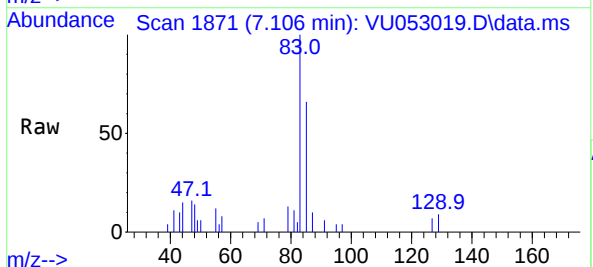
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

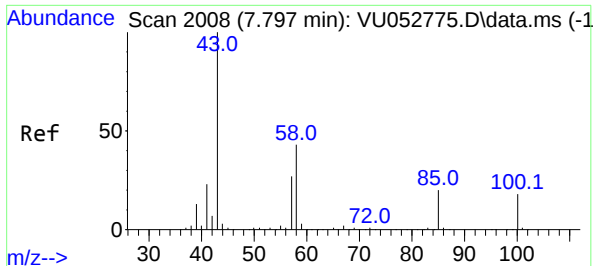
Tgt Ion: 93 Resp: 2009
Ion Ratio Lower Upper
93 100
95 90.1 67.0 100.6
174 71.6 82.2 123.4#



#44
Bromodichloromethane
Concen: 0.454 ug/l
RT: 7.106 min Scan# 1871
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 83 Resp: 5624
Ion Ratio Lower Upper
83 100
85 62.5 52.1 78.1
127 7.5 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 2.246 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.004 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

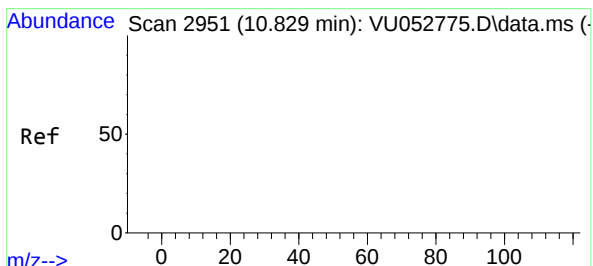
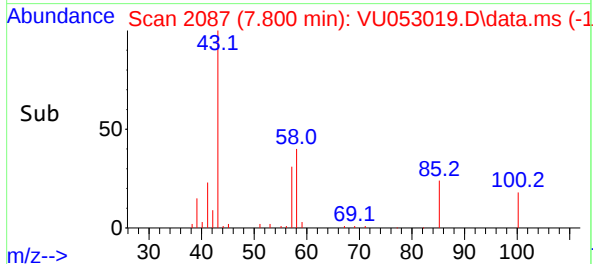
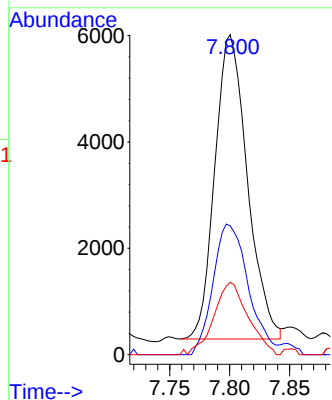
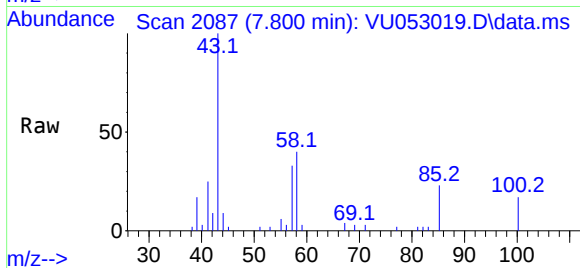
Tgt Ion: 43 Resp: 10781

Ion Ratio Lower Upper

43 100

58 46.4 21.7 65.1

85 25.1 16.2 24.4#



#46

t-1,4-Dichloro-2-butene

Concen: 1.969 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.006 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Tgt Ion: 75 Resp: 4957

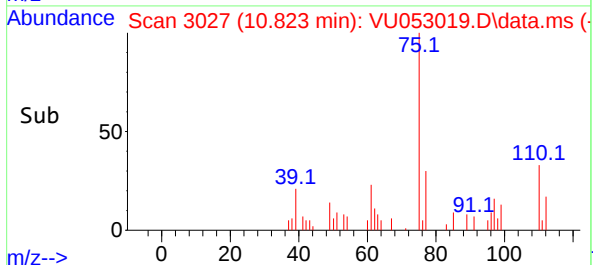
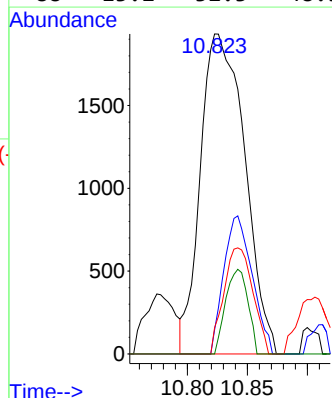
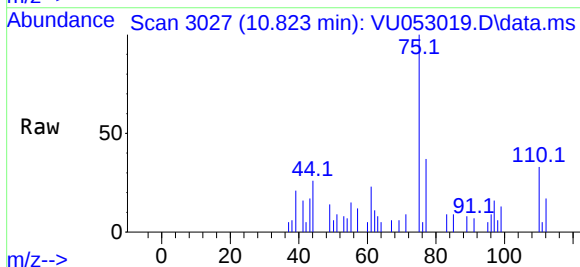
Ion Ratio Lower Upper

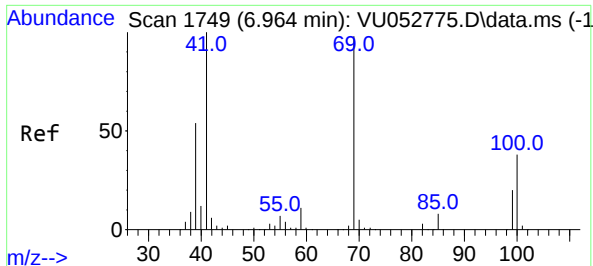
75 100

53 27.6 57.0 85.4#

89 21.8 41.1 61.7#

88 13.2 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.071 ug/l

RT: 6.968 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion: 69 Resp: 4351

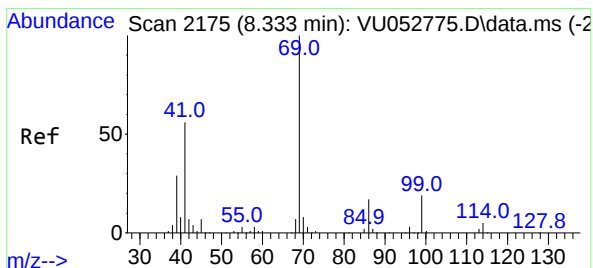
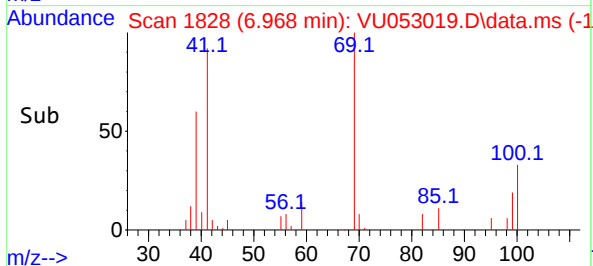
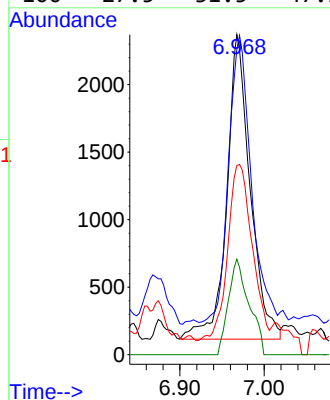
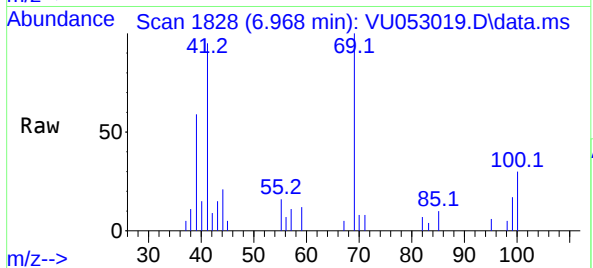
Ion Ratio Lower Upper

69 100

41 89.8 0.0 201.8

39 59.9 44.0 66.0

100 27.5 31.5 47.3#



#48

Ethyl methacrylate

Concen: 0.649 ug/l

RT: 8.337 min Scan# 2254

Delta R.T. 0.004 min

Lab File: VU053019.D

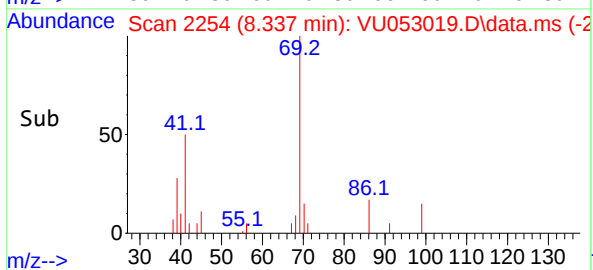
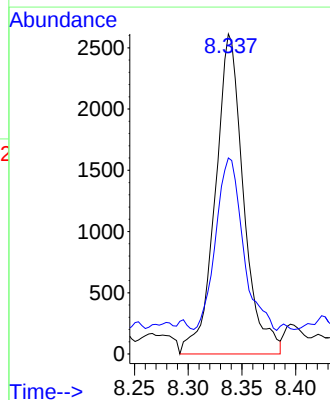
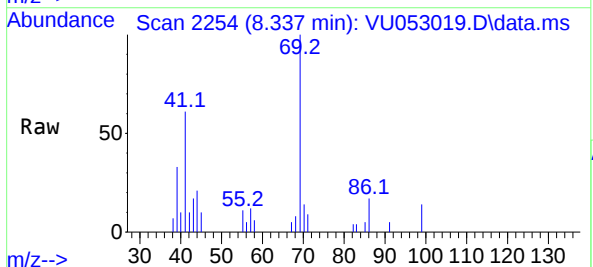
Acq: 09 Feb 2023 15:24

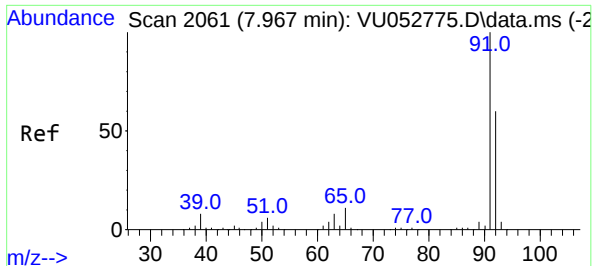
Tgt Ion: 69 Resp: 4780

Ion Ratio Lower Upper

69 100

41 52.3 28.1 84.4





#49

Toluene

Concen: 0.423 ug/l

RT: 7.967 min Scan# 2119

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

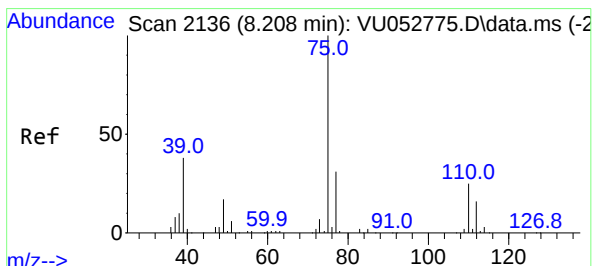
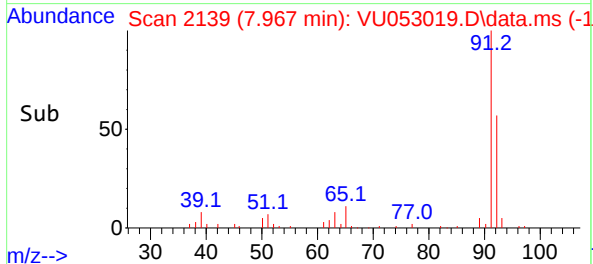
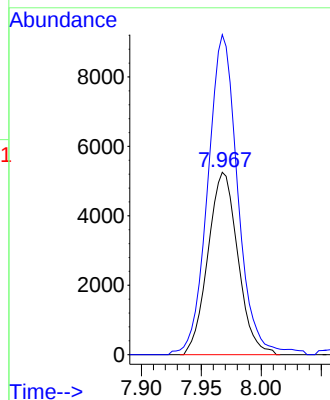
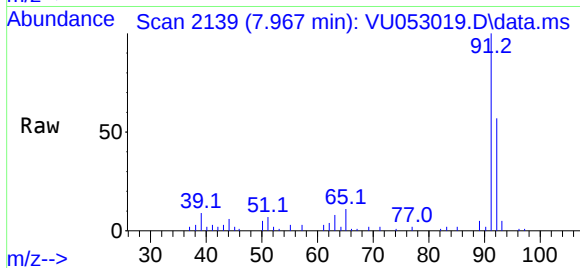
RL CHECK

Tgt Ion: 92 Resp: 9126

Ion Ratio Lower Upper

92 100

91 176.1 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 0.479 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.001 min

Lab File: VU053019.D

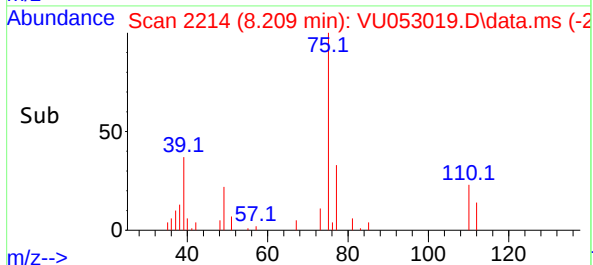
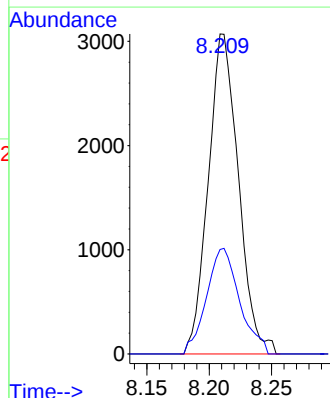
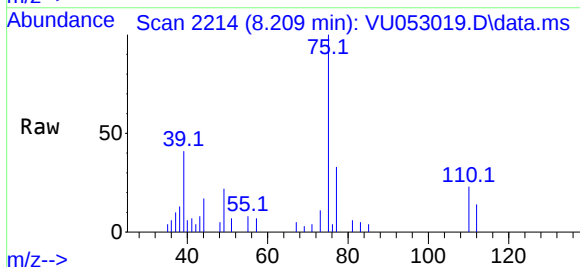
Acq: 09 Feb 2023 15:24

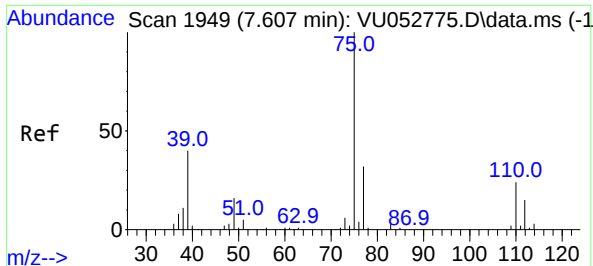
Tgt Ion: 75 Resp: 5177

Ion Ratio Lower Upper

75 100

77 32.7 24.4 36.6

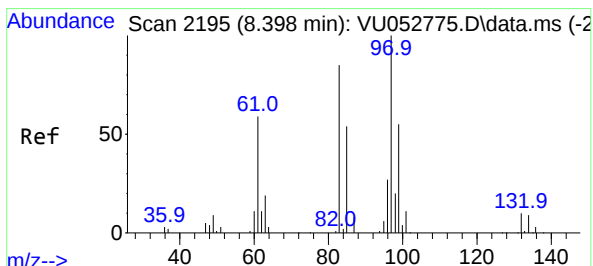
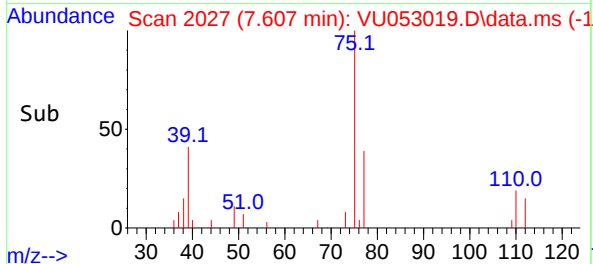
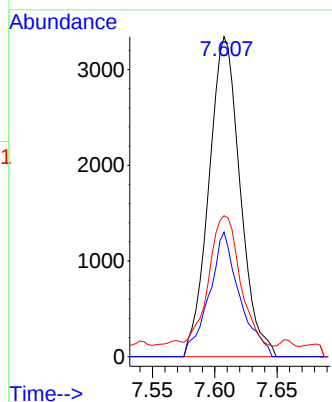
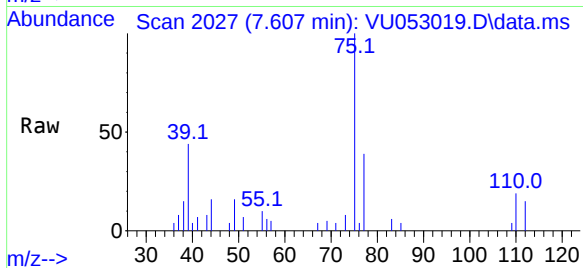




#51
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/l
 RT: 7.607 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

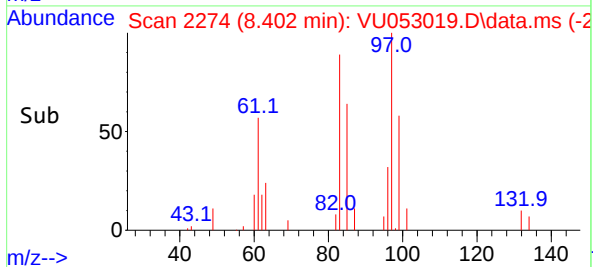
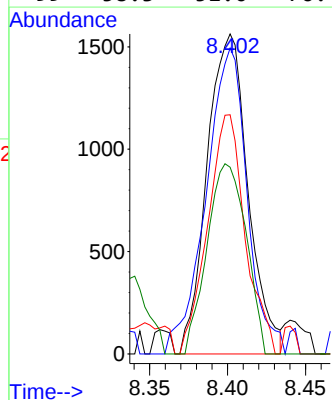
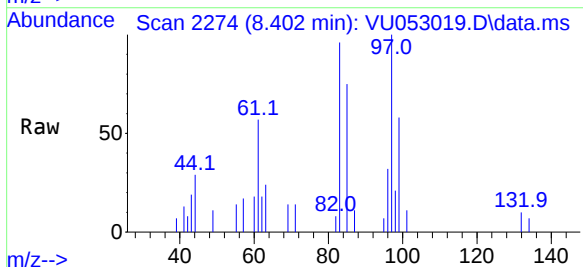
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

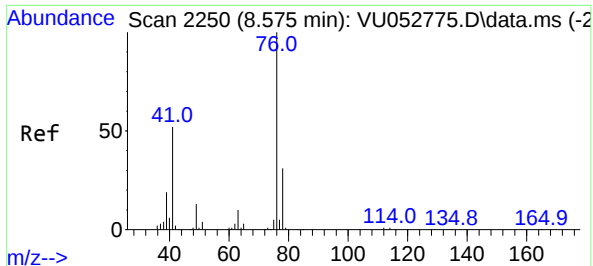
Tgt Ion:	75	Resp:	5834
Ion	Ratio	Lower	Upper
75	100		
77	38.9	25.5	38.3#
39	39.8	32.3	48.5



#52
 1,1,2-Trichloroethane
 Concen: 0.439 ug/l
 RT: 8.402 min Scan# 2274
 Delta R.T. 0.004 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Tgt Ion:	97	Resp:	2851
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.2	102.2
85	74.7	44.5	66.7#
99	58.3	51.0	76.4





#53

1,3-Dichloropropane

Concen: 0.430 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

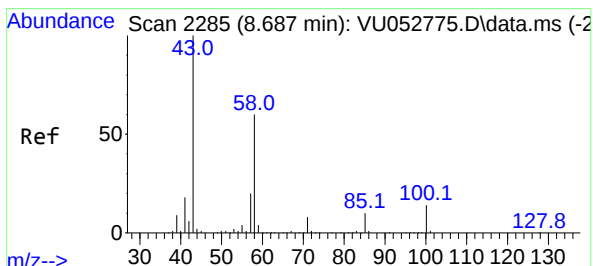
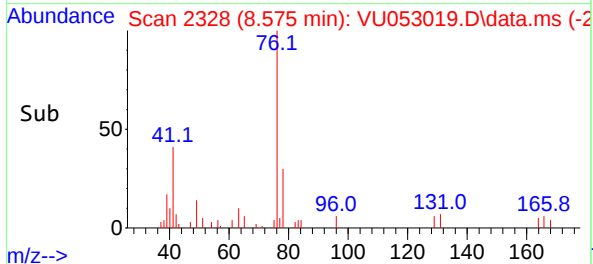
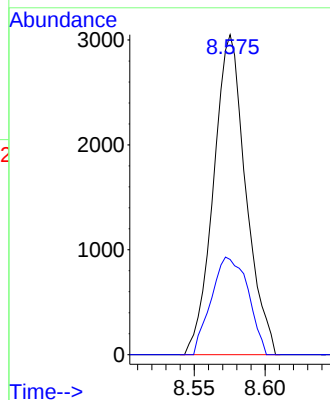
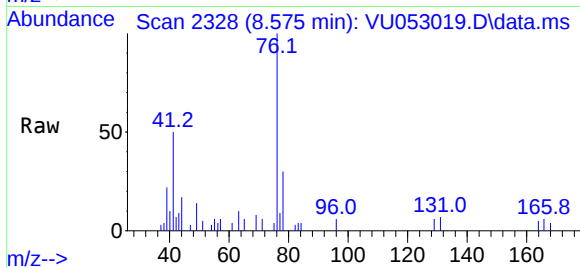
RL CHECK

Tgt Ion: 76 Resp: 4830

Ion Ratio Lower Upper

76 100

78 34.7 25.2 37.8



#54

2-Hexanone

Concen: 2.059 ug/l

RT: 8.694 min Scan# 2365

Delta R.T. 0.007 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

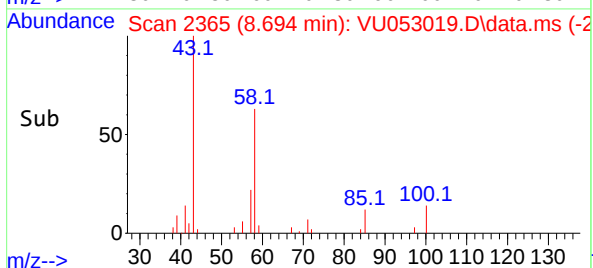
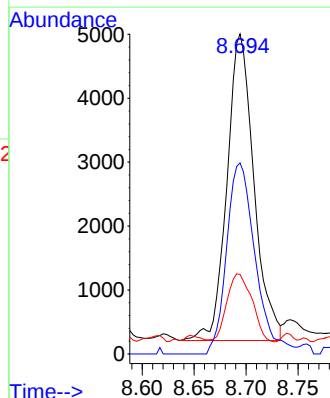
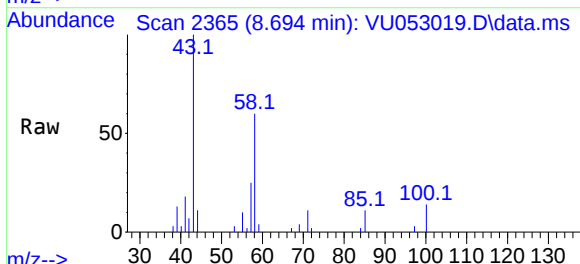
Tgt Ion: 43 Resp: 8645

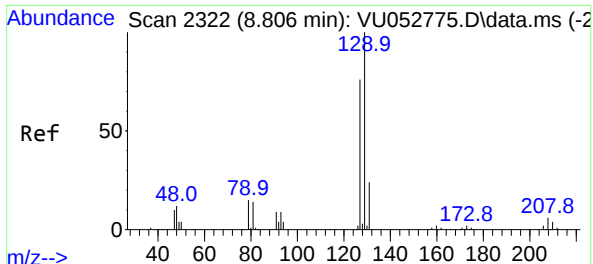
Ion Ratio Lower Upper

43 100

58 66.3 40.0 80.0

57 20.6 0.6 40.6

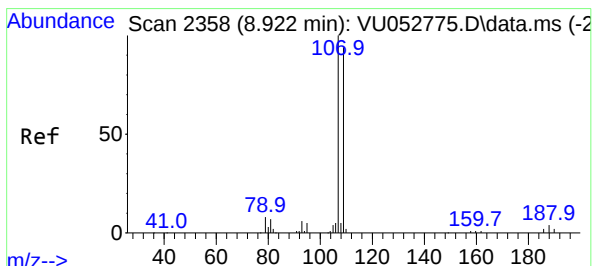
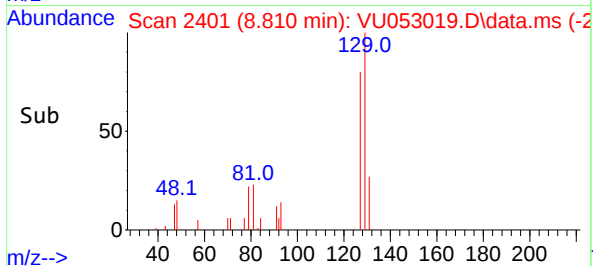
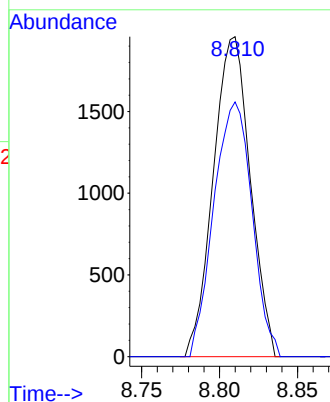
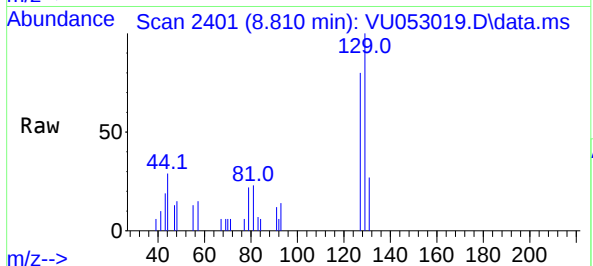




#55
Dibromochloromethane
Concen: 0.380 ug/l
RT: 8.810 min Scan# 241
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

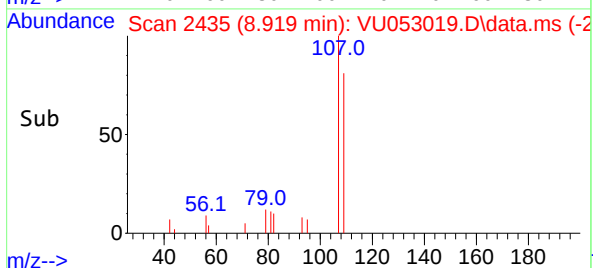
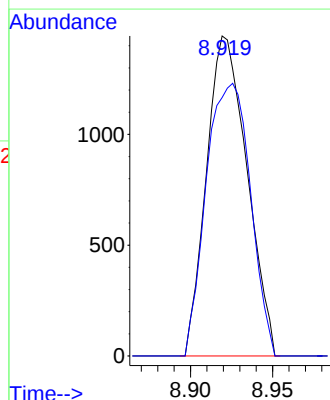
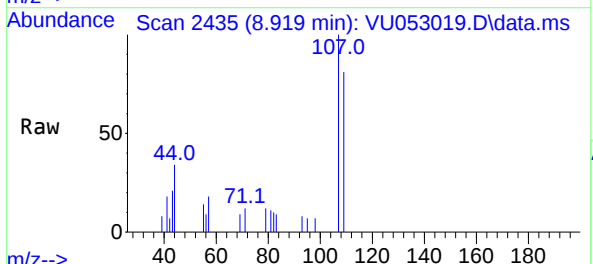
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

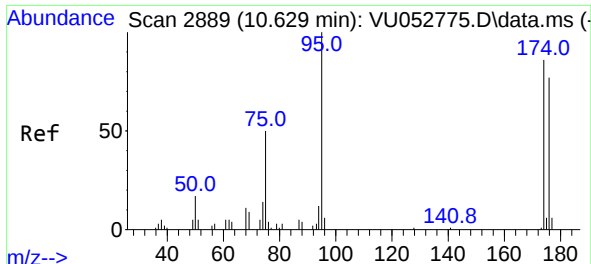
Tgt Ion:129 Resp: 3232
Ion Ratio Lower Upper
129 100
127 82.1 61.5 92.3



#56
1,2-Dibromoethane
Concen: 0.401 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:107 Resp: 2477
Ion Ratio Lower Upper
107 100
109 92.9 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 1.095 ug/l

RT: 10.630 min Scan# 2967

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

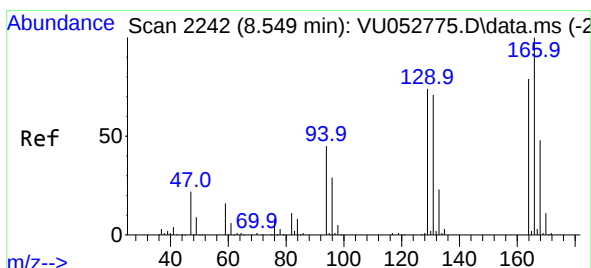
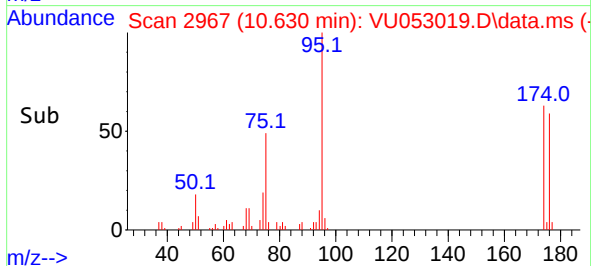
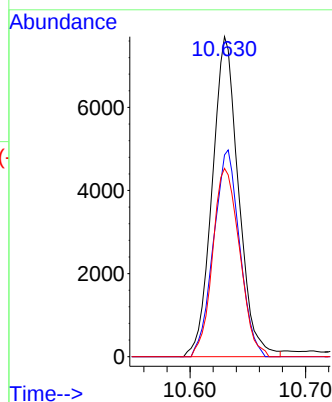
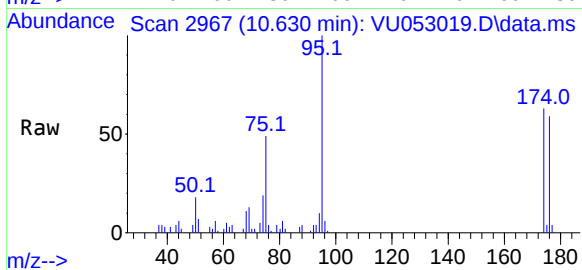
Tgt Ion: 95 Resp: 12208

Ion Ratio Lower Upper

95 100

174 64.0 66.9 100.3#

176 60.3 61.9 92.9#



#58

Tetrachloroethene

Concen: 0.334 ug/l

RT: 8.549 min Scan# 2320

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Tgt Ion: 164 Resp: 2927

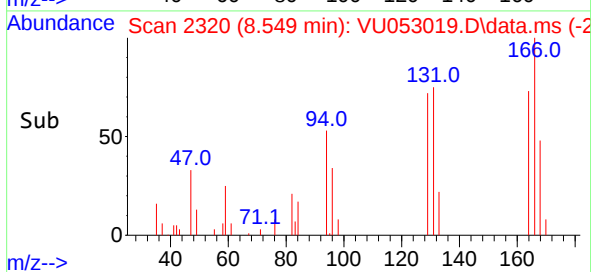
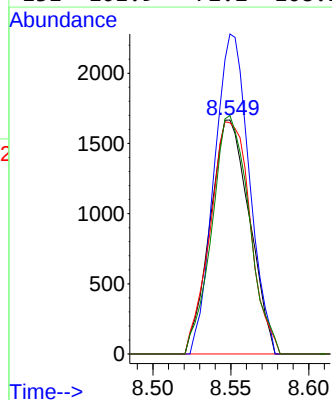
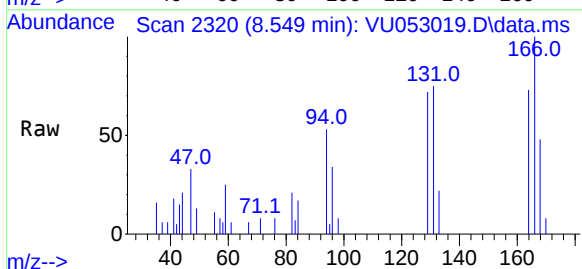
Ion Ratio Lower Upper

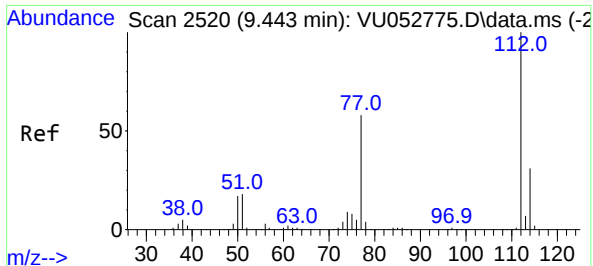
164 100

166 136.8 101.5 152.3

129 98.8 75.2 112.8

131 101.9 72.2 108.2





#59

Chlorobenzene

Concen: 0.411 ug/l

RT: 9.447 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

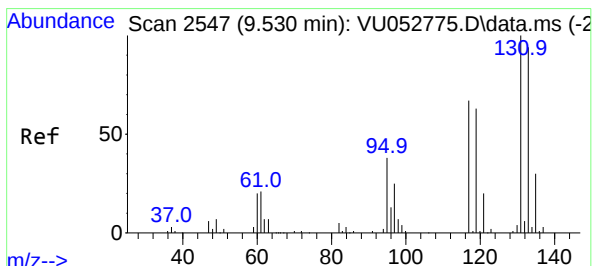
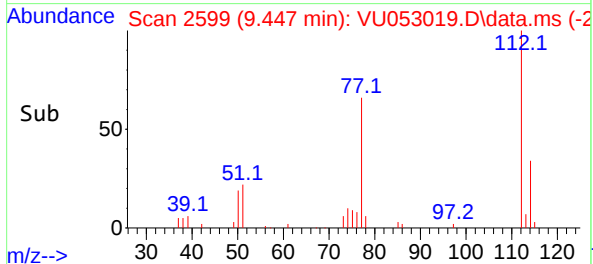
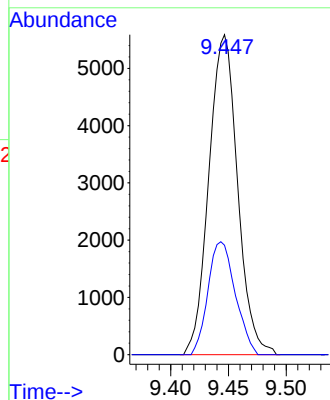
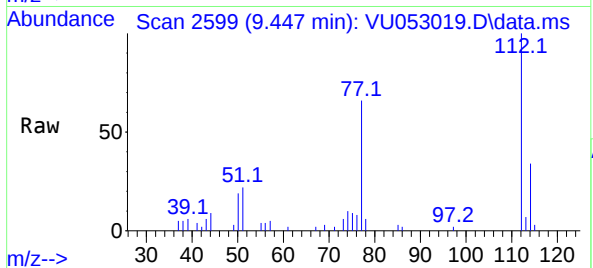
RL CHECK

Tgt Ion:112 Resp: 9653

Ion Ratio Lower Upper

112 100

114 34.2 25.2 37.8



#60

1,1,1,2-Tetrachloroethane

Concen: 0.367 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

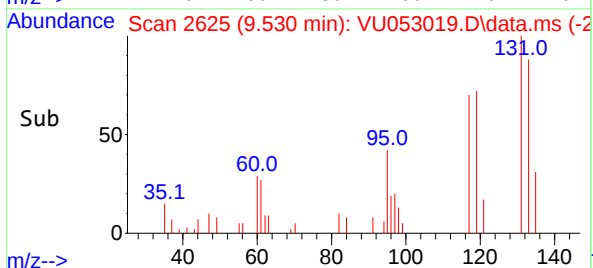
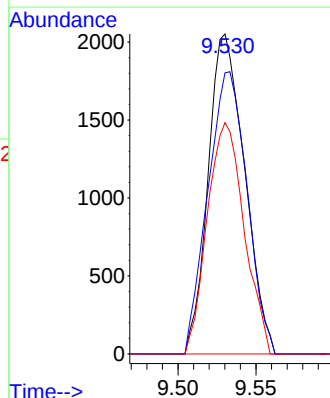
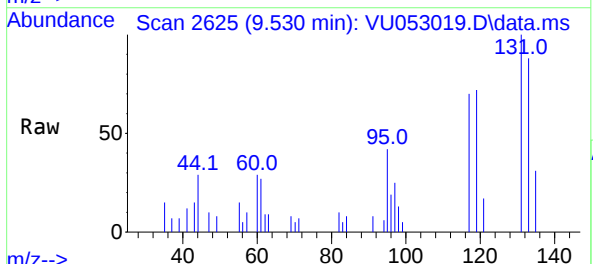
Tgt Ion:131 Resp: 3335

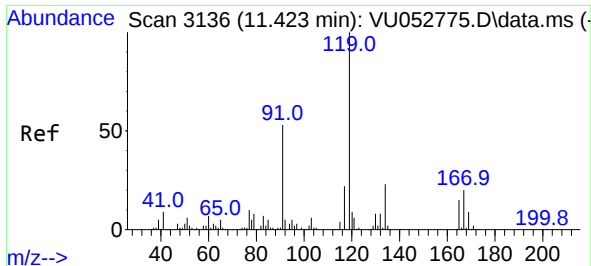
Ion Ratio Lower Upper

131 100

133 94.7 77.2 115.8

119 73.1 50.8 76.2

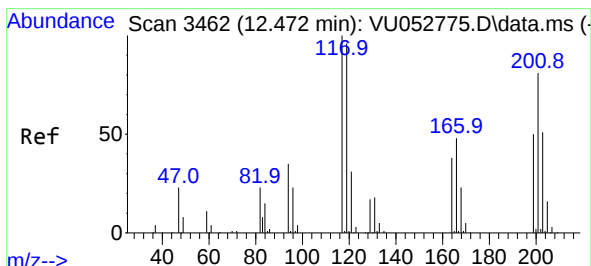
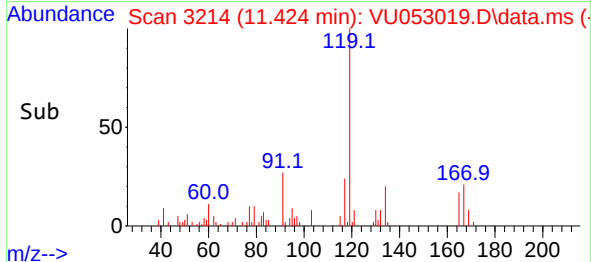
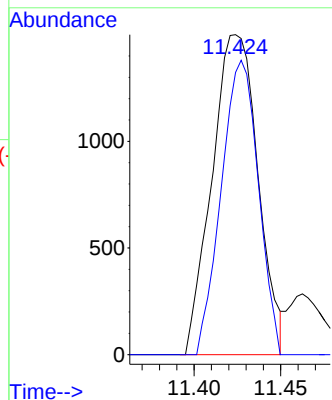
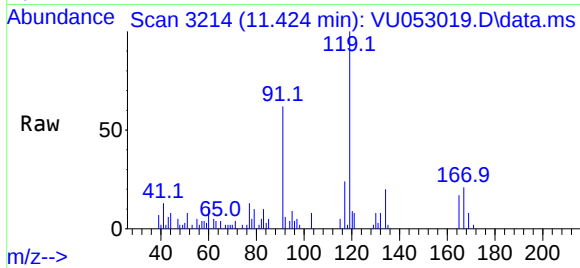




#61
 Pentachloroethane
 Concen: 0.372 ug/l
 RT: 11.424 min Scan# 3136
 Delta R.T. 0.001 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

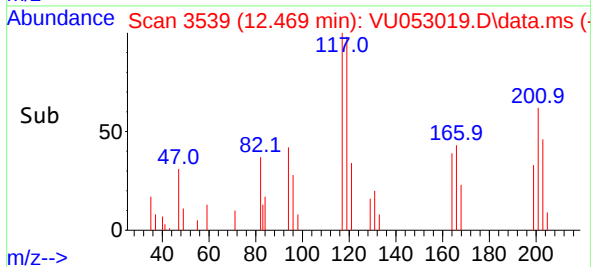
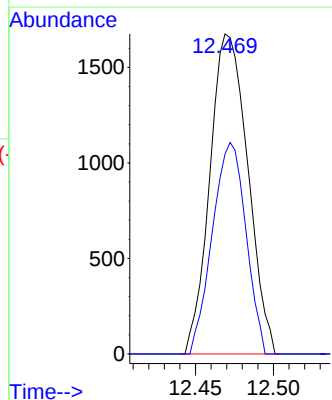
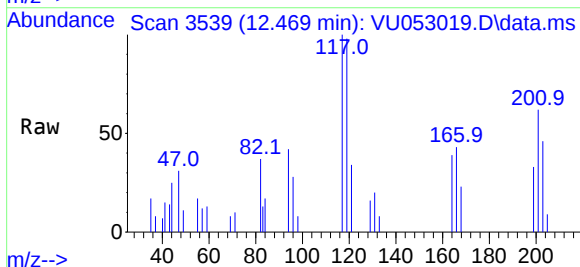
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

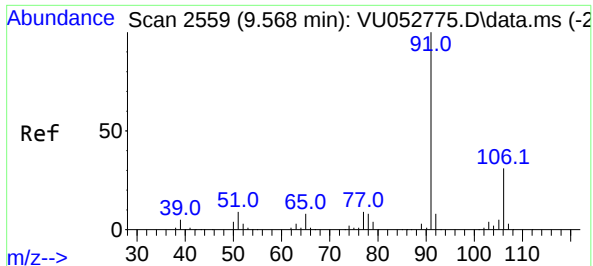
Tgt Ion:117 Resp: 2772
 Ion Ratio Lower Upper
 117 100
 167 74.1 66.8 100.2



#62
 Hexachloroethane
 Concen: 0.376 ug/l
 RT: 12.469 min Scan# 3539
 Delta R.T. -0.003 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Tgt Ion:117 Resp: 2830
 Ion Ratio Lower Upper
 117 100
 201 58.4 64.6 97.0#





#63

Ethyl Benzene

Concen: 0.462 ug/l

RT: 9.569 min Scan# 2

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

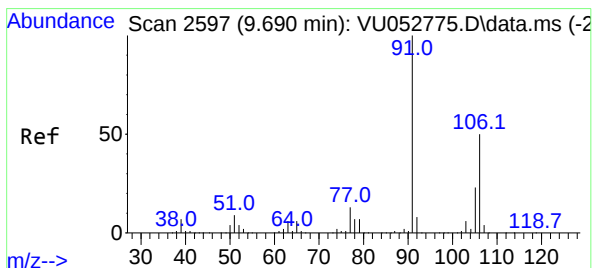
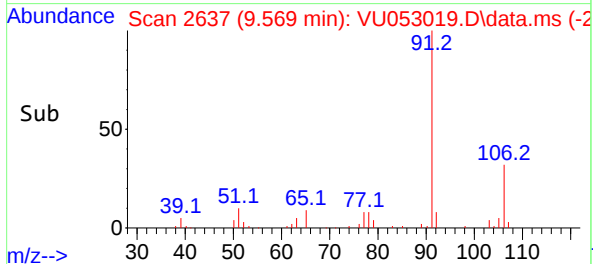
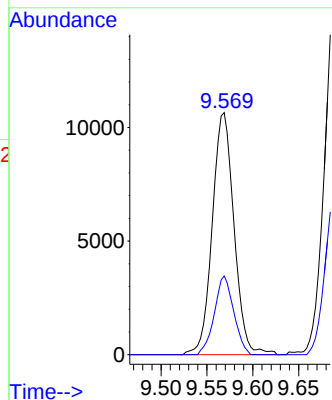
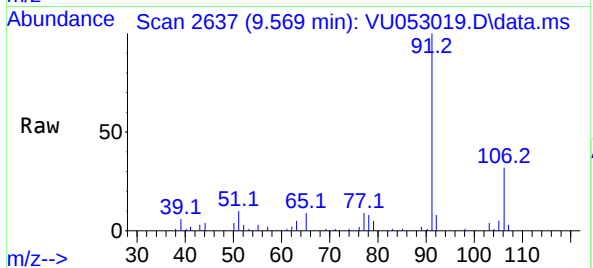
RL CHECK

Tgt Ion: 91 Resp: 17588

Ion Ratio Lower Upper

91 100

106 32.5 25.1 37.7



#64

m/p-Xylenes

Concen: 0.823 ug/l

RT: 9.691 min Scan# 2675

Delta R.T. 0.001 min

Lab File: VU053019.D

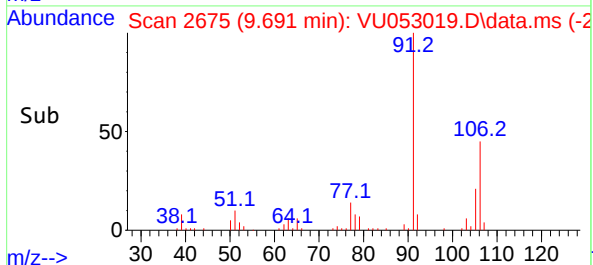
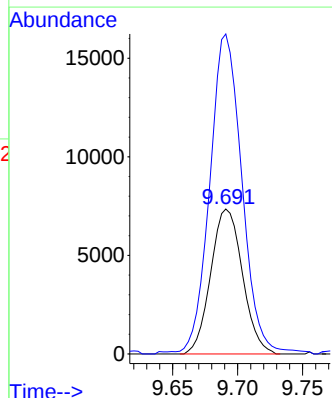
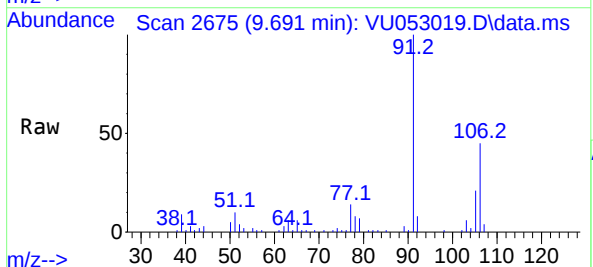
Acq: 09 Feb 2023 15:24

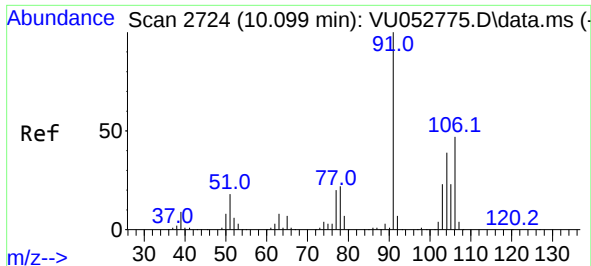
Tgt Ion: 106 Resp: 12493

Ion Ratio Lower Upper

106 100

91 224.5 158.7 238.1

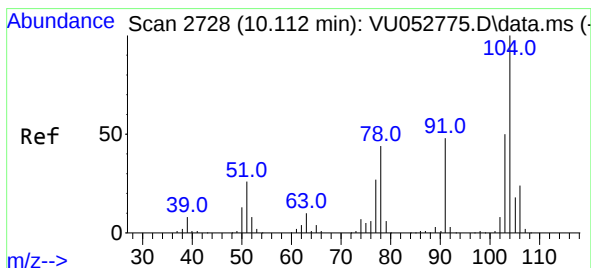
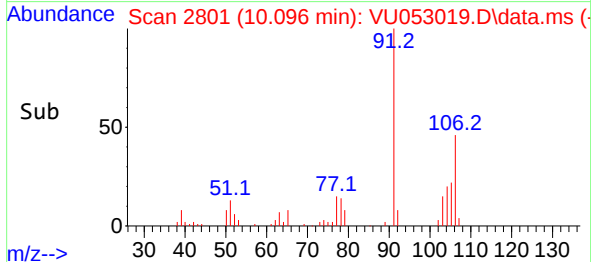
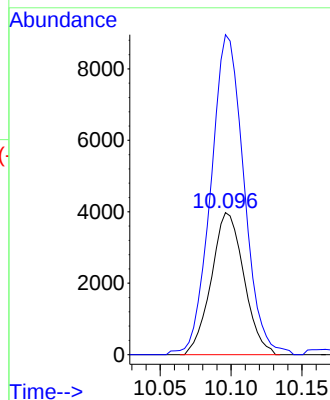
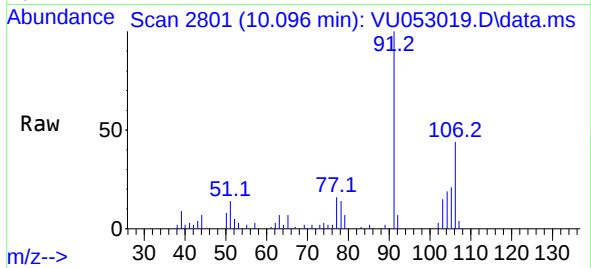




#65
o-Xylene
Concen: 0.435 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

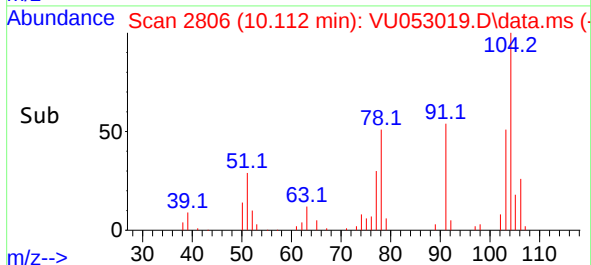
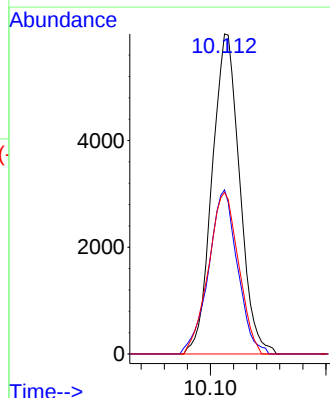
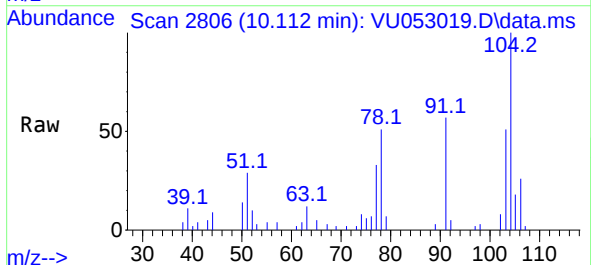
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

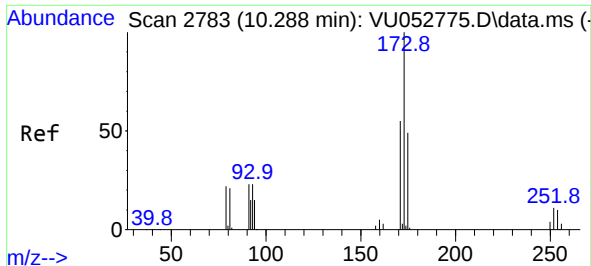
Tgt Ion:106 Resp: 6369
Ion Ratio Lower Upper
106 100
91 228.7 105.6 316.8



#66
Styrene
Concen: 0.758 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:104 Resp: 9961
Ion Ratio Lower Upper
104 100
78 53.6 39.6 59.4
103 54.8 42.9 64.3

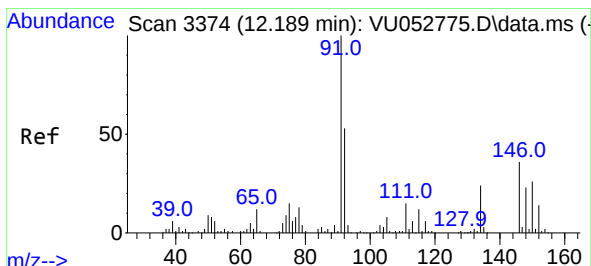
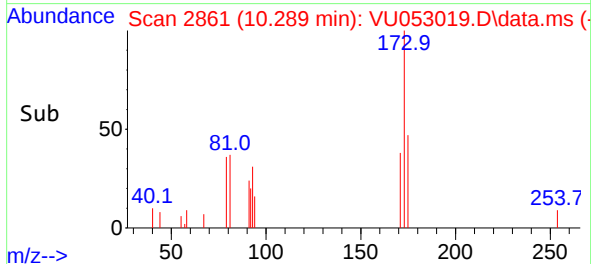
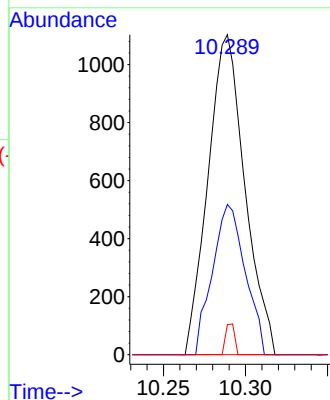
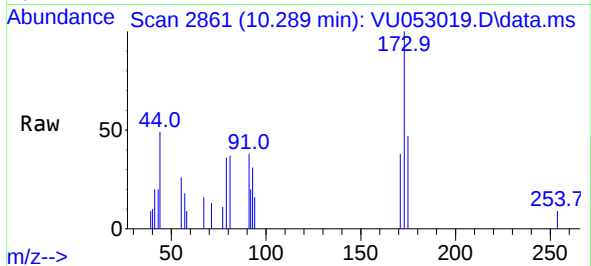




#67
Bromoform
Concen: 0.343 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

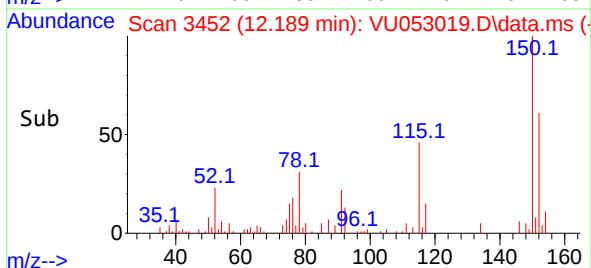
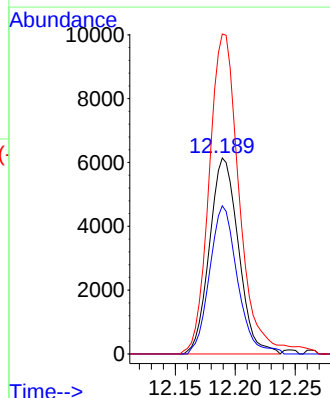
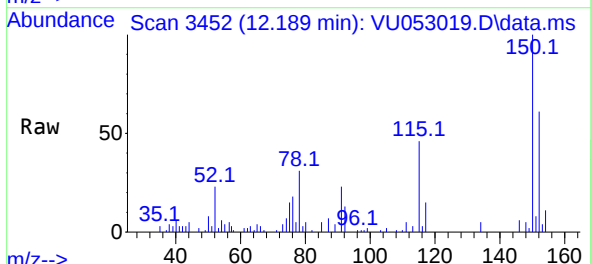
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

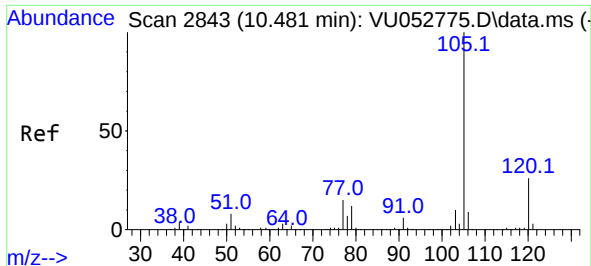
Tgt Ion:	173	Resp:	1718
Ion Ratio	Lower	Upper	
173	100		
175	41.7	39.5	59.3
254	2.4	8.0	12.0



#68
1,2-Dichlorobenzene-d4
Concen: 0.900 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:	152	Resp:	10324
Ion Ratio	Lower	Upper	
152	100		
115	72.5	0.0	262.6
150	170.4	0.0	638.0

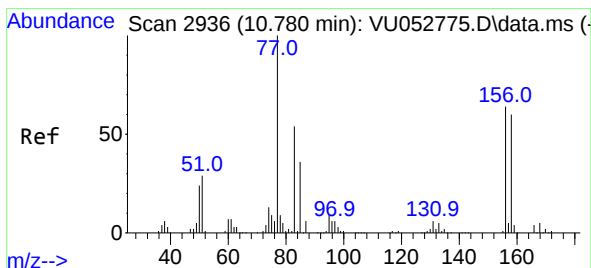
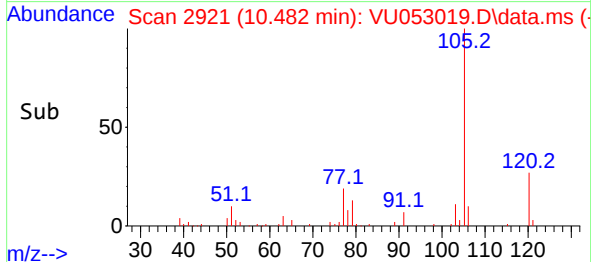
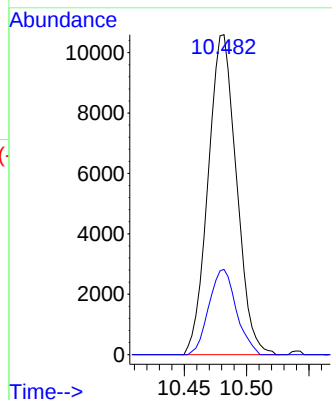
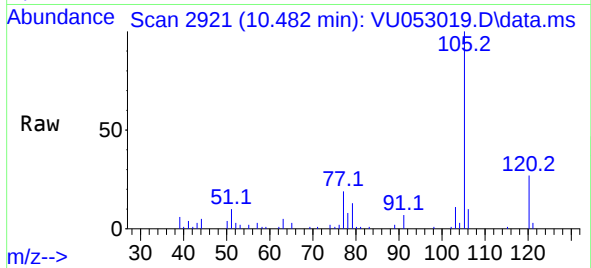




#69
Isopropylbenzene
Concen: 0.450 ug/l
RT: 10.482 min Scan# 2921
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

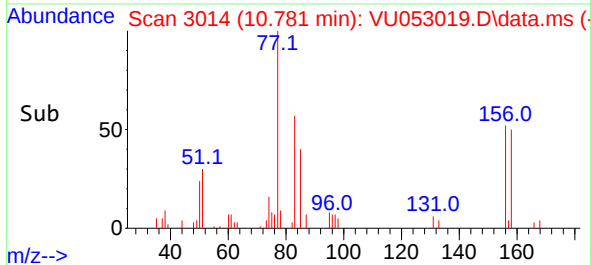
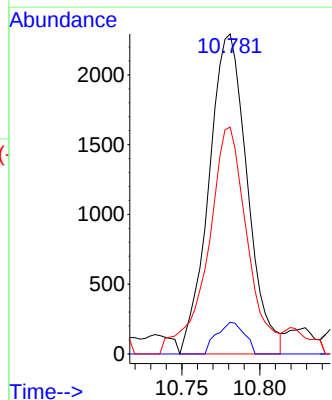
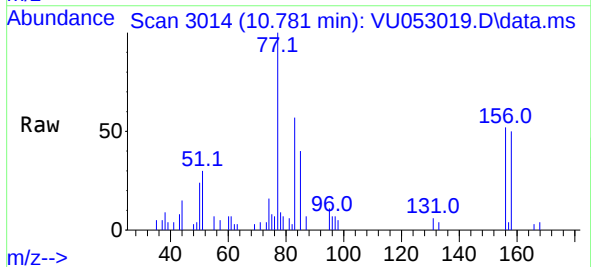
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

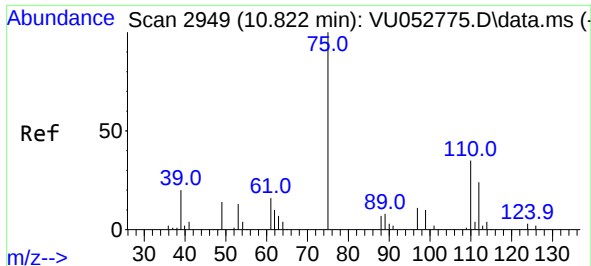
Tgt Ion:105 Resp: 16778
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.9



#70
1,1,2,2-Tetrachloroethane
Concen: 0.485 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 83 Resp: 3926
Ion Ratio Lower Upper
83 100
131 7.1 8.6 13.0#
85 72.2 52.6 78.8

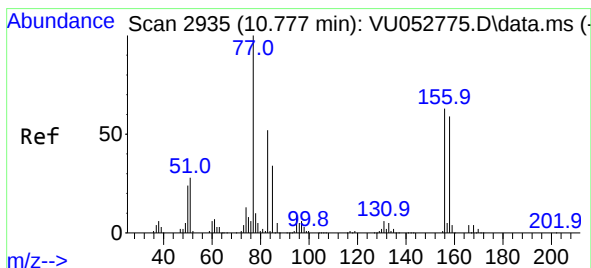
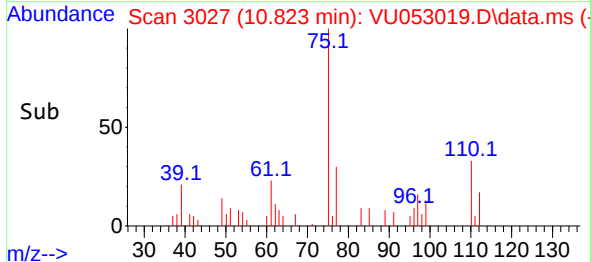
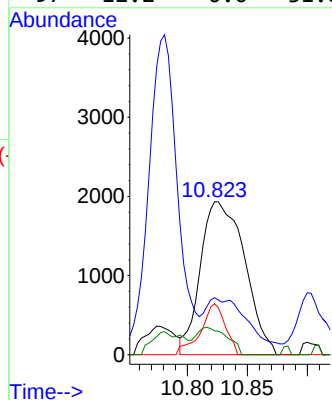
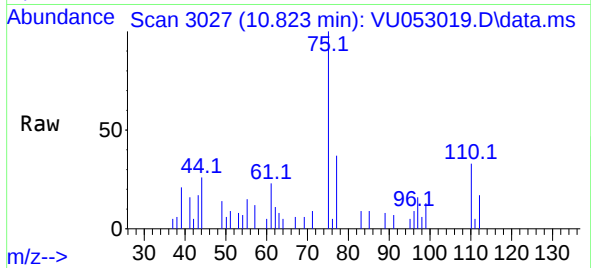




#71
1,2,3-Trichloropropane
Concen: 0.707 ug/l
RT: 10.823 min Scan# 3013
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

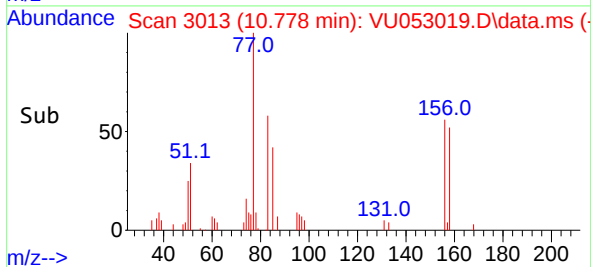
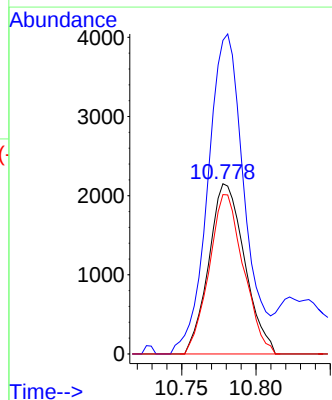
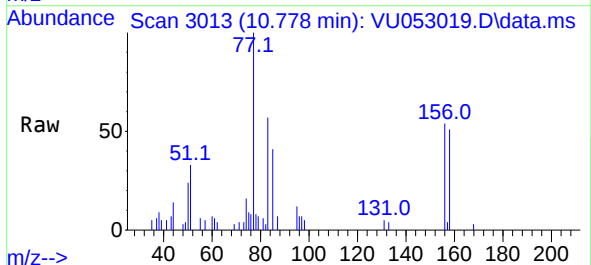
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

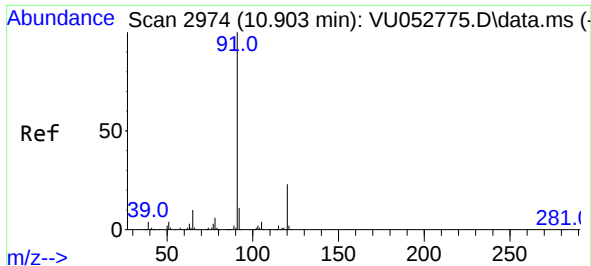
Tgt Ion:	75	Resp:	4957
Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	86.0
110	18.5	0.0	63.8
97	12.2	0.0	31.8



#72
Bromobenzene
Concen: 0.381 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:	156	Resp:	3608
Ion	Ratio	Lower	Upper
156	100		
77	190.6	0.0	321.2
158	89.8	0.0	192.0

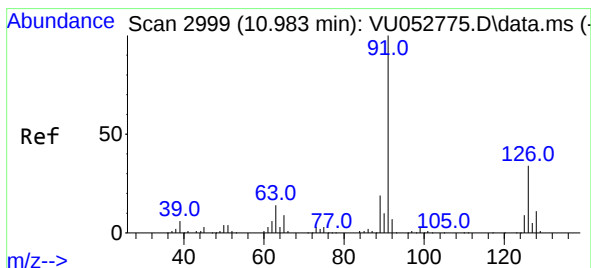
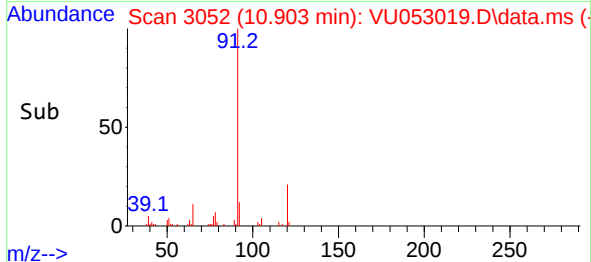
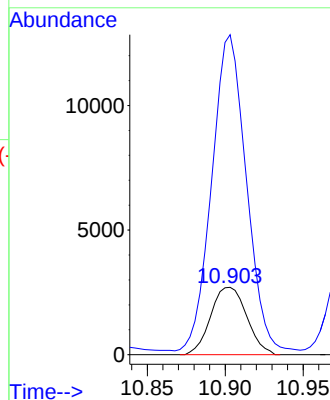
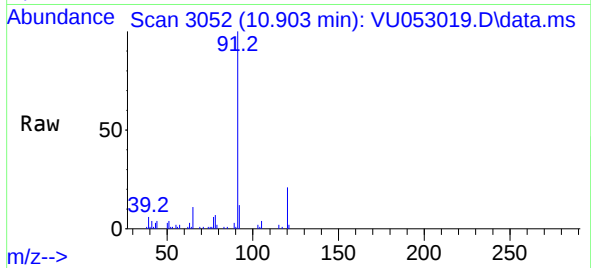




#73
n-propylbenzene
Concen: 0.772 ug/l
RT: 10.903 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

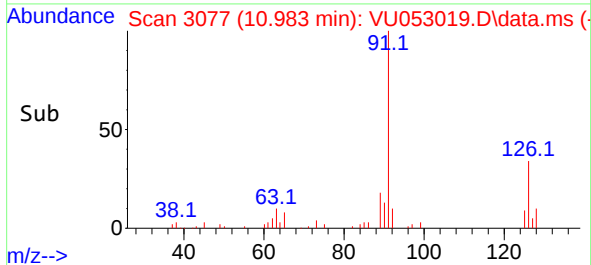
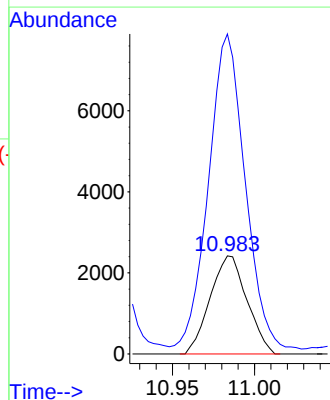
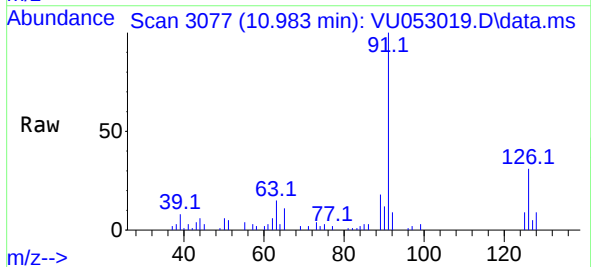
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

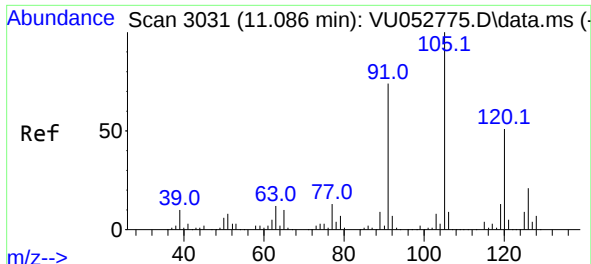
Tgt Ion:120 Resp: 4357
Ion Ratio Lower Upper
120 100
91 456.8 348.0 522.0



#74
2-Chlorotoluene
Concen: 0.400 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:126 Resp: 3767
Ion Ratio Lower Upper
126 100
91 320.9 0.0 588.6

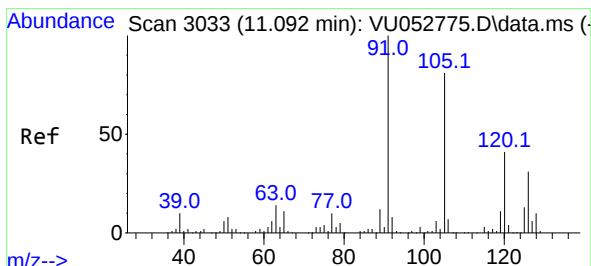
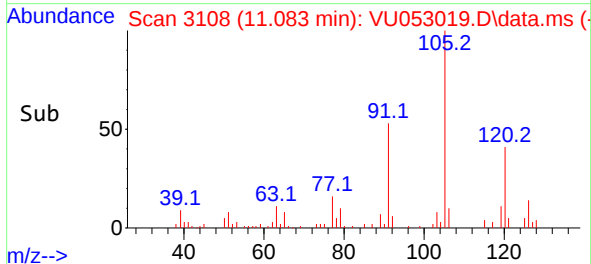
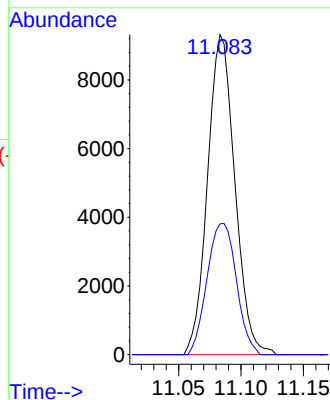
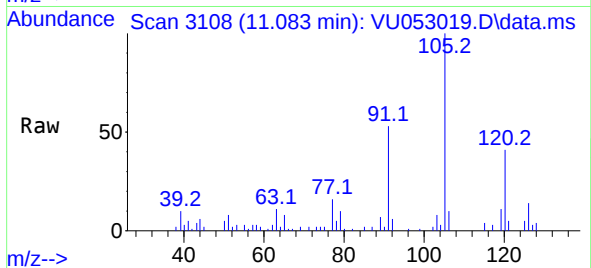




#75
1,3,5-Trimethylbenzene
Concen: 0.775 ug/l
RT: 11.083 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

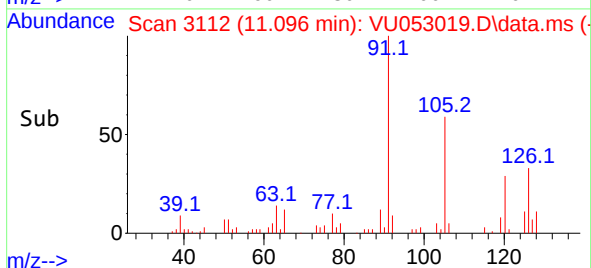
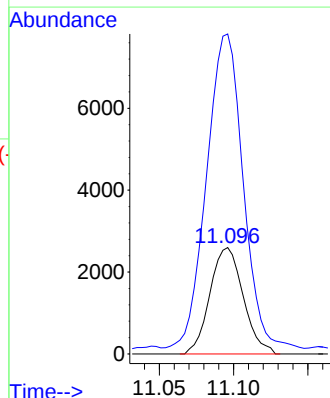
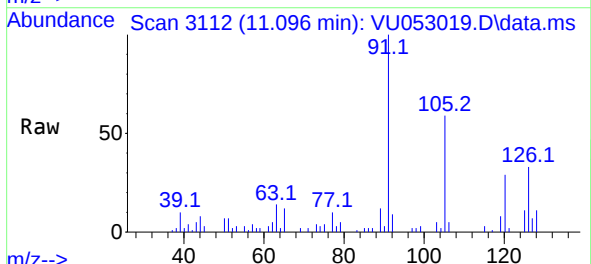
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

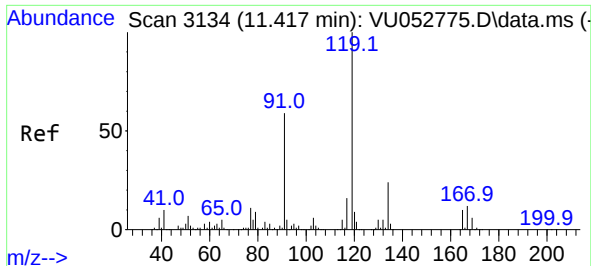
Tgt Ion:105 Resp: 14208
Ion Ratio Lower Upper
105 100
120 44.0 39.9 59.9



#76
4-Chlorotoluene
Concen: 0.419 ug/l
RT: 11.096 min Scan# 3112
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:126 Resp: 4046
Ion Ratio Lower Upper
126 100
91 323.6 0.0 661.8

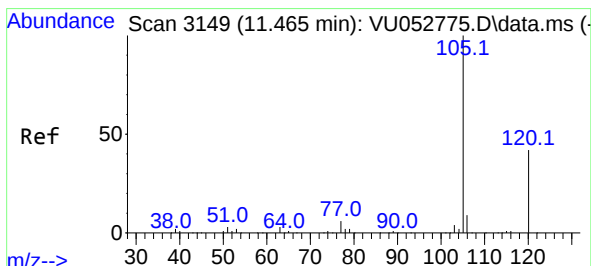
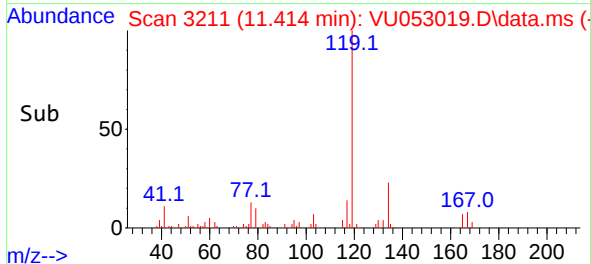
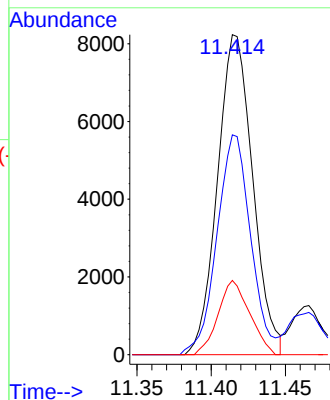
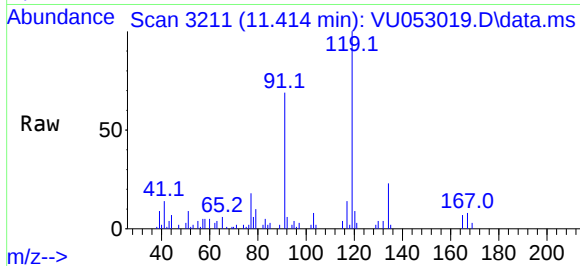




#77
tert-Butylbenzene
Concen: 0.419 ug/l
RT: 11.414 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

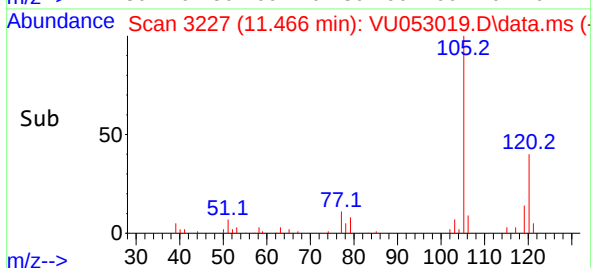
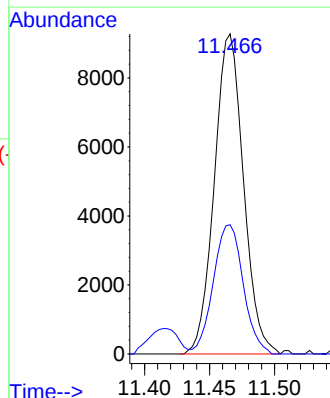
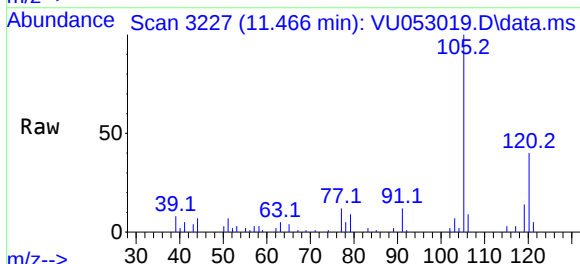
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

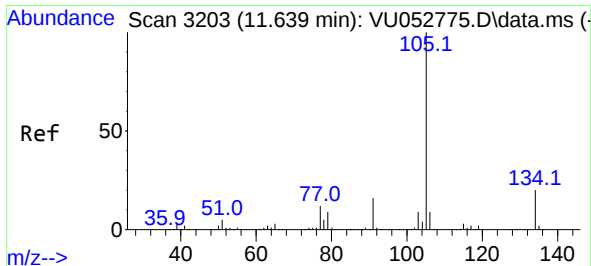
Tgt Ion:119	Resp:	13586
Ion Ratio	Lower	Upper
119	100	
91	65.6	28.4 85.3
134	20.8	18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.807 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:105	Resp:	14463
Ion Ratio	Lower	Upper
105	100	
120	41.5	23.4 70.3

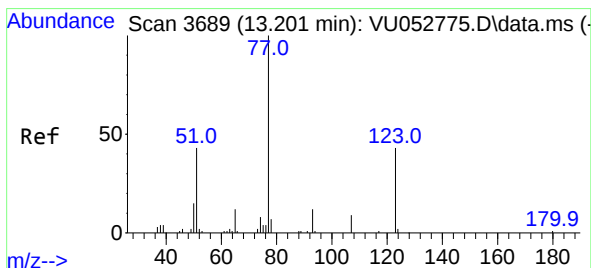
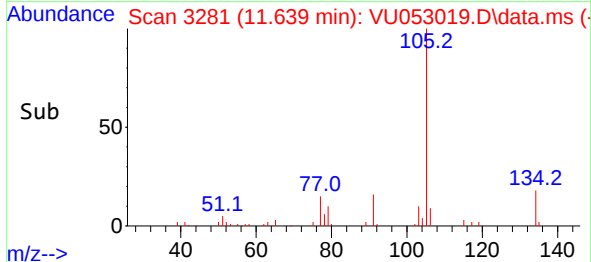
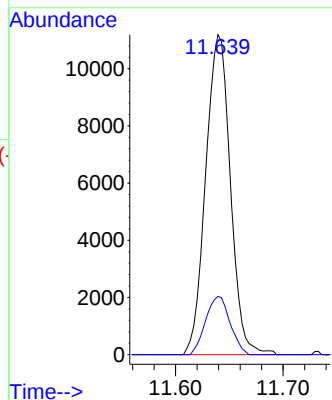
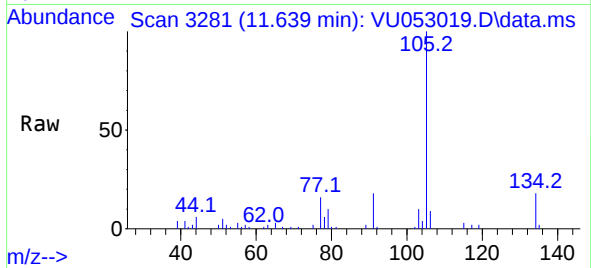




#79
 sec-Butylbenzene
 Concen: 0.769 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

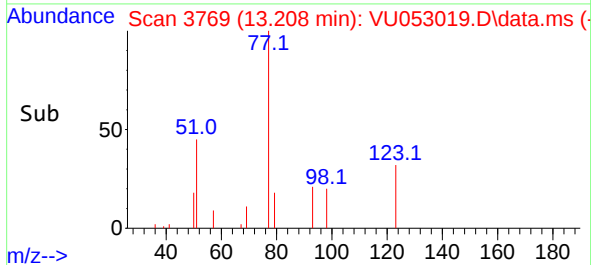
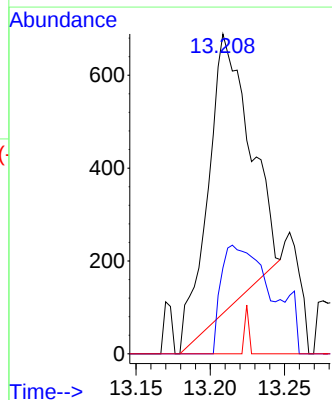
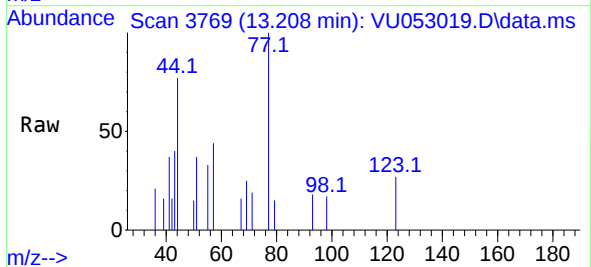
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

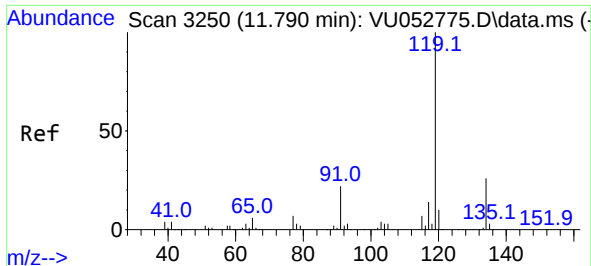
Tgt Ion:105 Resp: 17852
 Ion Ratio Lower Upper
 105 100
 134 17.9 16.5 24.7



#80
 Nitrobenzene
 Concen: 2.332 ug/l
 RT: 13.208 min Scan# 3769
 Delta R.T. 0.007 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Tgt Ion: 77 Resp: 1169
 Ion Ratio Lower Upper
 77 100
 123 27.8 18.8 66.8
 65 1.7 10.1 12.9#





#81

p-Isopropyltoluene

Concen: 0.805 ug/l

RT: 11.790 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

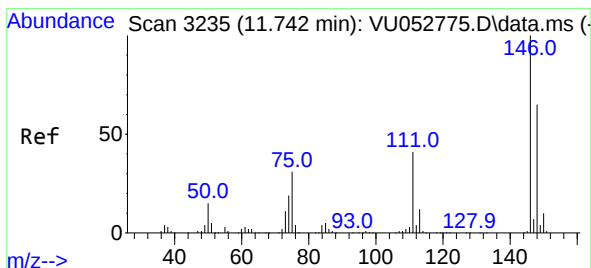
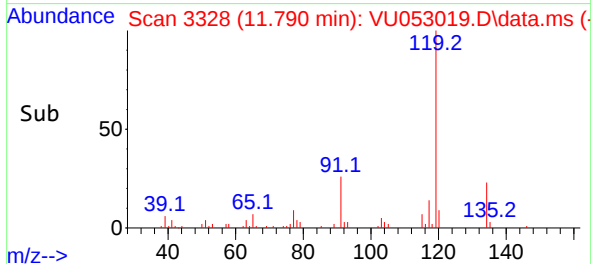
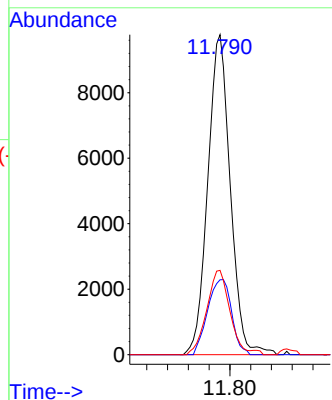
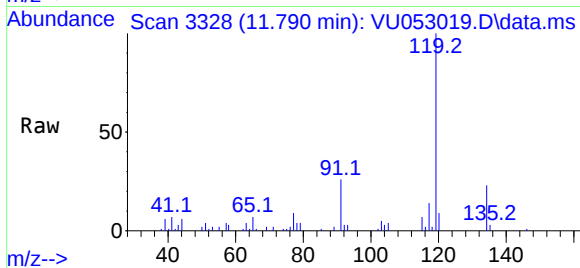
Tgt Ion:119 Resp: 14676

Ion Ratio Lower Upper

119 100

134 25.0 20.7 31.1

91 26.8 17.6 26.4#



#82

1,3-Dichlorobenzene

Concen: 0.351 ug/l

RT: 11.742 min Scan# 3313

Delta R.T. 0.001 min

Lab File: VU053019.D

Acq: 09 Feb 2023 15:24

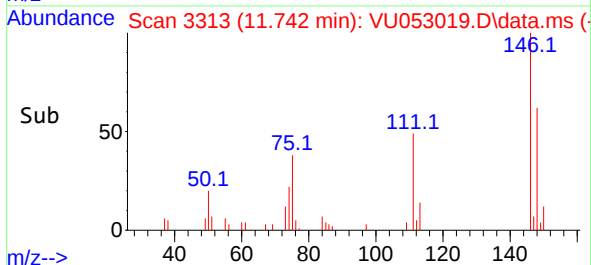
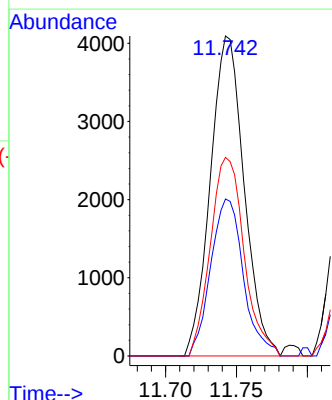
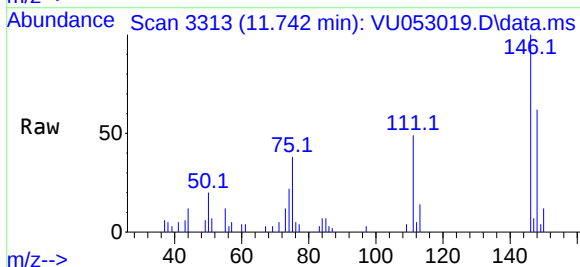
Tgt Ion:146 Resp: 6776

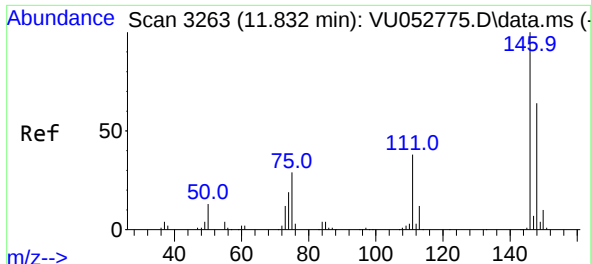
Ion Ratio Lower Upper

146 100

111 47.6 32.6 48.8

148 62.1 51.9 77.9

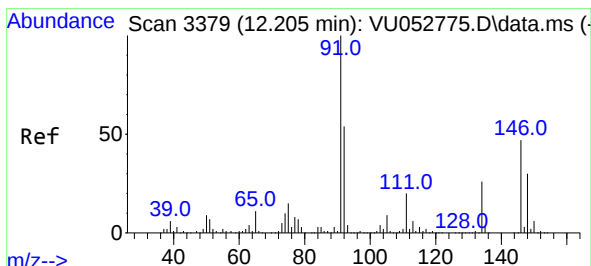
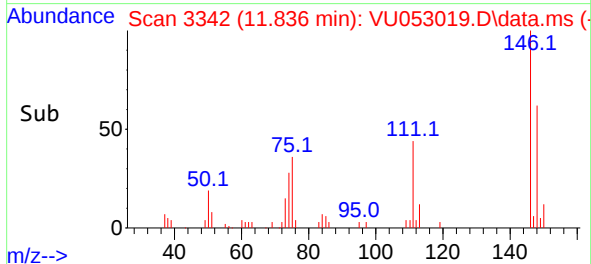
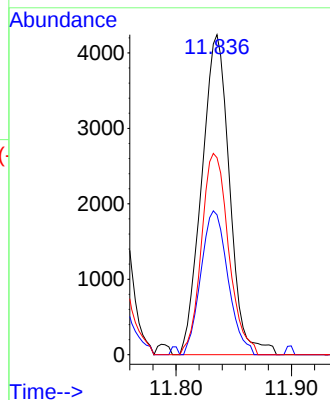
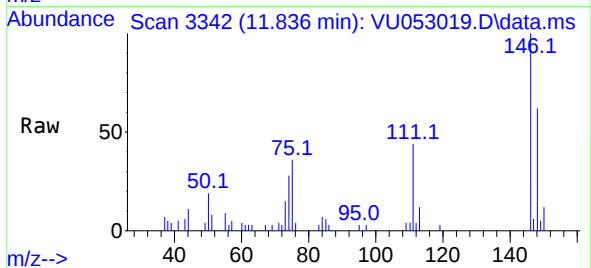




#83
1,4-Dichlorobenzene
Concen: 0.367 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

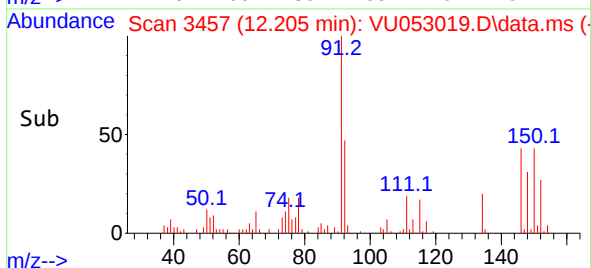
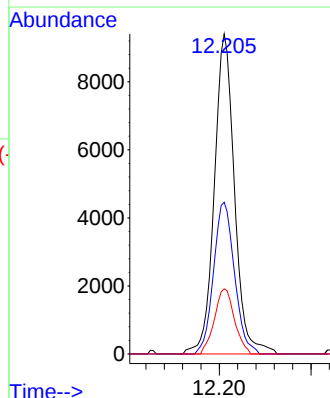
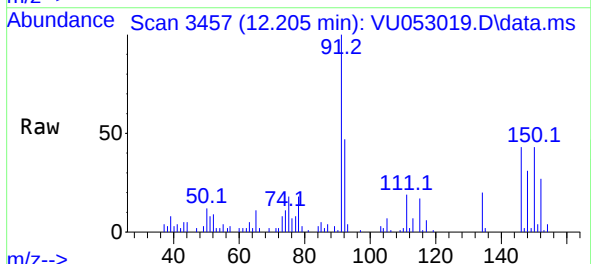
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

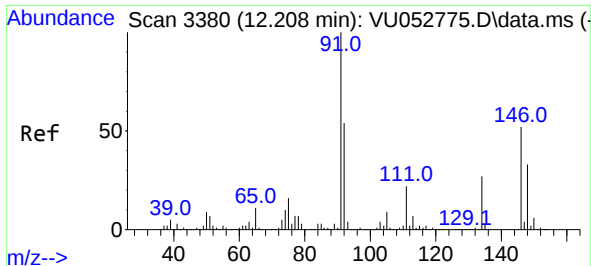
Tgt Ion:146 Resp: 7123
Ion Ratio Lower Upper
146 100
111 43.6 29.5 44.3
148 61.3 51.4 77.0



#84
n-Butylbenzene
Concen: 0.909 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion: 91 Resp: 14398
Ion Ratio Lower Upper
91 100
92 49.1 43.4 65.0
134 20.1 21.2 31.8#



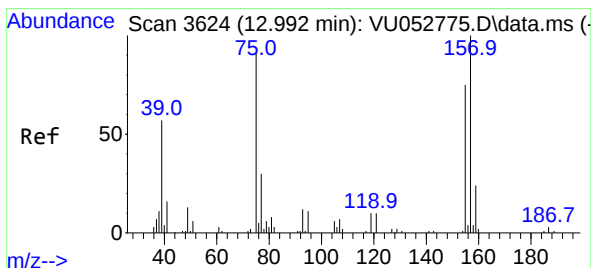
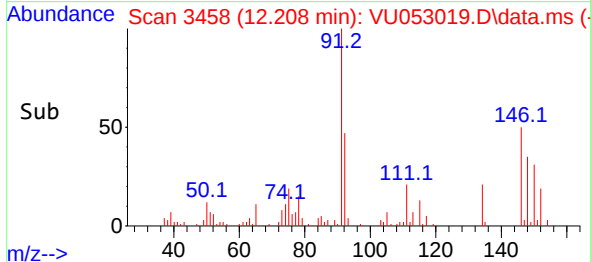
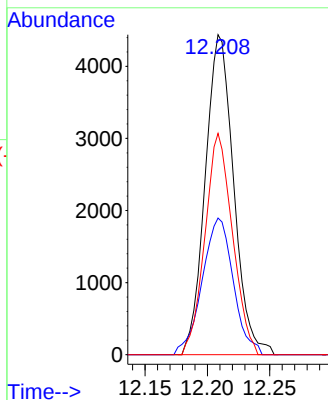
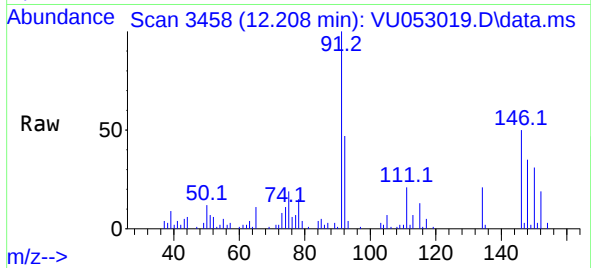


#85
 1,2-Dichlorobenzene
 Concen: 0.387 ug/l
 RT: 12.208 min Scan# 34
 Delta R.T. 0.001 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

Tgt Ion:146 Resp: 7052

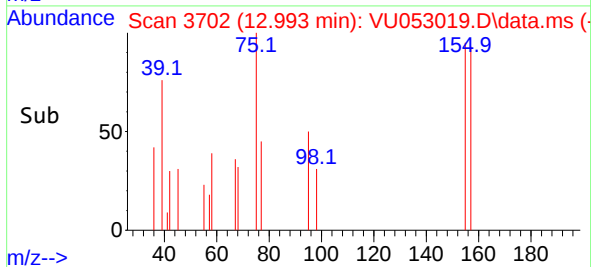
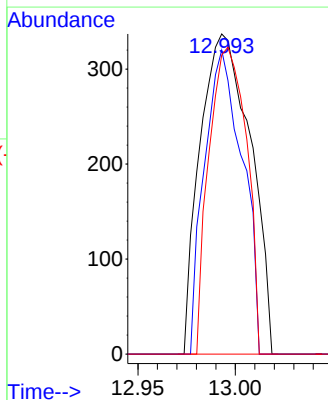
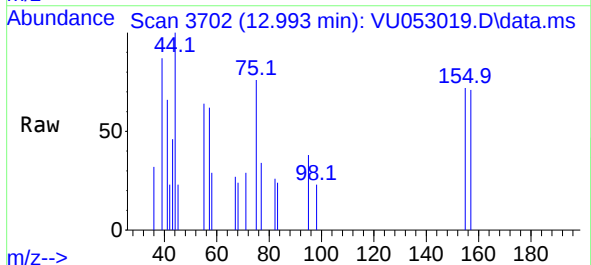
Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.8	62.5
148	66.9	31.4	94.2

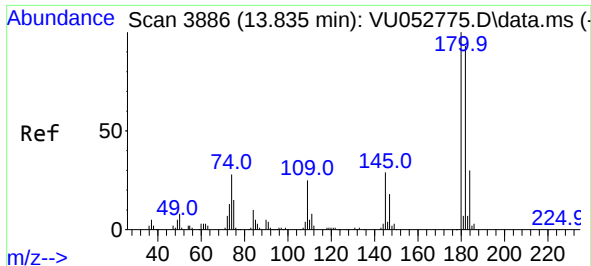


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.403 ug/l
 RT: 12.993 min Scan# 3702
 Delta R.T. 0.001 min
 Lab File: VU053019.D
 Acq: 09 Feb 2023 15:24

Tgt Ion: 75 Resp: 604

Ion	Ratio	Lower	Upper
75	100		
155	71.9	66.0	99.0
157	71.4	85.9	128.9#

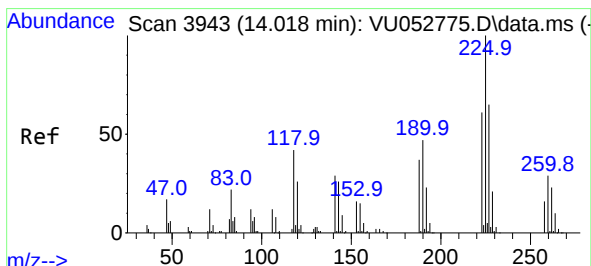
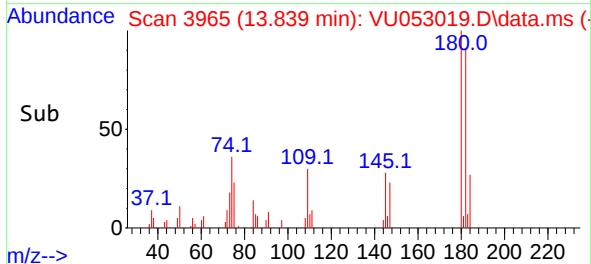
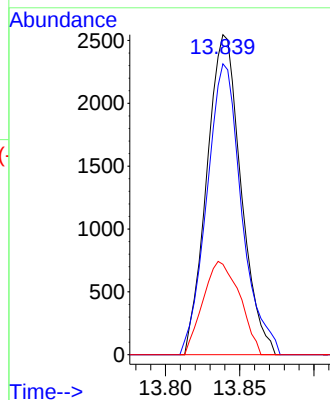
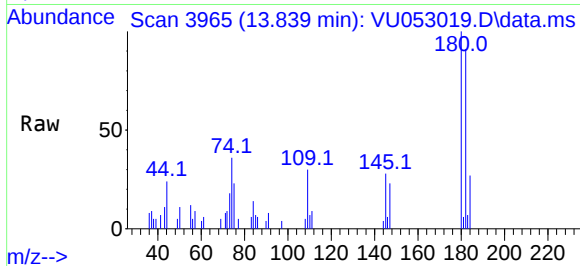




#87
1,2,4-Trichlorobenzene
Concen: 0.372 ug/l
RT: 13.839 min Scan# 3965
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

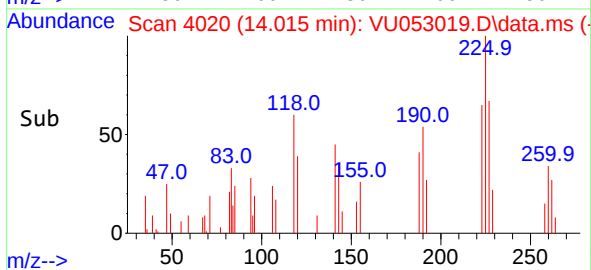
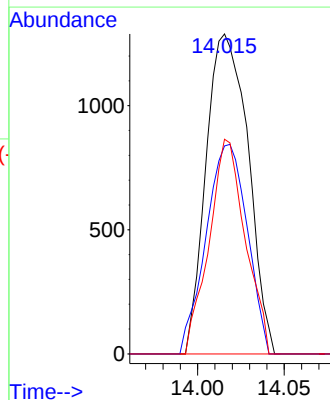
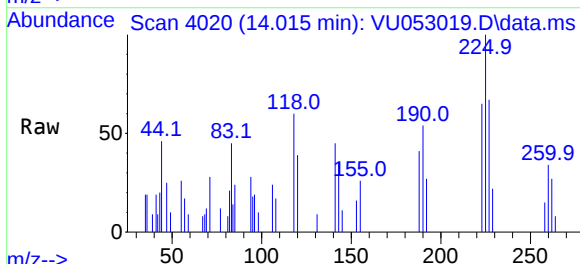
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

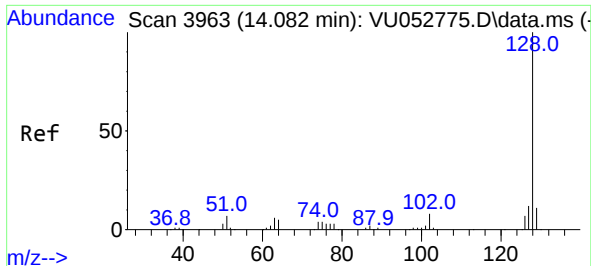
Tgt Ion:	180	Resp:	4073
Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.6	112.0
145	31.3	23.4	35.0



#88
Hexachlorobutadiene
Concen: 0.283 ug/l
RT: 14.015 min Scan# 4020
Delta R.T. -0.003 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

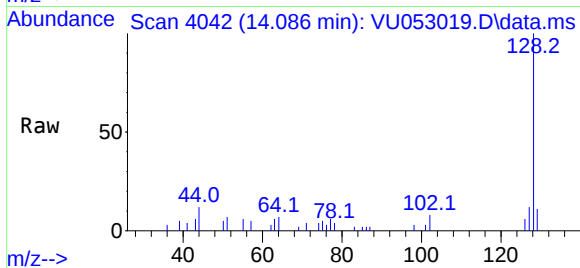
Tgt Ion:	225	Resp:	2172
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	57.9	51.5	77.3



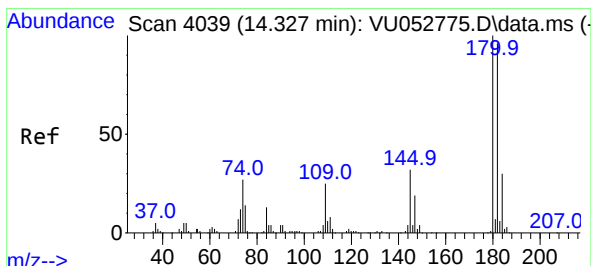
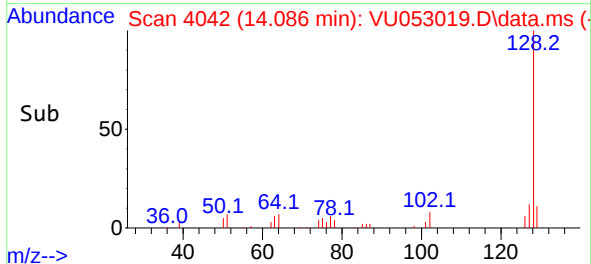
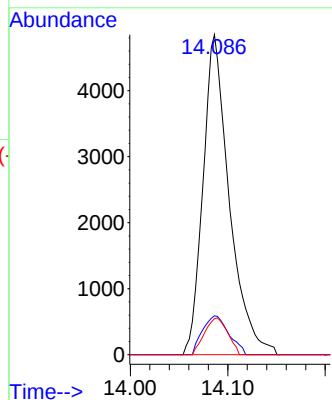


#89
Naphthalene
Concen: 0.429 ug/l
RT: 14.086 min Scan# 4117
Delta R.T. 0.004 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :
RL CHECK



Tgt Ion:128 Resp: 9093
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 10.1 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.359 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.001 min
Lab File: VU053019.D
Acq: 09 Feb 2023 15:24

Tgt Ion:180 Resp: 3729
Ion Ratio Lower Upper
180 100
182 101.0 77.8 116.6
145 31.8 25.2 37.8

