

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052644.D
 Acq On : 10 Jan 2023 14:59
 Operator : JC/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	164515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	89791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	148570	9.021	ug/L	0.00
7) Chloroethane-d5	1.916	69	122280	8.676	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	66926	9.399	ug/L	0.00
20) 2-Butanone-d5	4.642	46	429867	85.229	ug/L	0.00
24) Chloroform-d	5.060	84	278375	9.782	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	141515	8.707	ug/L	0.00
32) Benzene-d6	5.723	84	557712	9.939	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	181420	9.473	ug/L	0.00
41) Toluene-d8	7.893	98	501723	10.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	69480	10.425	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	323482	92.853	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	136713	8.535	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	167334	9.186	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	178104	11.687	ug/L	99
3) Chloromethane	1.520	50	204439	9.586	ug/L	98
5) Vinyl chloride	1.604	62	200611	10.405	ug/L	100
6) Bromomethane	1.858	94	108449	9.895	ug/L	95
8) Chloroethane	1.935	64	122650	9.343	ug/L	98
9) Trichlorofluoromethane	2.141	101	244428	10.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	143263	10.895	ug/L	100
12) 1,1-Dichloroethene	2.578	96	138480	10.953	ug/L	90
13) Acetone	2.674	43	270383	74.166	ug/L	58
14) Carbon disulfide	2.793	76	491662	11.820	ug/L	99
15) Methyl Acetate	2.961	43	68818	8.346	ug/L	96
16) Methylene chloride	3.044	84	176783	9.756	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	337857	10.226	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	149645	11.457	ug/L	98
19) 1,1-Dichloroethane	3.867	63	298720	10.627	ug/L	99
21) 2-Butanone	4.723	43	477762	87.648	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	160750	11.250	ug/L	99
23) Bromochloromethane	4.970	128	67819	10.439	ug/L	96
25) Chloroform	5.083	83	287985	10.513	ug/L	98
27) 1,2-Dichloroethane	5.790	62	181932	9.856	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	238664	11.297	ug/L	99
30) Cyclohexane	5.385	56	283347	12.396	ug/L	100
31) Carbon tetrachloride	5.523	117	203625	11.079	ug/L	99
33) Benzene	5.771	78	666850	11.132	ug/L	100
34) Trichloroethene	6.539	95	153607	11.000	ug/L	99
35) Methylcyclohexane	6.761	83	276465	12.877	ug/L	98
37) 1,2-Dichloropropane	6.787	63	174879	10.582	ug/L	98
38) Bromodichloromethane	7.102	83	205083	10.239	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	237564	11.333	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	1113137	96.307	ug/L	99
42) Toluene	7.964	91	680353	11.784	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	203229	10.996	ug/L	99

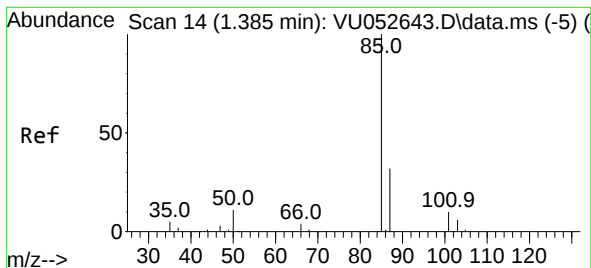
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
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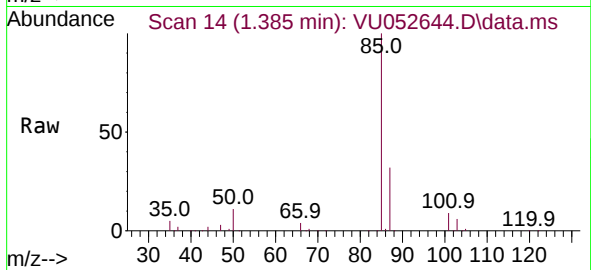
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	110380	9.667	ug/L	96
47) Tetrachloroethene	8.549	164	113720	11.557	ug/L	99
48) 2-Hexanone	8.681	43	811986	93.727	ug/L	99
49) Dibromochloromethane	8.806	129	128552	10.379	ug/L	97
50) 1,2-Dibromoethane	8.919	107	103248	9.888	ug/L	99
51) Chlorobenzene	9.443	112	407026	11.148	ug/L	98
52) Ethylbenzene	9.565	91	721874	12.110	ug/L	100
53) m,p-Xylene	9.690	106	282404	12.738	ug/L	99
54) o-Xylene	10.095	106	266051	12.521	ug/L	96
55) Styrene	10.108	104	466439	12.658	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	144649	9.174	ug/L	97
59) Bromoform	10.285	173	70461	9.009	ug/L	99
60) Isopropylbenzene	10.481	105	703865	11.895	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	103092	8.237	ug/L	97
62) 1,3,5-Trimethylbenzene	11.083	105	585024	12.001	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	597996	12.245	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	314484	10.781	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	316961	10.538	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	288824	10.087	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	23594	8.257	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.214	180	225613	10.579	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	186955	10.498	ug/L	98
71) Naphthalene	14.082	128	336045	9.514	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	172289	9.810	ug/L	99

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

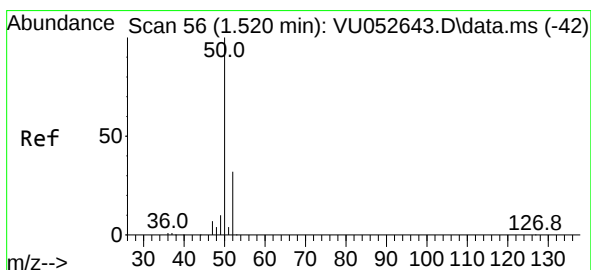
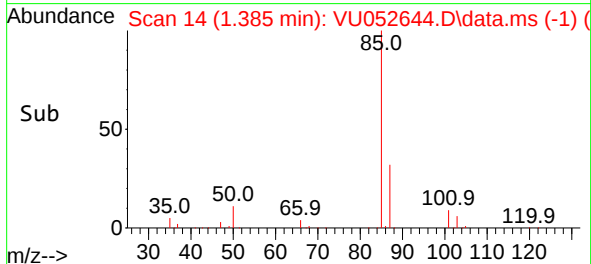
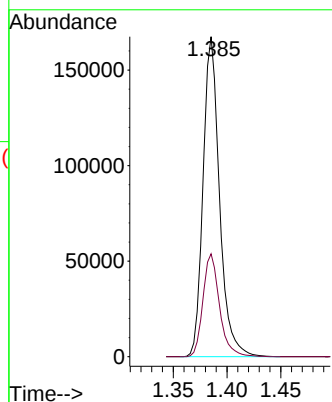


#2
Dichlorodifluoromethane
Concen: 11.687 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Instrument :
MSVOA_U
ClientSampleId :

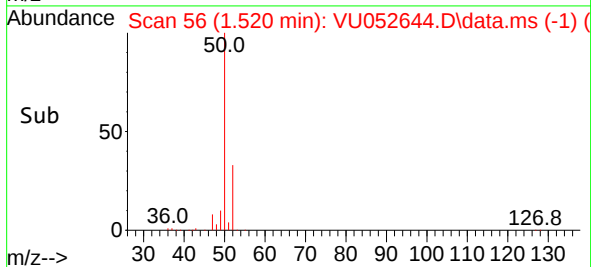
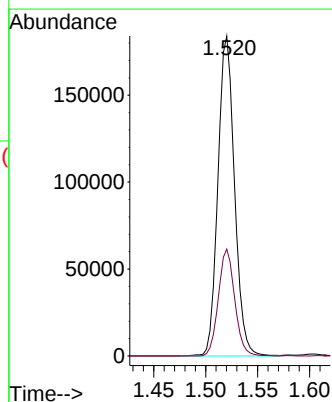
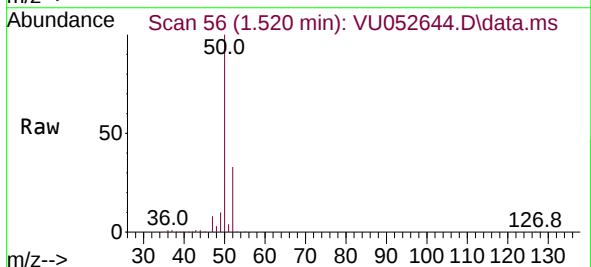


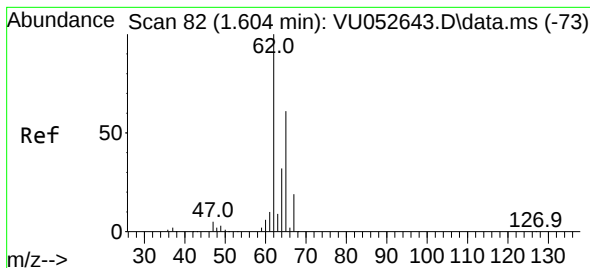
Tgt Ion: 85 Resp: 178104
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 9.586 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 50 Resp: 204439
Ion Ratio Lower Upper
50 100
52 33.4 22.7 42.3





#5

Vinyl chloride

Concen: 10.405 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

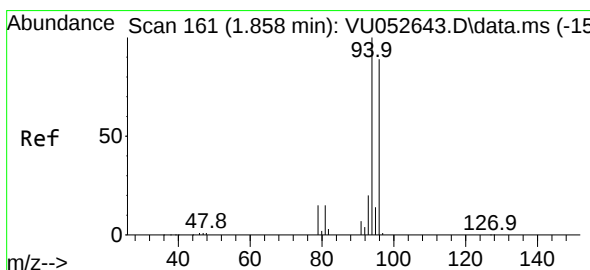
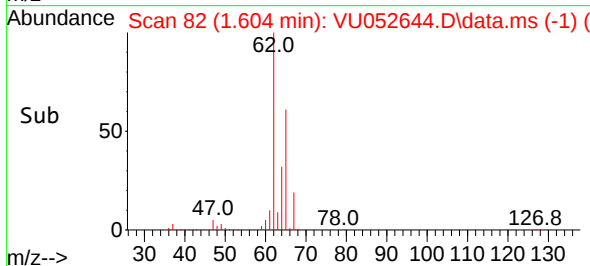
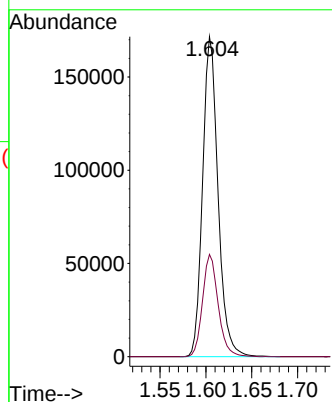
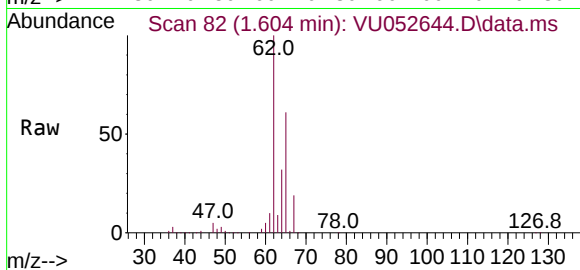
ClientSampleId :

Tgt Ion: 62 Resp: 200611

Ion Ratio Lower Upper

62 100

64 32.0 22.3 41.3



#6

Bromomethane

Concen: 9.895 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.000 min

Lab File: VU052644.D

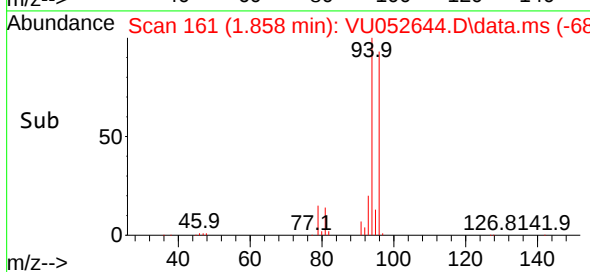
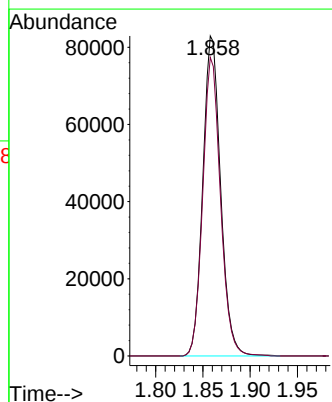
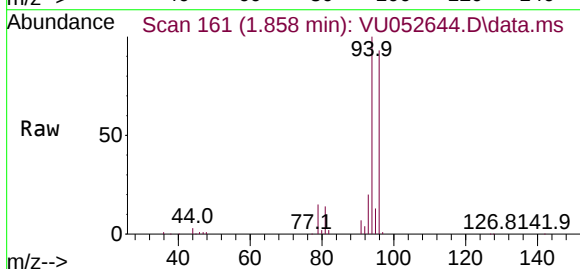
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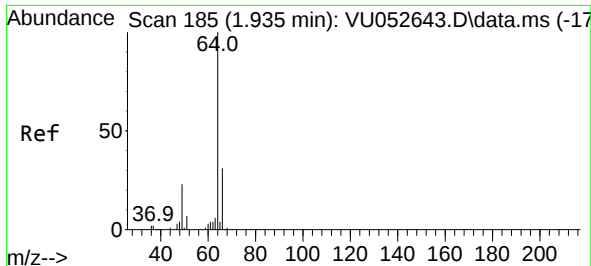
Tgt Ion: 94 Resp: 108449

Ion Ratio Lower Upper

94 100

96 93.3 62.2 115.6

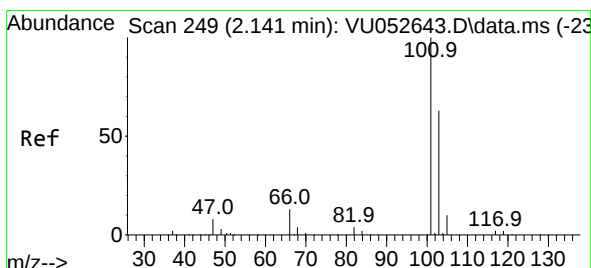
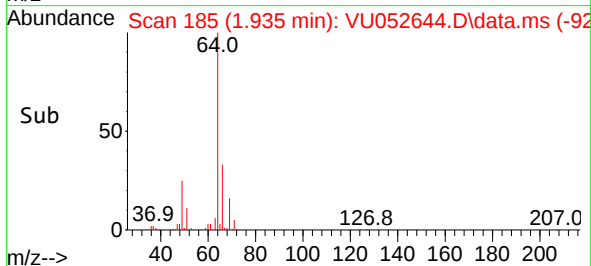
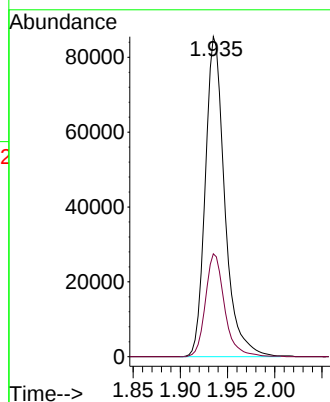
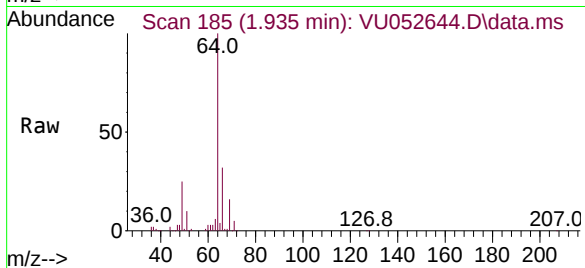




#8
Chloroethane
Concen: 9.343 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

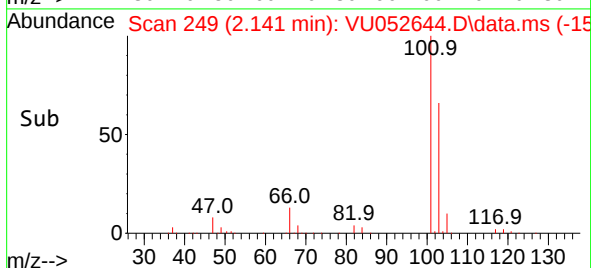
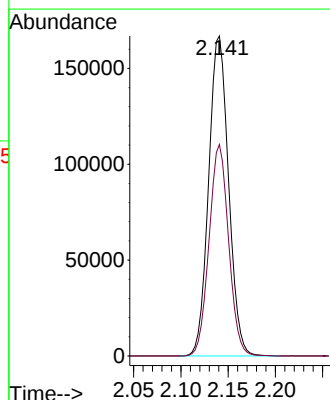
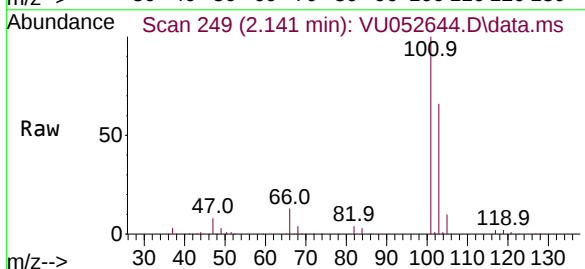
Instrument :
MSVOA_U
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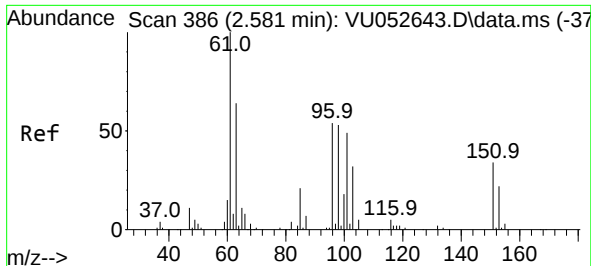
Tgt Ion: 64 Resp: 122650
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 10.951 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 101 Resp: 244428
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

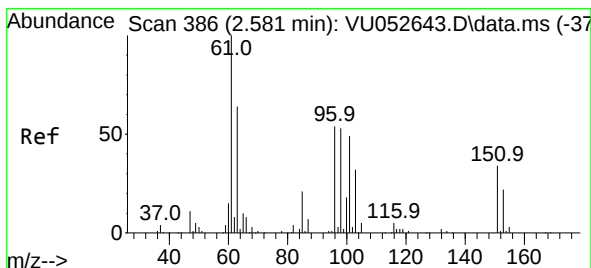
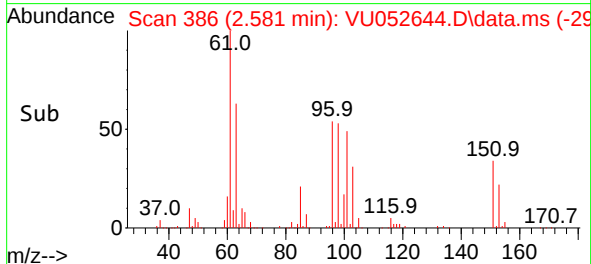
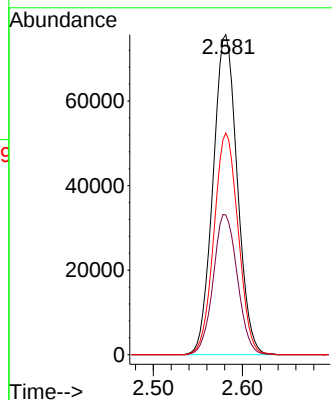
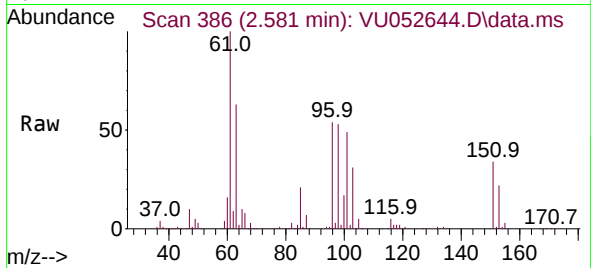




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.895 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052644.D
 Acq: 10 Jan 2023 14:59

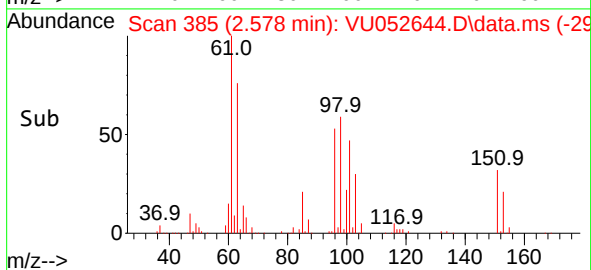
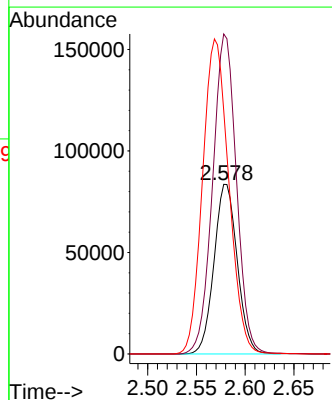
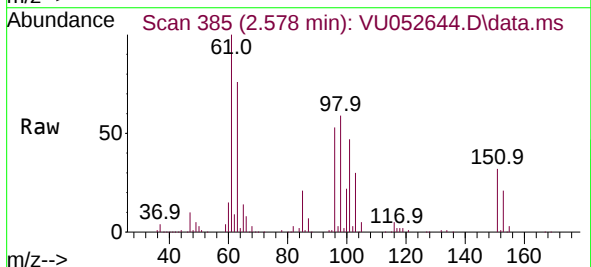
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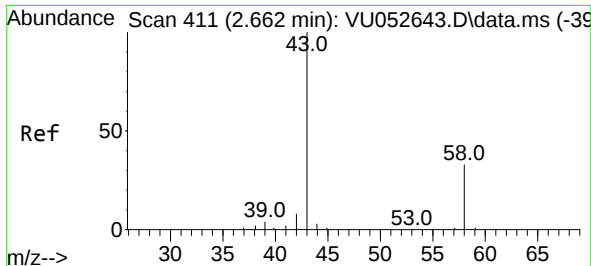
Tgt Ion:101 Resp: 143263
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.6
 151 69.2 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 10.953 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052644.D
 Acq: 10 Jan 2023 14:59

Tgt Ion: 96 Resp: 138480
 Ion Ratio Lower Upper
 96 100
 61 188.8 129.6 240.8
 63 143.7 83.7 155.5





#13

Acetone

Concen: 74.166 ug/L

RT: 2.674 min Scan# 411

Delta R.T. 0.013 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

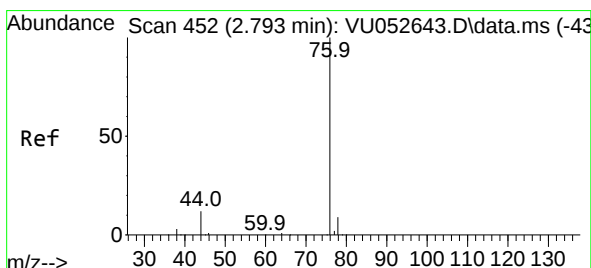
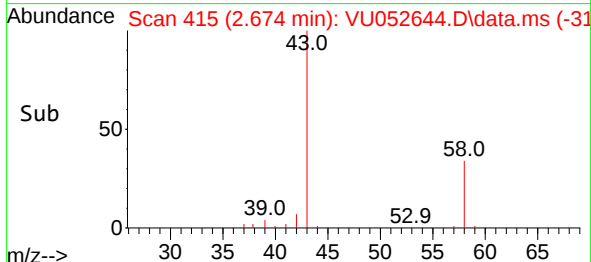
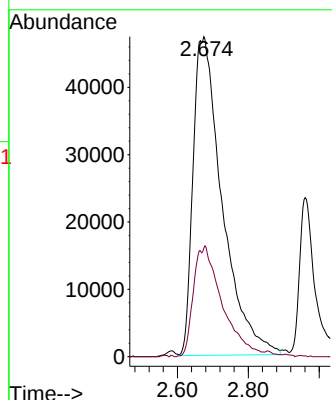
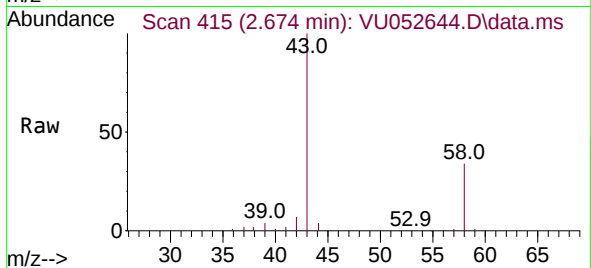
ClientSampleId :

Tgt Ion: 43 Resp: 270383

Ion Ratio Lower Upper

43 100

58 10.4 0.0 68.8



#14

Carbon disulfide

Concen: 11.820 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052644.D

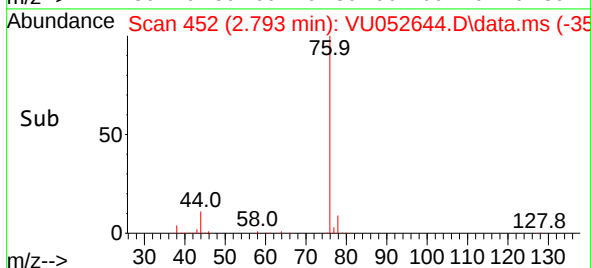
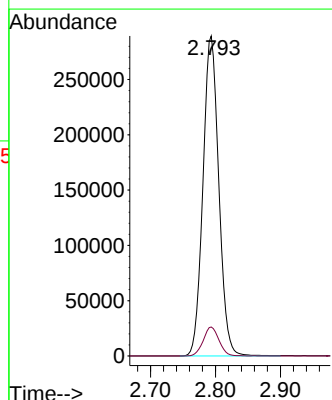
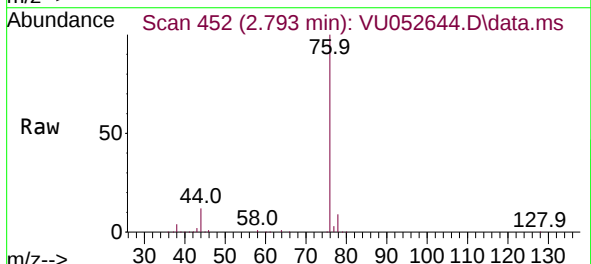
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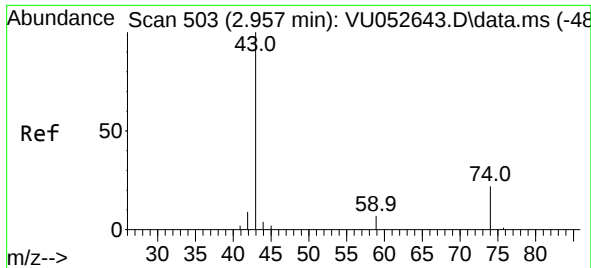
Tgt Ion: 76 Resp: 491662

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

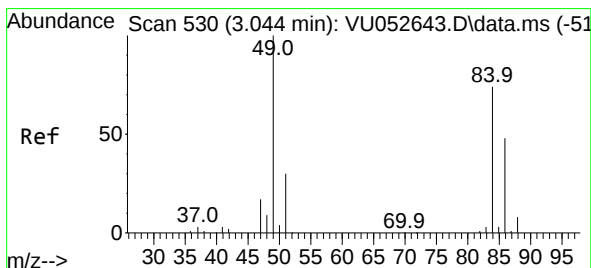
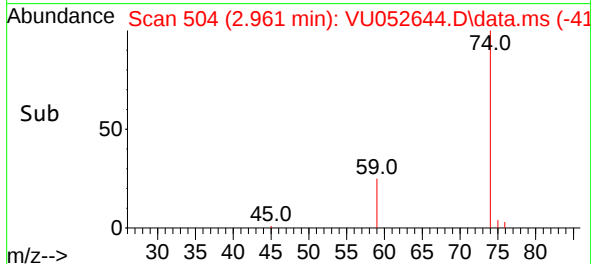
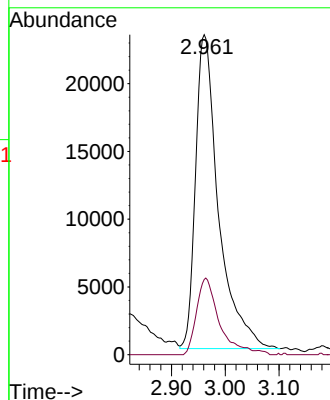
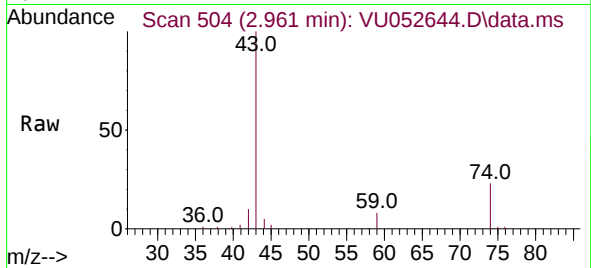




#15
Methyl Acetate
Concen: 8.346 ug/L
RT: 2.961 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

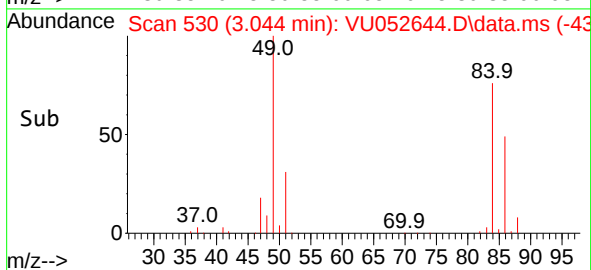
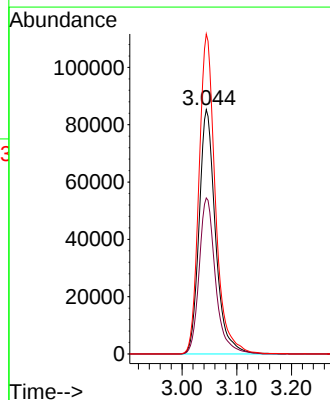
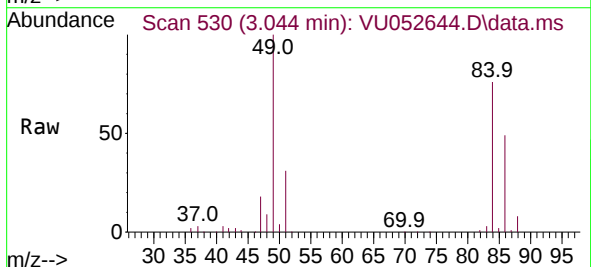
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MSVOA_U
ClientSampleId :

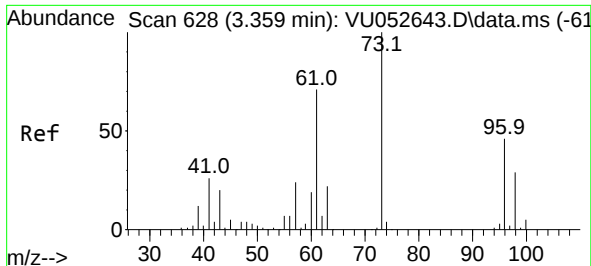
Tgt Ion: 43 Resp: 68818
Ion Ratio Lower Upper
43 100
74 23.9 17.5 26.3



#16
Methylene chloride
Concen: 9.756 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 84 Resp: 176783
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.6
49 131.0 94.8 176.0





#17

Methyl tert-butyl Ether

Concen: 10.226 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

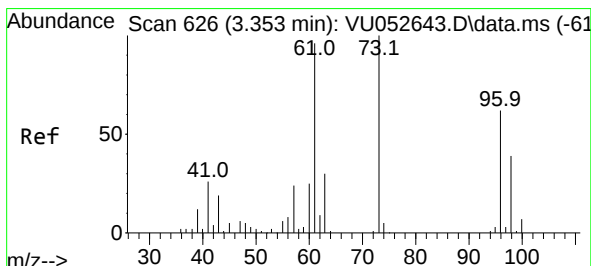
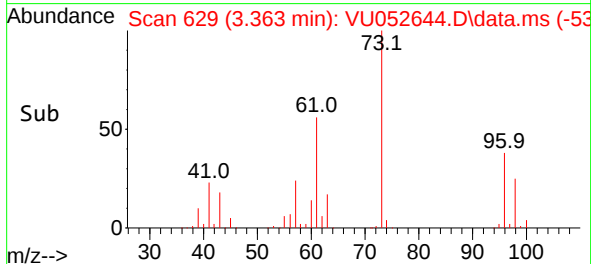
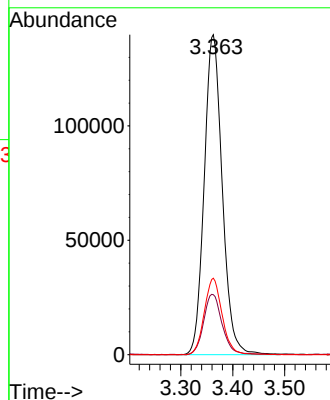
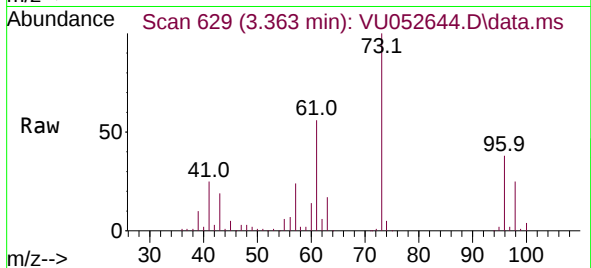
Tgt Ion: 73 Resp: 337857

Ion Ratio Lower Upper

73 100

43 19.3 15.8 23.8

57 23.5 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 11.457 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

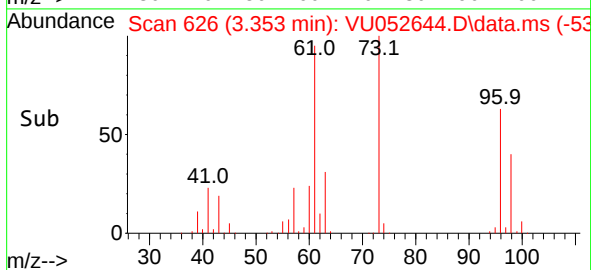
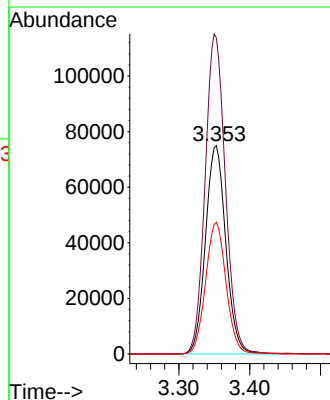
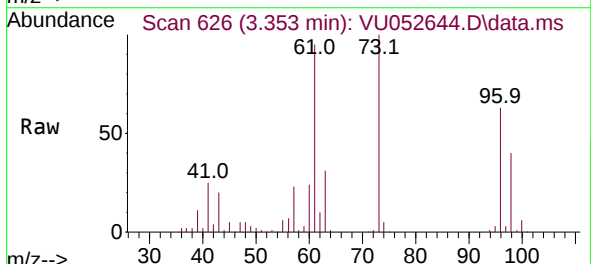
Tgt Ion: 96 Resp: 149645

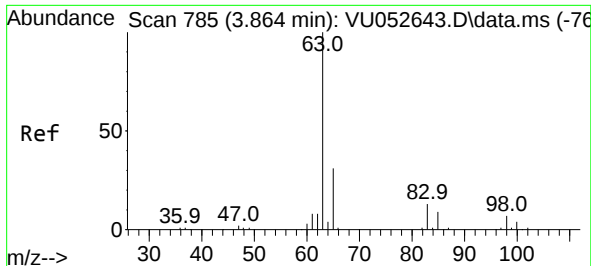
Ion Ratio Lower Upper

96 100

61 151.8 108.4 201.4

98 63.2 43.8 81.4





#19

1,1-Dichloroethane

Concen: 10.627 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

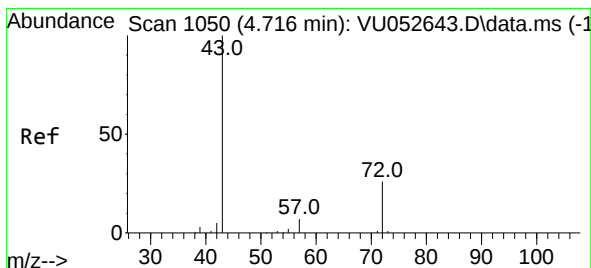
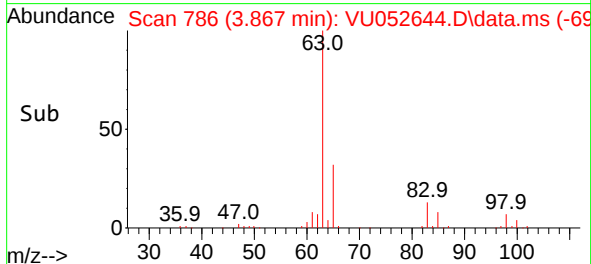
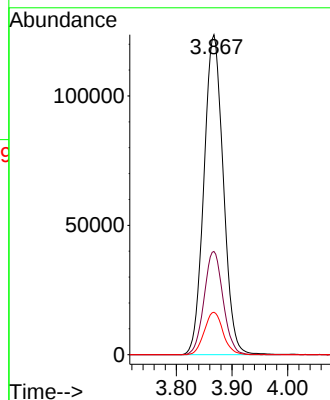
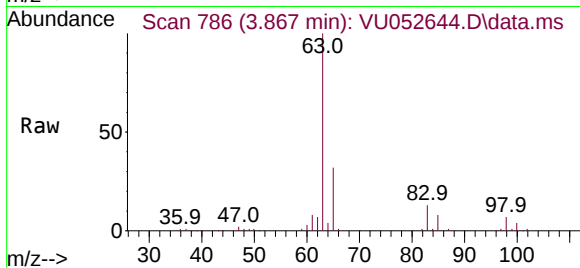
Tgt Ion: 63 Resp: 298720

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

83 13.3 8.9 16.5



#21

2-Butanone

Concen: 87.648 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VU052644.D

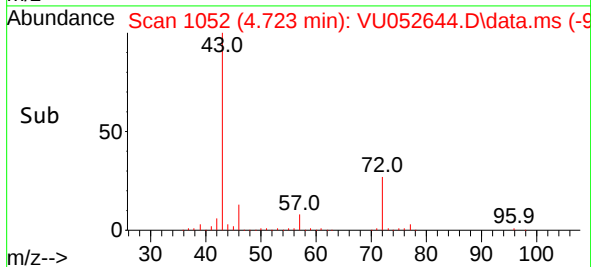
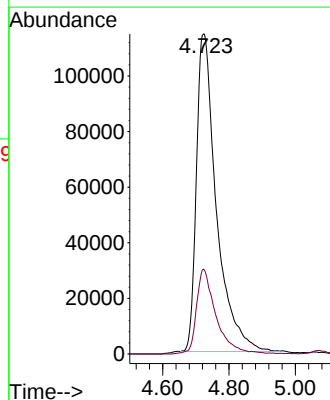
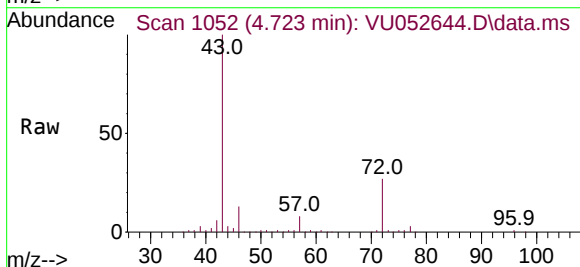
Acq: 10 Jan 2023 14:59

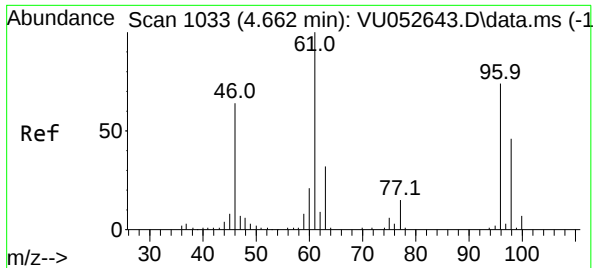
Tgt Ion: 43 Resp: 477762

Ion Ratio Lower Upper

43 100

72 25.6 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 11.250 ug/L

RT: 4.662 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

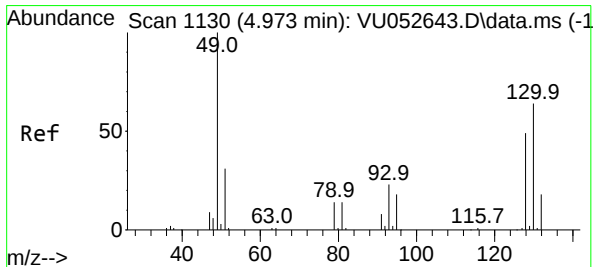
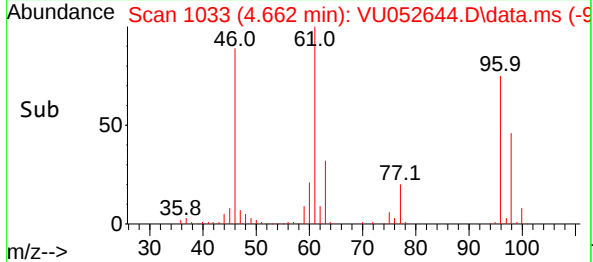
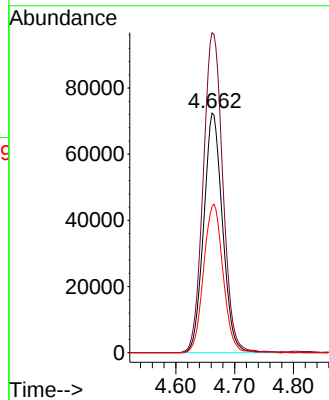
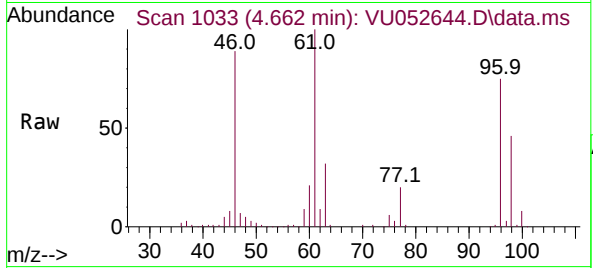
Tgt Ion: 96 Resp: 160750

Ion Ratio Lower Upper

96 100

61 133.6 94.6 175.8

98 61.0 43.3 80.3



#23

Bromochloromethane

Concen: 10.439 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Tgt Ion:128 Resp: 67819

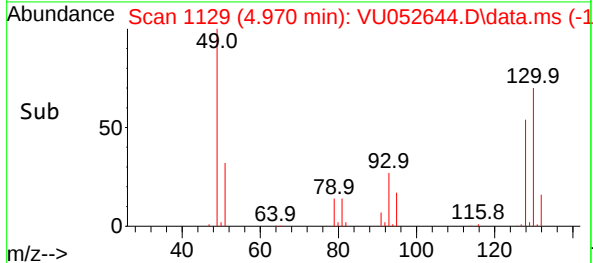
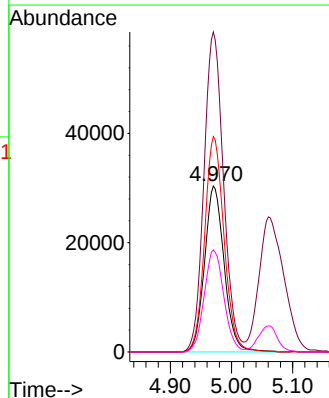
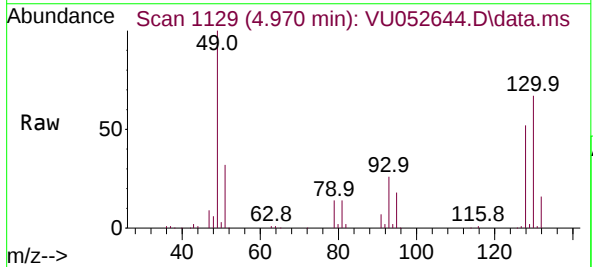
Ion Ratio Lower Upper

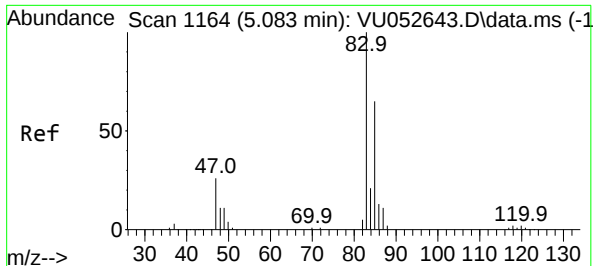
128 100

49 192.8 142.8 265.2

130 129.8 91.3 169.5

51 61.5 51.0 76.4





#25

Chloroform

Concen: 10.513 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

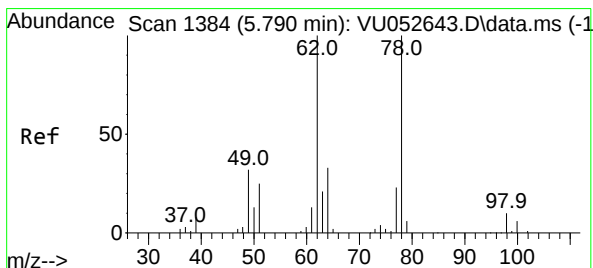
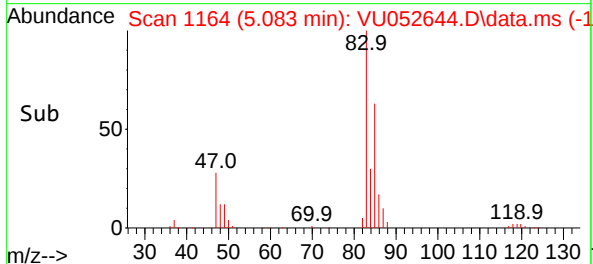
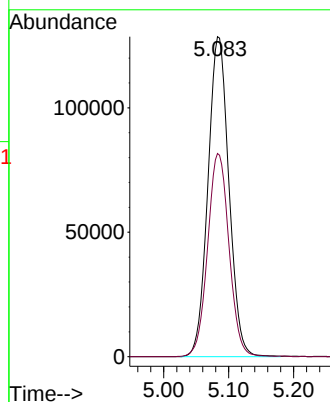
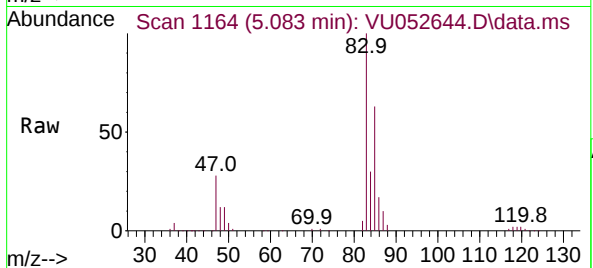
ClientSampleId :

Tgt Ion: 83 Resp: 287985

Ion Ratio Lower Upper

83 100

85 63.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 9.856 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052644.D

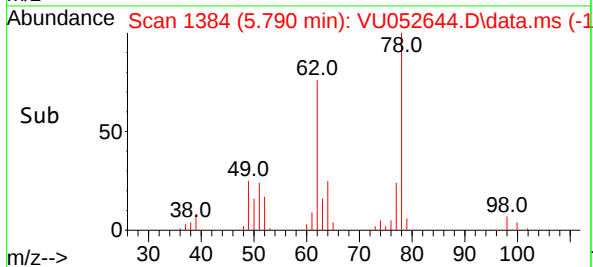
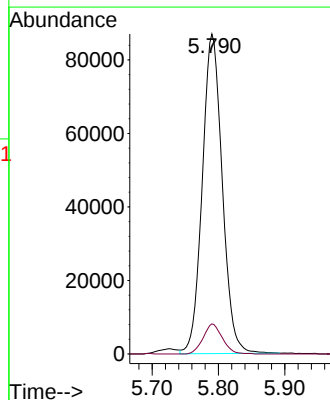
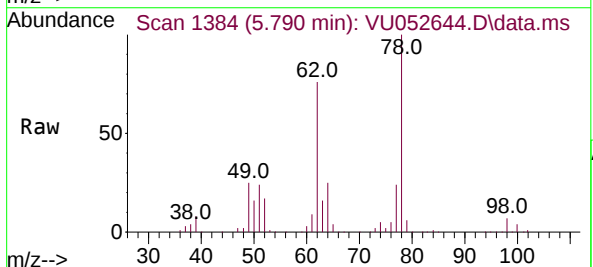
Acq: 10 Jan 2023 14:59

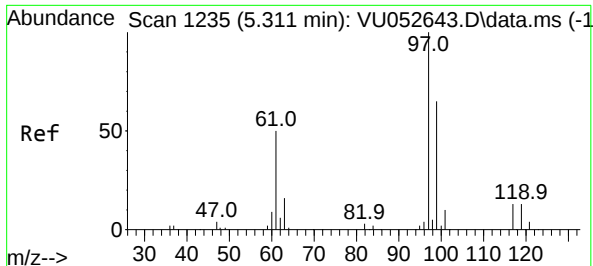
Tgt Ion: 62 Resp: 181932

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 11.297 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

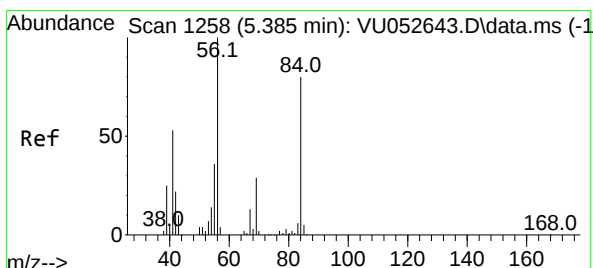
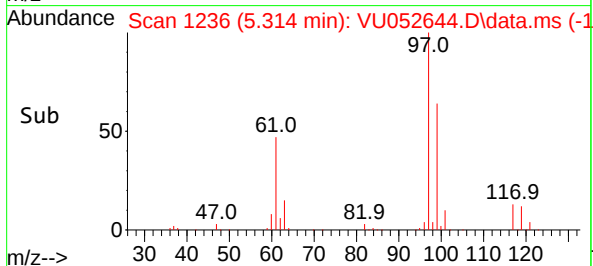
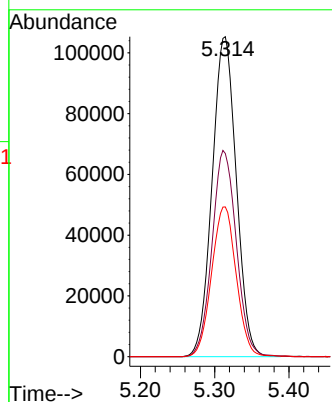
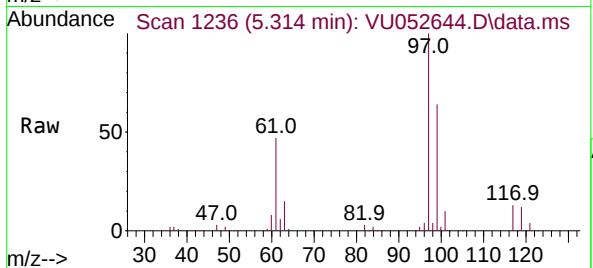
Tgt Ion: 97 Resp: 238664

Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 47.6 38.5 57.7



#30

Cyclohexane

Concen: 12.396 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

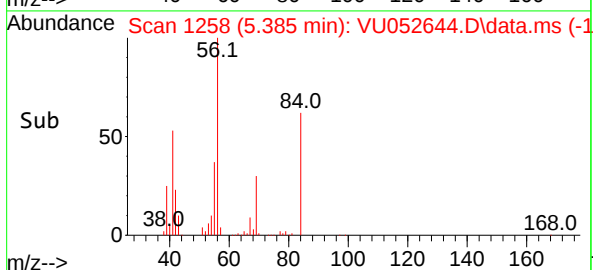
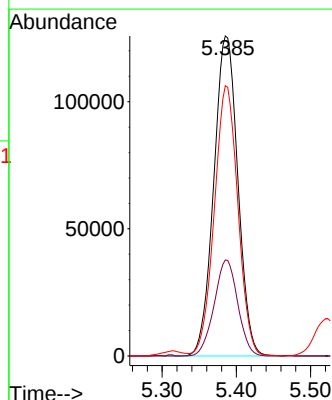
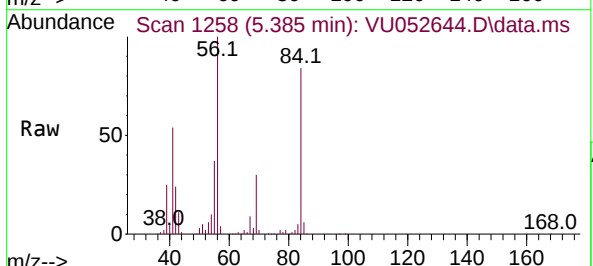
Tgt Ion: 56 Resp: 283347

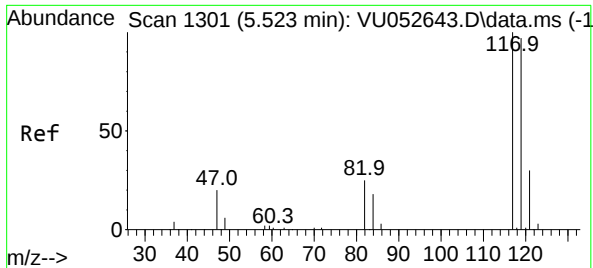
Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.8

84 82.8 66.2 99.4

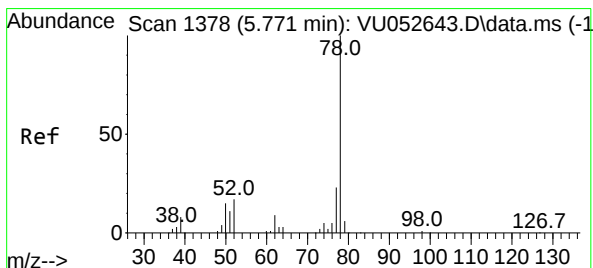
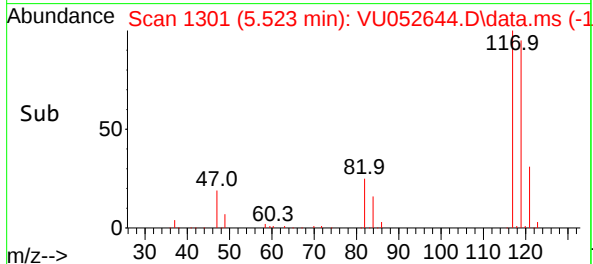
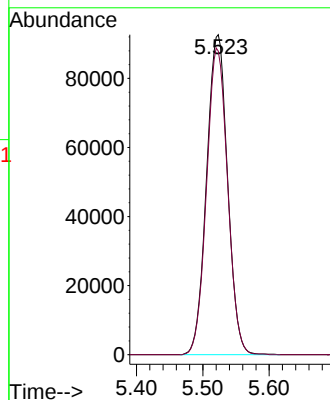
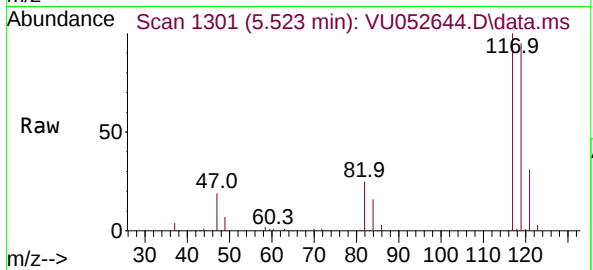




#31
Carbon tetrachloride
Concen: 11.079 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

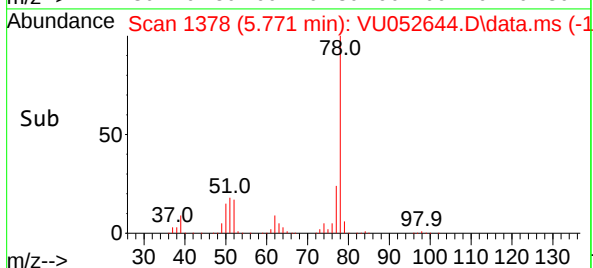
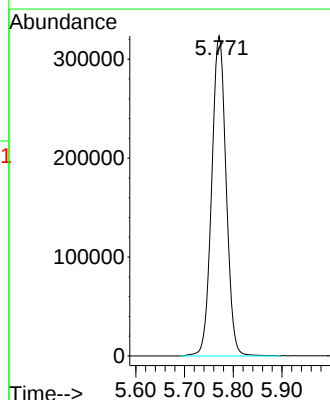
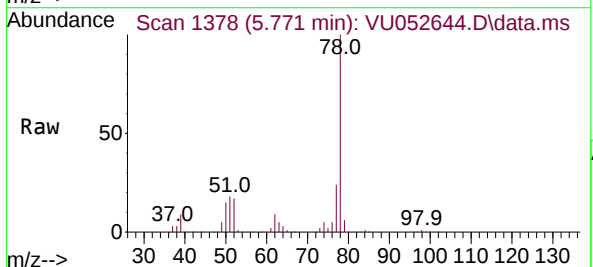
Instrument :
MSVOA_U
ClientSampleId :

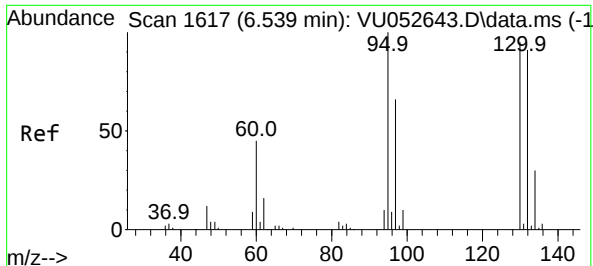
Tgt Ion:117 Resp: 203625
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 11.132 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 78 Resp: 666850

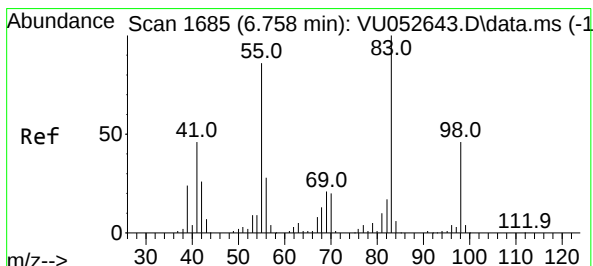
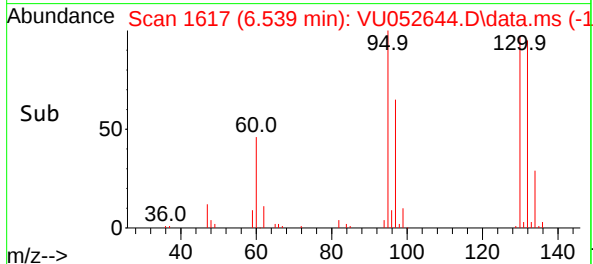
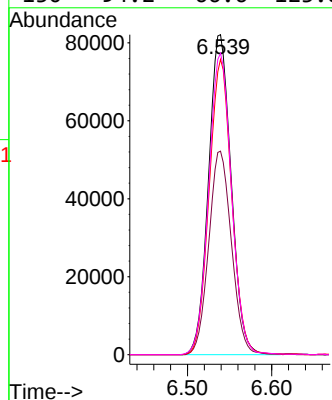
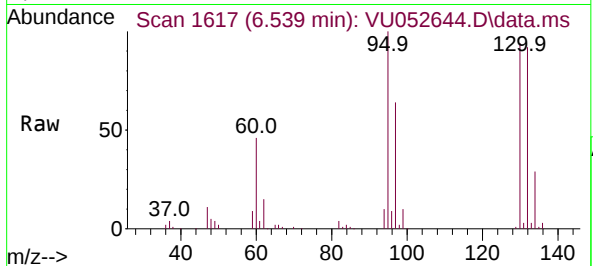




#34
Trichloroethene
Concen: 11.000 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

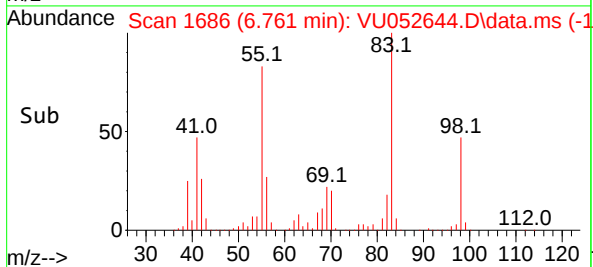
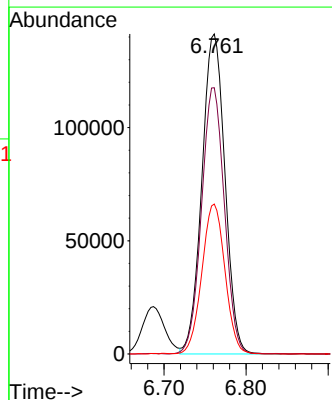
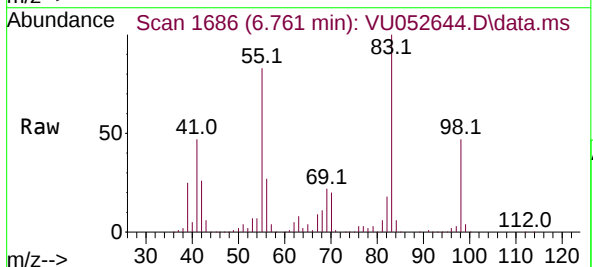
Instrument :
MSVOA_U
ClientSampleId :

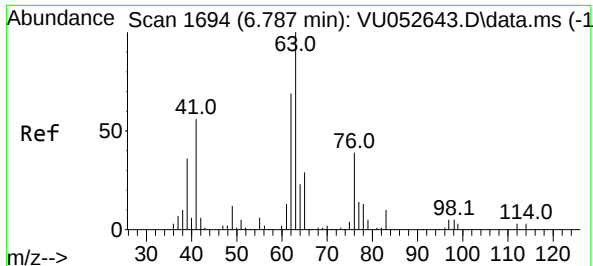
Tgt Ion: 95 Resp: 153607
Ion Ratio Lower Upper
95 100
97 63.6 46.0 85.4
132 92.3 64.0 118.8
130 94.2 66.6 123.8



#35
Methylcyclohexane
Concen: 12.877 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 83 Resp: 276465
Ion Ratio Lower Upper
83 100
55 82.5 67.6 101.4
98 46.9 37.1 55.7

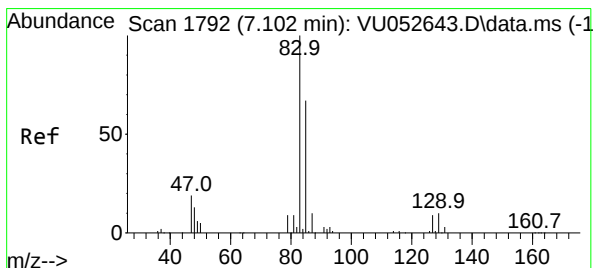
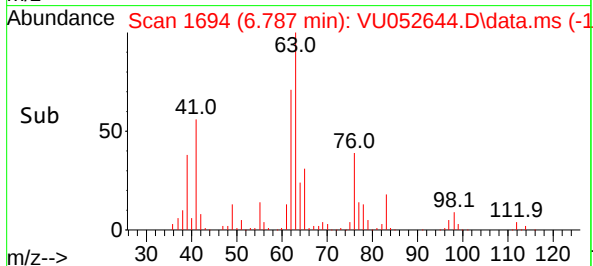
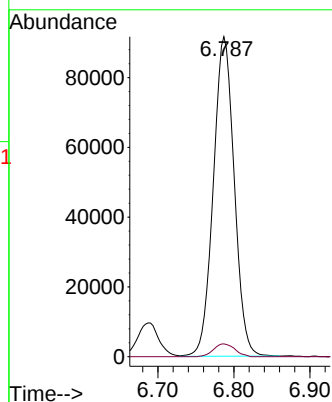
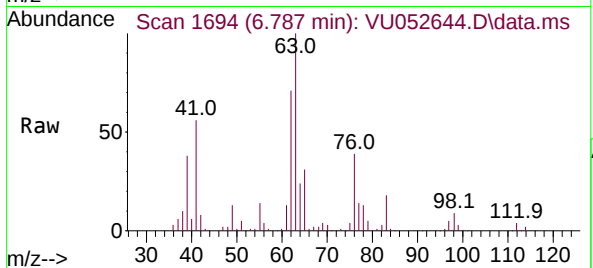




#37
1,2-Dichloropropane
Concen: 10.582 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

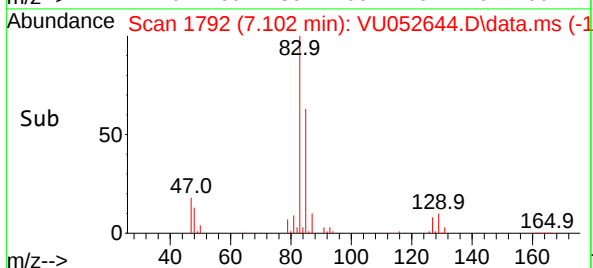
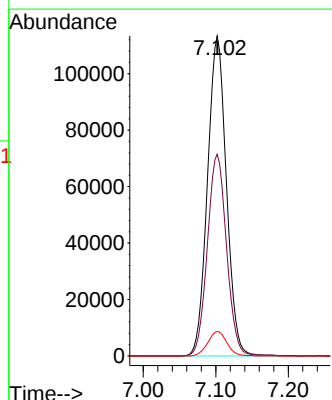
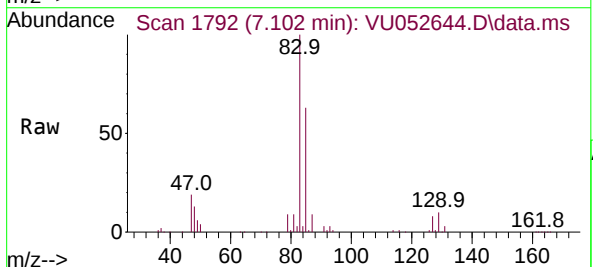
Instrument :
MSVOA_U
ClientSampleId :

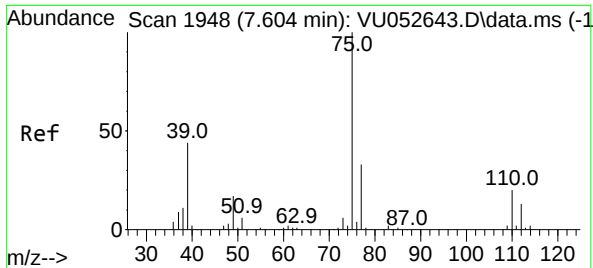
Tgt Ion: 63 Resp: 174879
Ion Ratio Lower Upper
63 100
112 4.1 2.9 4.3



#38
Bromodichloromethane
Concen: 10.239 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 83 Resp: 205083
Ion Ratio Lower Upper
83 100
85 63.0 47.0 87.4
127 7.7 6.9 10.3

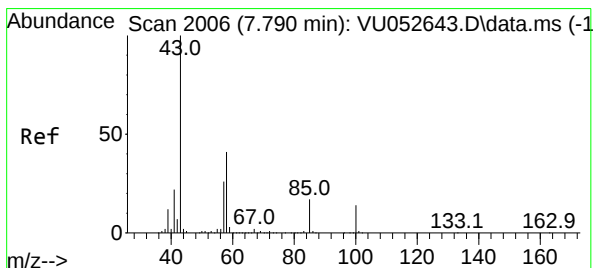
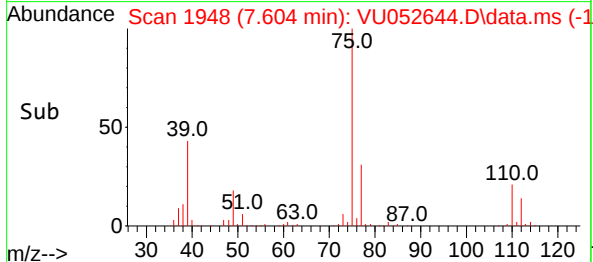
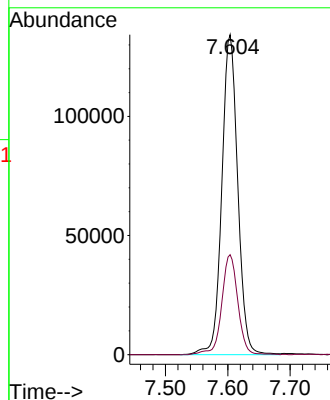
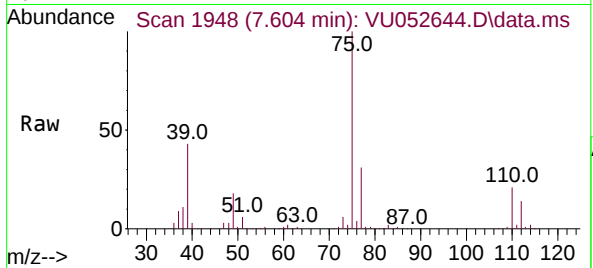




#39
 cis-1,3-Dichloropropene
 Concen: 11.333 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052644.D
 Acq: 10 Jan 2023 14:59

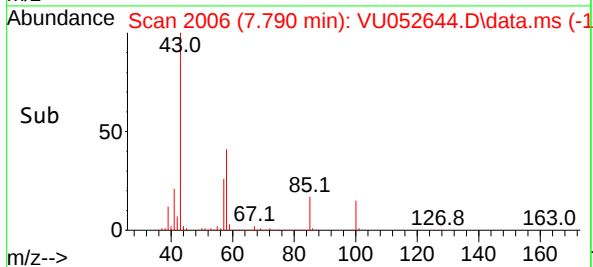
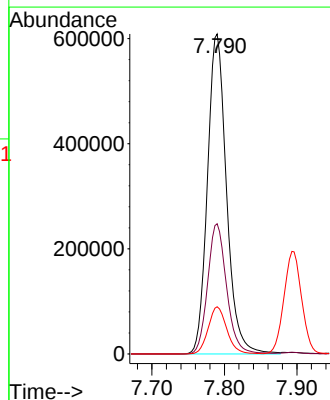
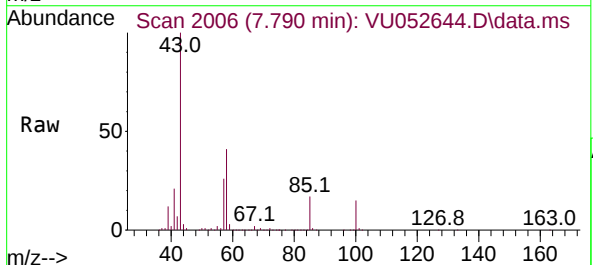
Instrument :
 MSVOA_U
 ClientSampleId :

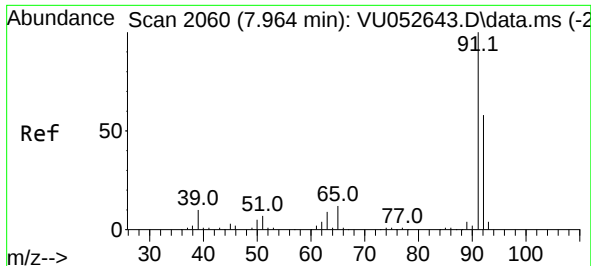
Tgt Ion: 75 Resp: 237564
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 96.307 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VU052644.D
 Acq: 10 Jan 2023 14:59

Tgt Ion: 43 Resp: 1113137
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.0 48.0
 100 14.4 11.3 16.9

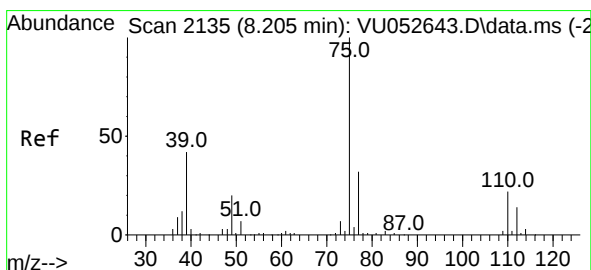
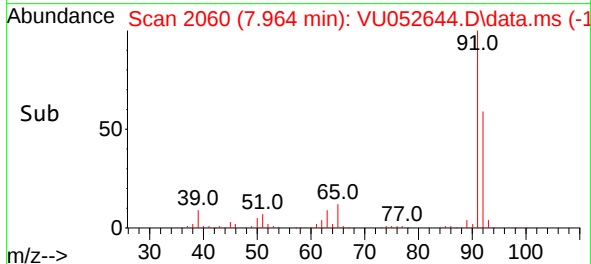
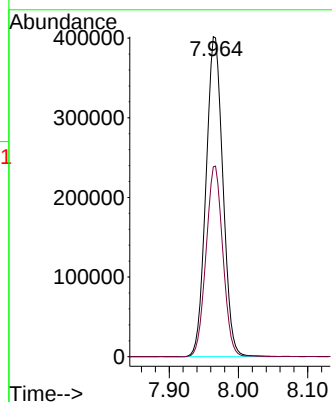
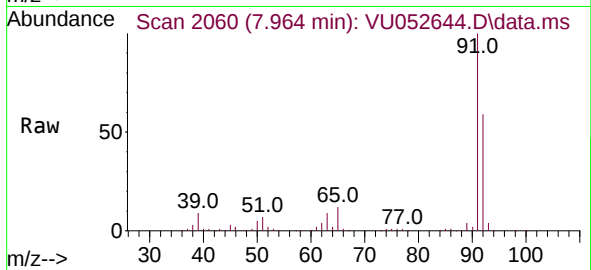




#42
Toluene
Concen: 11.784 ug/L
RT: 7.964 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

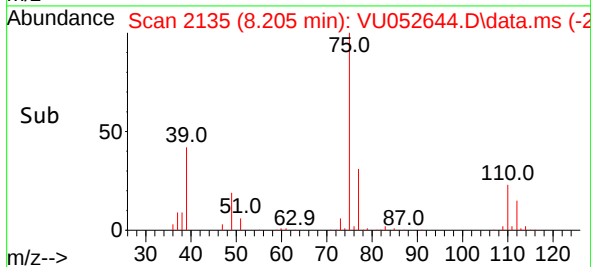
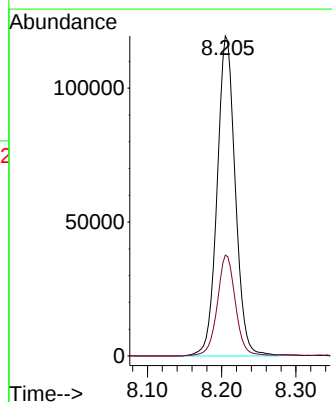
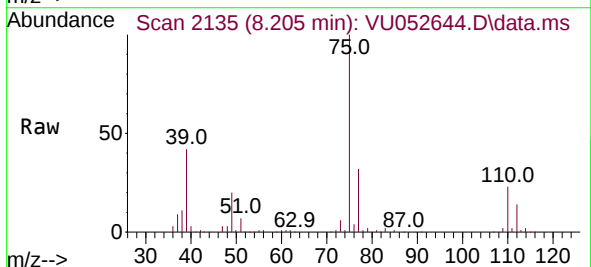
Instrument :
MSVOA_U
ClientSampleId :

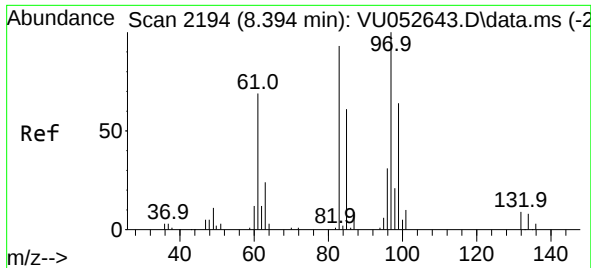
Tgt Ion: 91 Resp: 680353
Ion Ratio Lower Upper
91 100
92 59.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 10.996 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

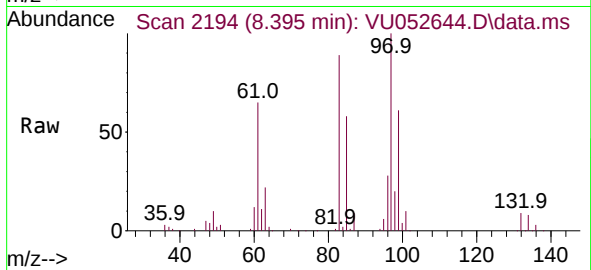
Tgt Ion: 75 Resp: 203229
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5



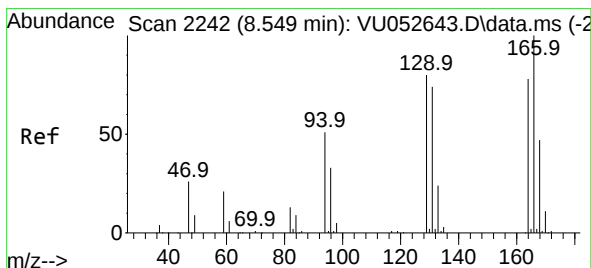
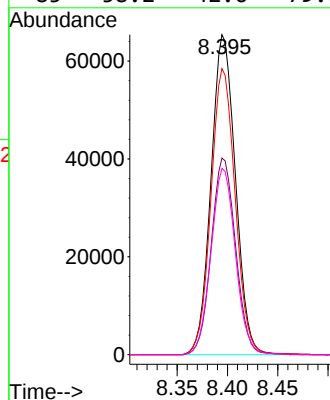
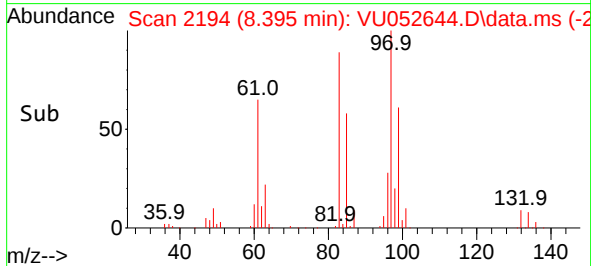


#45
1,1,2-Trichloroethane
Concen: 9.667 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

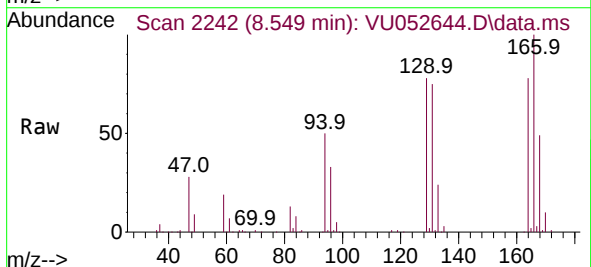
Instrument :
MSVOA_U
ClientSampleId :



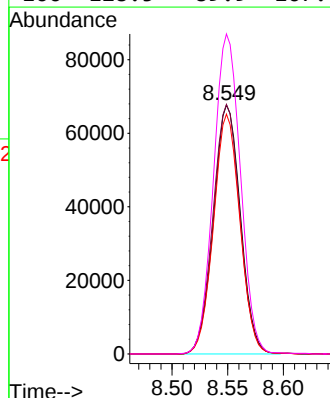
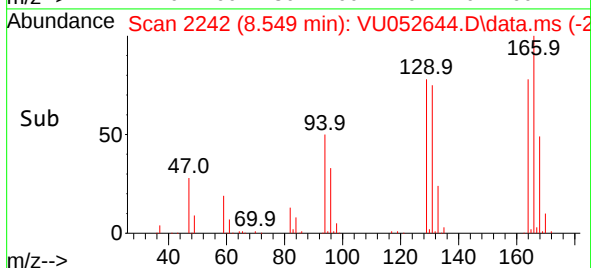
Tgt Ion: 97 Resp: 110380
Ion Ratio Lower Upper
97 100
99 61.5 44.8 83.2
83 89.4 65.3 121.3
85 58.2 42.6 79.0

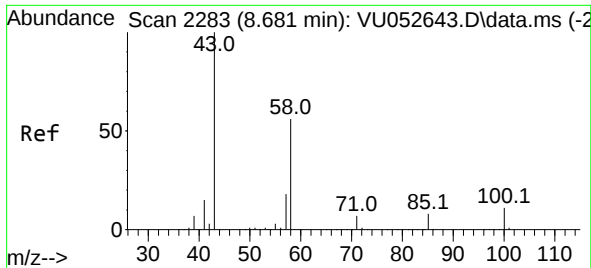


#47
Tetrachloroethene
Concen: 11.557 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59



Tgt Ion: 164 Resp: 113720
Ion Ratio Lower Upper
164 100
129 100.2 71.8 133.4
131 96.3 66.6 123.6
166 128.5 89.9 167.0

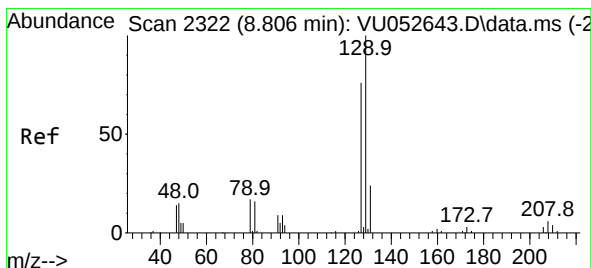
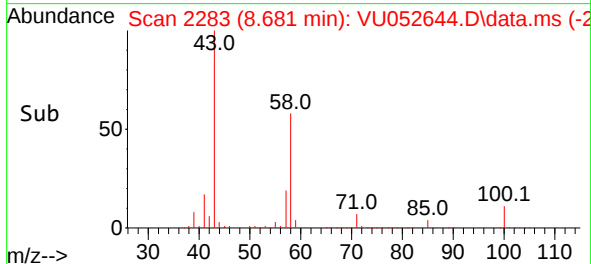
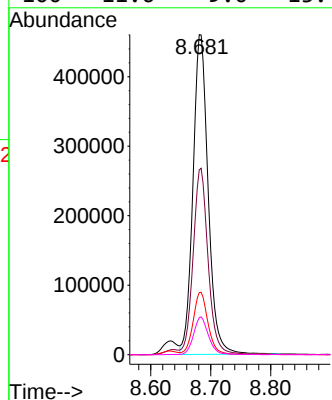
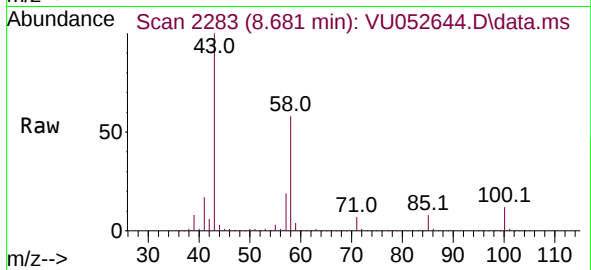




#48
2-Hexanone
Concen: 93.727 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

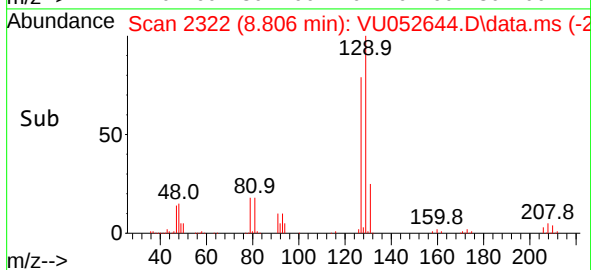
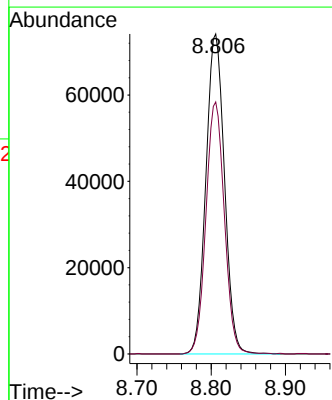
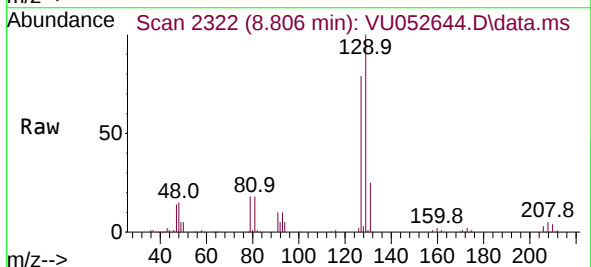
Instrument :
MSVOA_U
ClientSampleId :

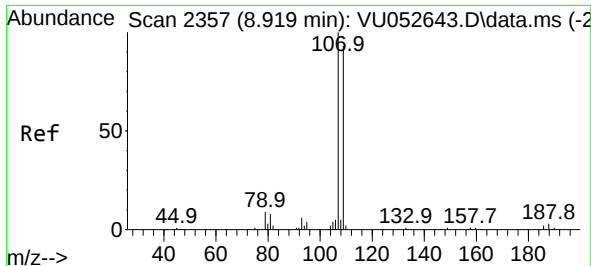
Tgt Ion: 43 Resp: 811986
Ion Ratio Lower Upper
43 100
58 57.1 45.1 67.7
57 19.0 15.1 22.7
100 11.6 9.0 13.4



#49
Dibromochloromethane
Concen: 10.379 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 129 Resp: 128552
Ion Ratio Lower Upper
129 100
127 78.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 9.888 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

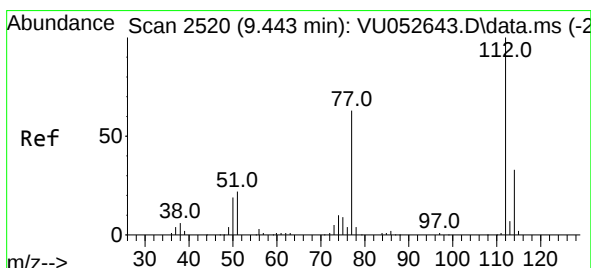
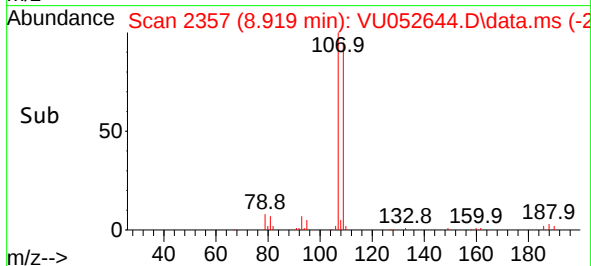
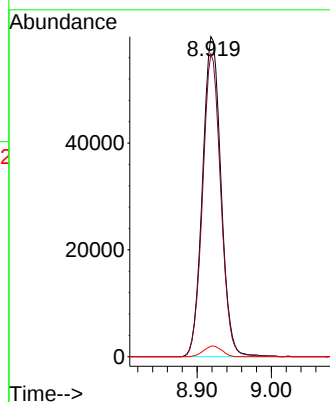
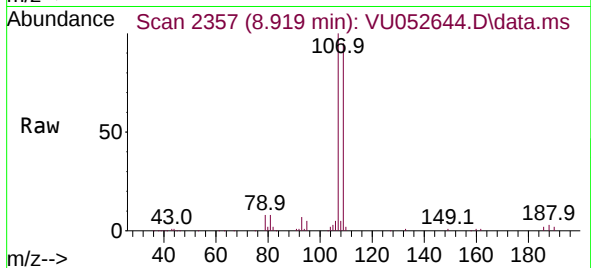
Tgt Ion:107 Resp: 103248

Ion Ratio Lower Upper

107 100

109 94.6 65.3 121.3

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 11.148 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

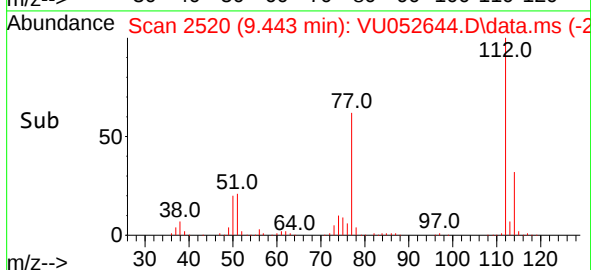
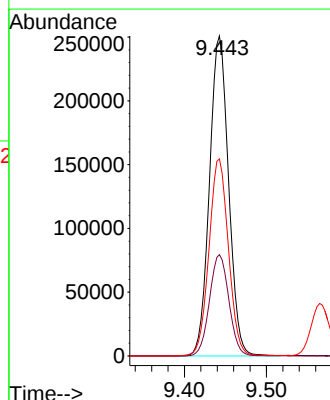
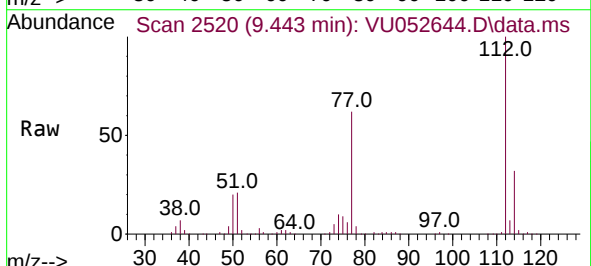
Tgt Ion:112 Resp: 407026

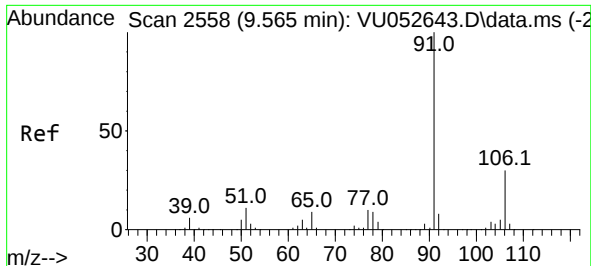
Ion Ratio Lower Upper

112 100

114 31.7 22.8 42.4

77 61.6 50.2 75.4

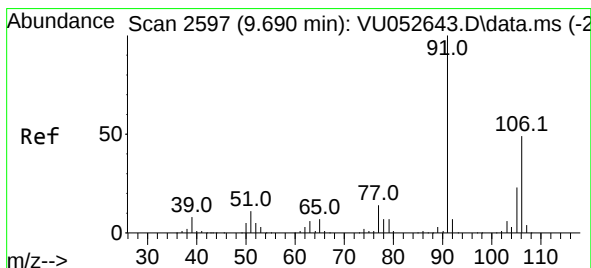
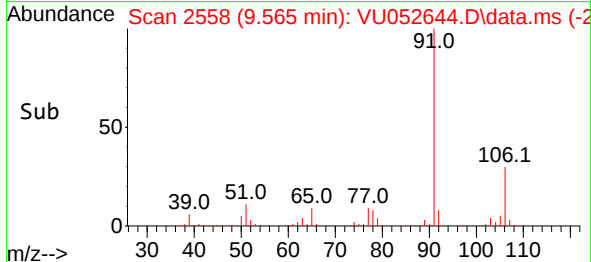
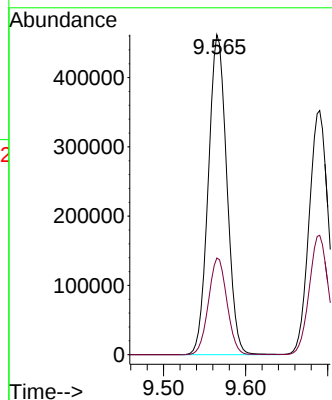
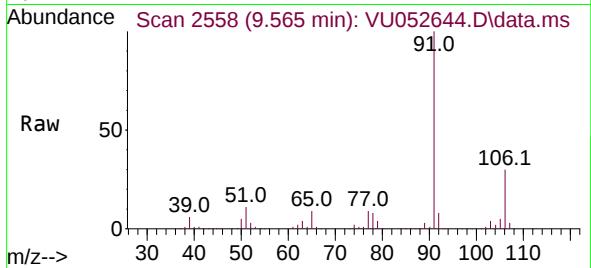




#52
Ethylbenzene
Concen: 12.110 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

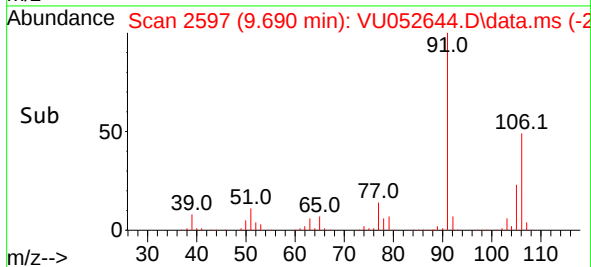
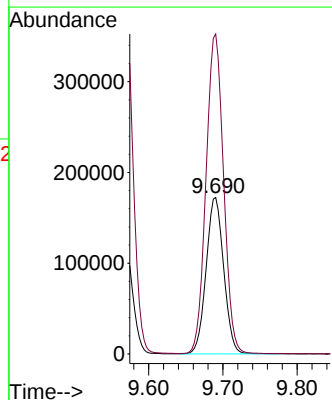
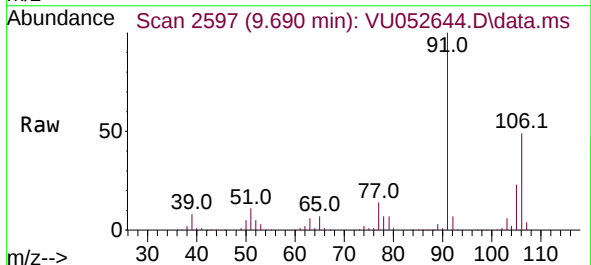
Instrument :
MSVOA_U
ClientSampleId :

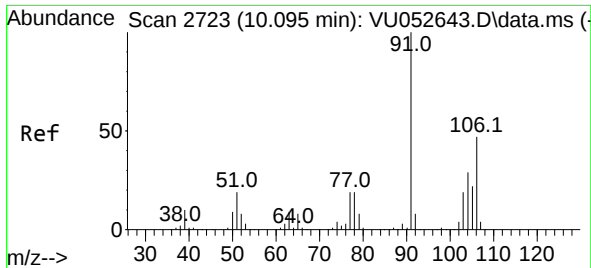
Tgt Ion: 91 Resp: 721874
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 12.738 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion: 106 Resp: 282404
Ion Ratio Lower Upper
106 100
91 204.5 144.3 267.9

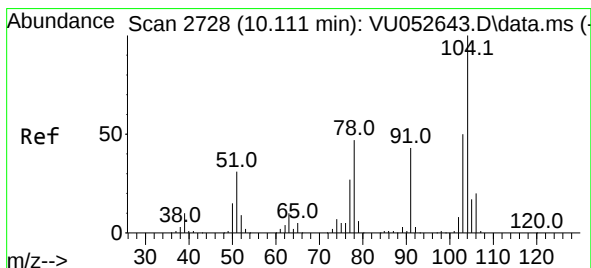
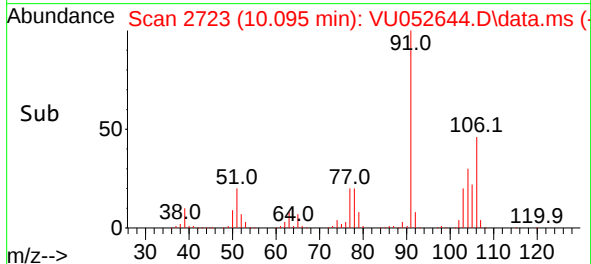
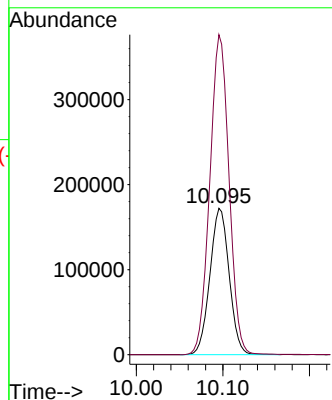
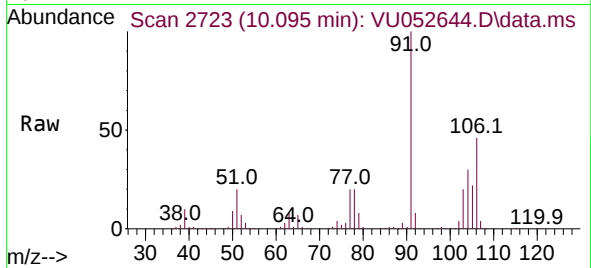




#54
o-Xylene
Concen: 12.521 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

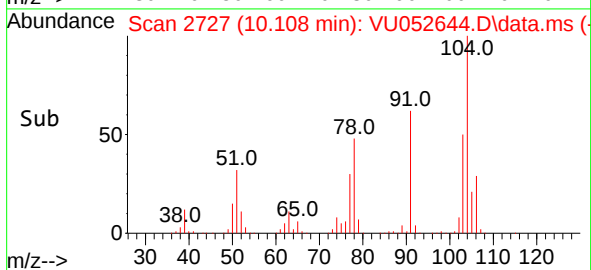
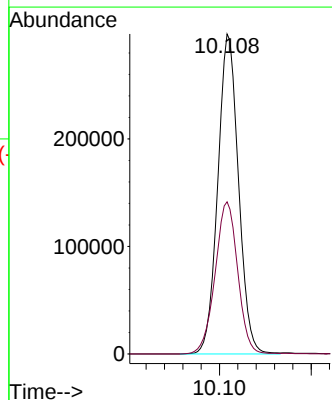
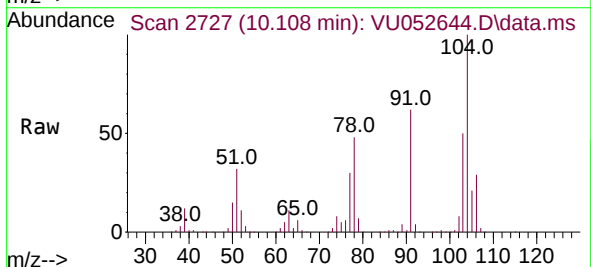
Instrument :
MSVOA_U
ClientSampleId :

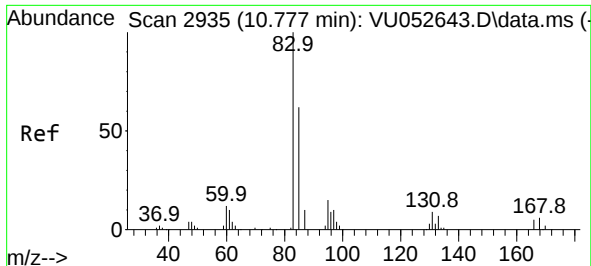
Tgt Ion:106 Resp: 266051
Ion Ratio Lower Upper
106 100
91 218.6 148.7 276.1



#55
Styrene
Concen: 12.658 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion:104 Resp: 466439
Ion Ratio Lower Upper
104 100
78 47.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 9.174 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

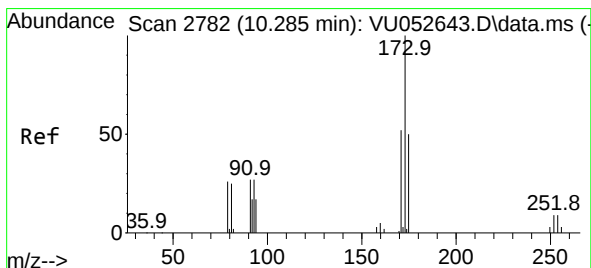
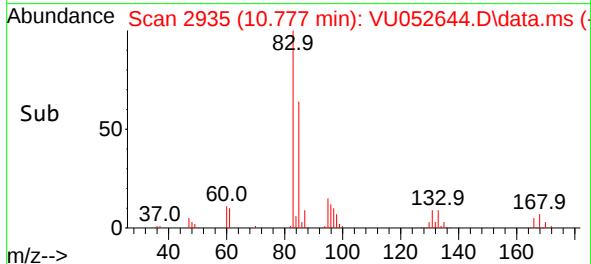
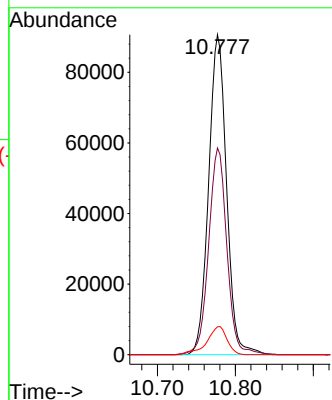
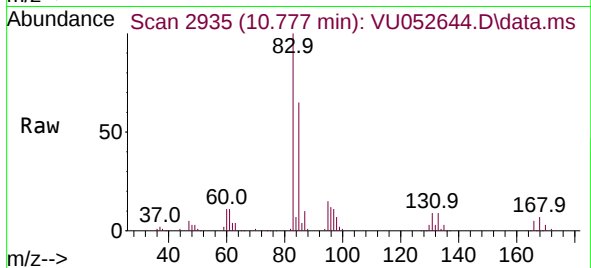
Tgt Ion: 83 Resp: 144649

Ion Ratio Lower Upper

83 100

85 64.6 43.7 81.1

131 8.7 7.0 10.6



#59

Bromoform

Concen: 9.009 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

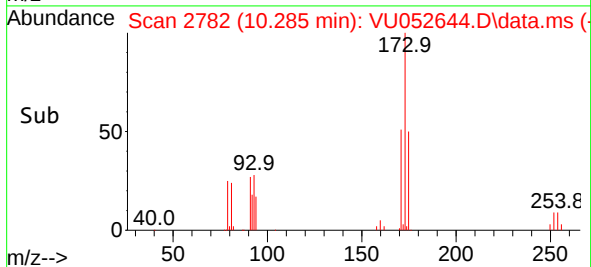
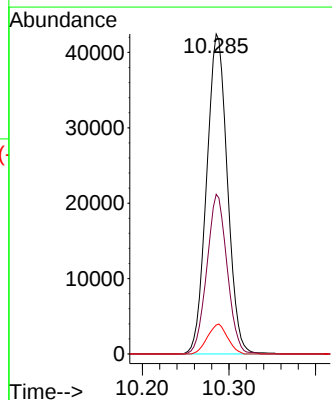
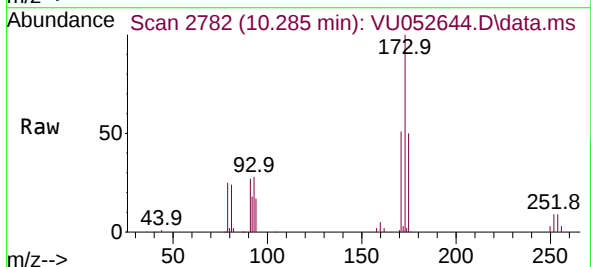
Tgt Ion:173 Resp: 70461

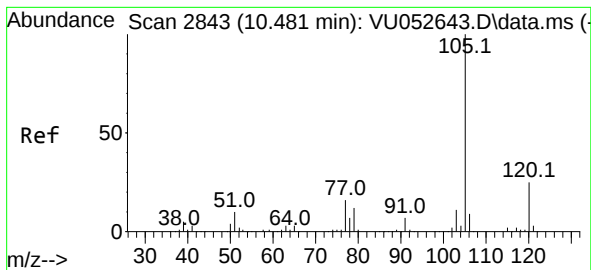
Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.4

254 9.0 7.3 10.9





#60

Isopropylbenzene

Concen: 11.895 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

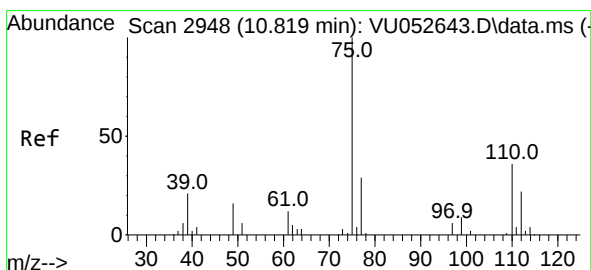
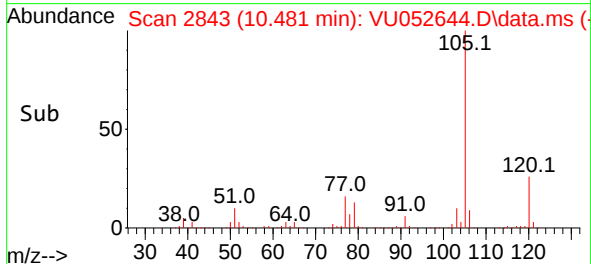
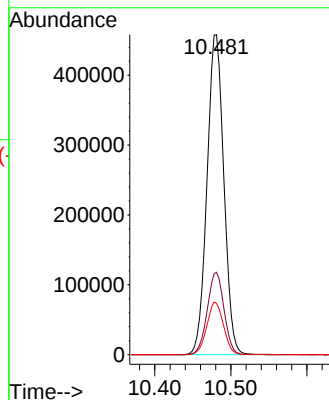
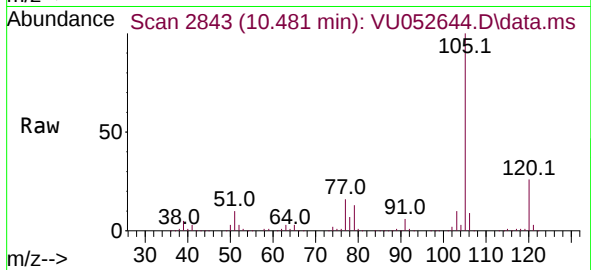
Tgt Ion:105 Resp: 703865

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 16.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 8.237 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

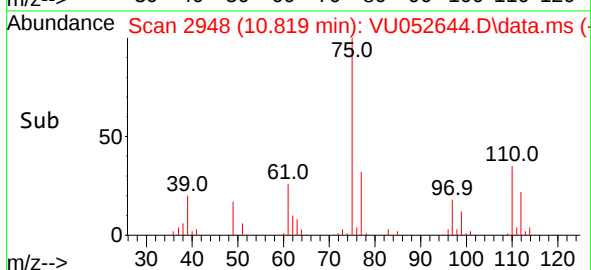
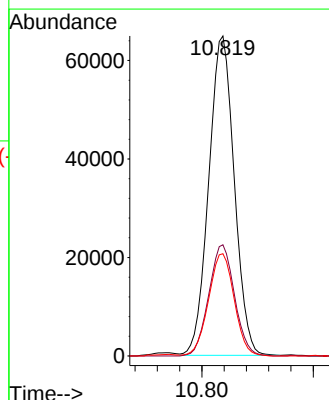
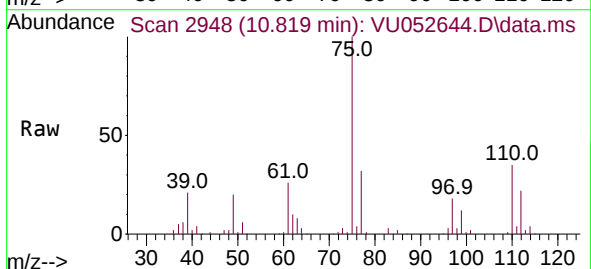
Tgt Ion: 75 Resp: 103092

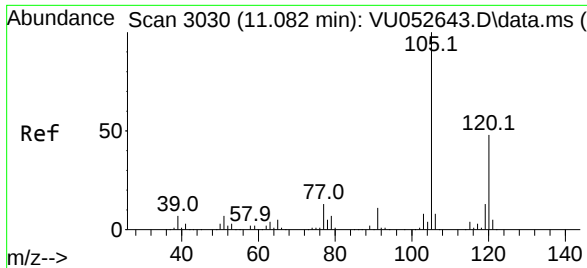
Ion Ratio Lower Upper

75 100

110 35.1 27.2 40.8

77 32.3 24.0 36.0

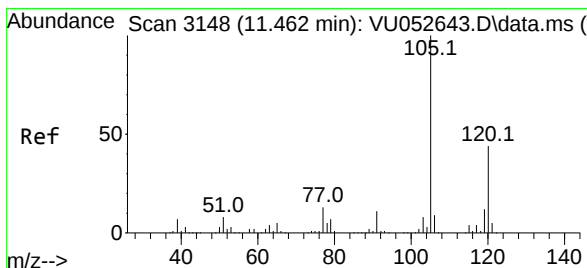
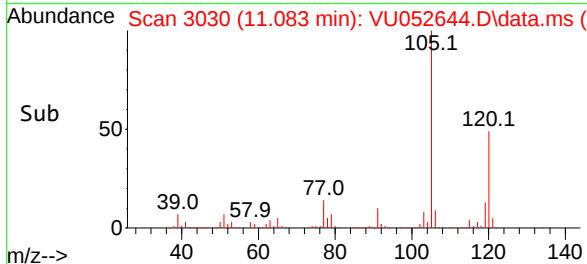
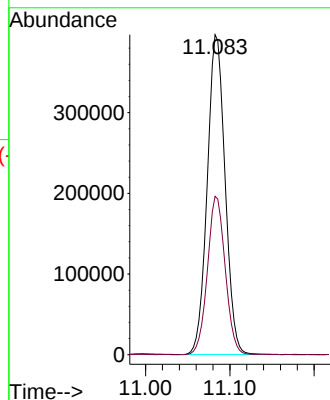
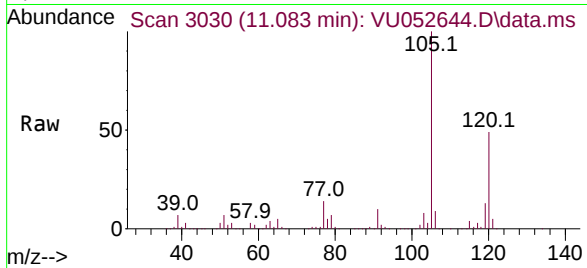




#62
1,3,5-Trimethylbenzene
Concen: 12.001 ug/L
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

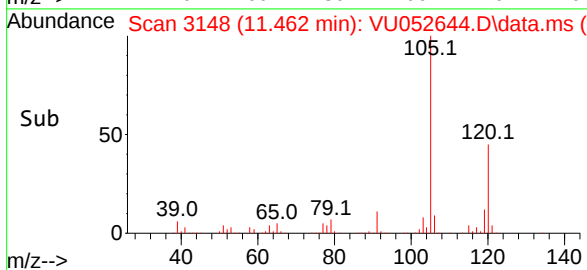
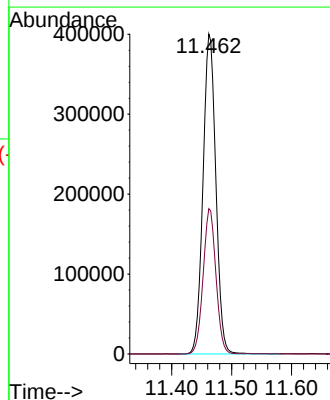
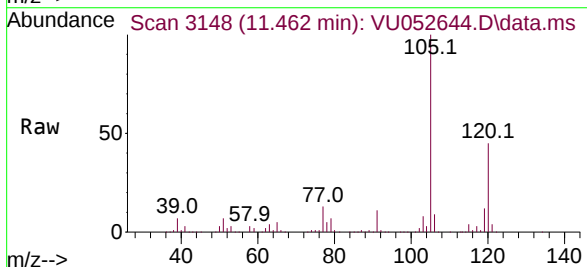
Instrument :
MSVOA_U
ClientSampleId :

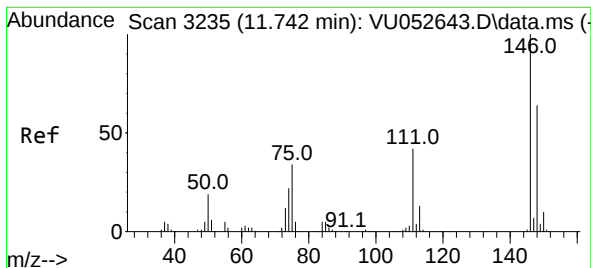
Tgt Ion:105 Resp: 585024
Ion Ratio Lower Upper
105 100
120 49.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 12.245 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU052644.D
Acq: 10 Jan 2023 14:59

Tgt Ion:105 Resp: 597996
Ion Ratio Lower Upper
105 100
120 45.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 10.781 ug/L

RT: 11.742 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

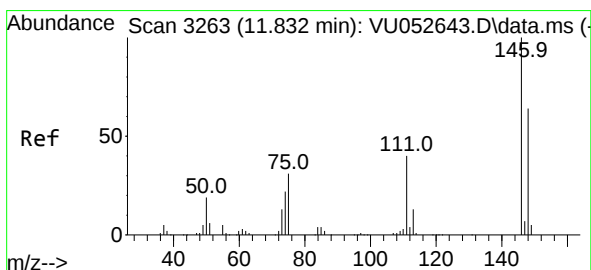
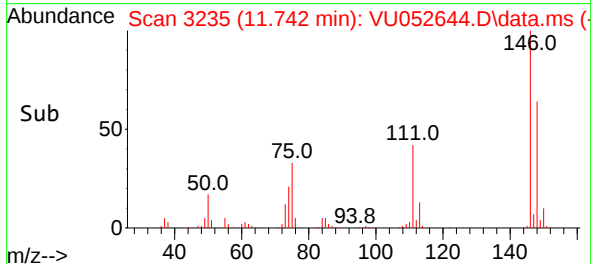
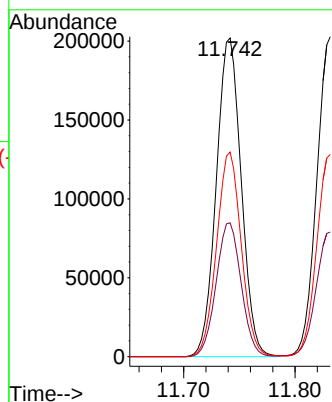
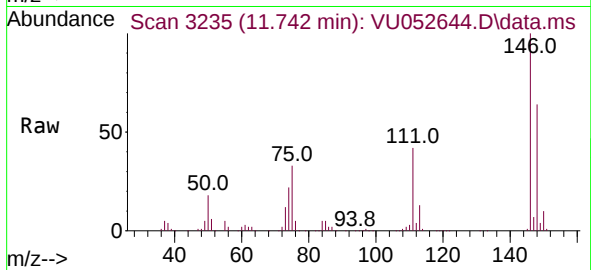
Tgt Ion:146 Resp: 314484

Ion Ratio Lower Upper

146 100

111 42.0 29.4 54.6

148 64.2 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 10.538 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

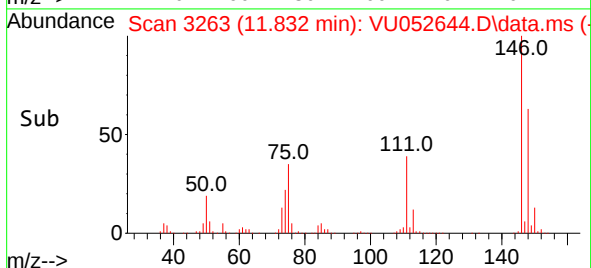
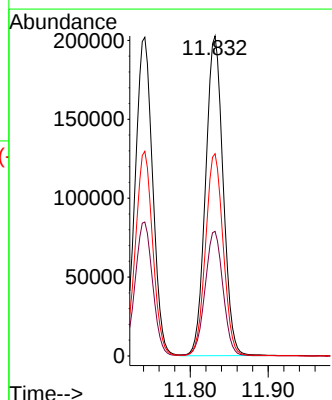
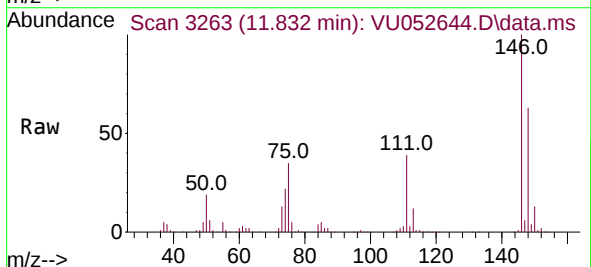
Tgt Ion:146 Resp: 316961

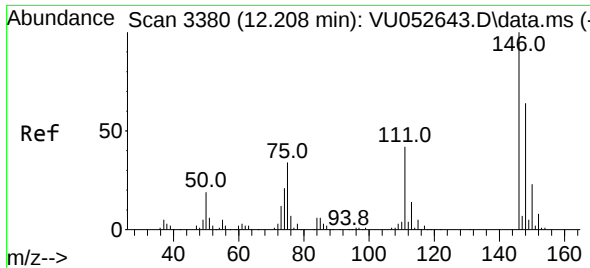
Ion Ratio Lower Upper

146 100

111 39.0 28.1 52.3

148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 10.087 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

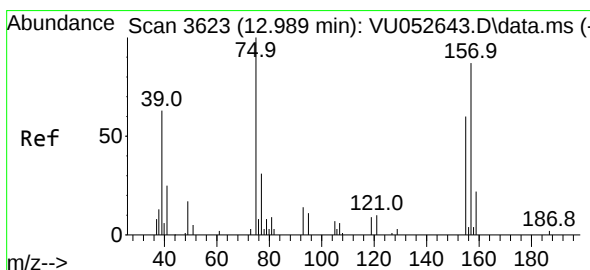
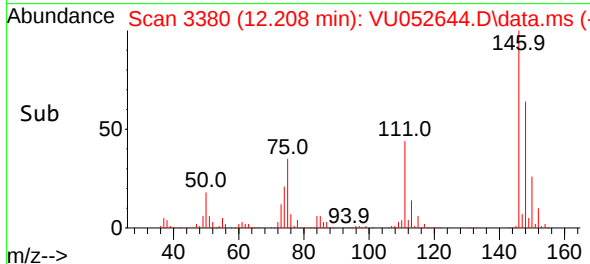
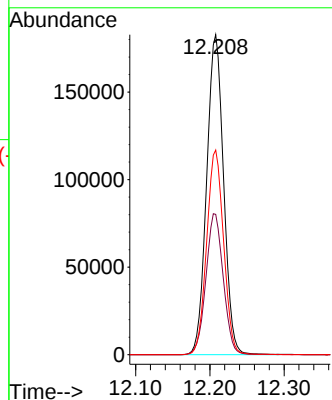
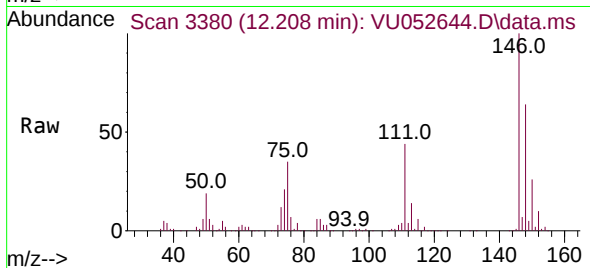
Tgt Ion:146 Resp: 288824

Ion Ratio Lower Upper

146 100

111 43.8 33.8 50.6

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 8.257 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

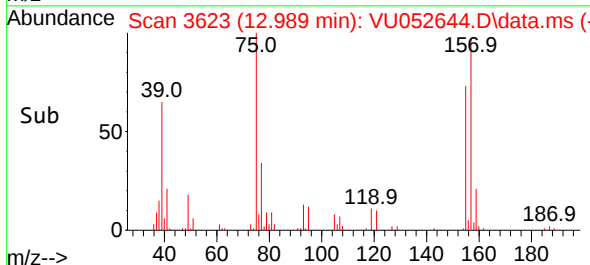
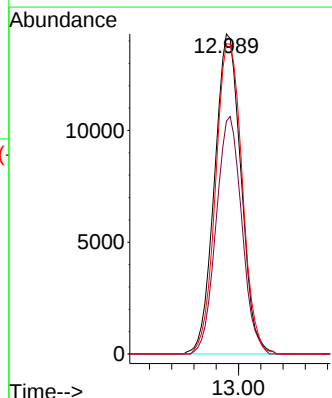
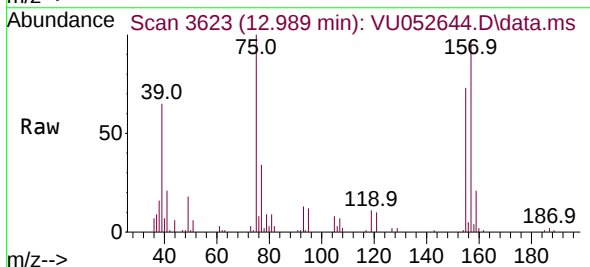
Tgt Ion: 75 Resp: 23594

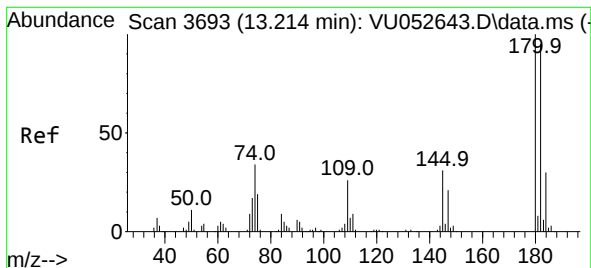
Ion Ratio Lower Upper

75 100

155 72.8 48.0 72.0#

157 97.0 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 10.579 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

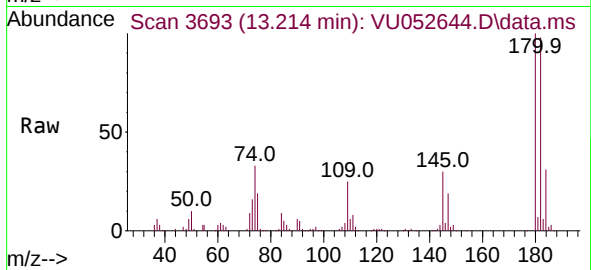
Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 225613

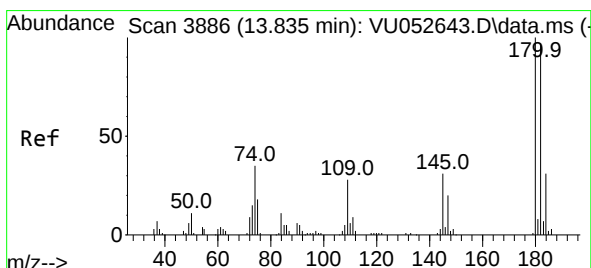
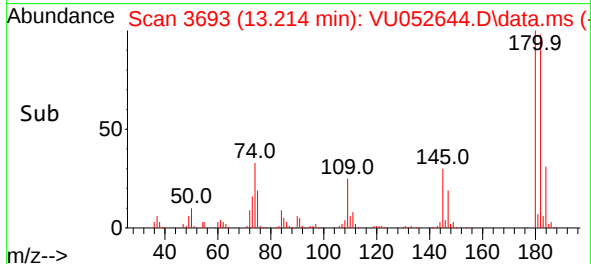
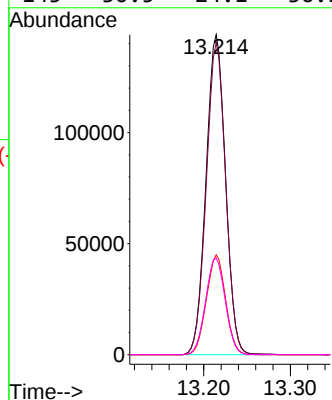
Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

184 30.7 23.6 35.4

145 30.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 10.498 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

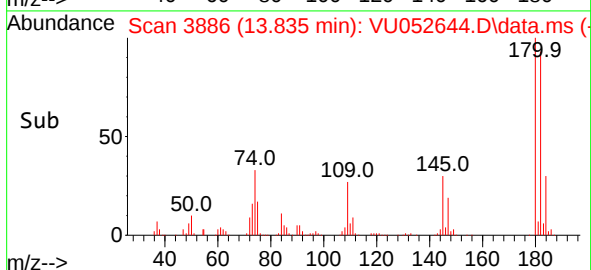
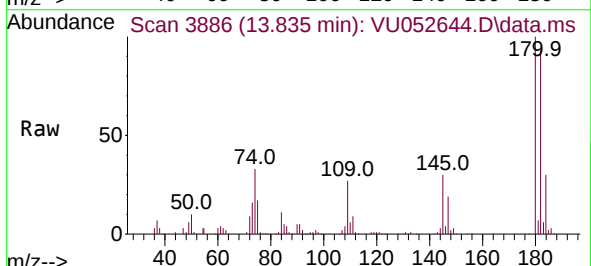
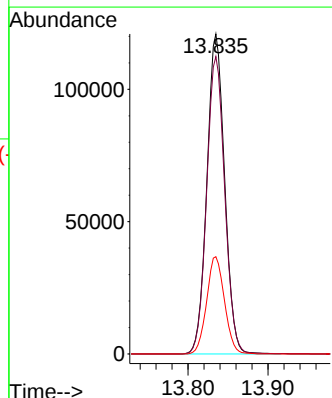
Tgt Ion:180 Resp: 186955

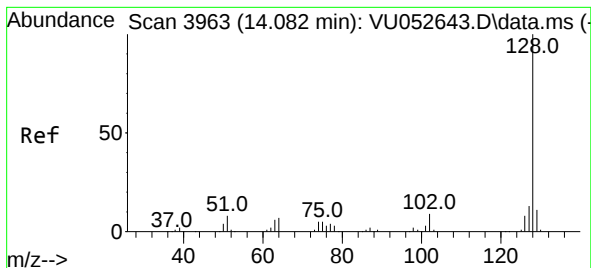
Ion Ratio Lower Upper

180 100

182 94.7 77.5 116.3

145 30.6 25.3 37.9





#71

Naphthalene

Concen: 9.514 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Instrument :

MSVOA_U

ClientSampleId :

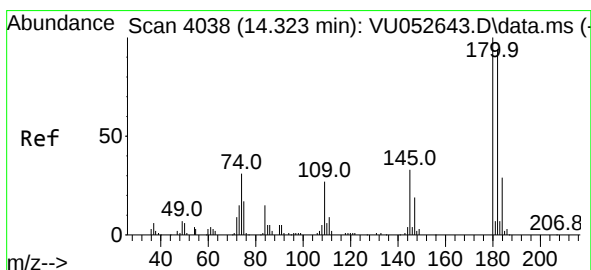
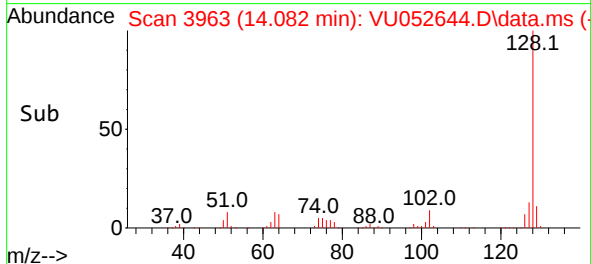
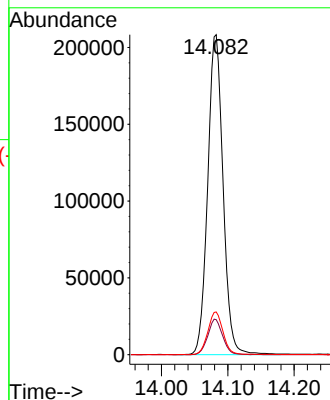
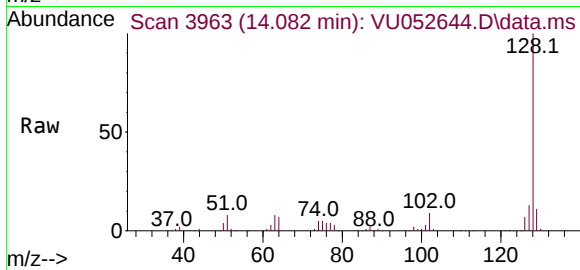
Tgt Ion:128 Resp: 336045

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 9.810 ug/L

RT: 14.324 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU052644.D

Acq: 10 Jan 2023 14:59

Tgt Ion:180 Resp: 172289

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

145 32.8 26.5 39.7

