

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047637.D
 Acq On : 24 Mar 2022 15:28
 Operator : SY/MD
 Sample : VIBLK051
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK051

Quant Time: Mar 24 23:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:21:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	668	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	1221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	276	494.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 988.580%#	
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 130	Recovery	= 0.000%#	
11) 1,1-Dichloroethene-d2	2.581	63	431	421.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 843.780%#	
21) 2-Butanone-d5	4.678	46	112	233.690	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	= 233.690%#	
24) Chloroform-d	5.067	84	395	386.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 773.240%#	
26) 1,2-Dichloroethane-d4	5.713	65	611	975.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 1950.160%#	
32) Benzene-d6	5.735	84	821	48.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.680%	
36) 1,2-Dichloropropane-d6	6.700	67	184	35.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 71.280%	
41) Toluene-d8	7.909	98	1363	83.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 166.460%#	
43) trans-1,3-Dichloroprop...	8.192	79	187	71.504	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 143.000%#	
47) 2-Hexanone-d5	8.645	63	565	186.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 186.970%#	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	1730	195.280	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 390.560%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	2417	111.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 222.540%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	112	156.892	ug/L	# 42
3) Chloromethane	1.527	50	552	808.559	ug/L	# 68
5) Vinyl chloride	1.607	62	431	619.014	ug/L	93
6) Bromomethane	1.867	94	45	120.078	ug/L	99
8) Chloroethane	1.607	64	46	105.242	ug/L	# 41
9) Trichlorofluoromethane	2.144	101	201	204.718	ug/L	# 67
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	299	526.838	ug/L	# 48
12) 1,1-Dichloroethene	2.578	96	186	352.149	ug/L	79
13) Acetone	2.652	43	723	1621.066	ug/L	50
14) Carbon disulfide	2.803	76	7390	4426.306	ug/L	99
15) Methyl Acetate	2.970	43	430	604.616	ug/L	# 47
16) Methylene chloride	3.051	84	877	1446.947	ug/L	94
17) trans-1,2-Dichloroethene	3.362	96	732	1284.880	ug/L	92
18) Methyl tert-butyl Ether	3.359	73	91	56.618	ug/L	# 56
19) 1,1-Dichloroethane	3.877	63	195	198.466	ug/L	# 50
20) cis-1,2-Dichloroethene	4.671	96	325	520.358	ug/L	96
22) 2-Butanone	4.745	43	1421	2473.336	ug/L	# 60
23) Bromochloromethane	4.986	128	43	125.395	ug/L	# 30
25) Chloroform	5.096	83	430	406.495	ug/L	78

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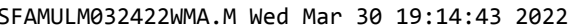
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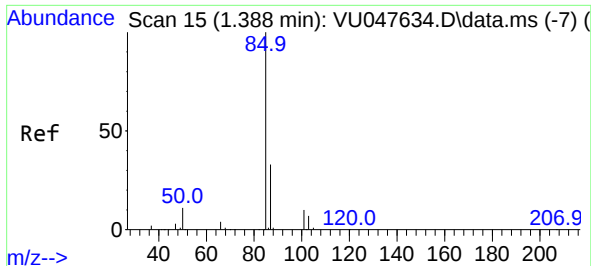
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	527	644.834	ug/L #	75
29) Cyclohexane	5.385	56	139	20.506	ug/L #	50
30) 1,1,1-Trichloroethane	5.321	97	43	5.677	ug/L #	24
33) Benzene	5.787	78	1252	64.752	ug/L	100
34) Trichloroethene	6.539	95	214	42.216	ug/L #	75
35) Methylcyclohexane	6.764	83	151	19.580	ug/L #	51
37) 1,2-Dichloropropane	6.796	63	189	38.451	ug/L #	87
38) Bromodichloromethane	7.108	83	252	37.334	ug/L #	26
39) cis-1,3-Dichloropropene	7.607	75	220	28.846	ug/L #	76
40) 4-Methyl-2-pentanone	7.806	43	5186	667.552	ug/L #	89
42) Toluene	7.970	91	1523	71.787	ug/L #	74
44) trans-1,3-Dichloropropene	8.214	75	400	52.528	ug/L #	1
45) 1,1,2-Trichloroethane	8.407	97	374	71.743	ug/L #	84
46) Tetrachloroethene	8.555	164	235	51.588	ug/L	82
48) 2-Hexanone	8.693	43	10098	1511.112	ug/L #	90
49) Dibromochloromethane	8.812	129	412	68.235	ug/L	98
50) 1,2-Dibromoethane	8.922	107	315	53.899	ug/L #	60
51) Chlorobenzene	9.452	112	1783	123.775	ug/L	90
52) Ethylbenzene	9.571	91	2171	97.322	ug/L	90
53) m,p-Xylene	9.697	106	792	90.483	ug/L	98
54) o-Xylene	10.105	106	704	81.948	ug/L	89
55) Styrene	10.118	104	2063	140.654	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	1991	203.723	ug/L	99
59) Bromoform	10.298	173	472	30.231	ug/L #	88
60) 1,2,3-Trichloropropane	10.825	75	2262	98.271	ug/L	95
61) Isopropylbenzene	10.488	105	2827	42.841	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	1893	52.871	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	3874	71.232	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	4121	112.356	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	4455	117.265	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	4476	121.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	1562	211.850	ug/L	89
69) 1,3,5-Trichlorobenzene	13.224	180	5870	197.059	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	11049	423.474	ug/L	95
71) Naphthalene	14.089	128	95158	1223.289	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	14240	544.426	ug/L	97

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

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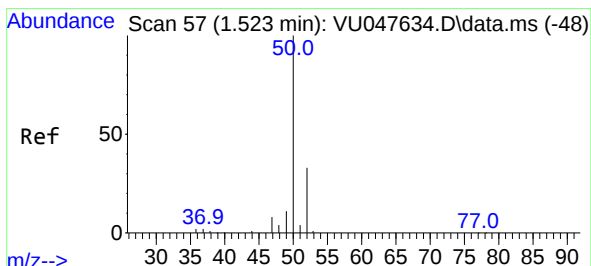
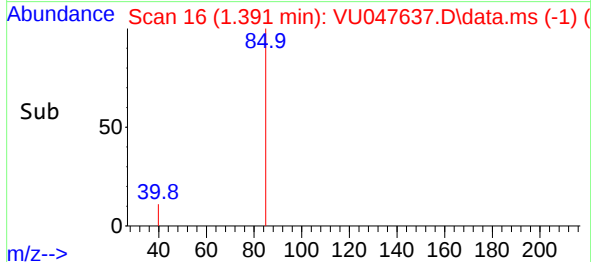
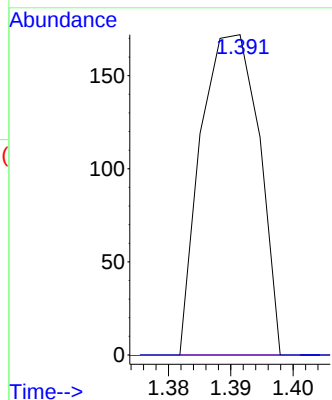
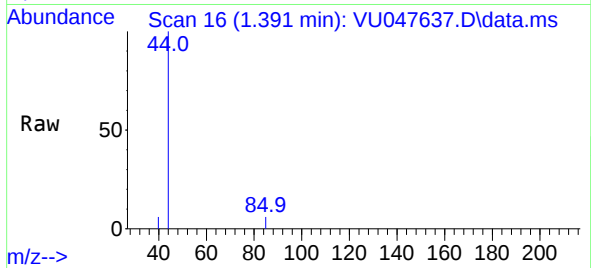




#2
Dichlorodifluoromethane
Concen: 156.892 ug/L
RT: 1.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

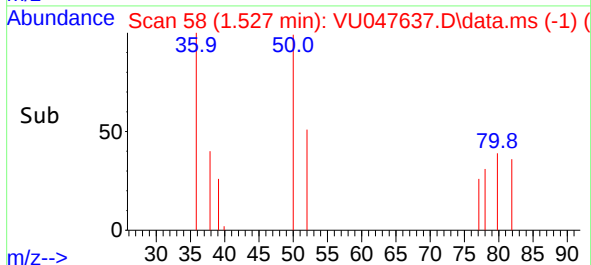
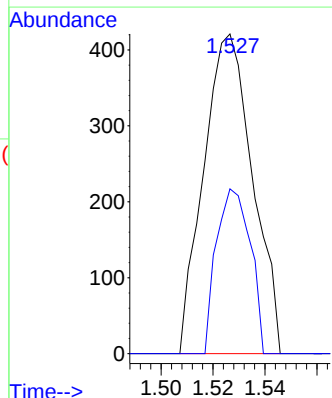
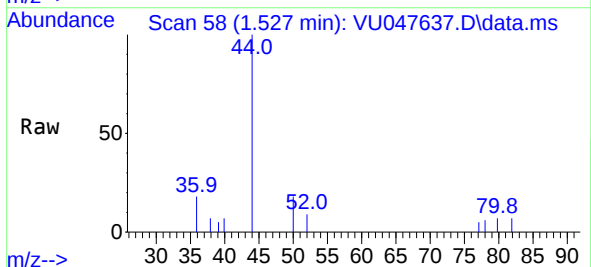
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

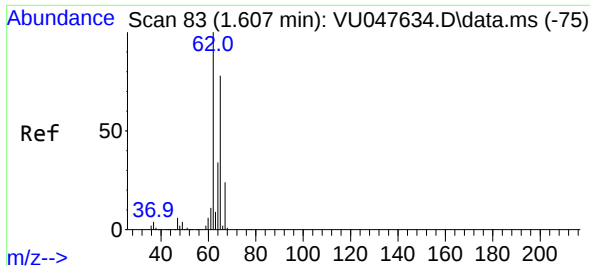
Tgt Ion: 85 Resp: 112
Ion Ratio Lower Upper
85 100
87 0.0 25.8 38.8#



#3
Chloromethane
Concen: 808.559 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 51.5 23.2 43.2#

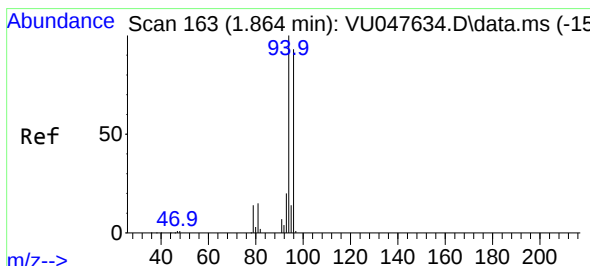
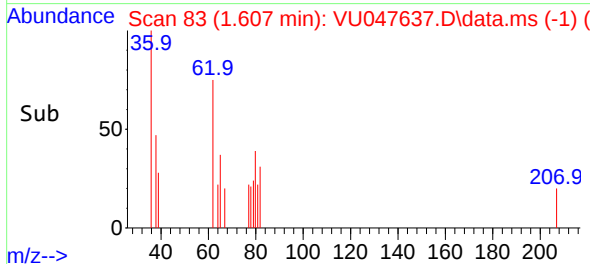
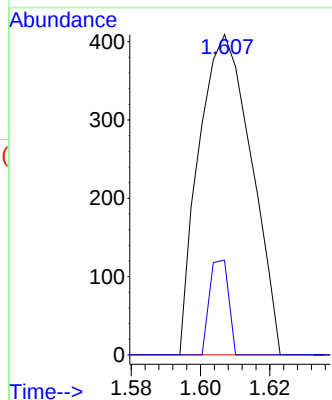
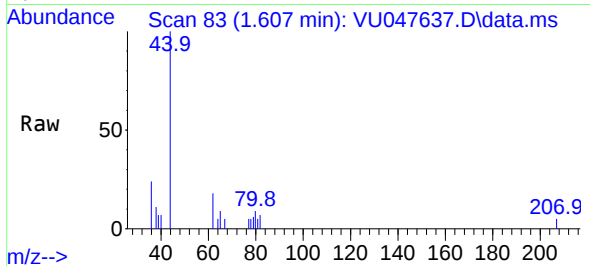




#5
 Vinyl chloride
 Concen: 619.014 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047637.D
 Acq: 24 Mar 2022 15:28

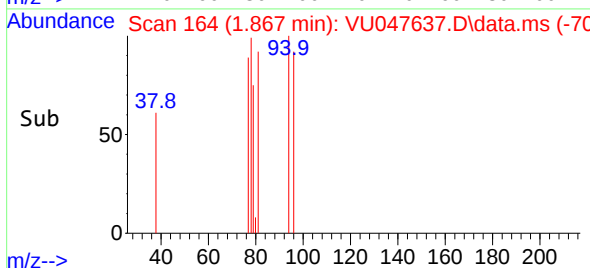
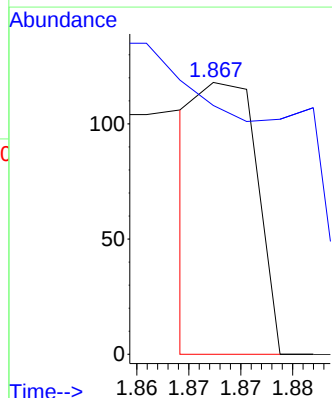
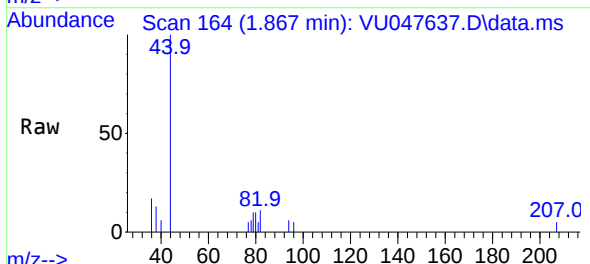
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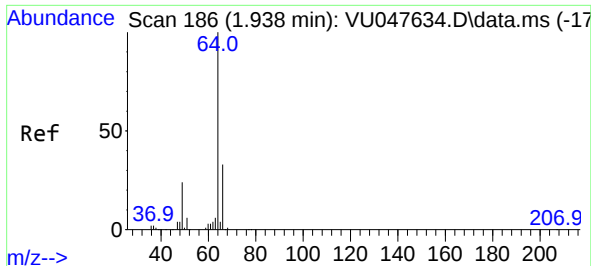
Tgt Ion: 62 Resp: 431
 Ion Ratio Lower Upper
 62 100
 64 29.6 23.7 43.9



#6
 Bromomethane
 Concen: 120.078 ug/L
 RT: 1.867 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VU047637.D
 Acq: 24 Mar 2022 15:28

Tgt Ion: 94 Resp: 45
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.8 120.3

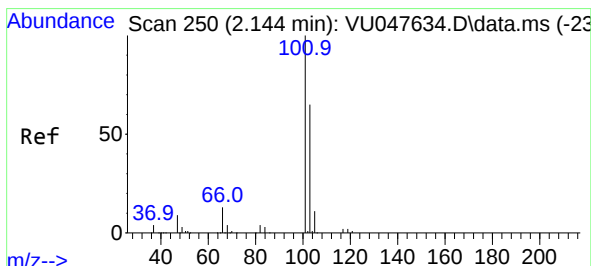
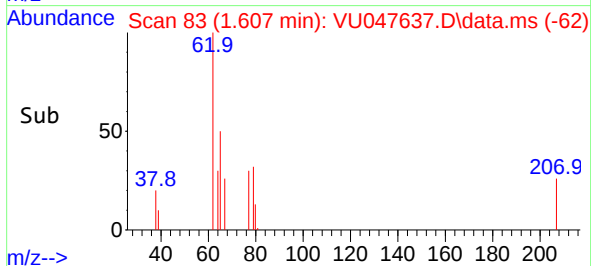
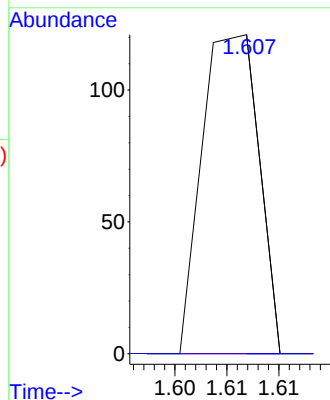
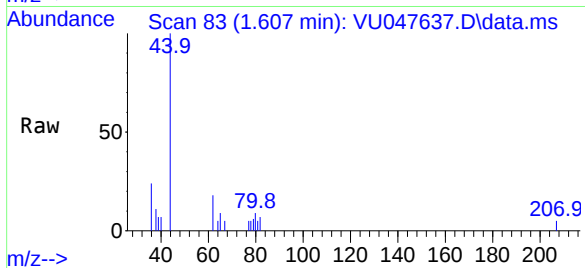




#8
Chloroethane
Concen: 105.242 ug/L
RT: 1.607 min Scan# 81
Delta R.T. -0.331 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

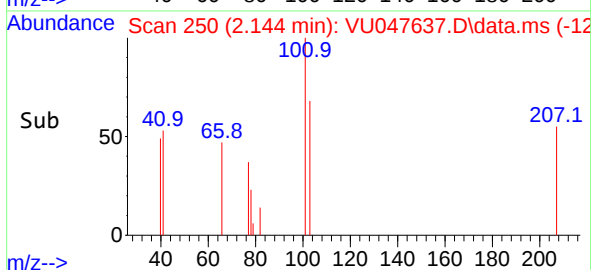
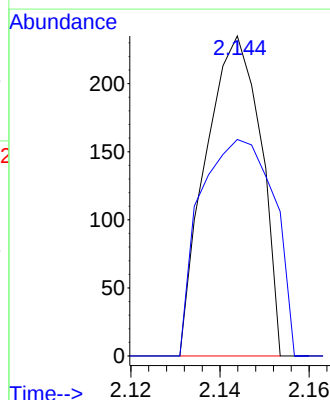
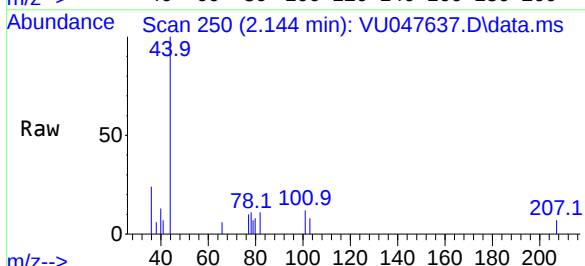
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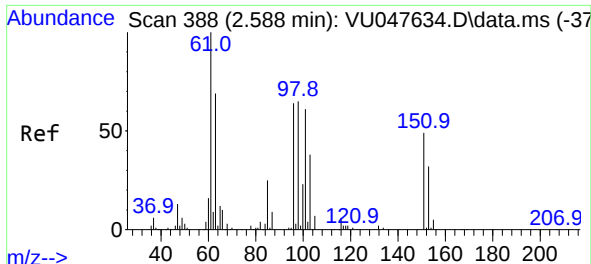
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 23.3 43.3#



#9
Trichlorofluoromethane
Concen: 204.718 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 101 Resp: 201
Ion Ratio Lower Upper
101 100
103 90.5 51.4 77.2#

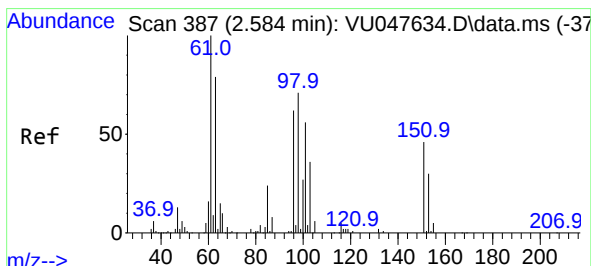
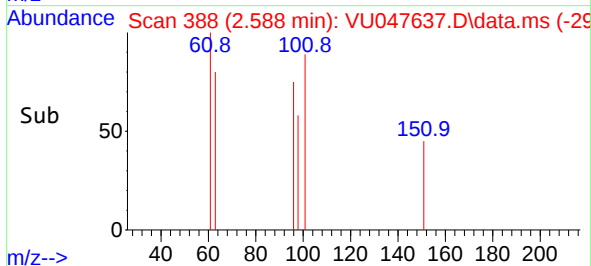
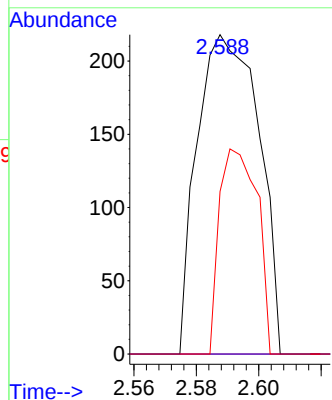
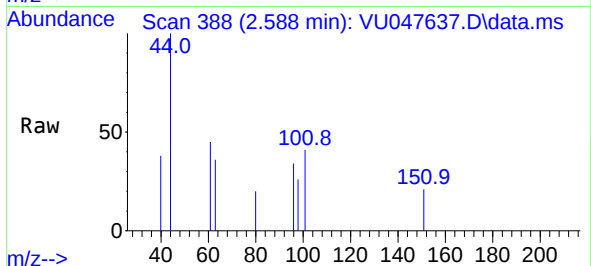




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 526.838 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

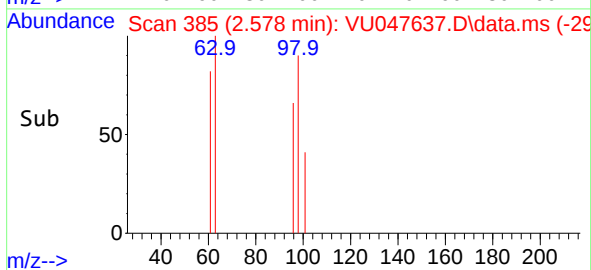
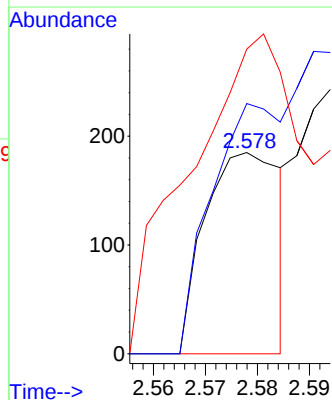
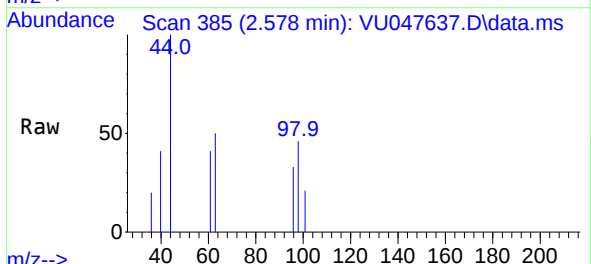
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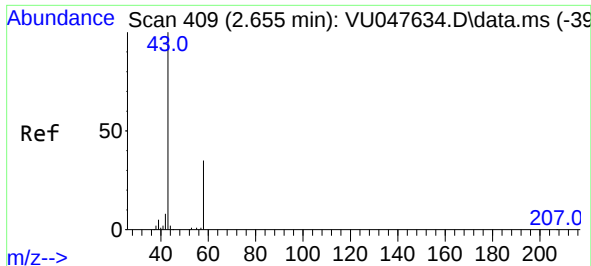
Tgt Ion:101 Resp: 299
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 39.5 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 352.149 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 96 Resp: 186
Ion Ratio Lower Upper
96 100
61 124.3 113.1 210.1
63 151.4 94.8 176.0

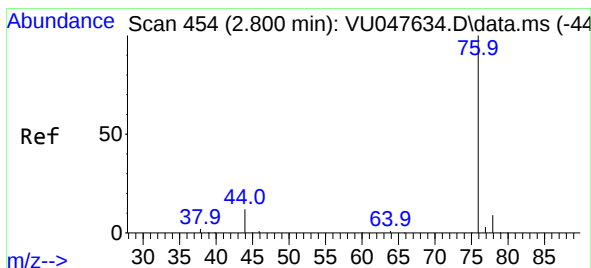
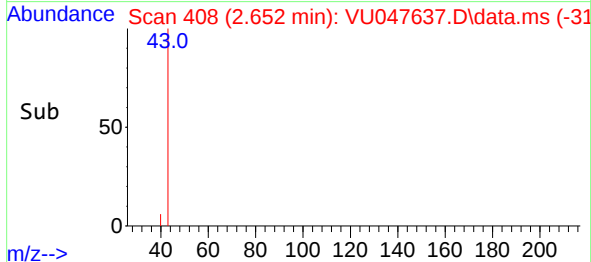
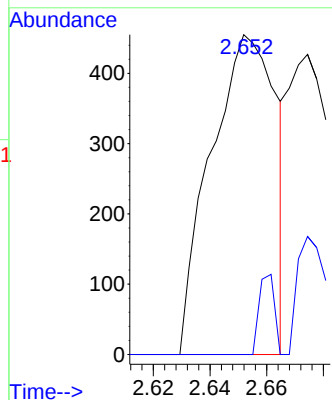
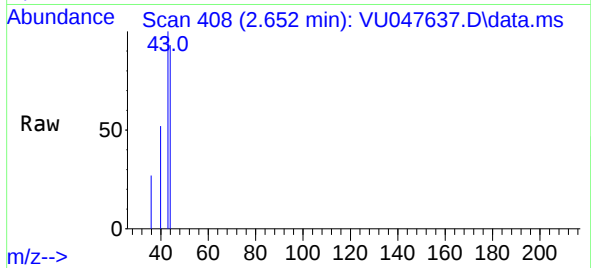




#13
Acetone
Concen: 1621.066 ug/L
RT: 2.652 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

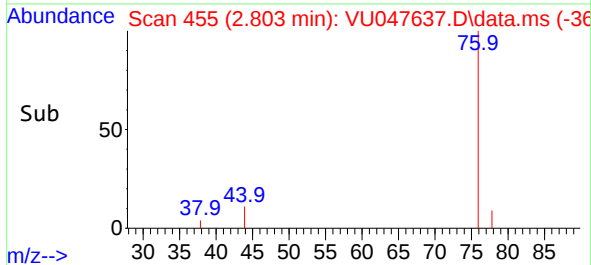
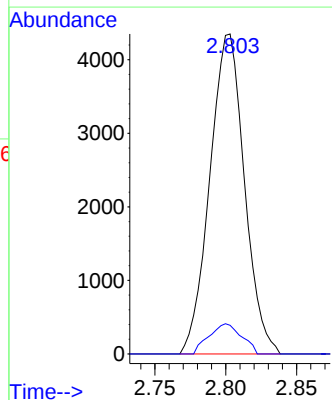
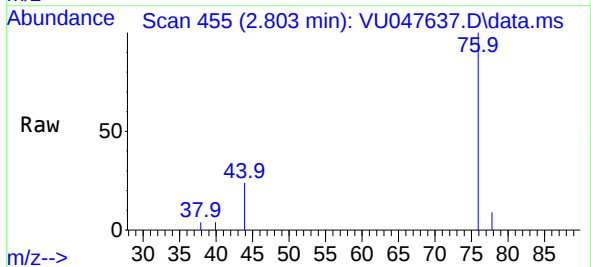
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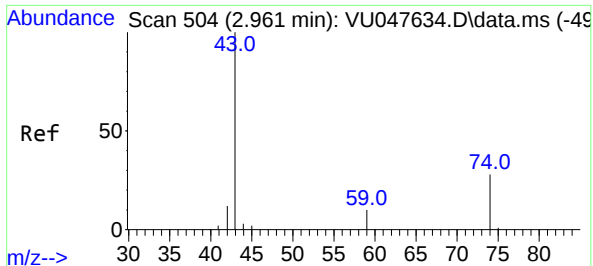
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 5.9 0.0 70.0



#14
Carbon disulfide
Concen: 4426.306 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 76 Resp: 7390
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

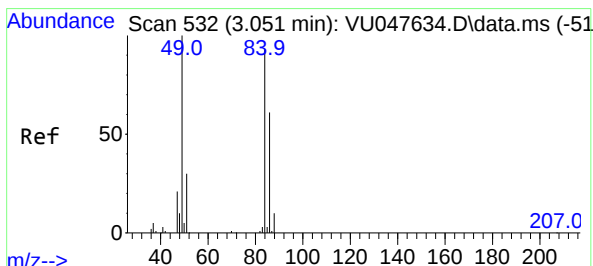
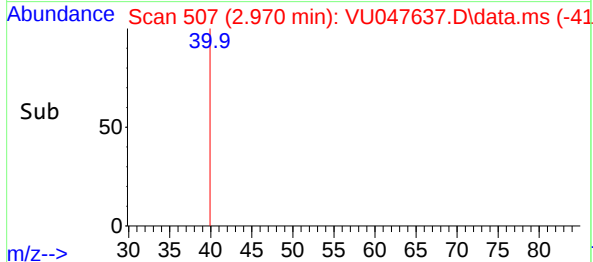
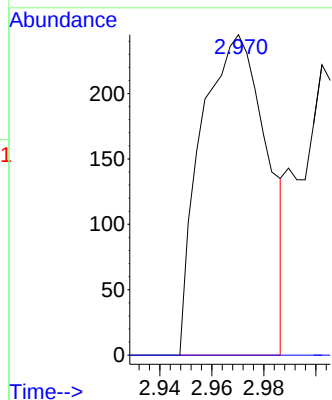
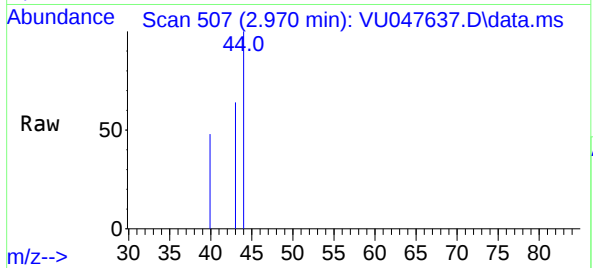




#15
Methyl Acetate
Concen: 604.616 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.010 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

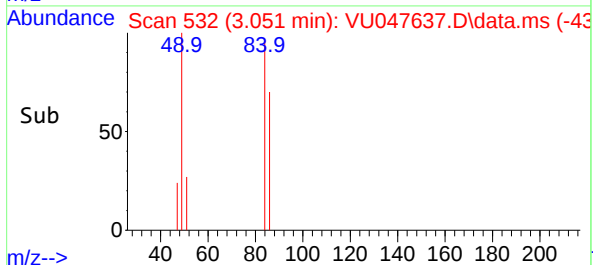
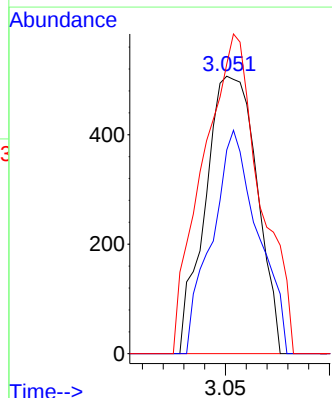
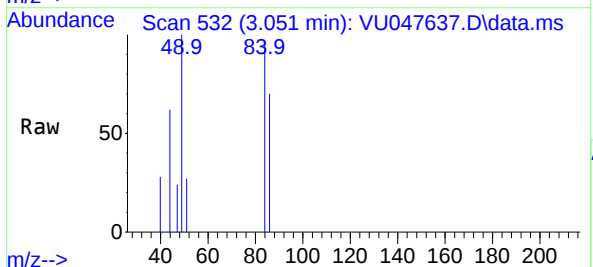
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

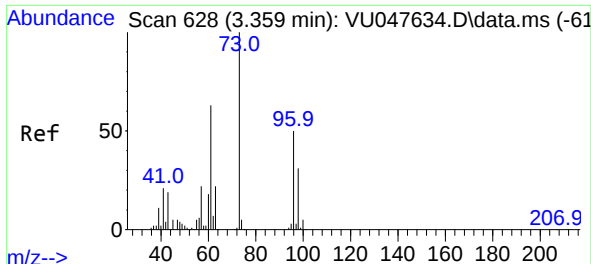
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#16
Methylene chloride
Concen: 1446.947 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
86 73.4 46.0 85.4
49 104.3 75.3 139.8

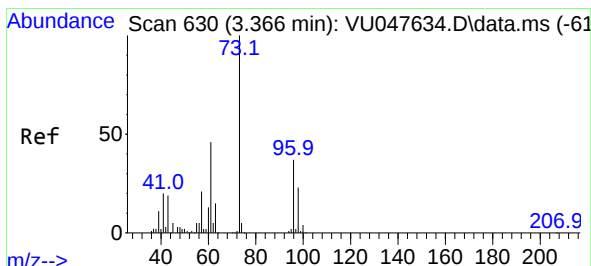
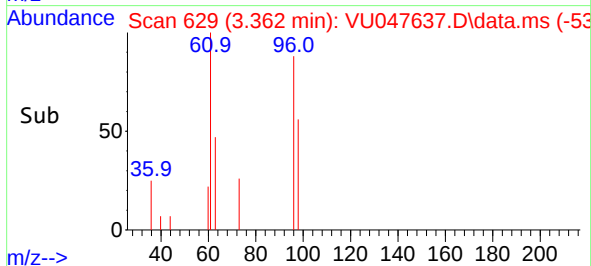
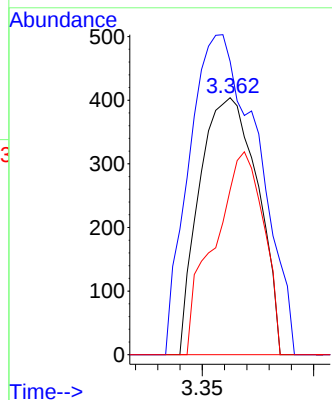
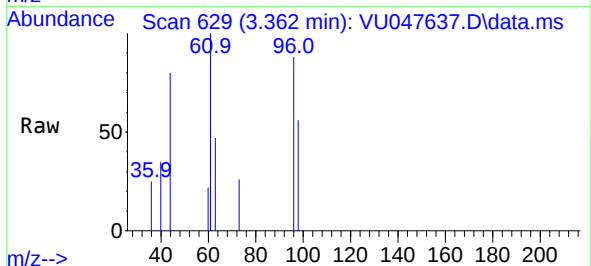




#17
trans-1,2-Dichloroethene
Concen: 1284.880 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

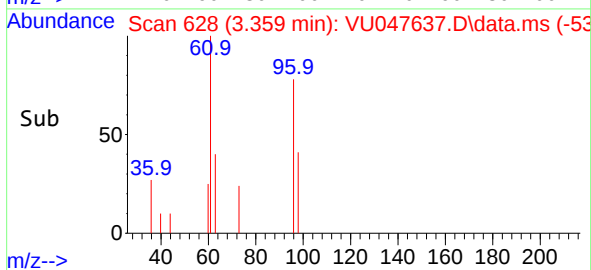
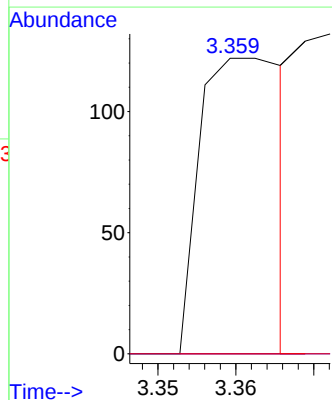
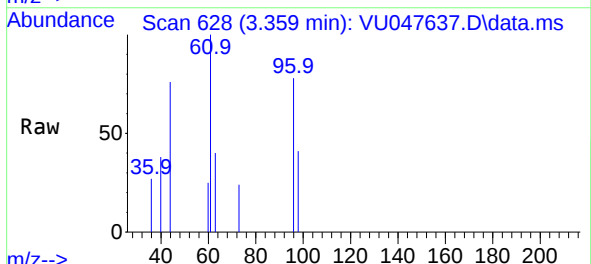
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

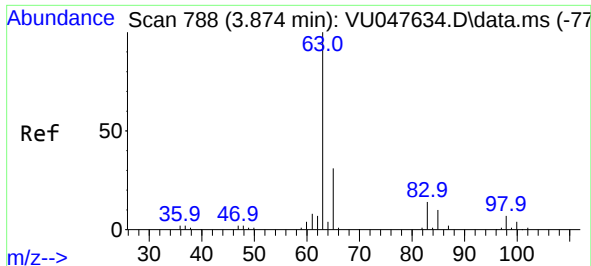
Tgt Ion: 96 Resp: 732
Ion Ratio Lower Upper
96 100
61 114.1 88.4 164.2
98 64.1 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 56.618 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 73 Resp: 91
Ion Ratio Lower Upper
73 100
43 0.0 15.3 22.9#
57 0.0 17.0 25.6#





#19

1,1-Dichloroethane

Concen: 198.466 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK051

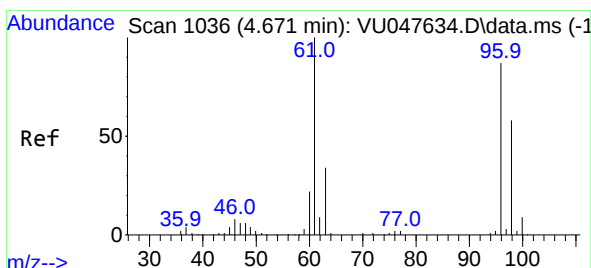
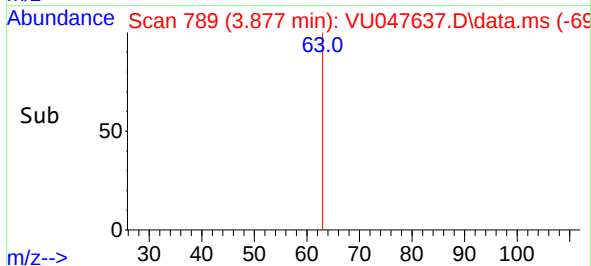
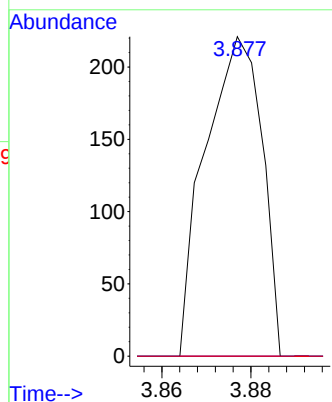
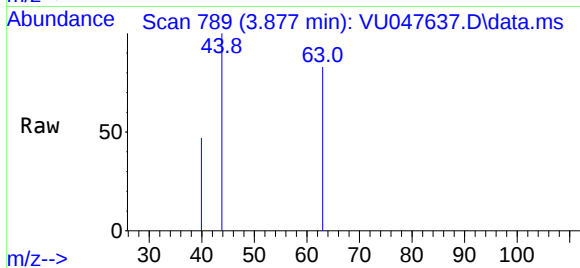
Tgt Ion: 63 Resp: 195

Ion Ratio Lower Upper

63 100

65 0.0 22.0 41.0#

83 0.0 9.7 18.1#



#20

cis-1,2-Dichloroethene

Concen: 520.358 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

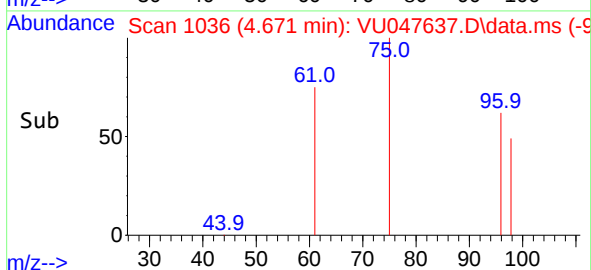
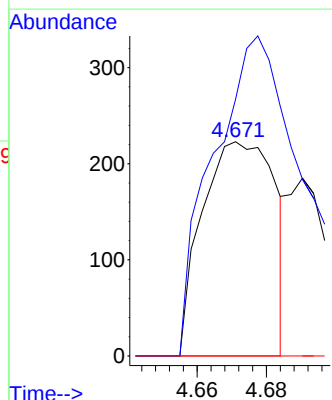
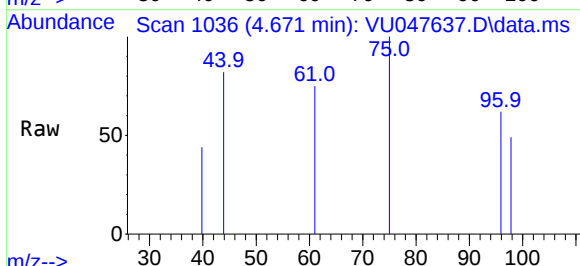
Tgt Ion: 96 Resp: 325

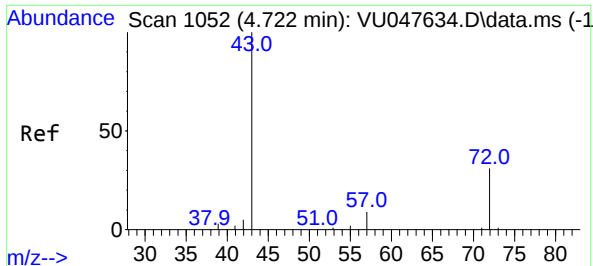
Ion Ratio Lower Upper

96 100

61 119.7 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 2473.336 ug/L

RT: 4.745 min Scan# 1059

Delta R.T. 0.023 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

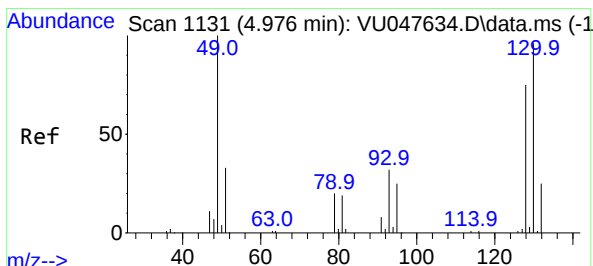
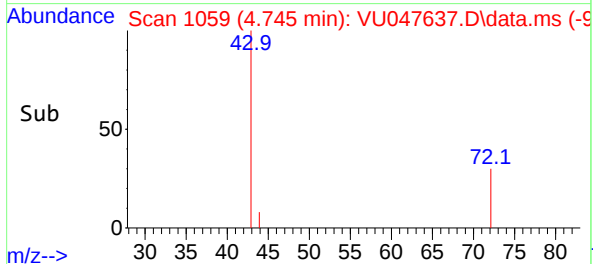
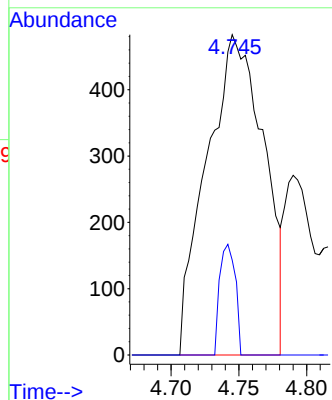
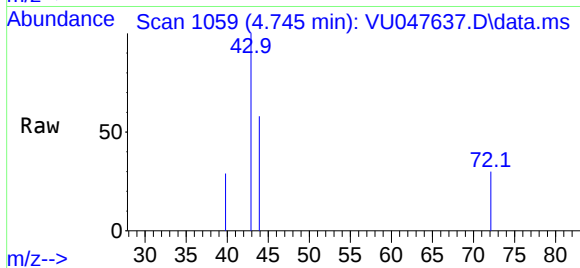
VIBLK051

Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

72 9.4 16.0 47.9#



#23

Bromochloromethane

Concen: 125.395 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Tgt Ion: 128 Resp: 43

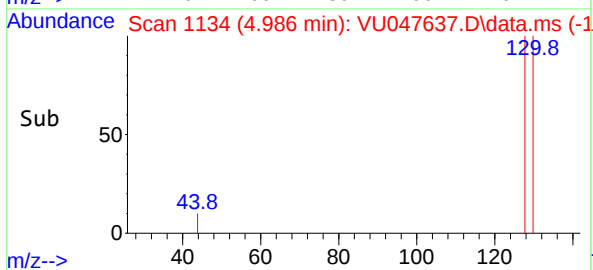
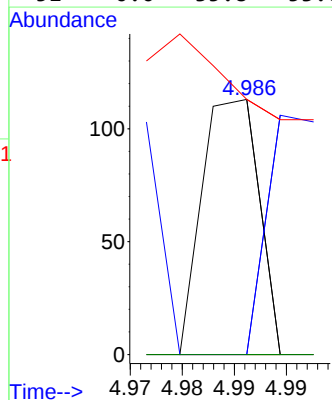
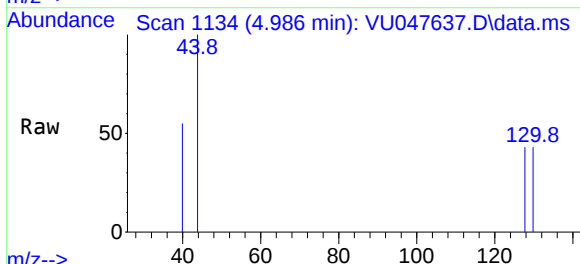
Ion Ratio Lower Upper

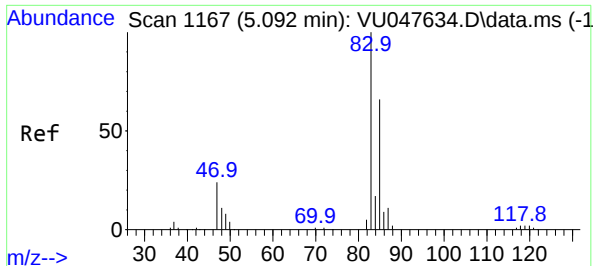
128 100

49 0.0 94.1 174.8#

130 100.0 90.2 167.4

51 0.0 35.8 53.6#





#25

Chloroform

Concen: 406.495 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

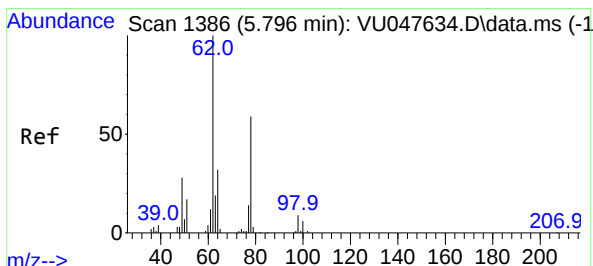
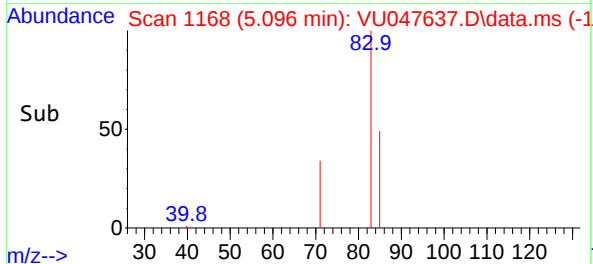
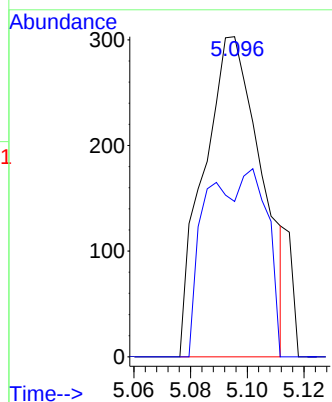
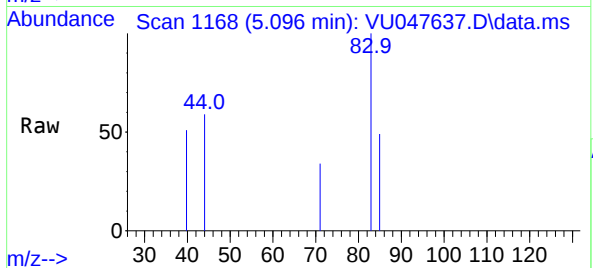
VIBLK051

Tgt Ion: 83 Resp: 430

Ion Ratio Lower Upper

83 100

85 48.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 644.834 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VU047637.D

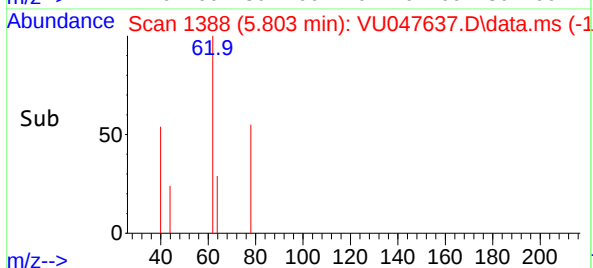
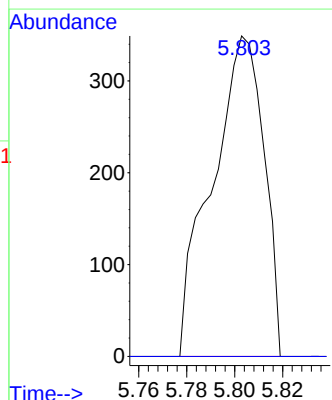
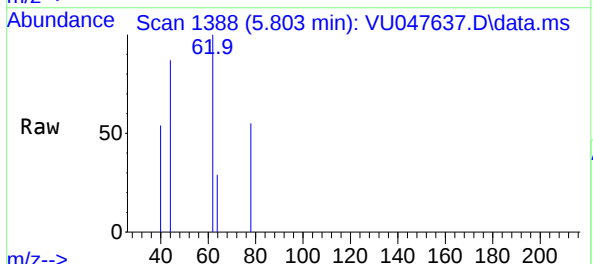
Acq: 24 Mar 2022 15:28

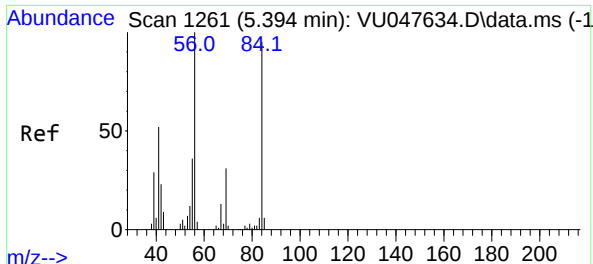
Tgt Ion: 62 Resp: 527

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#





#29

Cyclohexane

Concen: 20.506 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.010 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK051

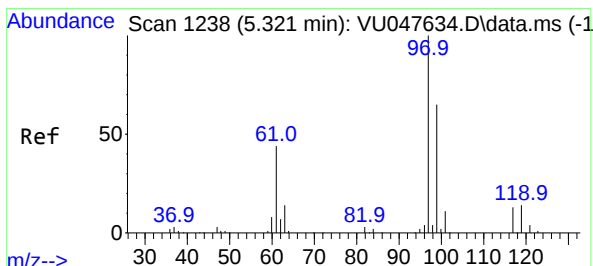
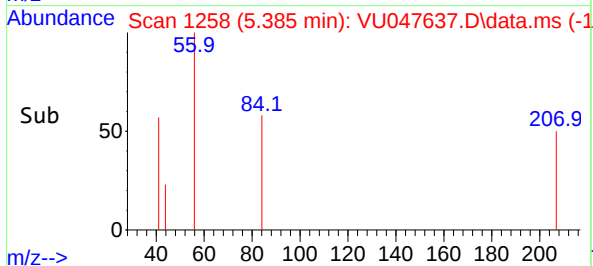
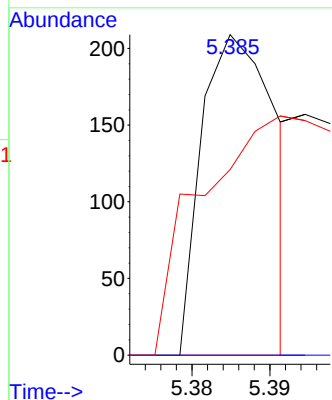
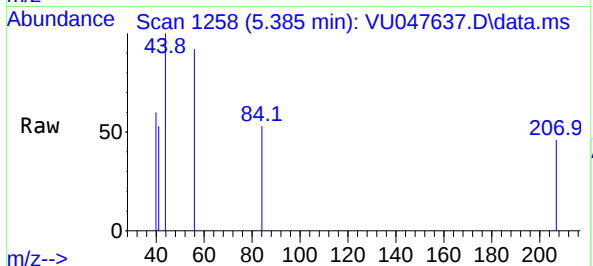
Tgt Ion: 56 Resp: 139

Ion Ratio Lower Upper

56 100

69 0.0 25.4 38.2#

84 49.6 77.0 115.6#



#30

1,1,1-Trichloroethane

Concen: 5.677 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

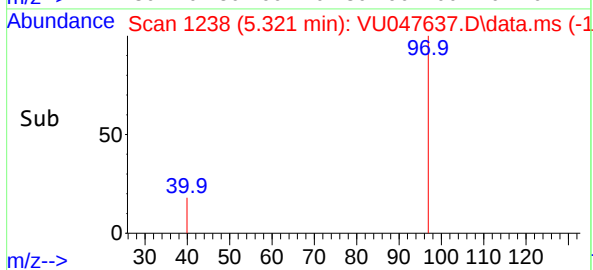
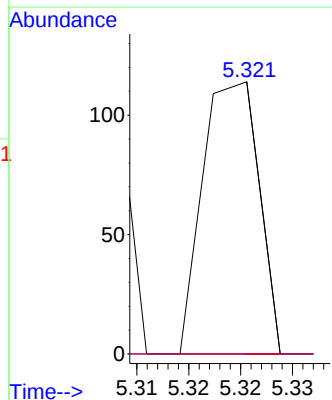
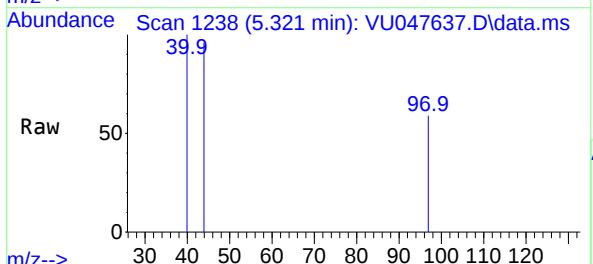
Tgt Ion: 97 Resp: 43

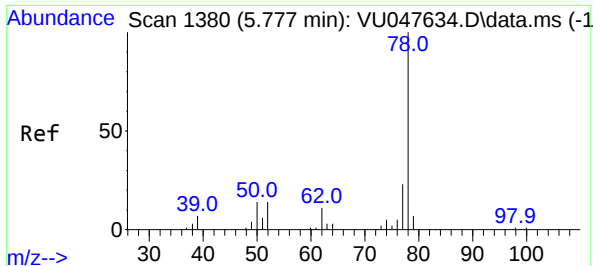
Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

61 0.0 34.2 51.4#

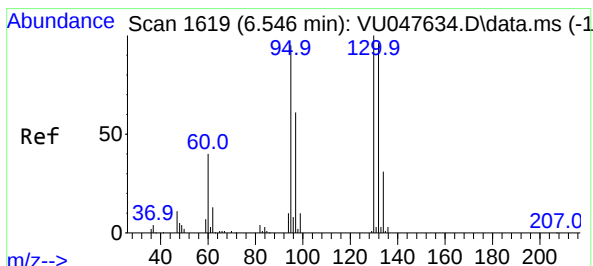
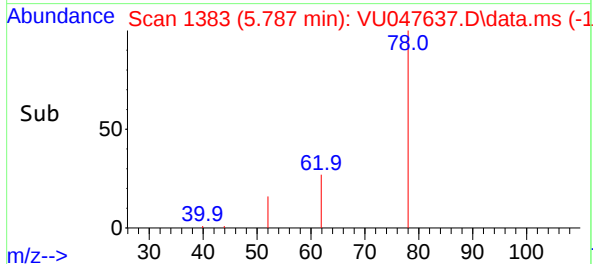
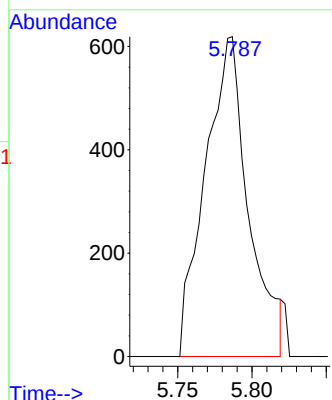
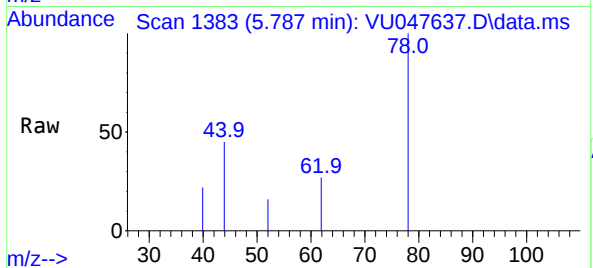




#33
Benzene
Concen: 64.752 ug/L
RT: 5.787 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

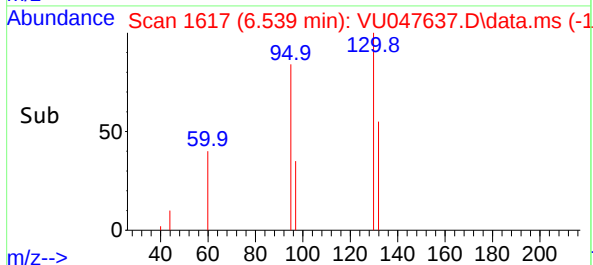
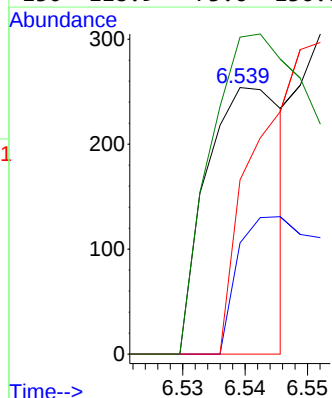
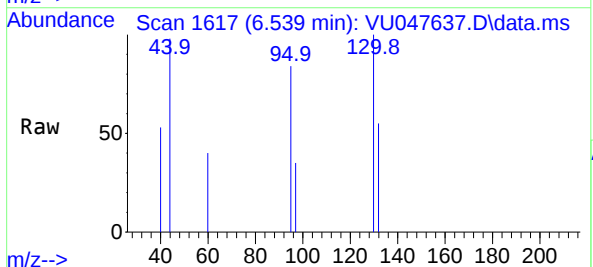
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

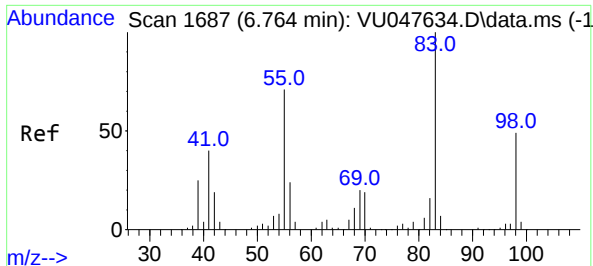
Tgt Ion: 78 Resp: 1252



#34
Trichloroethene
Concen: 42.216 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 95 Resp: 214
Ion Ratio Lower Upper
95 100
97 41.7 44.7 82.9#
132 65.4 70.4 130.8#
130 118.9 73.6 136.8

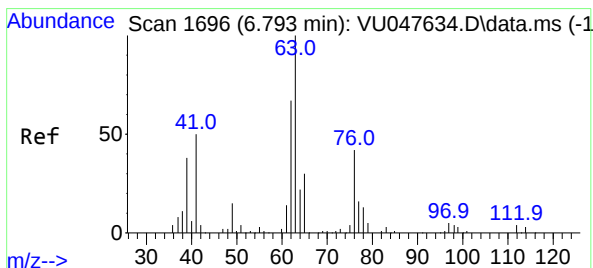
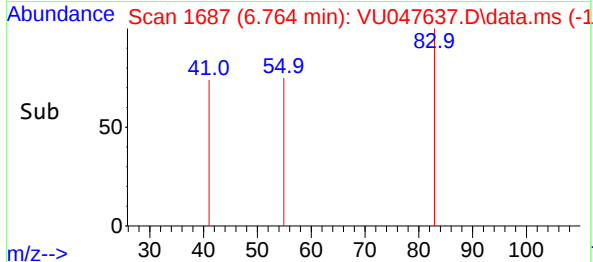
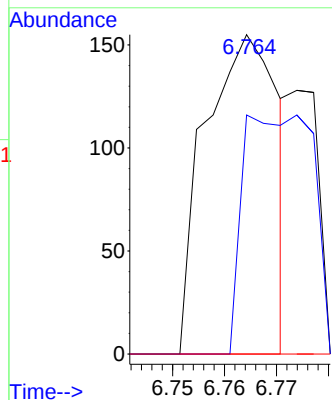
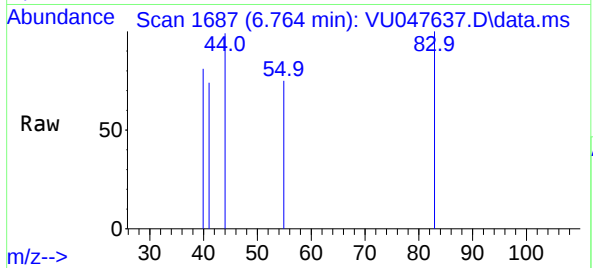




#35
Methylcyclohexane
Concen: 19.580 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

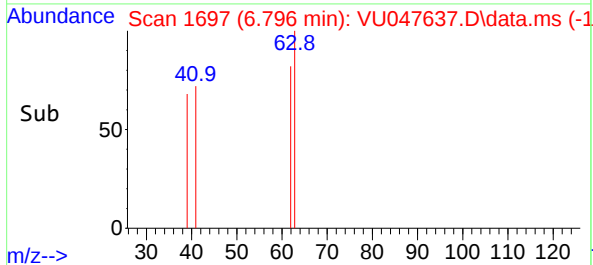
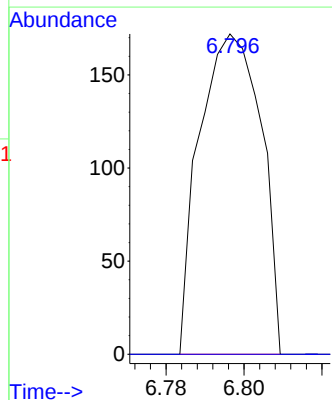
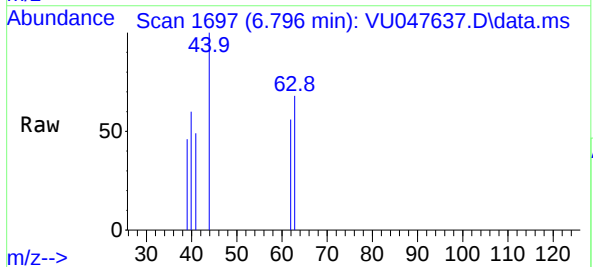
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

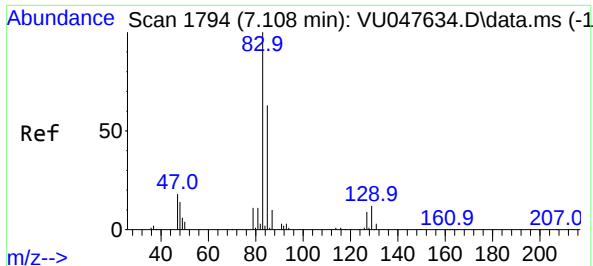
Tgt Ion: 83 Resp: 151
Ion Ratio Lower Upper
83 100
55 43.0 56.8 85.2#
98 0.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 38.451 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 63 Resp: 189
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

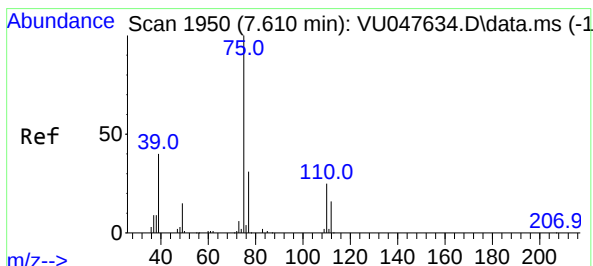
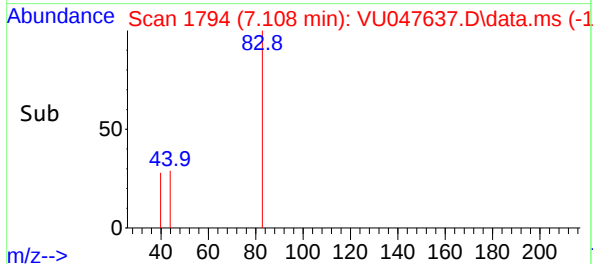
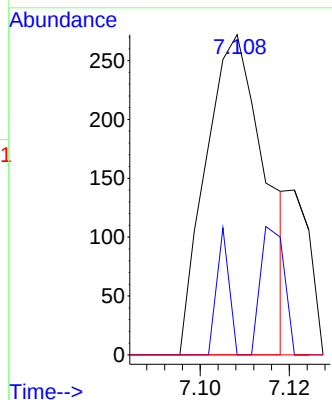
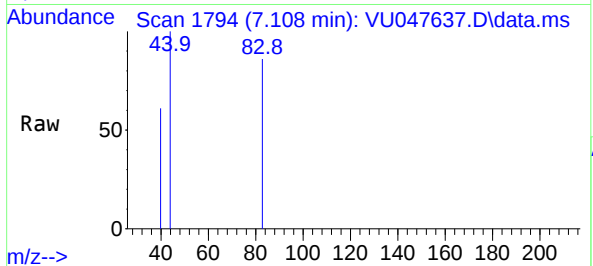




#38
Bromodichloromethane
Concen: 37.334 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

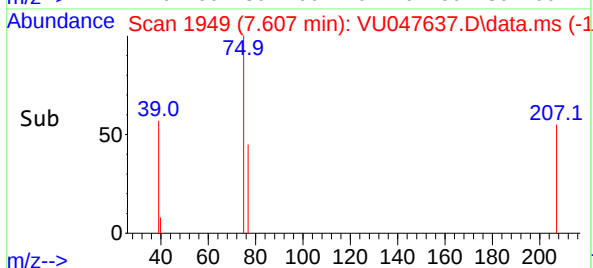
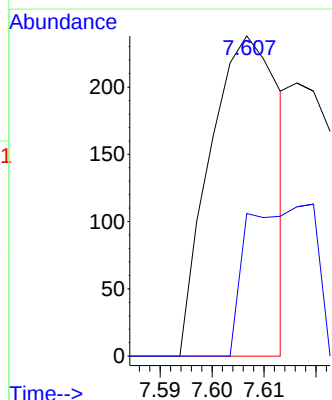
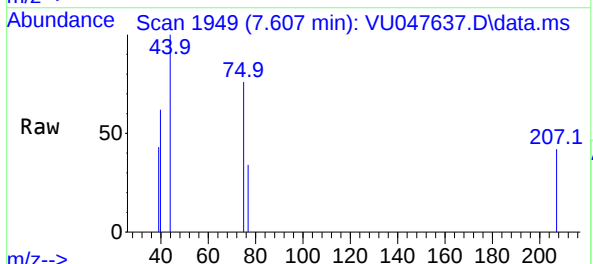
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

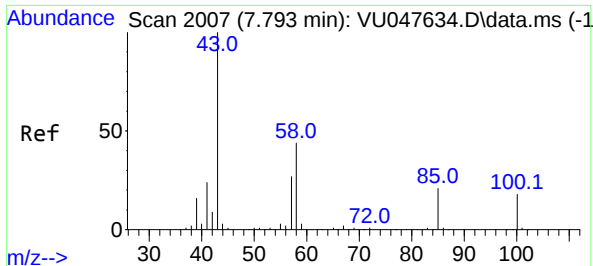
Tgt Ion: 83 Resp: 252
Ion Ratio Lower Upper
83 100
85 0.0 44.4 82.4#
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 28.846 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 75 Resp: 220
Ion Ratio Lower Upper
75 100
77 44.5 21.8 40.6#

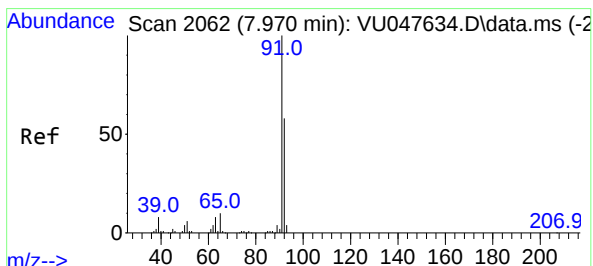
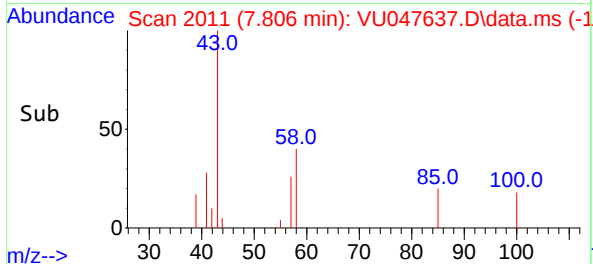
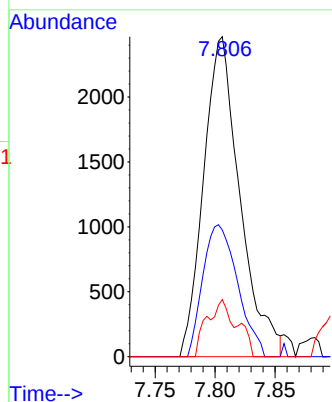
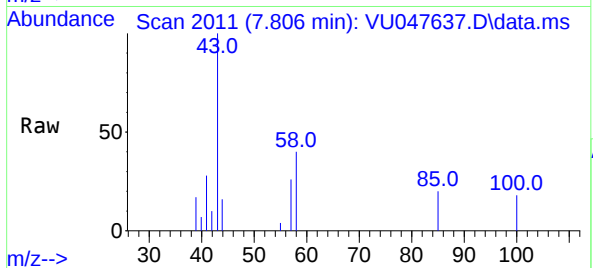




#40
4-Methyl-2-pentanone
Concen: 667.552 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.013 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

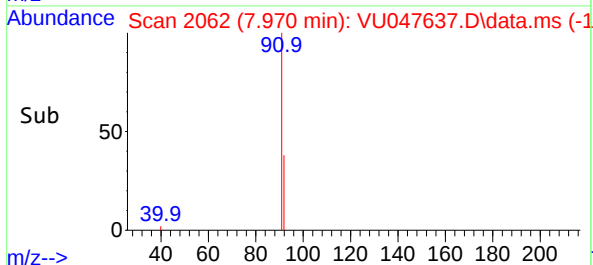
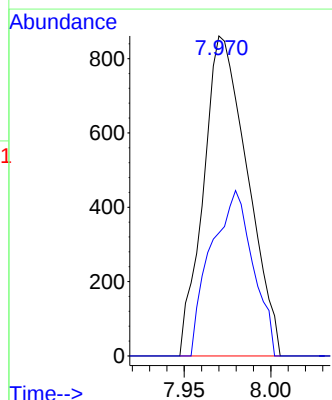
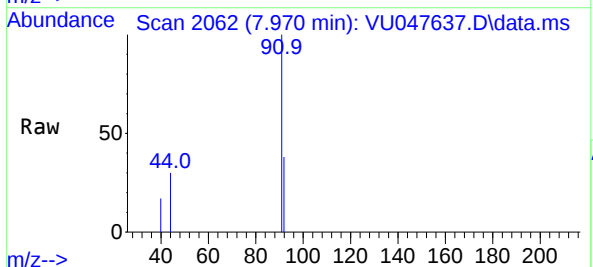
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

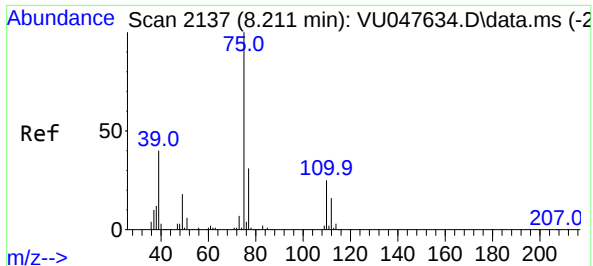
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1
100 7.5 14.2 21.2#



#42
Toluene
Concen: 71.787 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 91 Resp: 1523
Ion Ratio Lower Upper
91 100
92 38.4 40.4 75.0#

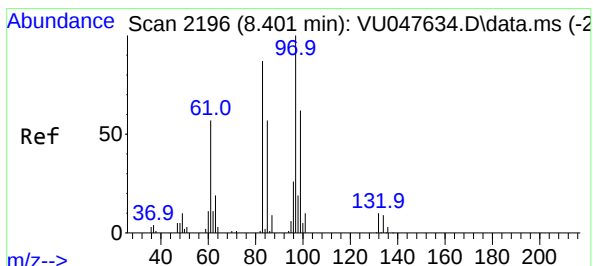
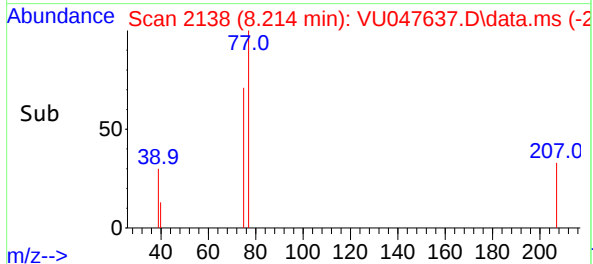
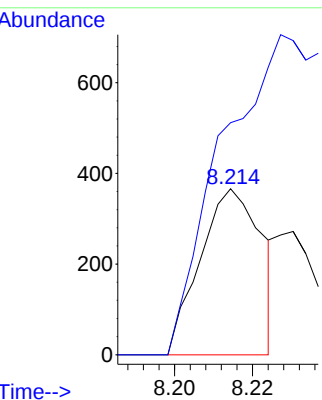
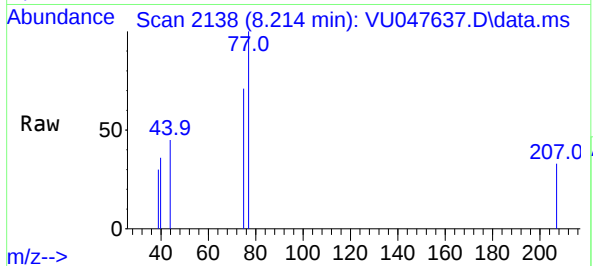




#44
trans-1,3-Dichloropropene
Concen: 52.528 ug/L
RT: 8.214 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

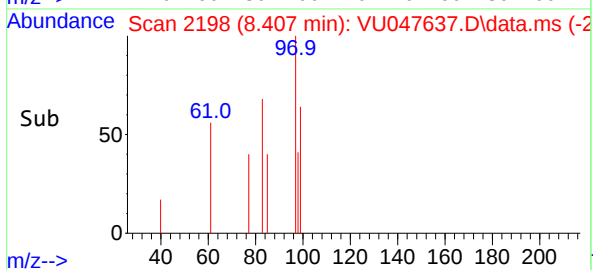
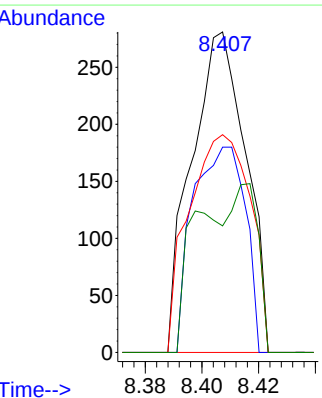
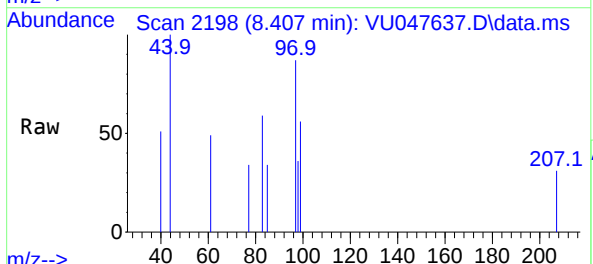
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

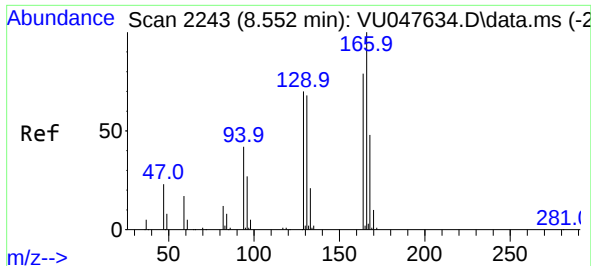
Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
77 139.9 22.0 40.8#



#45
1,1,2-Trichloroethane
Concen: 71.743 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 97 Resp: 374
Ion Ratio Lower Upper
97 100
99 64.1 43.3 80.3
83 68.0 61.0 113.4
85 39.5 39.6 73.6#



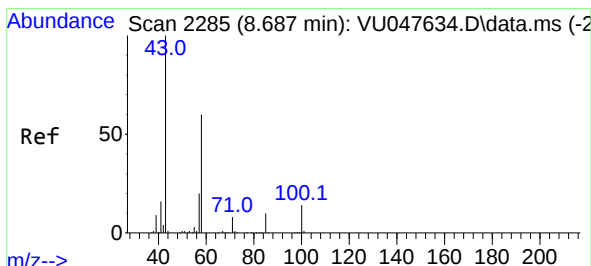
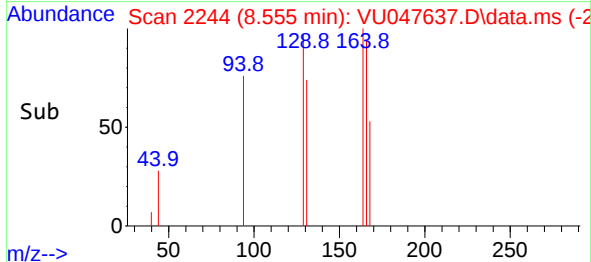
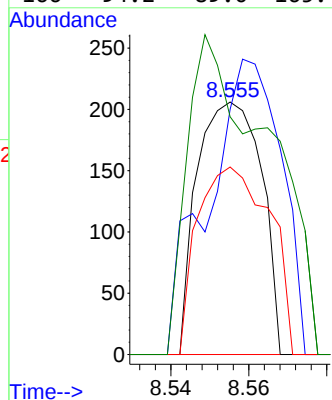
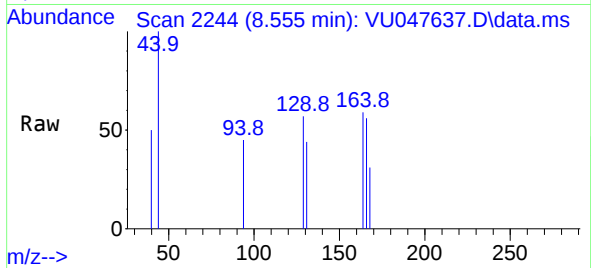


#46
Tetrachloroethene
Concen: 51.588 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

Tgt Ion:164 Resp: 235

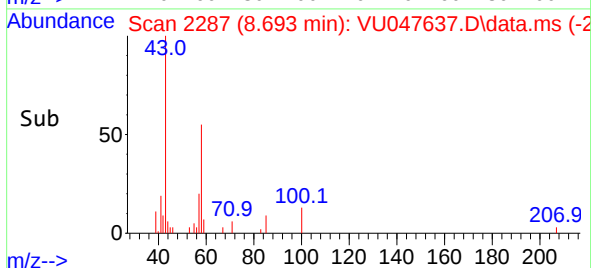
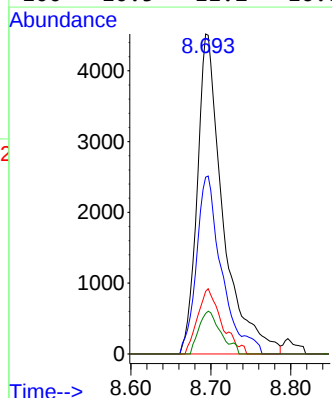
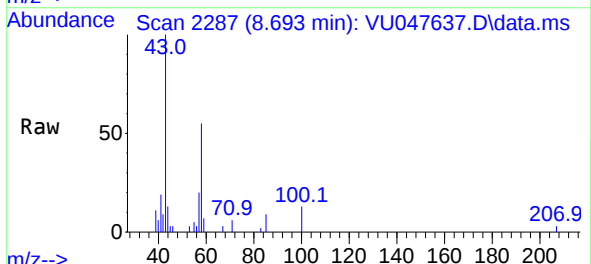
Ion	Ratio	Lower	Upper
164	100		
129	97.1	62.4	116.0
131	74.3	60.7	112.7
166	94.2	89.0	165.4

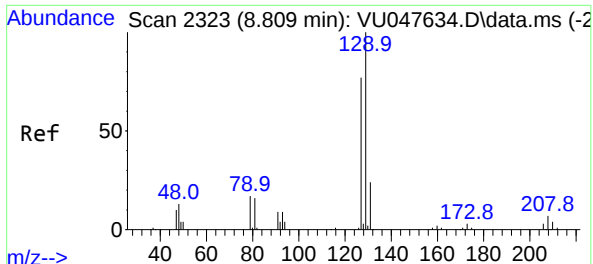


#48
2-Hexanone
Concen: 1511.112 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 43 Resp: 10098

Ion	Ratio	Lower	Upper
43	100		
58	51.7	48.1	72.1
57	16.6	16.2	24.4
100	10.5	11.2	16.8





#49

Dibromochloromethane

Concen: 68.235 ug/L

RT: 8.812 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

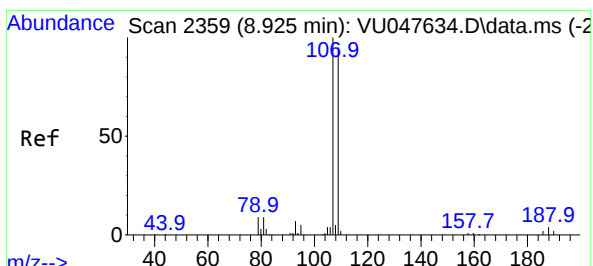
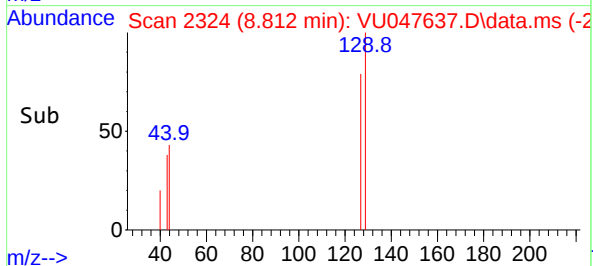
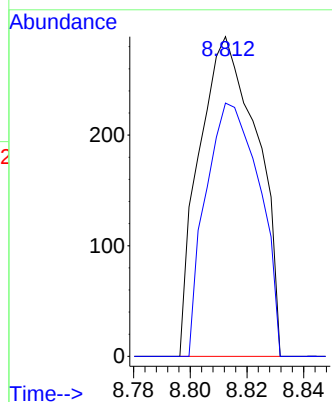
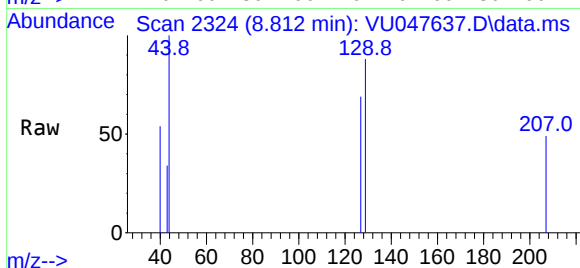
VIBLK051

Tgt Ion:129 Resp: 412

Ion Ratio Lower Upper

129 100

127 79.2 54.2 100.6



#50

1,2-Dibromoethane

Concen: 53.899 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. -0.003 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

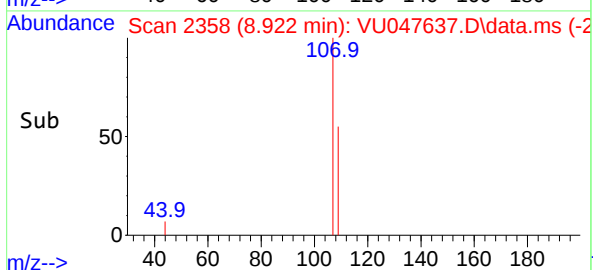
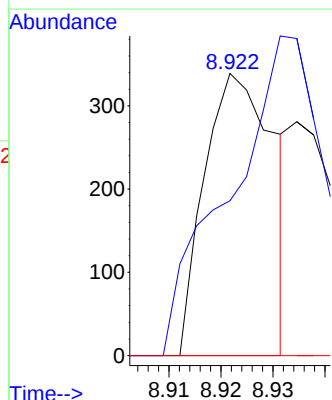
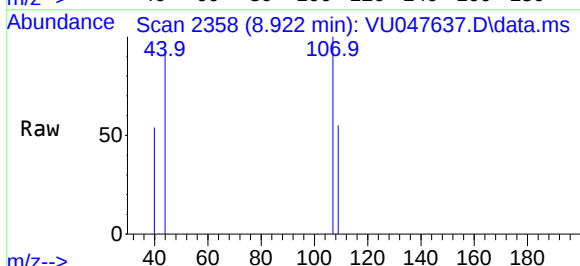
Tgt Ion:107 Resp: 315

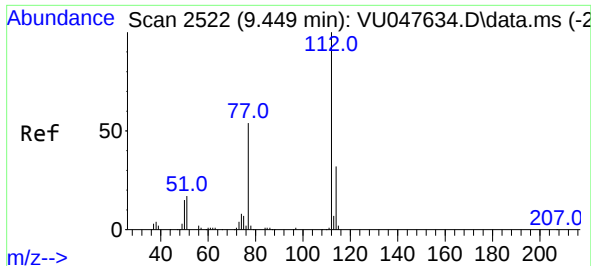
Ion Ratio Lower Upper

107 100

109 54.9 66.6 123.6#

188 0.0 3.4 5.2#

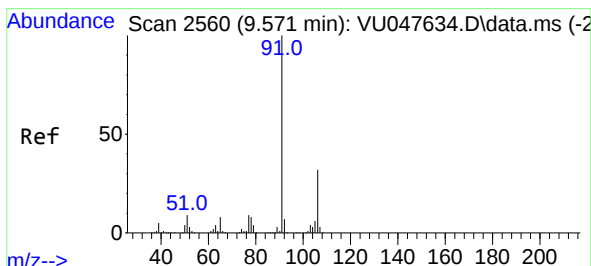
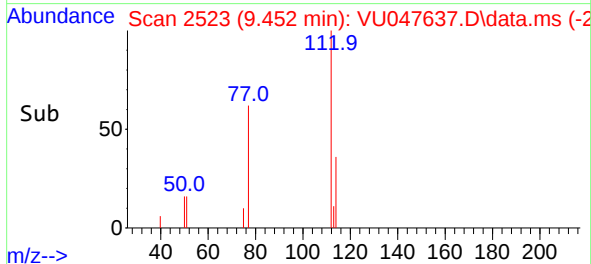
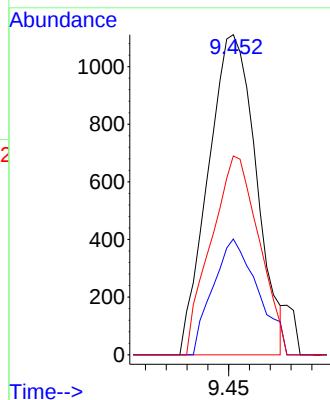
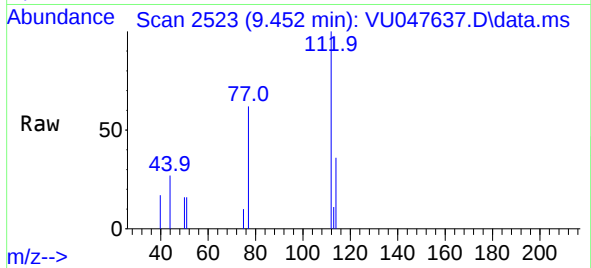




#51
Chlorobenzene
Concen: 123.775 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

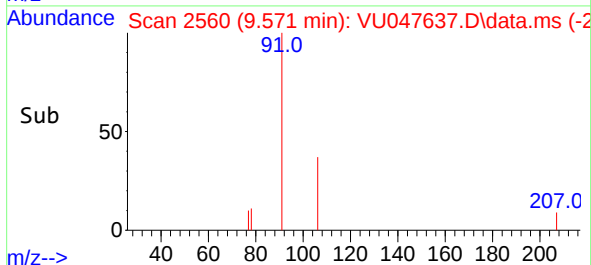
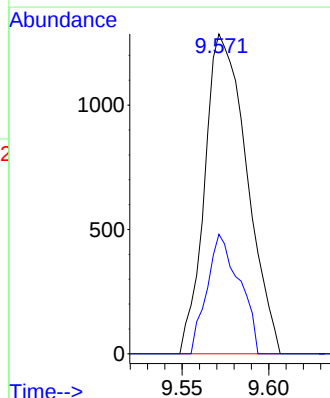
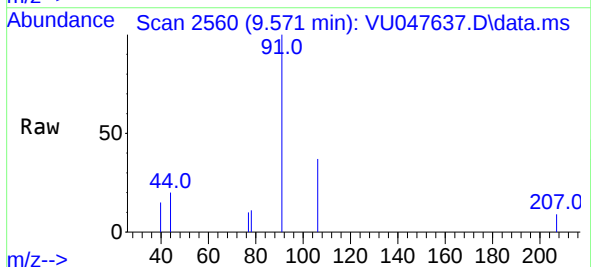
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

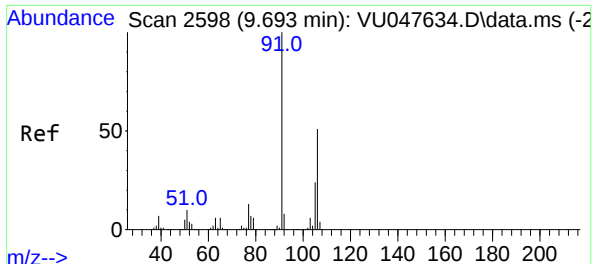
Tgt Ion:	112	Resp:	1783
Ion	Ratio	Lower	Upper
112	100		
114	36.2	22.1	41.1
77	62.1	43.4	65.0



#52
Ethylbenzene
Concen: 97.322 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:	91	Resp:	2171
Ion	Ratio	Lower	Upper
91	100		
106	37.4	22.4	41.6





#53

m,p-Xylene

Concen: 90.483 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU047637.D

Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

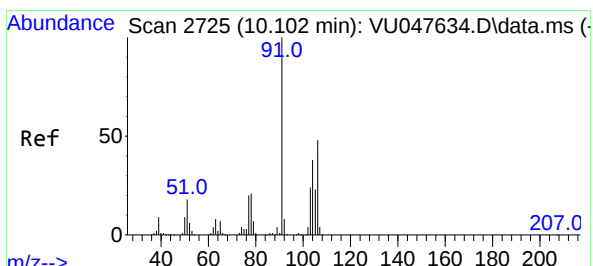
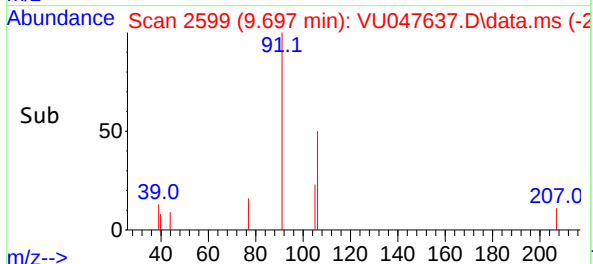
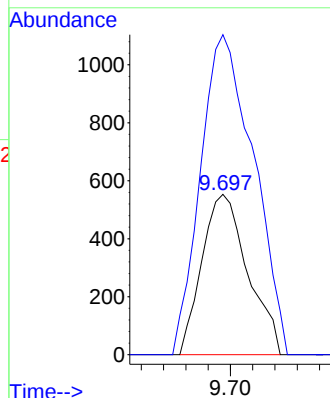
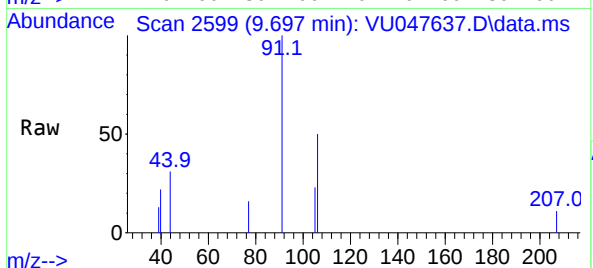
VIBLK051

Tgt Ion:106 Resp: 792

Ion Ratio Lower Upper

106 100

91 199.6 137.7 255.7



#54

o-Xylene

Concen: 81.948 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU047637.D

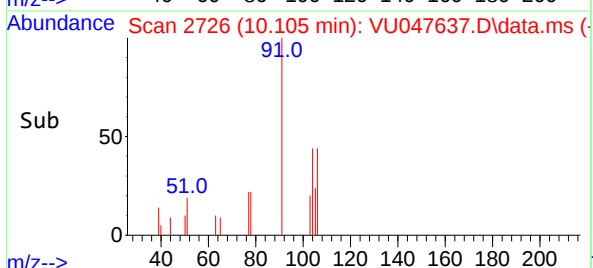
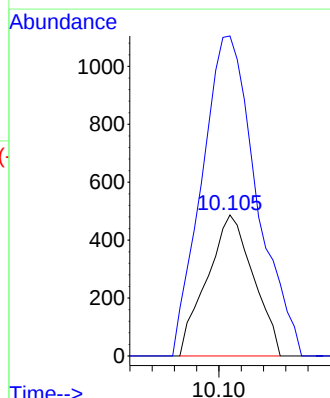
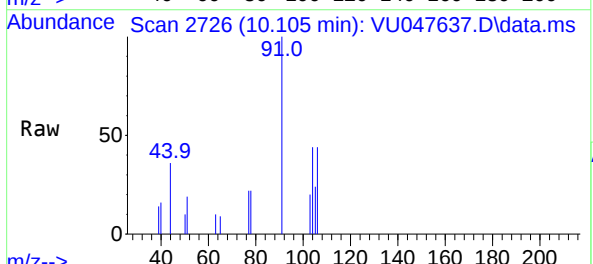
Acq: 24 Mar 2022 15:28

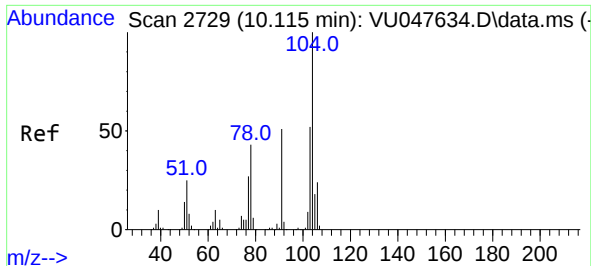
Tgt Ion:106 Resp: 704

Ion Ratio Lower Upper

106 100

91 226.9 146.7 272.5

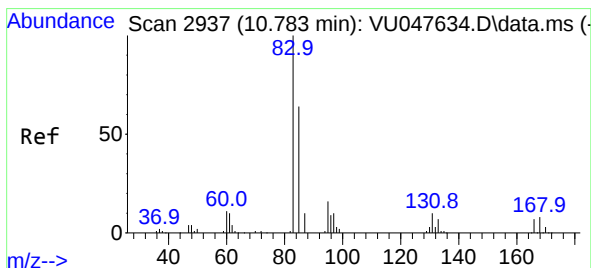
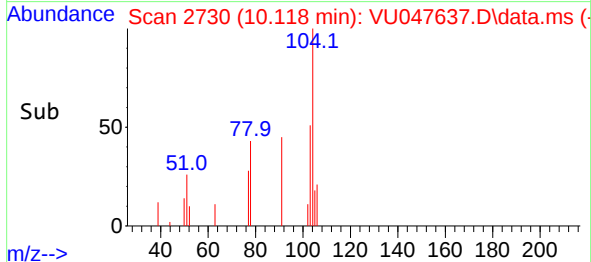
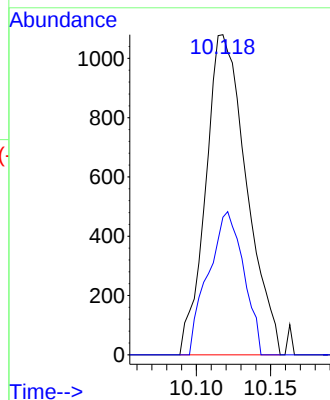
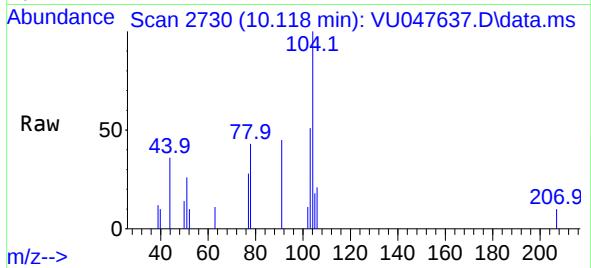




#55
Styrene
Concen: 140.654 ug/L
RT: 10.118 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

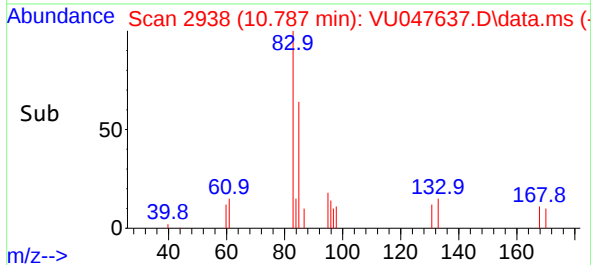
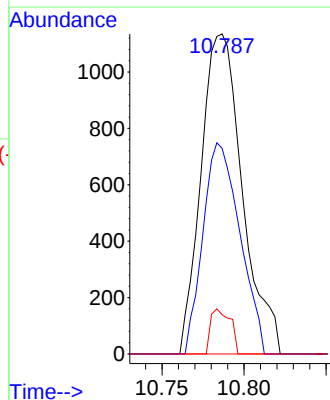
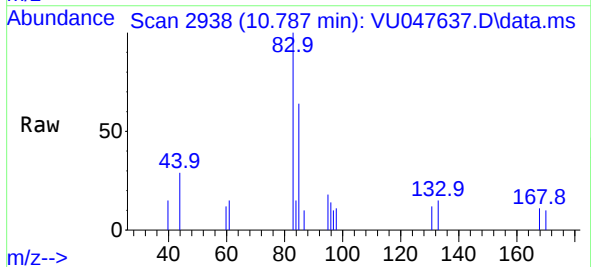
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

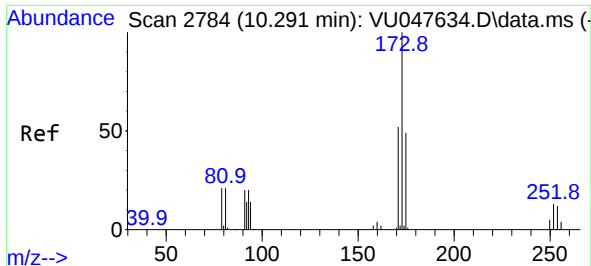
Tgt Ion:104 Resp: 2063
Ion Ratio Lower Upper
104 100
78 43.0 30.4 56.4



#57
1,1,2,2-Tetrachloroethane
Concen: 203.723 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 83 Resp: 1991
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.3
131 12.2 8.6 13.0

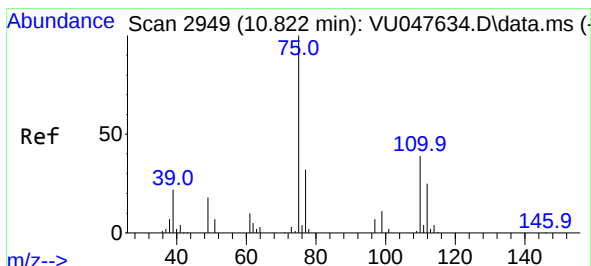
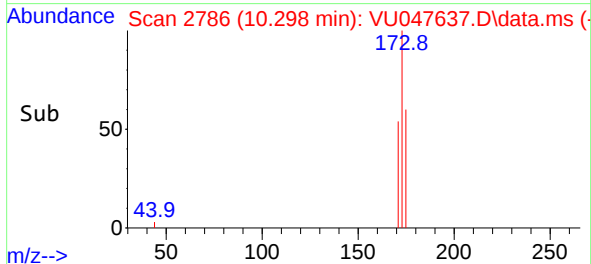
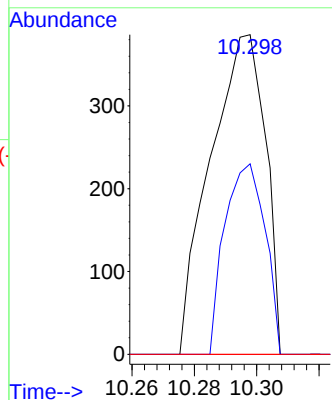
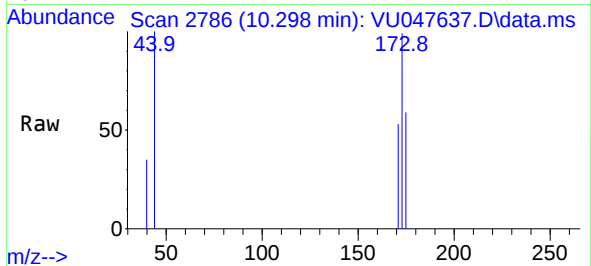




#59
Bromoform
Concen: 30.231 ug/L
RT: 10.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

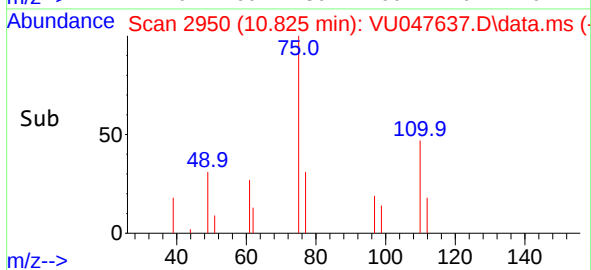
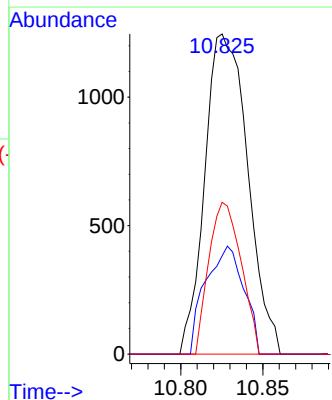
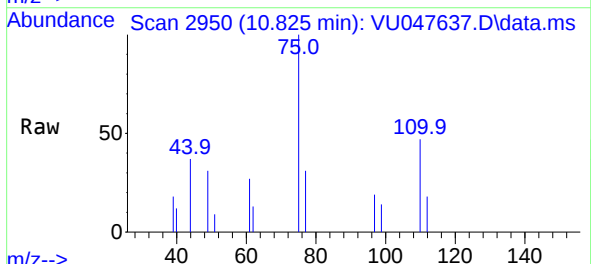
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

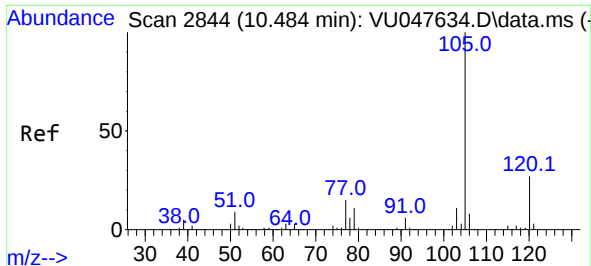
Tgt Ion:173 Resp: 472
Ion Ratio Lower Upper
173 100
175 43.6 38.7 58.1
254 0.0 9.6 14.4#



#60
1,2,3-Trichloropropane
Concen: 98.271 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion: 75 Resp: 2262
Ion Ratio Lower Upper
75 100
77 30.1 26.0 39.0
110 35.6 31.4 47.2

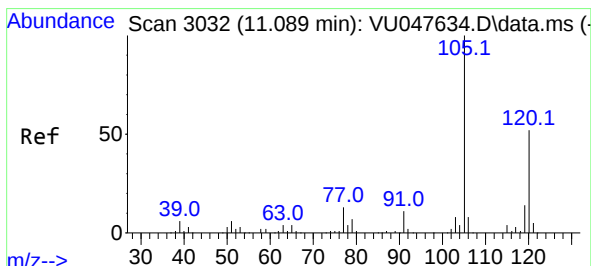
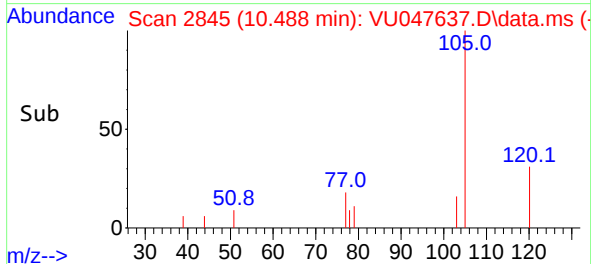
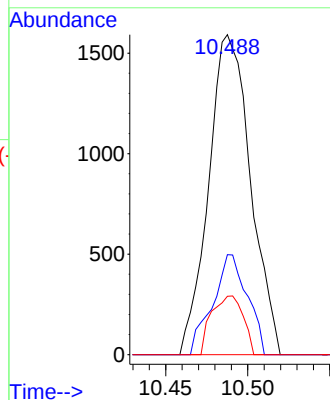
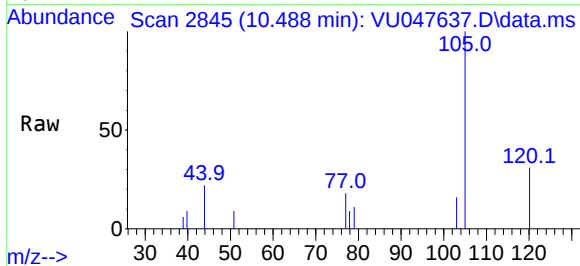




#61
Isopropylbenzene
Concen: 42.841 ug/L
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

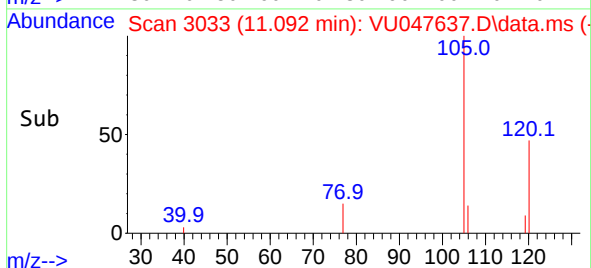
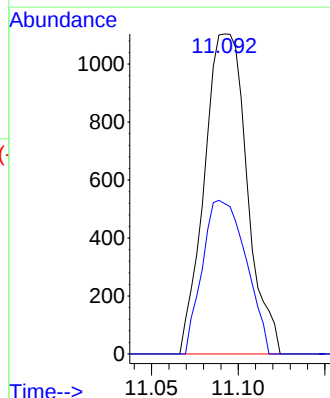
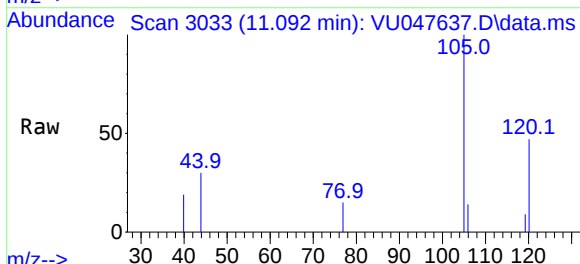
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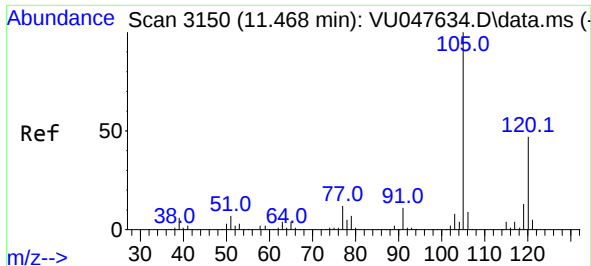
Tgt Ion:	105	Resp:	2827
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.9	32.9
77	13.8	12.1	18.1



#62
1,3,5-Trimethylbenzene
Concen: 52.871 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:	105	Resp:	1893
Ion	Ratio	Lower	Upper
105	100		
120	48.9	40.8	61.2

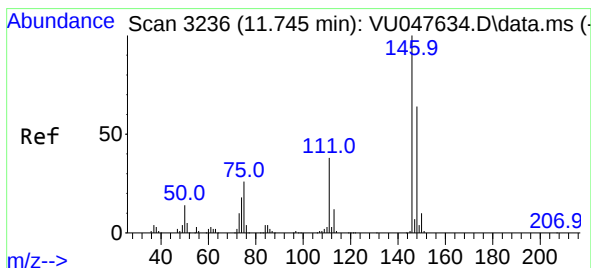
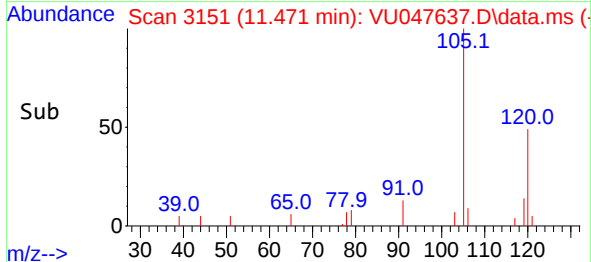
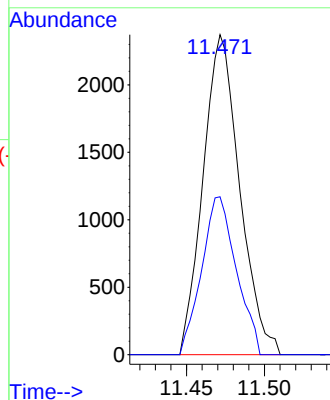
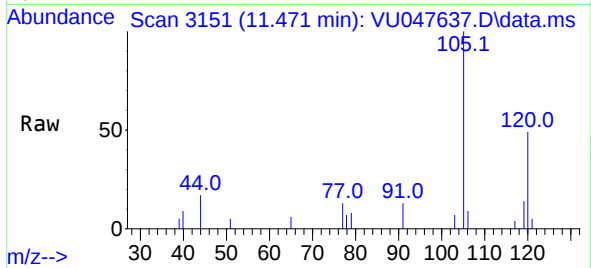




#63
1,2,4-Trimethylbenzene
Concen: 71.232 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

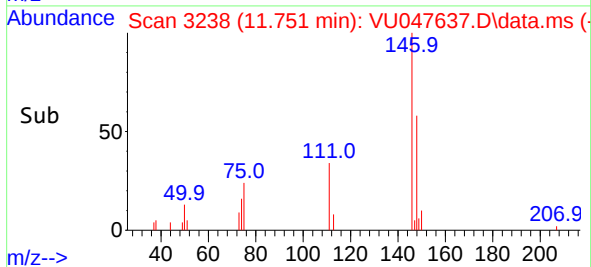
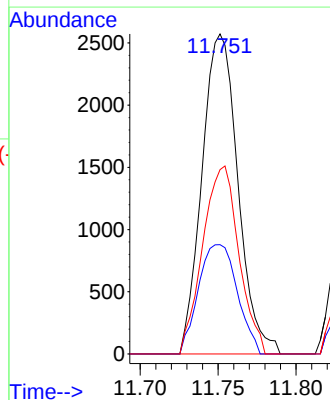
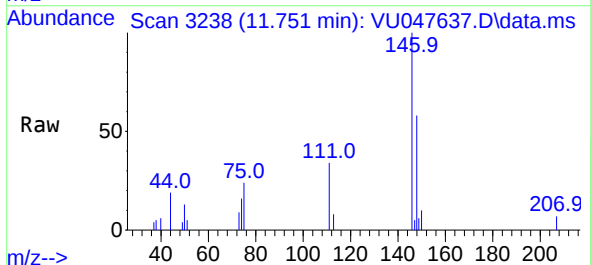
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

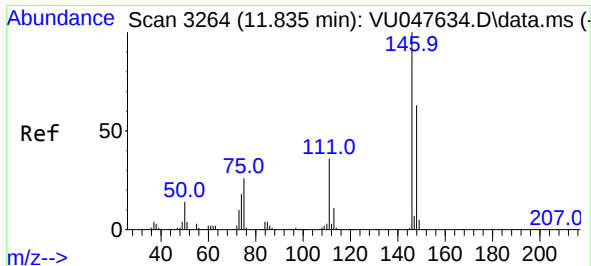
Tgt Ion:105 Resp: 3874
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4



#64
1,3-Dichlorobenzene
Concen: 112.356 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:146 Resp: 4121
Ion Ratio Lower Upper
146 100
111 34.2 26.7 49.7
148 63.8 44.4 82.5

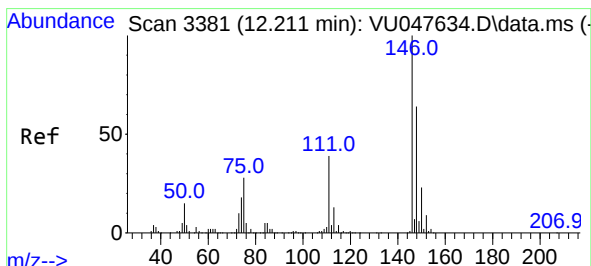
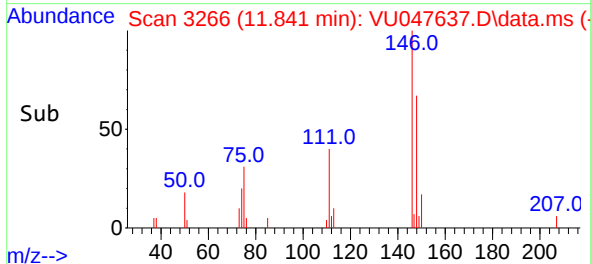
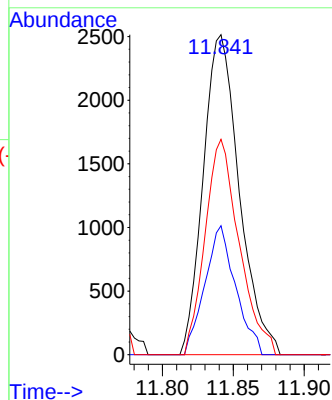
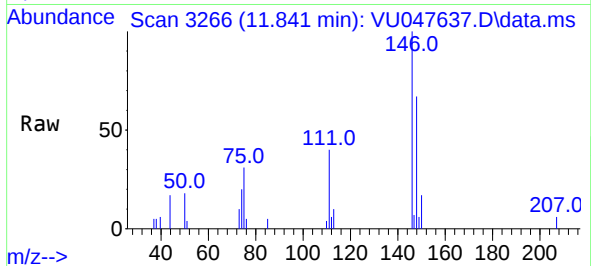




#65
1,4-Dichlorobenzene
Concen: 117.265 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

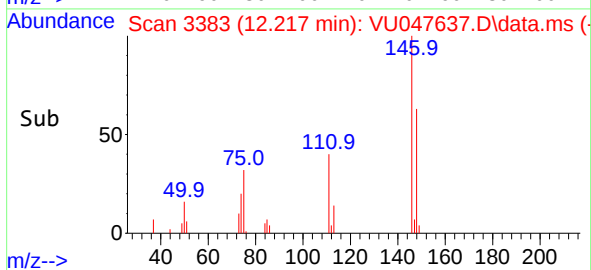
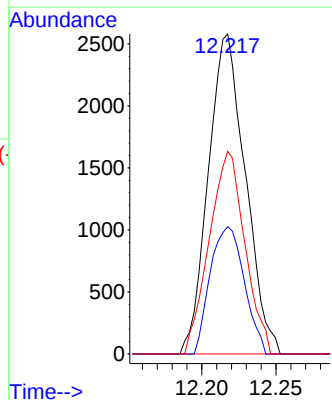
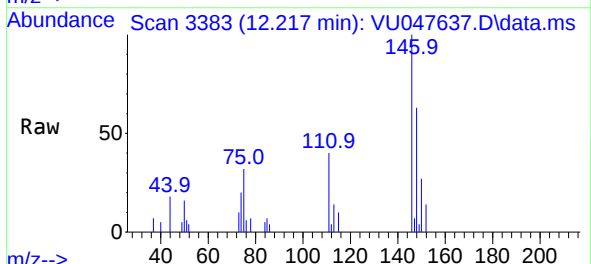
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

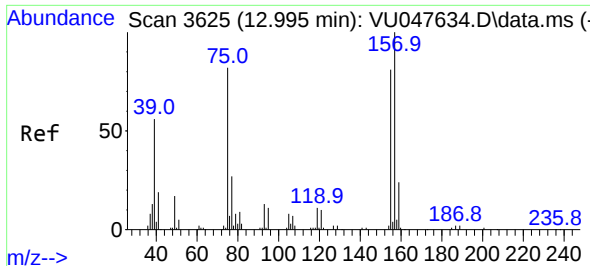
Tgt Ion:146 Resp: 4455
Ion Ratio Lower Upper
146 100
111 37.5 25.3 47.1
148 62.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 121.963 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:146 Resp: 4476
Ion Ratio Lower Upper
146 100
111 39.8 31.7 47.5
148 63.4 51.4 77.2

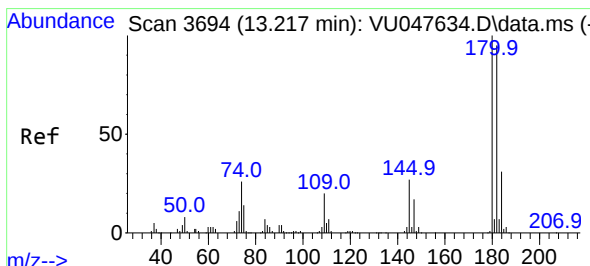
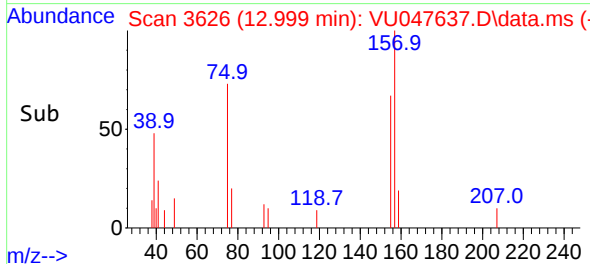
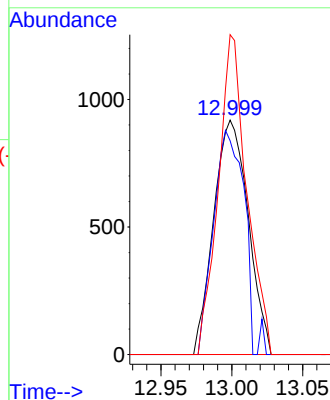
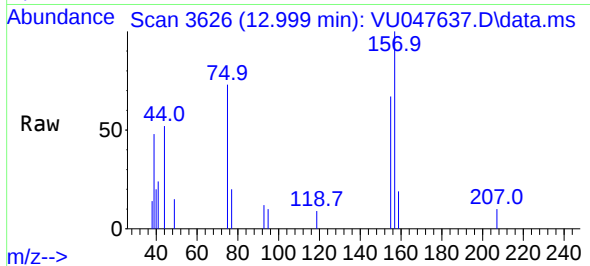




#68
1,2-Dibromo-3-chloropropane
Concen: 211.850 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

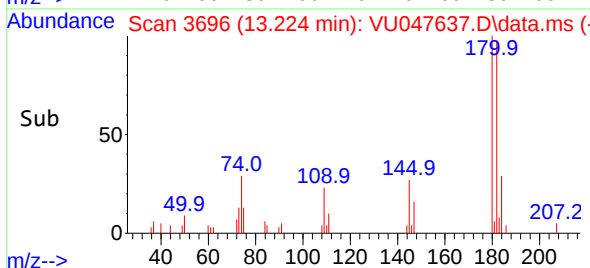
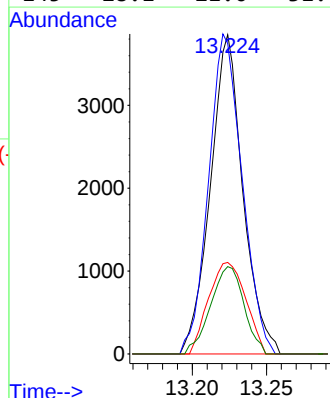
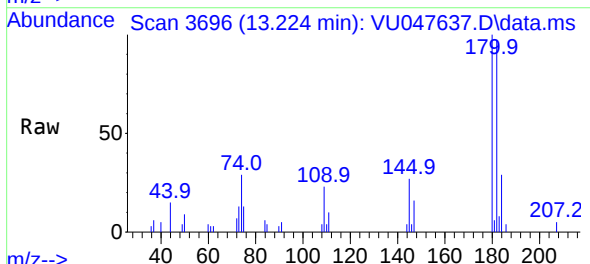
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

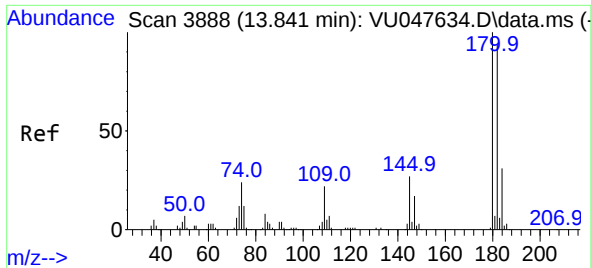
Tgt Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
155 91.2 78.9 118.3
157 136.5 97.5 146.3



#69
1,3,5-Trichlorobenzene
Concen: 197.059 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.006 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:180 Resp: 5870
Ion Ratio Lower Upper
180 100
182 103.1 77.0 115.6
184 32.7 24.5 36.7
145 28.1 21.0 31.6

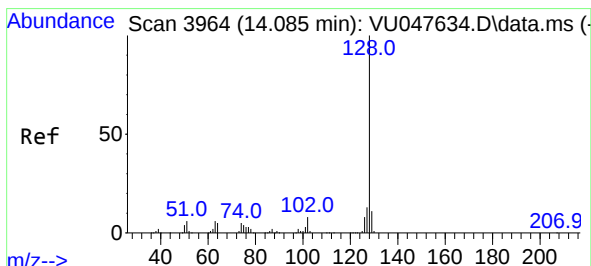
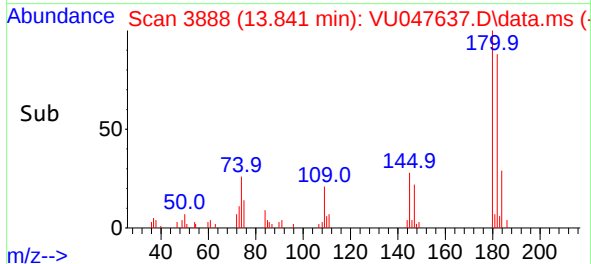
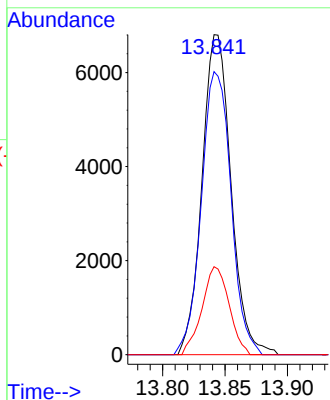
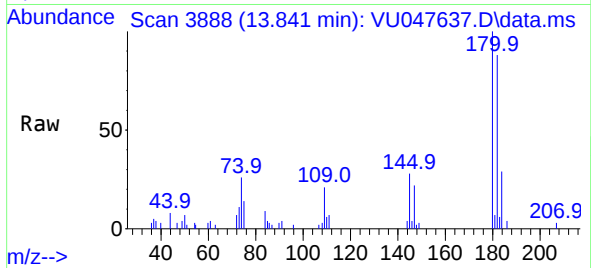




#70
1,2,4-trichlorobenzene
Concen: 423.474 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

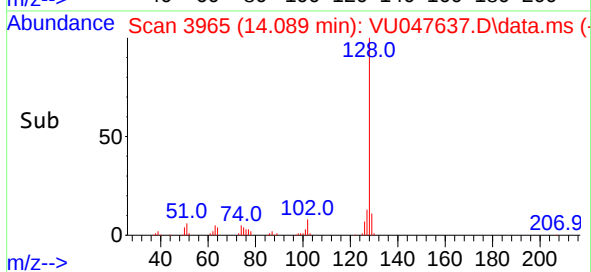
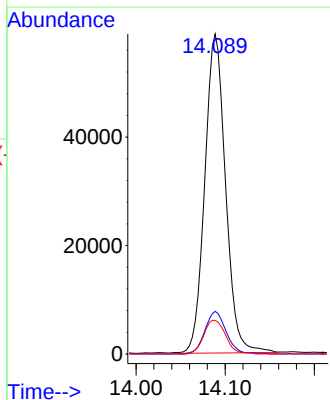
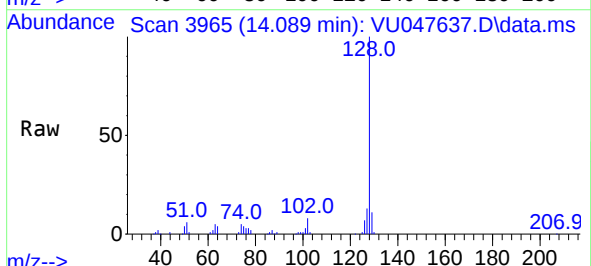
Instrument :
MSVOA_U
ClientSampleId :
VIBLK051

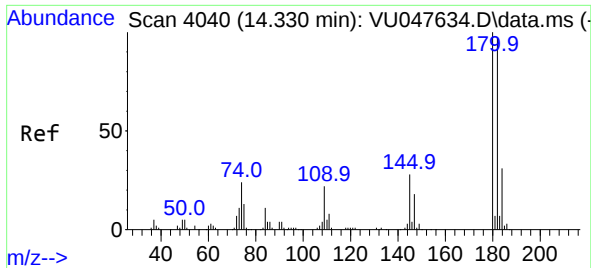
Tgt Ion:	180	Resp:	11049
Ion Ratio	Lower	Upper	
180	100		
182	90.4	76.2	114.2
145	25.6	21.8	32.8



#71
Naphthalene
Concen: 1223.289 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047637.D
Acq: 24 Mar 2022 15:28

Tgt Ion:	128	Resp:	95158
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.2
129	11.2	8.8	13.2





#72

1,2,3-Trichlorobenzene

Concen: 544.426 ug/L

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU047637.D

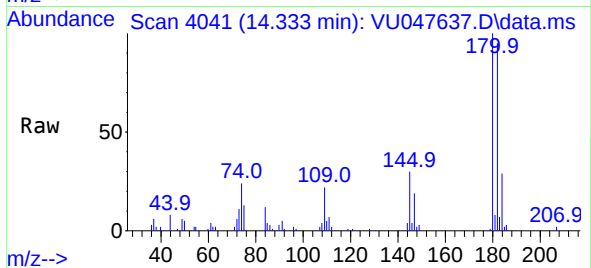
Acq: 24 Mar 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK051



Tgt Ion:180 Resp: 14240

Ion Ratio Lower Upper

180 100

182 93.0 77.4 116.0

145 28.8 22.8 34.2

