

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047404.D
 Acq On : 09 Mar 2022 14:25
 Operator : SY/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 00:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	179630	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	168657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93936	4.661	ug/L	0.00
7) Chloroethane-d5	1.919	69	69388	4.475	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	41198	5.671	ug/L	0.00
20) 2-Butanone-d5	4.645	46	171848	43.356	ug/L	0.00
24) Chloroform-d	5.070	84	151512	4.726	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	73675	4.516	ug/L	0.00
32) Benzene-d6	5.729	84	317012	6.005	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	92487	5.604	ug/L	0.00
41) Toluene-d8	7.899	98	308657	6.576	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	40446	6.429	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	180225	61.806	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	81671	5.843	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	122358	6.649	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	138231	8.833	ug/L	99
3) Chloromethane	1.527	50	131342	7.008	ug/L	98
5) Vinyl chloride	1.607	62	133850	7.126	ug/L	98
6) Bromomethane	1.864	94	74504	7.138	ug/L	99
8) Chloroethane	1.938	64	79225	7.107	ug/L	100
9) Trichlorofluoromethane	2.144	101	178267	7.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	110588	7.824	ug/L	99
12) 1,1-Dichloroethene	2.584	96	104788	8.303	ug/L	92
13) Acetone	2.658	43	155918	65.078	ug/L	96
14) Carbon disulfide	2.800	76	321263	8.065	ug/L	100
15) Methyl Acetate	2.961	43	42253	8.010	ug/L	94
16) Methylene chloride	3.051	84	116404	7.278	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	272215	9.441	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	112618	8.399	ug/L	98
19) 1,1-Dichloroethane	3.877	63	190413	7.820	ug/L	100
21) 2-Butanone	4.723	43	291580	81.854	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	123585	8.803	ug/L	98
23) Bromochloromethane	4.980	128	61282	8.962	ug/L	98
25) Chloroform	5.092	83	204146	7.337	ug/L	99
27) 1,2-Dichloroethane	5.796	62	132057	8.232	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	178411	9.421	ug/L	99
30) Cyclohexane	5.391	56	175278	11.129	ug/L	98
31) Carbon tetrachloride	5.530	117	157161	9.588	ug/L	98
33) Benzene	5.777	78	468769	10.041	ug/L	100
34) Trichloroethene	6.546	95	126702	10.542	ug/L	96
35) Methylcyclohexane	6.767	83	202269	11.899	ug/L	98
37) 1,2-Dichloropropane	6.793	63	116102	9.493	ug/L	100
38) Bromodichloromethane	7.108	83	153053	9.539	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	180012	10.919	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	794685	116.722	ug/L	99
42) Toluene	7.970	91	508983	10.606	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	163276	11.186	ug/L	96

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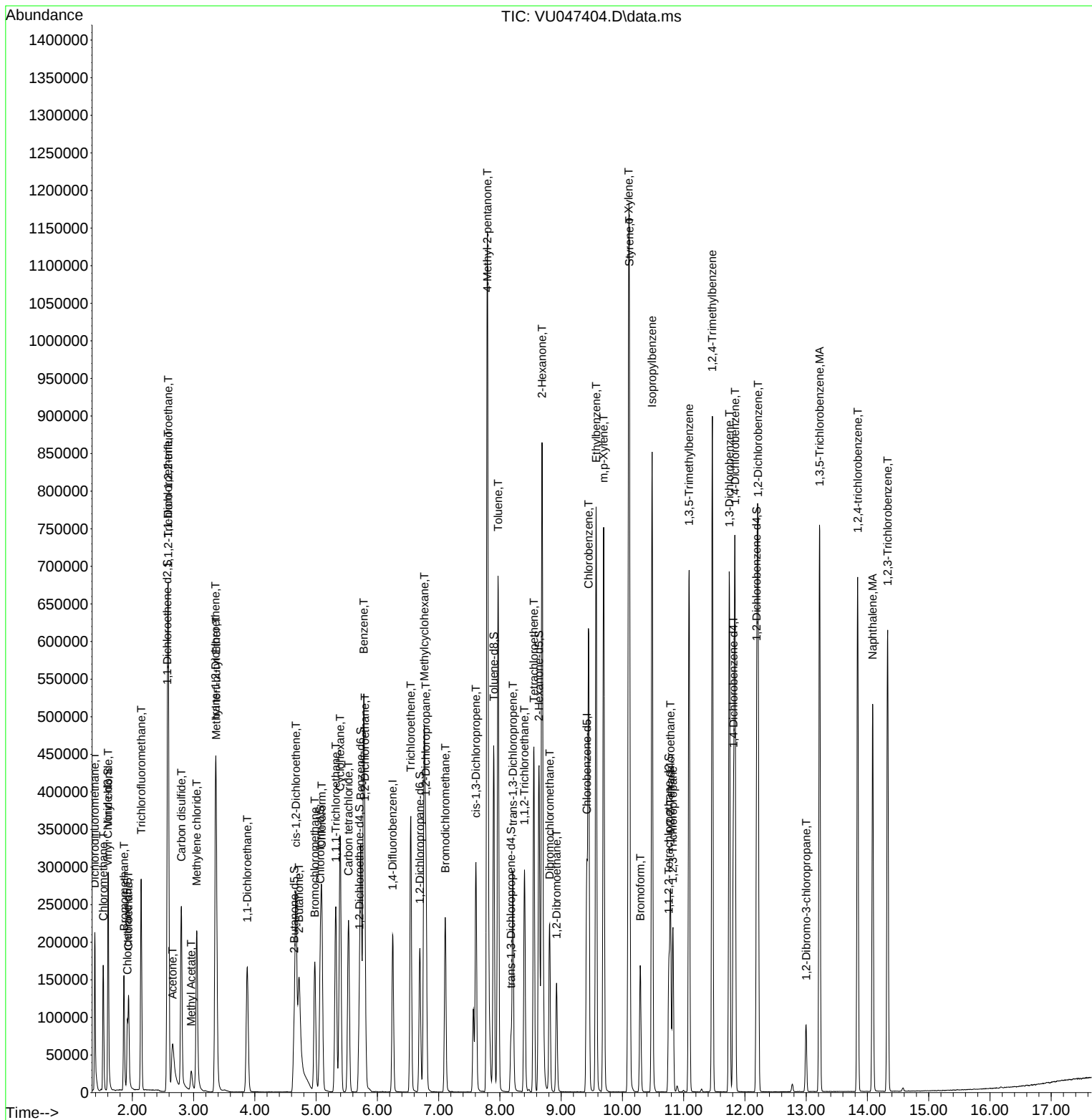
Quant Time: Mar 10 00:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
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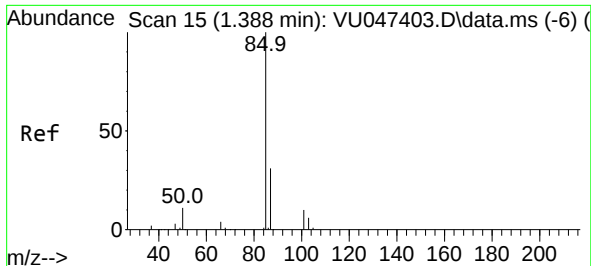
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	95451	10.320	ug/L	97
47) Tetrachloroethene	8.555	164	107556	11.389	ug/L	97
48) 2-Hexanone	8.687	43	579089	113.288	ug/L	98
49) Dibromochloromethane	8.812	129	119705	10.905	ug/L	99
50) 1,2-Dibromoethane	8.925	107	98421	11.239	ug/L	100
51) Chlorobenzene	9.449	112	337572	10.542	ug/L	99
52) Ethylbenzene	9.571	91	554962	11.190	ug/L	100
53) m,p-Xylene	9.693	106	221133	11.502	ug/L	100
54) o-Xylene	10.102	106	215596	12.035	ug/L	99
55) Styrene	10.115	104	369404	11.788	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	131332	10.854	ug/L	98
59) Bromoform	10.291	173	78692	11.960	ug/L	99
60) Isopropylbenzene	10.484	105	565636	11.373	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	92423	10.045	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	377579	10.069	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	496965	12.418	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	296139	11.110	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	298850	10.955	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	286077	11.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	20778	10.511	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	249443	12.093	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	224707	13.031	ug/L	100
71) Naphthalene	14.086	128	408436	13.584	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	204319	12.638	ug/L	99

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

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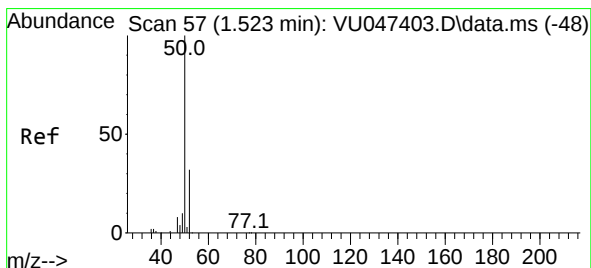
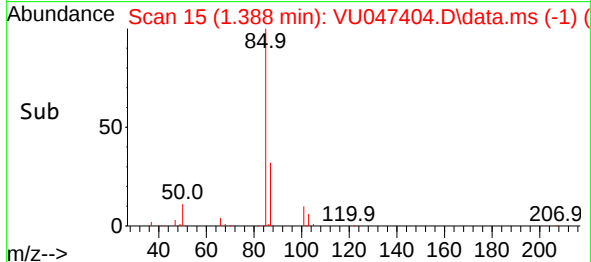
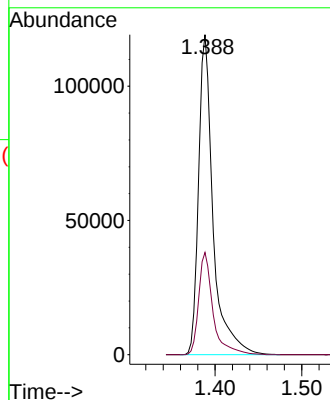
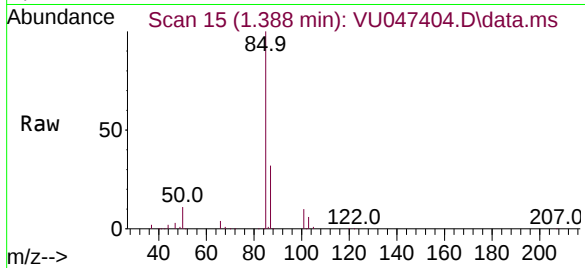




#2
 Dichlorodifluoromethane
 Concen: 8.833 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

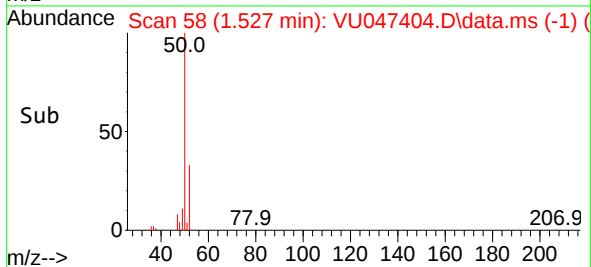
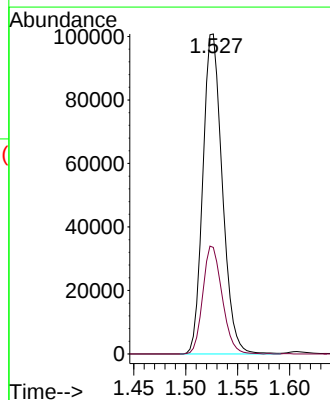
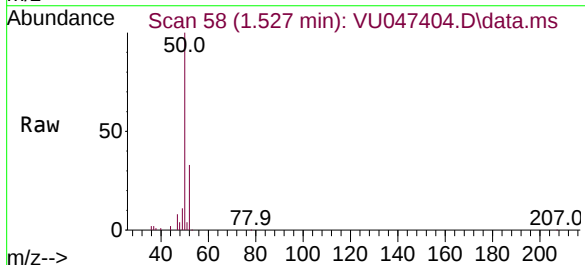
Instrument :
 MSVOA_U
 ClientSampleId :

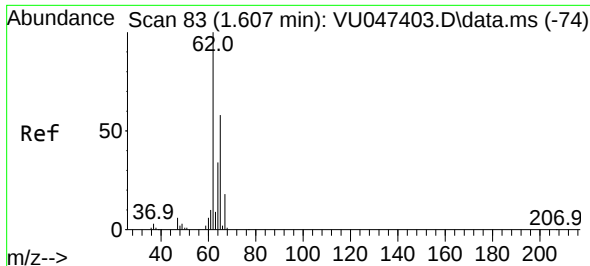
Tgt Ion: 85 Resp: 138231
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.6 38.4



#3
 Chloromethane
 Concen: 7.008 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.003 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

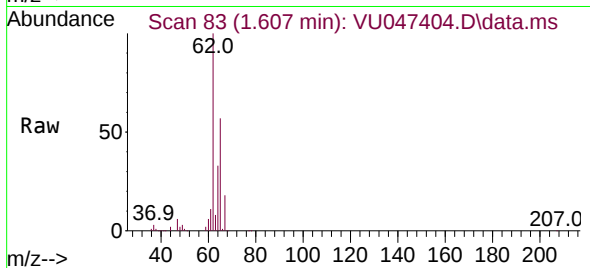
Tgt Ion: 50 Resp: 131342
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.9



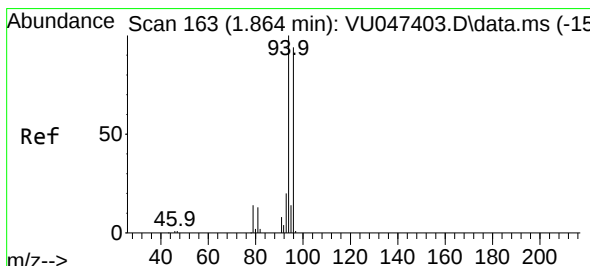
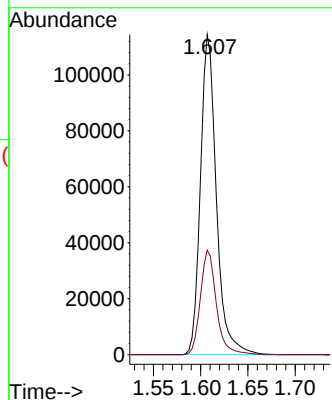
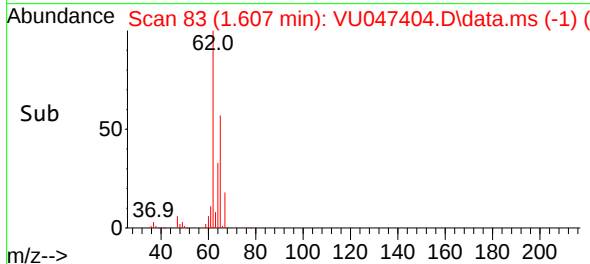


#5
 Vinyl chloride
 Concen: 7.126 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Instrument :
 MSVOA_U
 ClientSampleId :

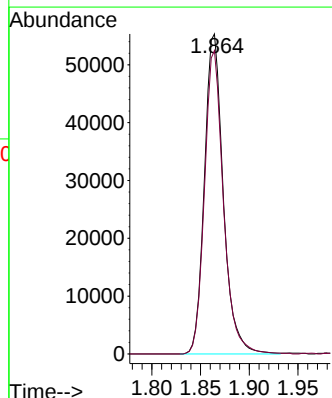
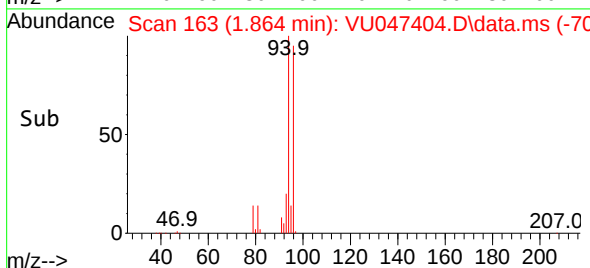
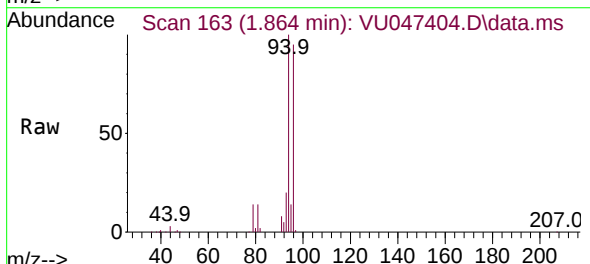


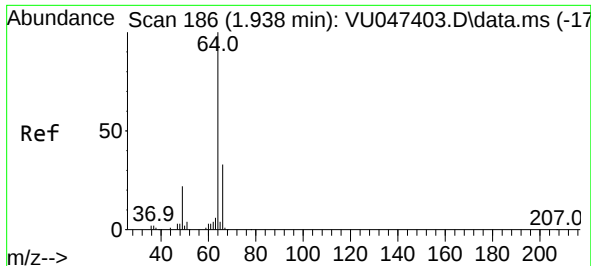
Tgt Ion: 62 Resp: 133850
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.7 43.9



#6
 Bromomethane
 Concen: 7.138 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Tgt Ion: 94 Resp: 74504
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

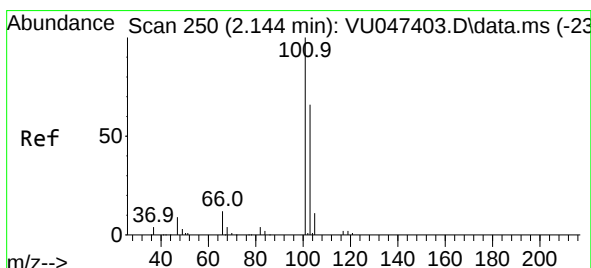
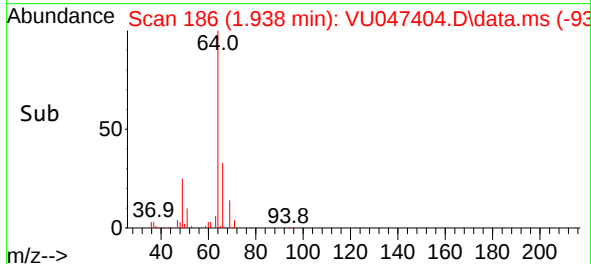
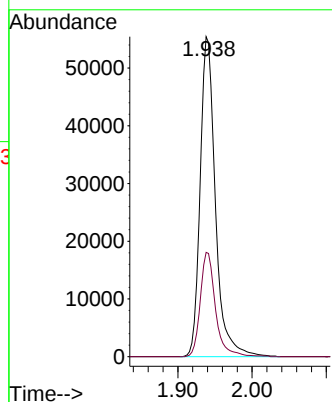
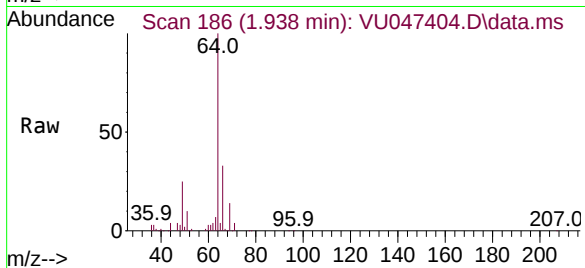




#8
Chloroethane
Concen: 7.107 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

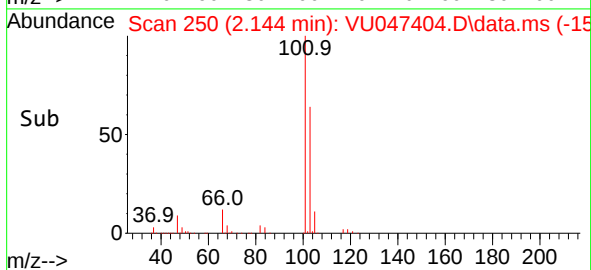
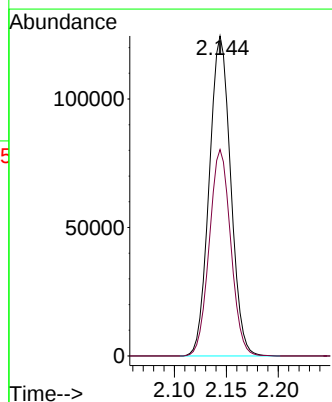
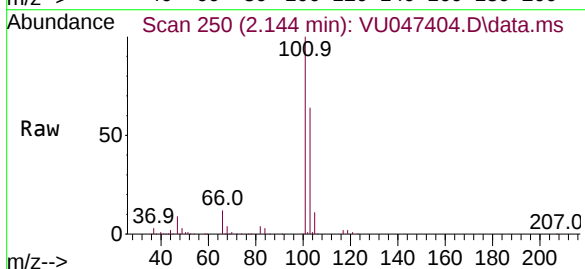
Instrument :
MSVOA_U
ClientSampleId :

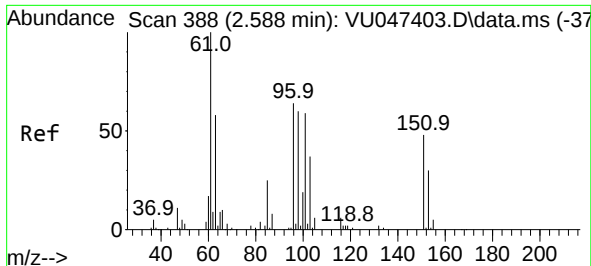
Tgt Ion: 64 Resp: 79225
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 7.481 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion:101 Resp: 178267
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 7.824 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

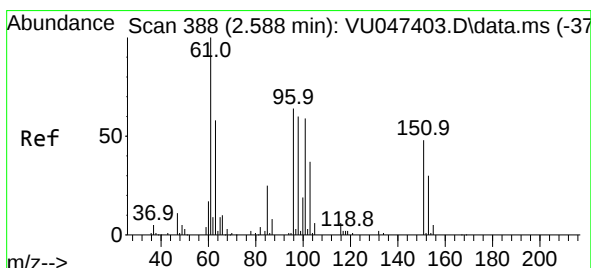
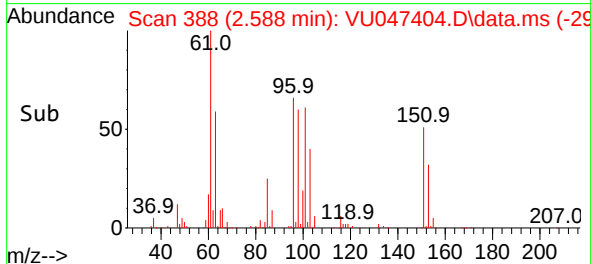
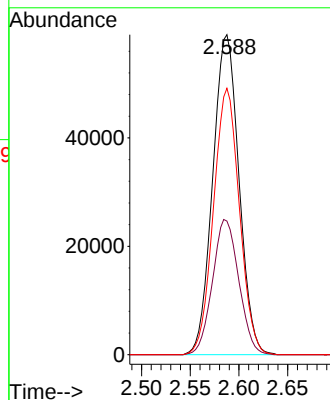
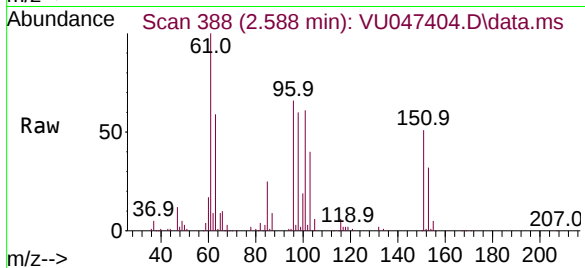
Tgt Ion:101 Resp: 110588

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.6

151 82.3 64.8 97.2



#12

1,1-Dichloroethene

Concen: 8.303 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

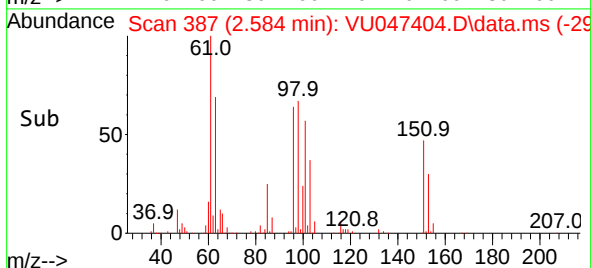
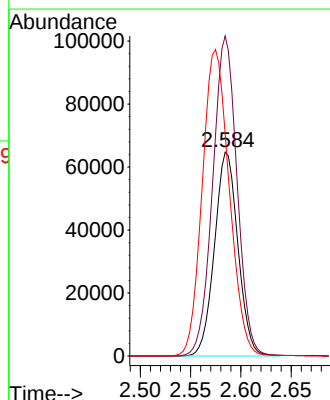
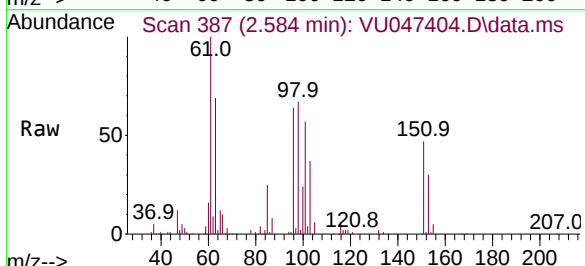
Tgt Ion: 96 Resp: 104788

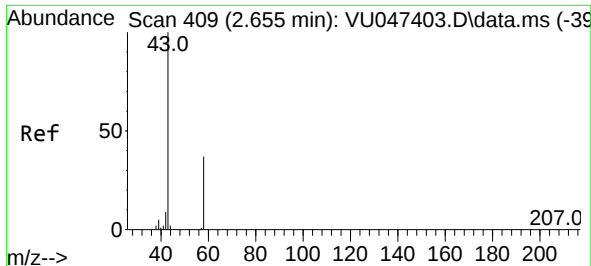
Ion Ratio Lower Upper

96 100

61 156.9 108.8 202.0

63 109.0 64.0 119.0





#13

Acetone

Concen: 65.078 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

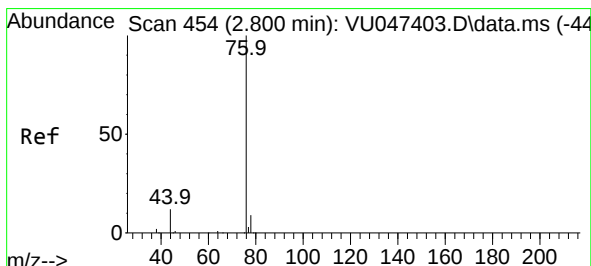
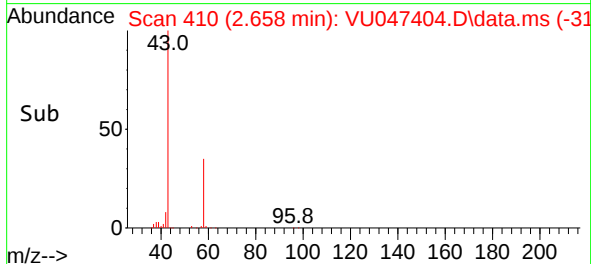
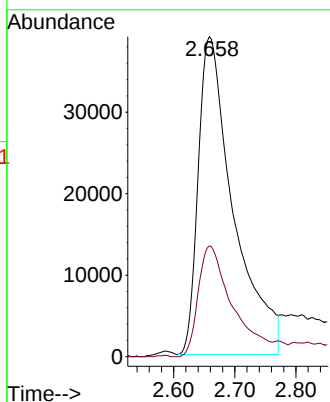
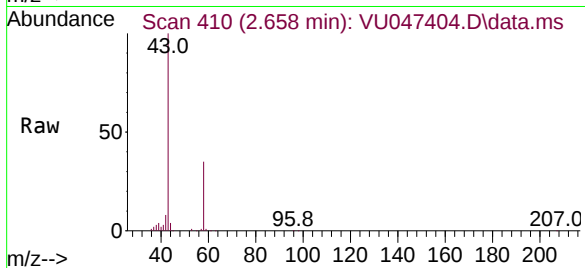
ClientSampleId :

Tgt Ion: 43 Resp: 155918

Ion Ratio Lower Upper

43 100

58 34.1 0.0 72.6



#14

Carbon disulfide

Concen: 8.065 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047404.D

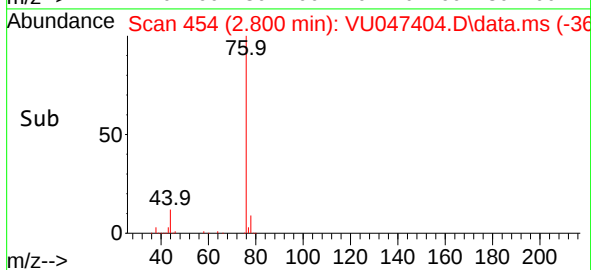
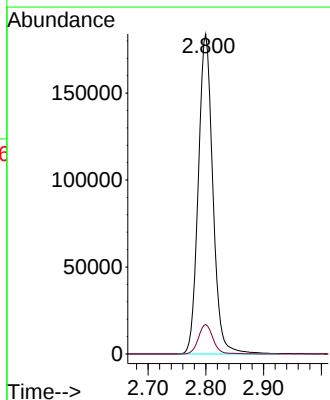
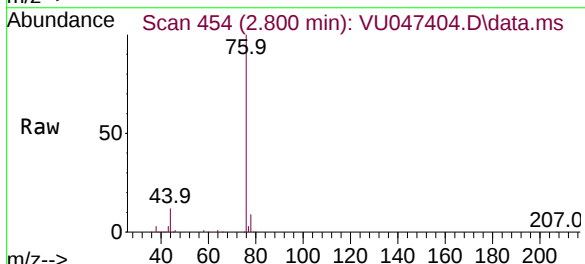
Acq: 09 Mar 2022 14:25

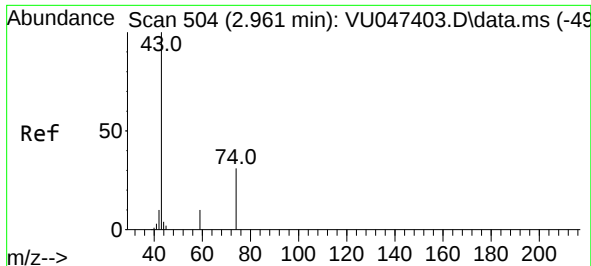
Tgt Ion: 76 Resp: 321263

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

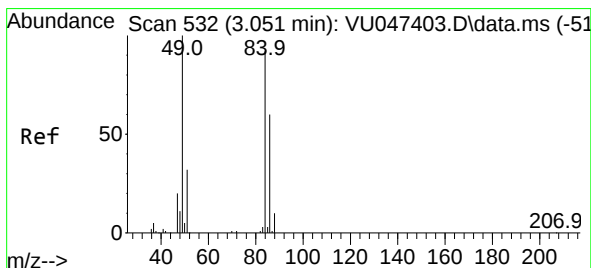
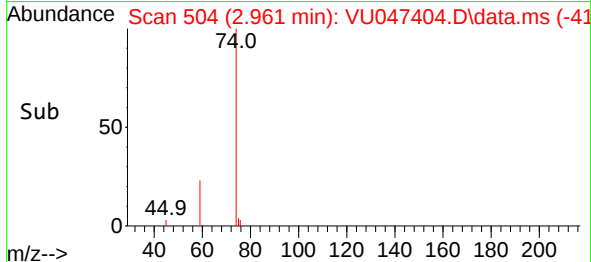
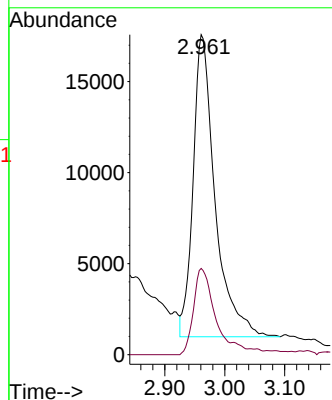
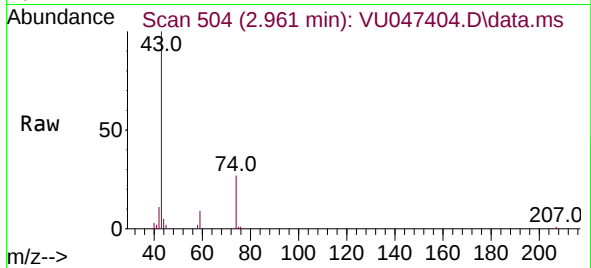




#15
Methyl Acetate
Concen: 8.010 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

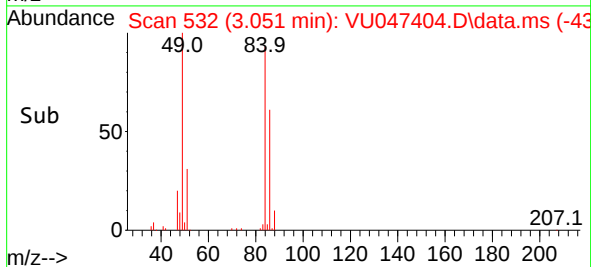
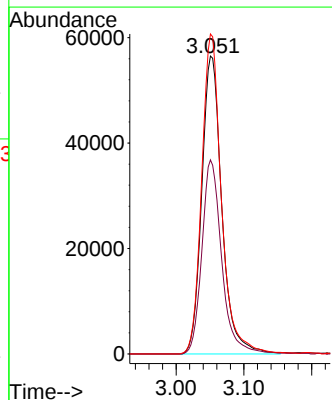
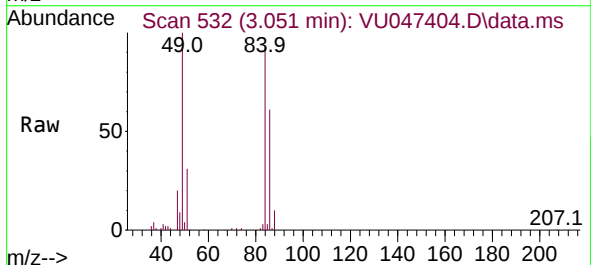
Instrument :
MSVOA_U
ClientSampleId :

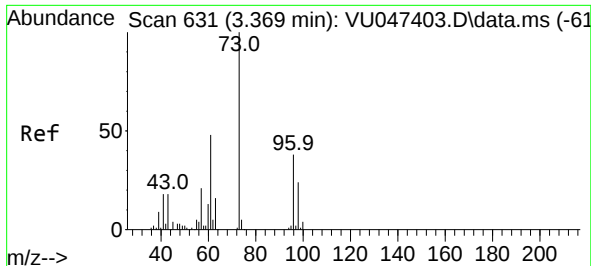
Tgt Ion: 43 Resp: 42253
Ion Ratio Lower Upper
43 100
74 28.4 20.2 30.2



#16
Methylene chloride
Concen: 7.278 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion: 84 Resp: 116404
Ion Ratio Lower Upper
84 100
86 65.1 45.9 85.3
49 107.4 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 9.441 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

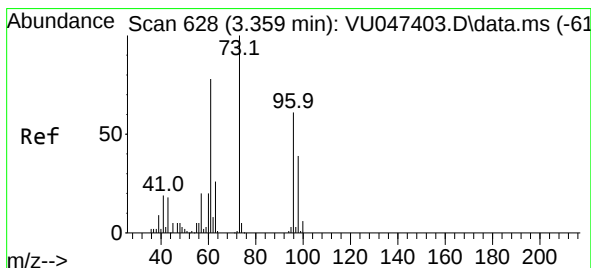
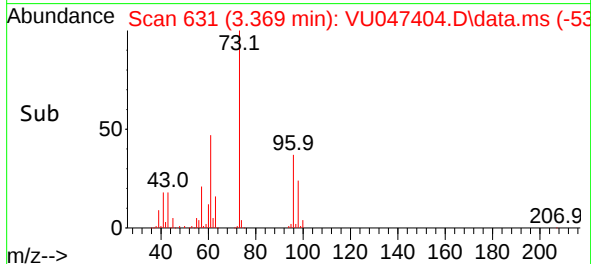
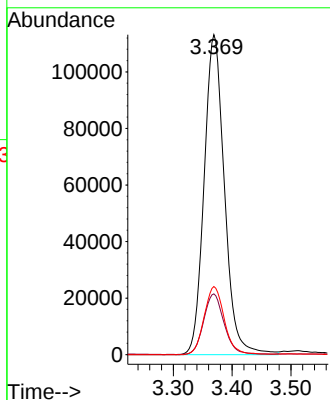
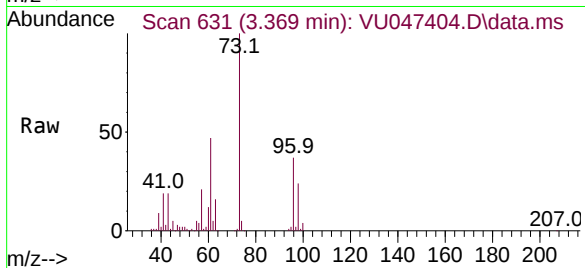
Tgt Ion: 73 Resp: 272215

Ion Ratio Lower Upper

73 100

43 19.2 14.6 22.0

57 21.2 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 8.399 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

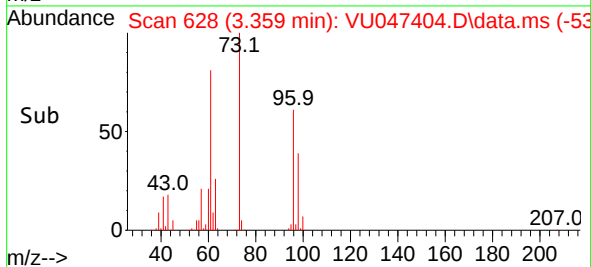
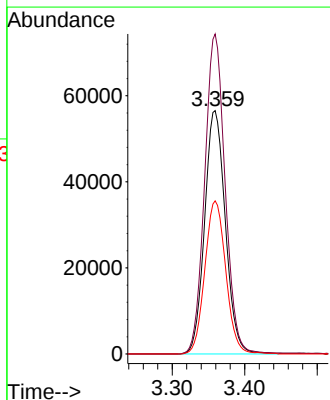
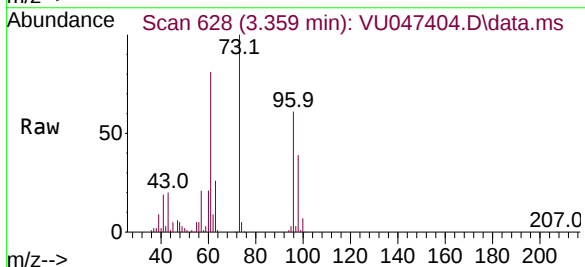
Tgt Ion: 96 Resp: 112618

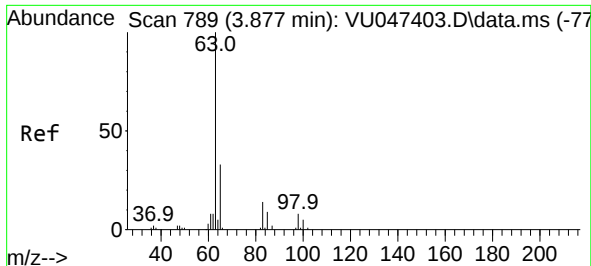
Ion Ratio Lower Upper

96 100

61 131.5 90.4 167.8

98 62.9 45.0 83.6





#19

1,1-Dichloroethane

Concen: 7.820 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

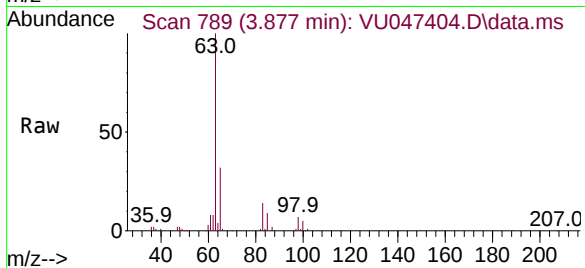
Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :



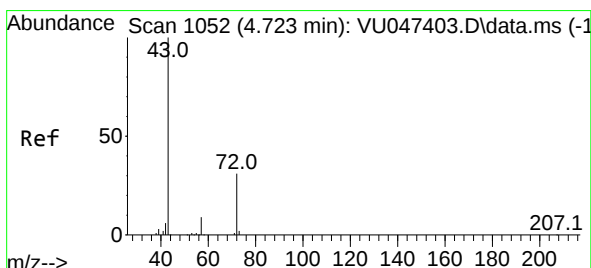
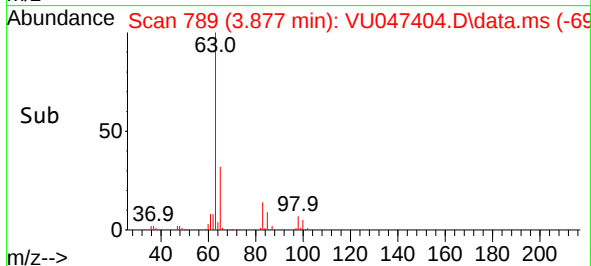
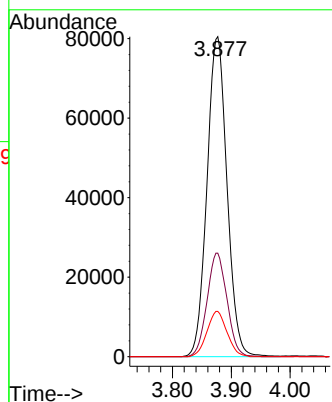
Tgt Ion: 63 Resp: 190413

Ion Ratio Lower Upper

63 100

65 32.4 22.8 42.4

83 14.2 9.9 18.3



#21

2-Butanone

Concen: 81.854 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU047404.D

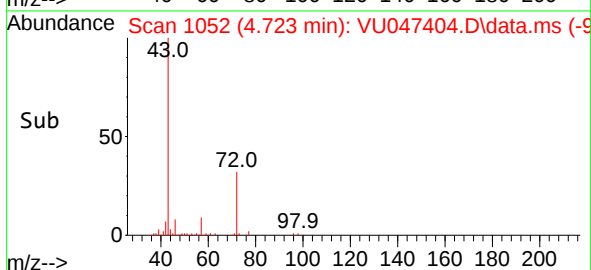
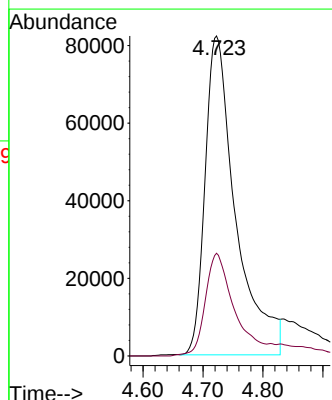
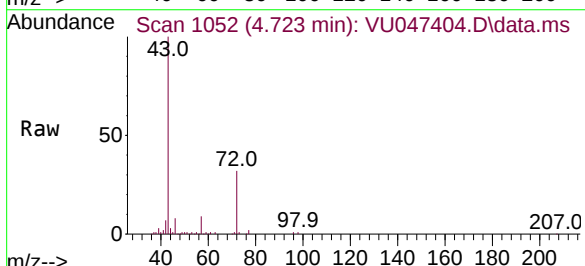
Acq: 09 Mar 2022 14:25

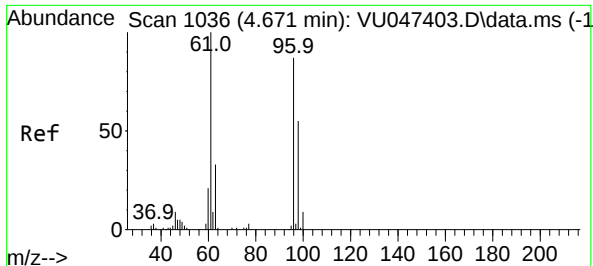
Tgt Ion: 43 Resp: 291580

Ion Ratio Lower Upper

43 100

72 30.4 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 8.803 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

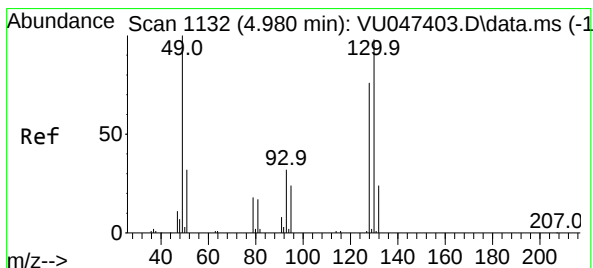
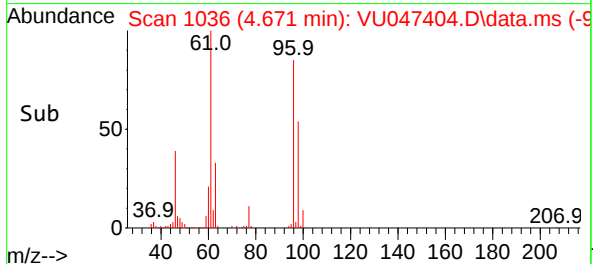
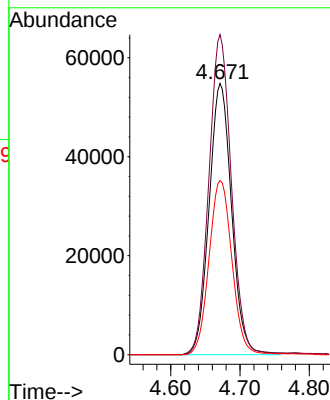
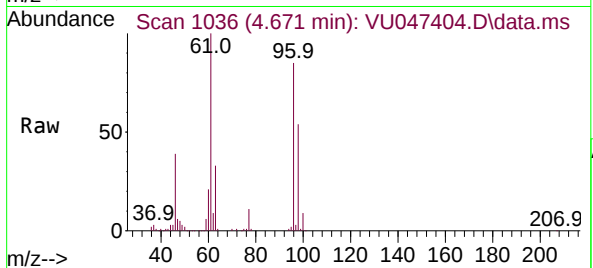
Tgt Ion: 96 Resp: 123585

Ion Ratio Lower Upper

96 100

61 118.0 80.8 150.0

98 64.2 44.7 83.1



#23

Bromochloromethane

Concen: 8.962 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Tgt Ion: 128 Resp: 61282

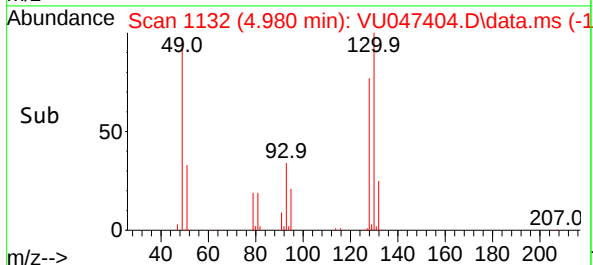
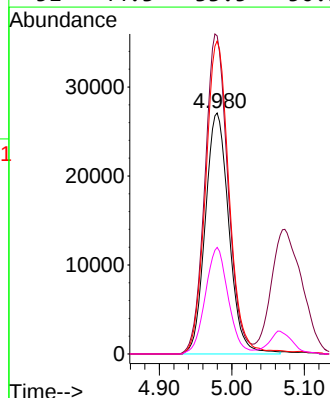
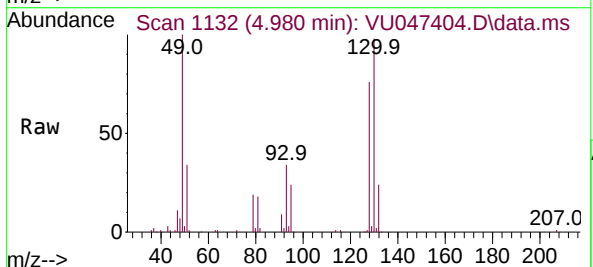
Ion Ratio Lower Upper

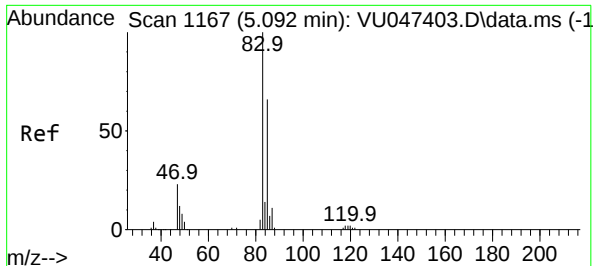
128 100

49 132.0 91.6 170.2

130 129.9 89.6 166.4

51 44.3 33.5 50.3





#25

Chloroform

Concen: 7.337 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

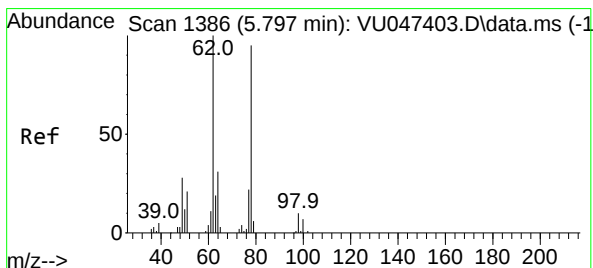
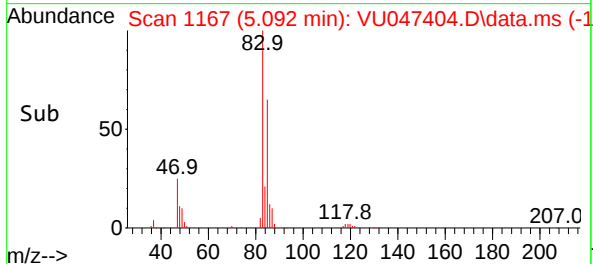
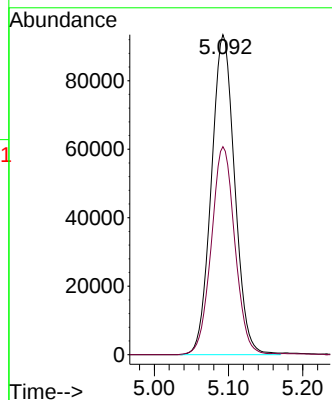
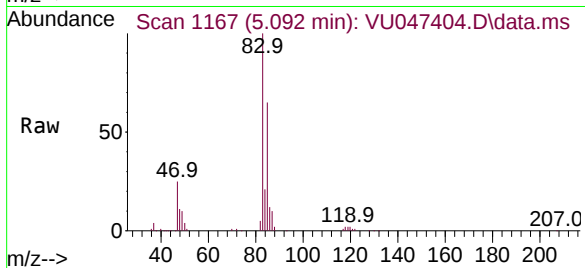
ClientSampleId :

Tgt Ion: 83 Resp: 204146

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 8.232 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047404.D

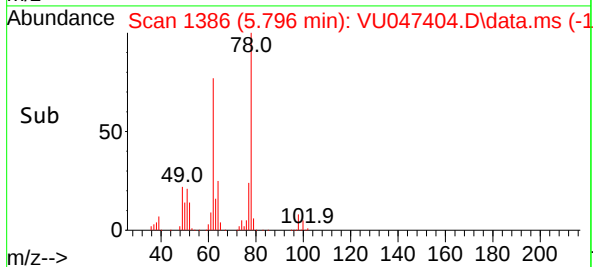
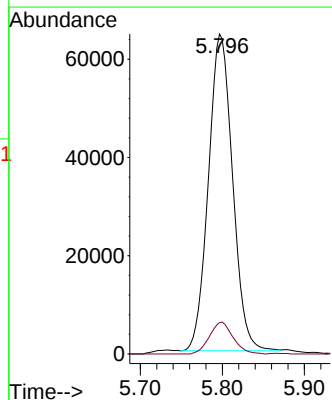
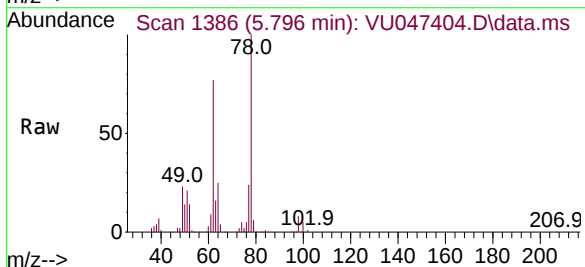
Acq: 09 Mar 2022 14:25

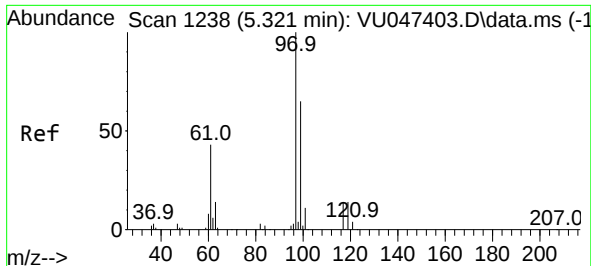
Tgt Ion: 62 Resp: 132057

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 9.421 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

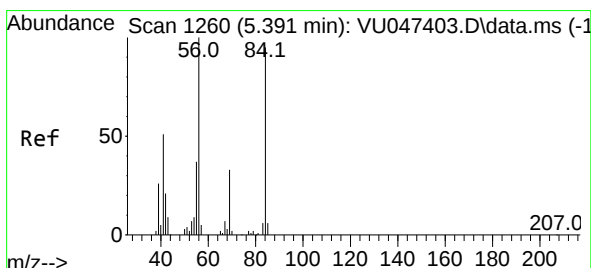
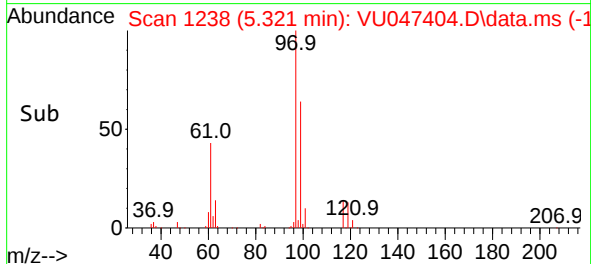
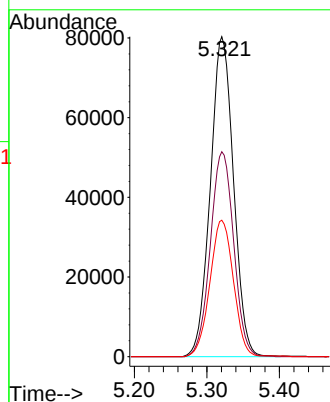
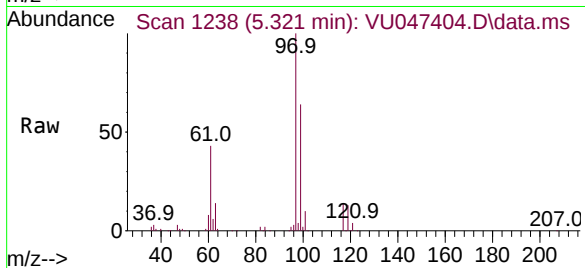
Tgt Ion: 97 Resp: 178411

Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 43.3 33.8 50.6



#30

Cyclohexane

Concen: 11.129 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

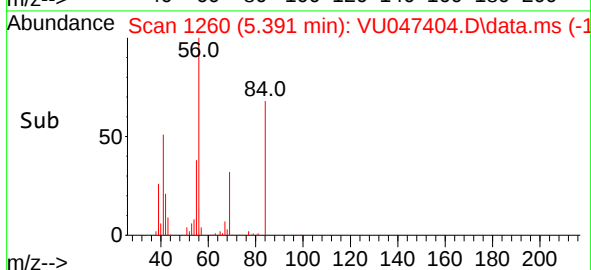
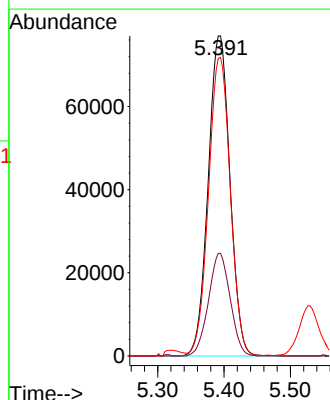
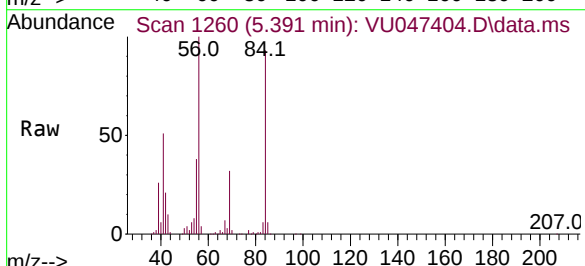
Tgt Ion: 56 Resp: 175278

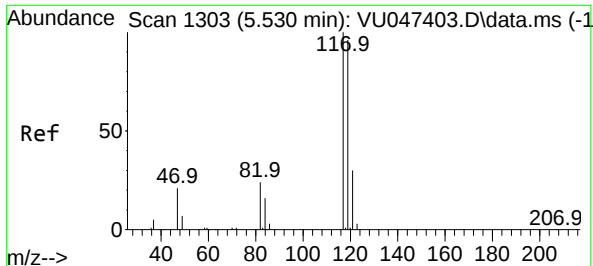
Ion Ratio Lower Upper

56 100

69 32.0 26.0 39.0

84 93.2 76.3 114.5

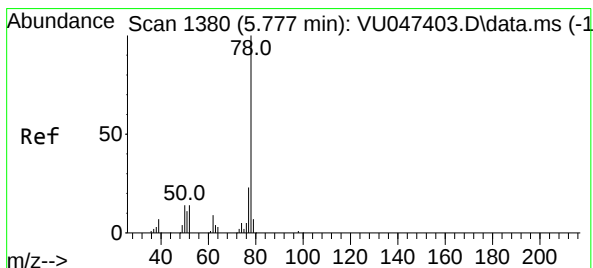
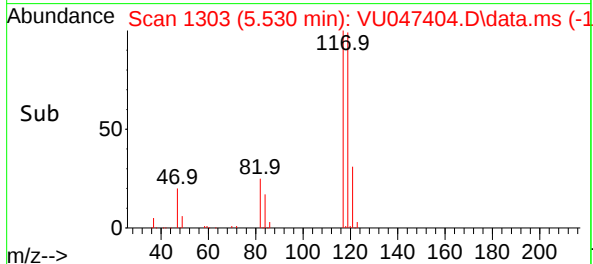
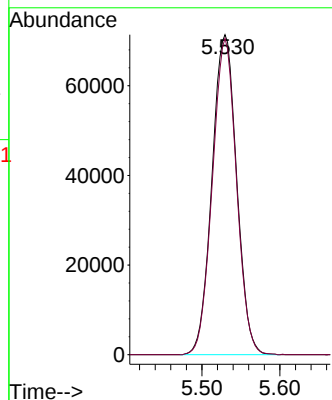
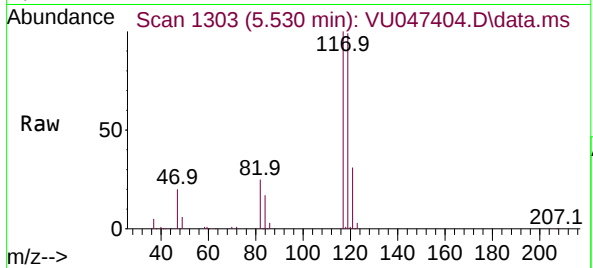




#31
Carbon tetrachloride
Concen: 9.588 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

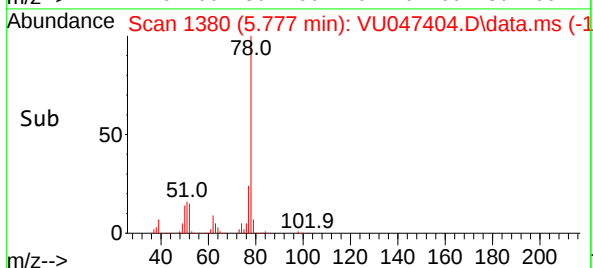
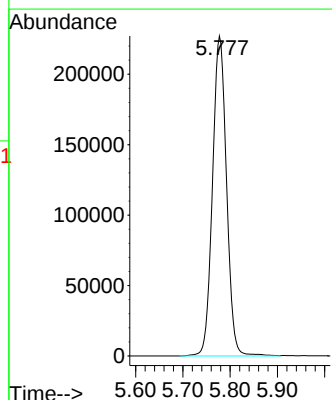
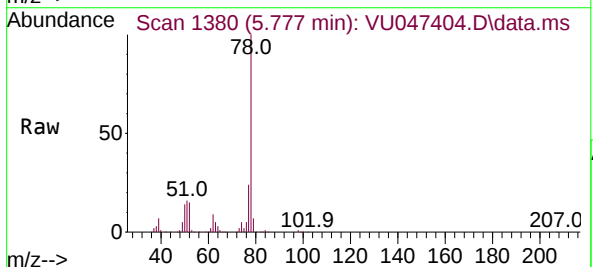
Instrument :
MSVOA_U
ClientSampleId :

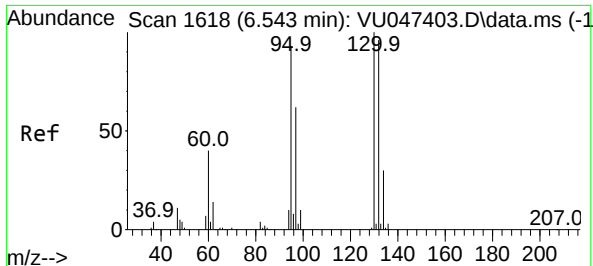
Tgt Ion:117 Resp: 157161
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8



#33
Benzene
Concen: 10.041 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion: 78 Resp: 468769





#34

Trichloroethene

Concen: 10.542 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 126702

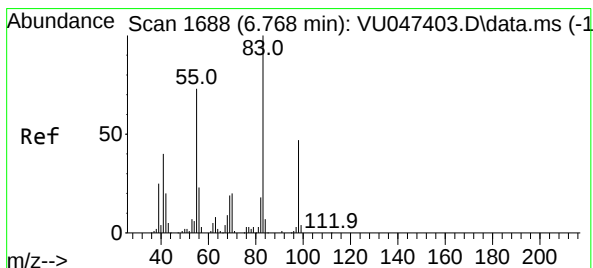
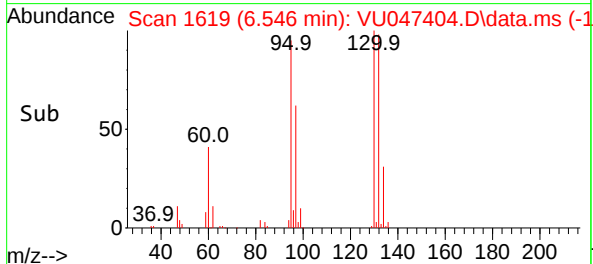
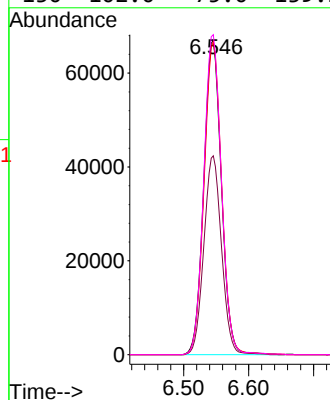
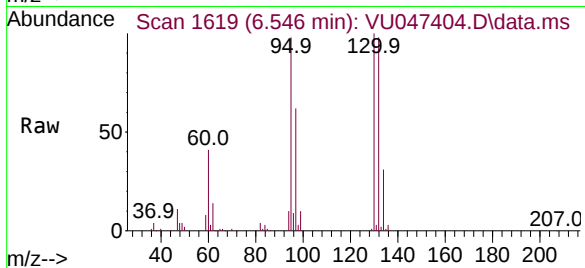
Ion Ratio Lower Upper

95 100

97 63.4 46.3 85.9

132 99.7 71.7 133.1

130 102.0 75.0 139.2



#35

Methylcyclohexane

Concen: 11.899 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

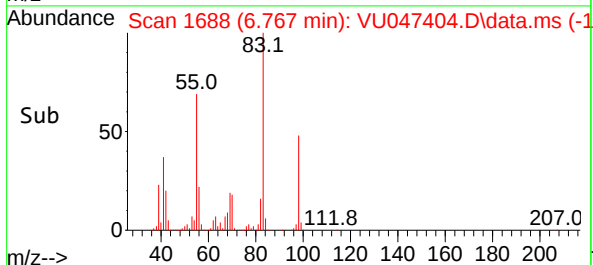
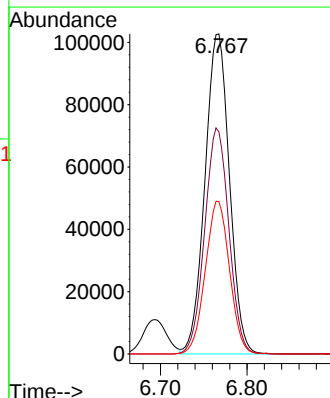
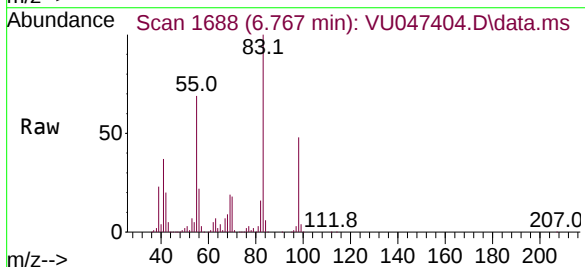
Tgt Ion: 83 Resp: 202269

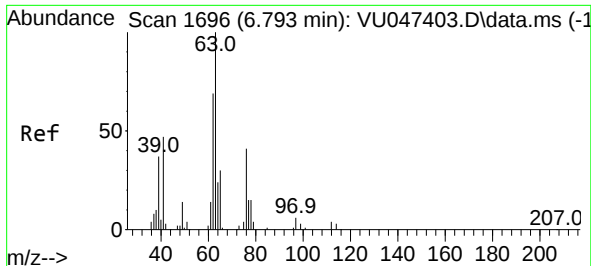
Ion Ratio Lower Upper

83 100

55 69.7 57.8 86.8

98 47.1 38.0 57.0





#37

1,2-Dichloropropane

Concen: 9.493 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

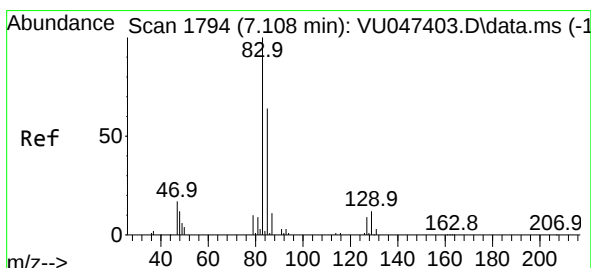
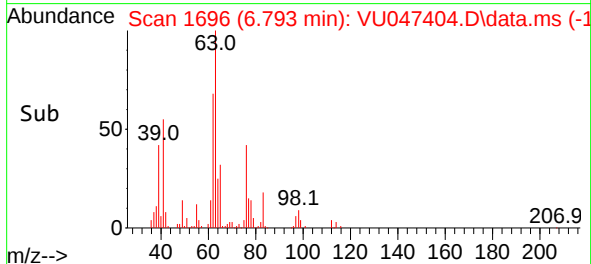
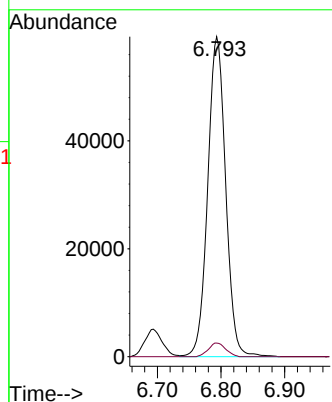
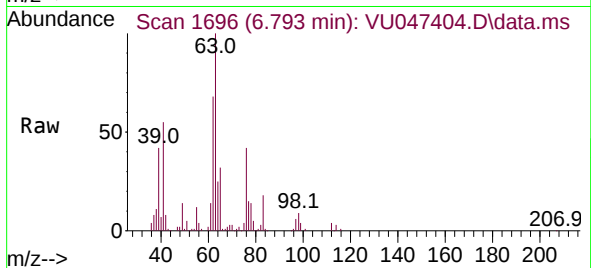
ClientSampleId :

Tgt Ion: 63 Resp: 116102

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 9.539 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

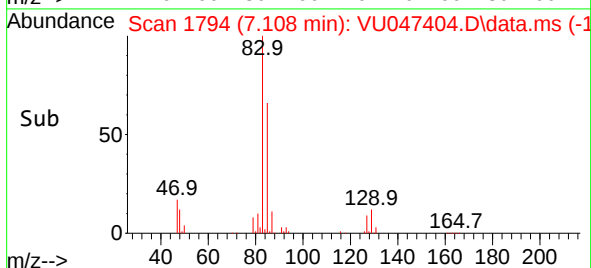
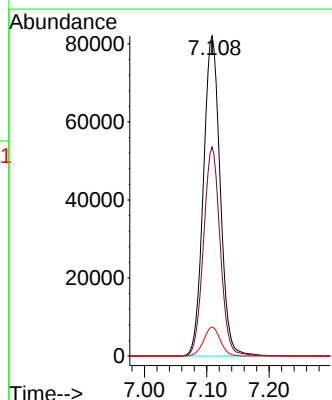
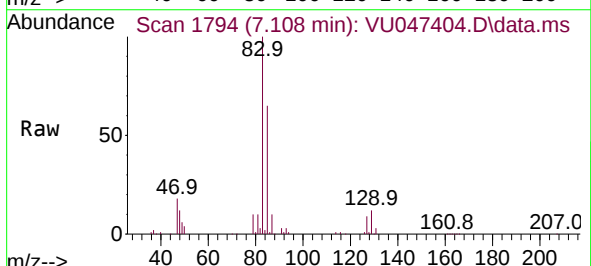
Tgt Ion: 83 Resp: 153053

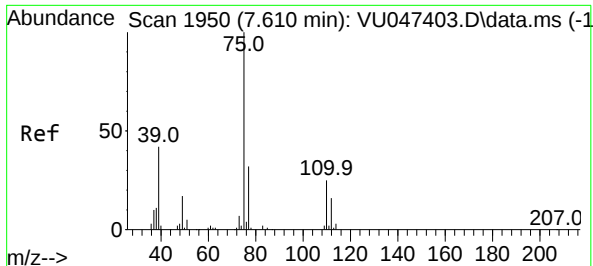
Ion Ratio Lower Upper

83 100

85 65.3 45.0 83.6

127 9.1 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 10.919 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

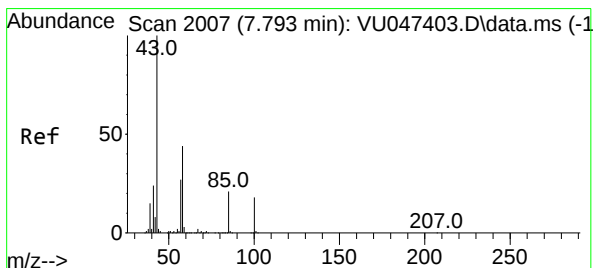
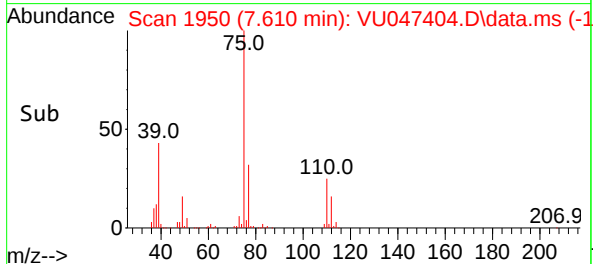
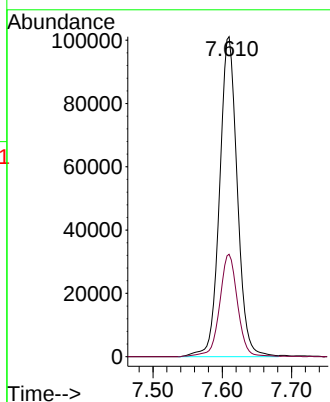
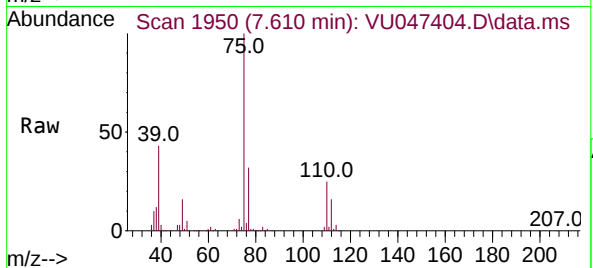
ClientSampleId :

Tgt Ion: 75 Resp: 180012

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 116.722 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

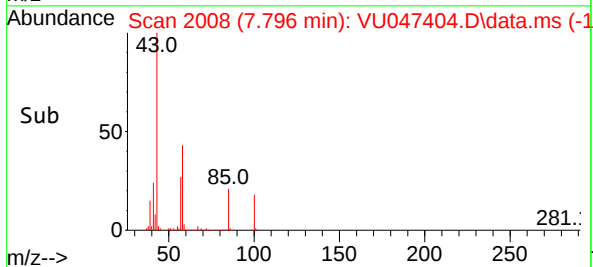
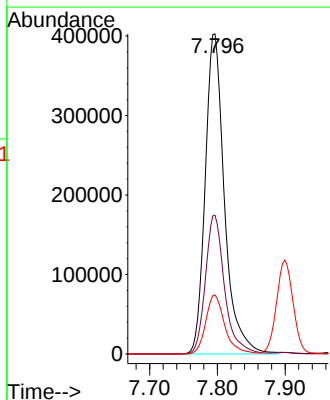
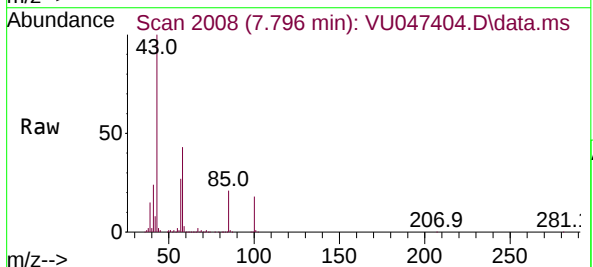
Tgt Ion: 43 Resp: 794685

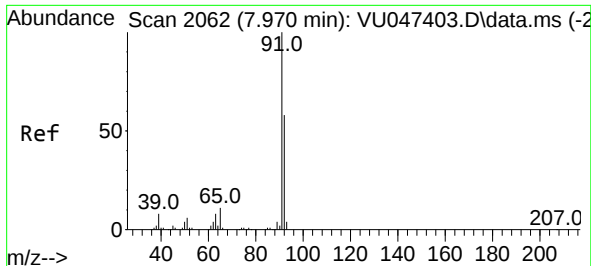
Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2

100 18.3 14.2 21.4

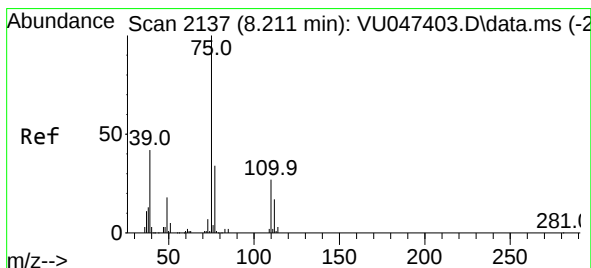
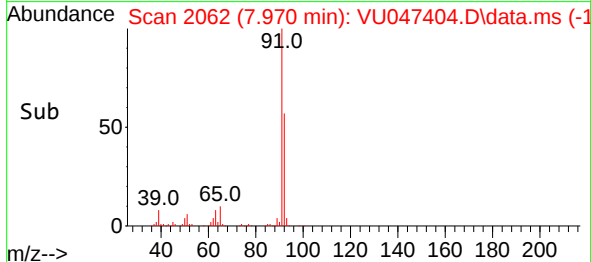
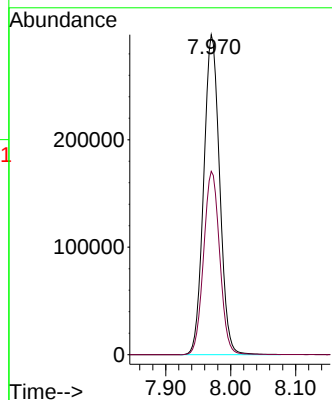
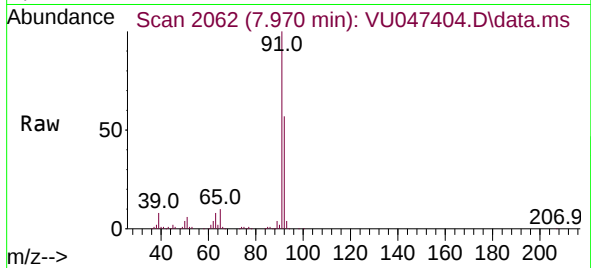




#42
Toluene
Concen: 10.606 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

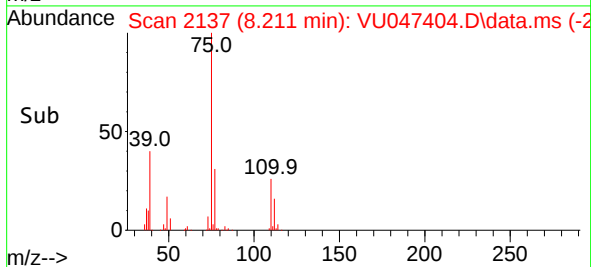
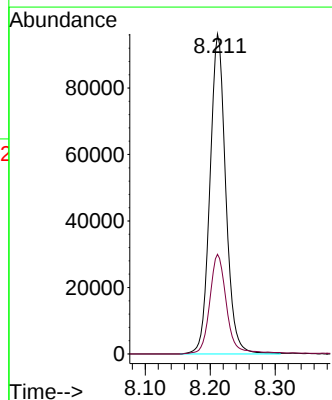
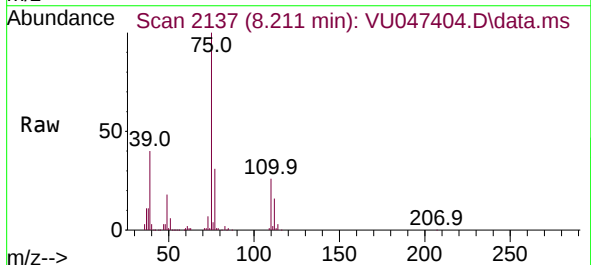
Instrument :
MSVOA_U
ClientSampleId :

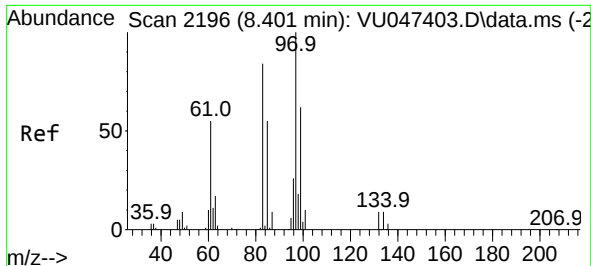
Tgt Ion: 91 Resp: 508983
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 11.186 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

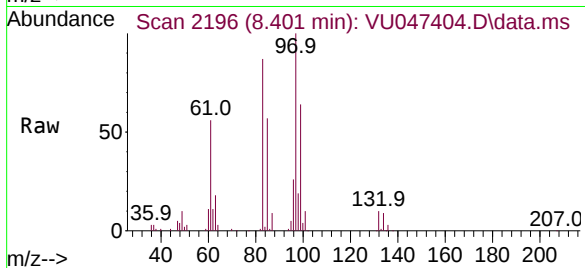
Tgt Ion: 75 Resp: 163276
Ion Ratio Lower Upper
75 100
77 31.1 23.6 43.8



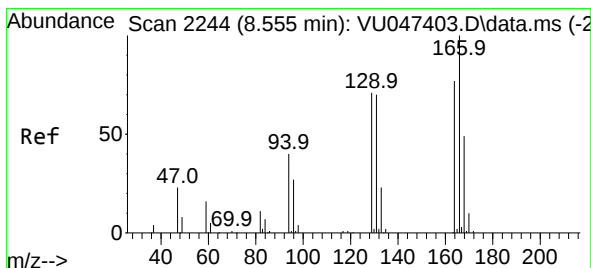
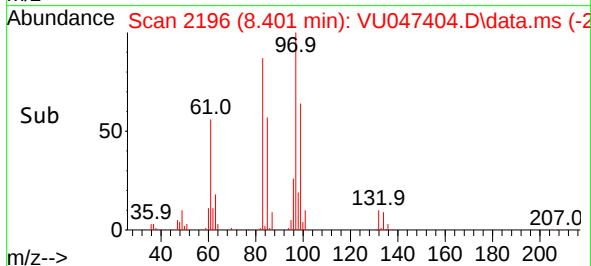
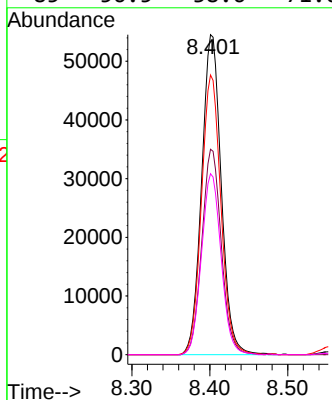


#45
1,1,2-Trichloroethane
Concen: 10.320 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :

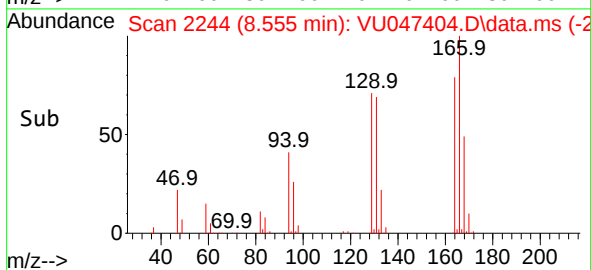
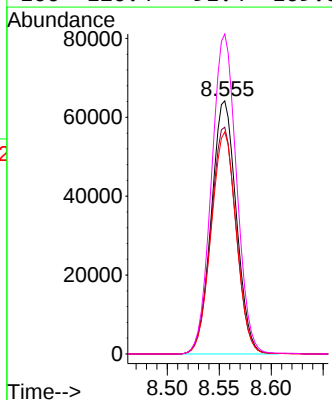
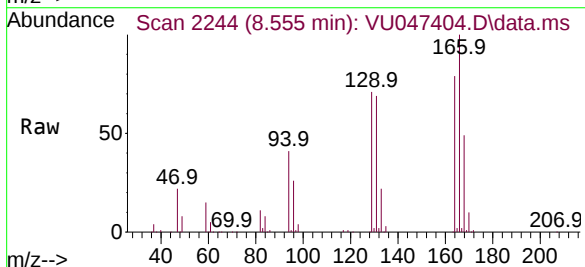


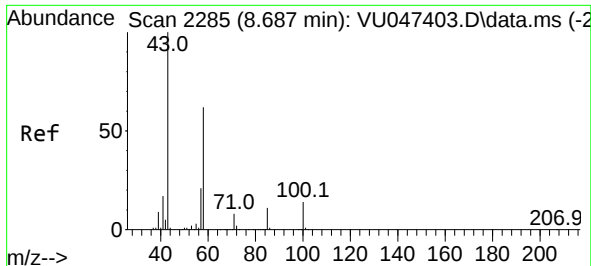
Tgt Ion:	97	Resp:	95451
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.3	80.5
83	87.4	59.1	109.9
85	56.5	38.6	71.6



#47
Tetrachloroethene
Concen: 11.389 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

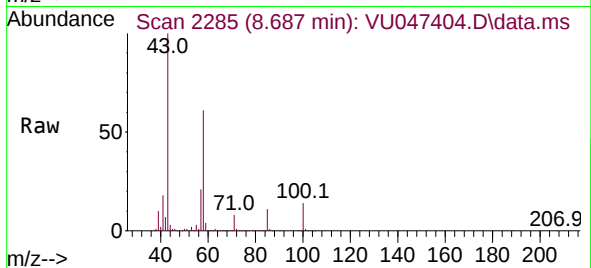
Tgt Ion:	164	Resp:	107556
Ion	Ratio	Lower	Upper
164	100		
129	89.6	64.9	120.5
131	87.7	63.6	118.2
166	126.4	91.4	169.8



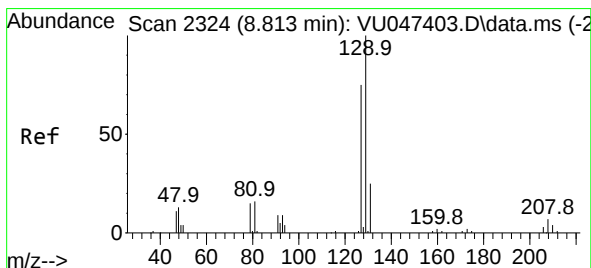
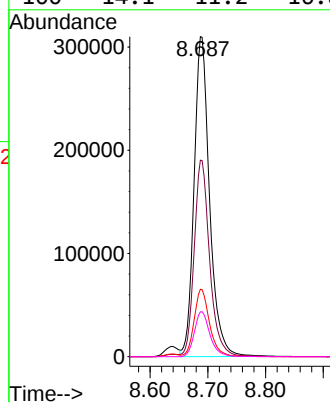
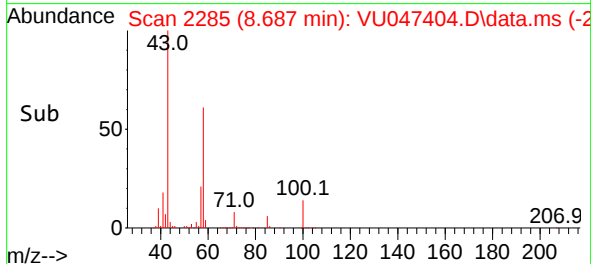


#48
2-Hexanone
Concen: 113.288 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :

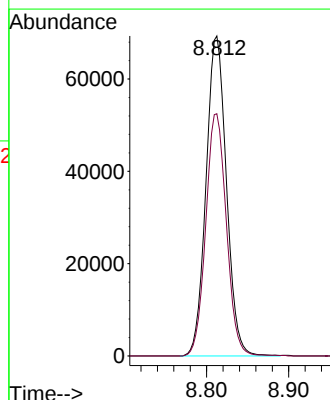
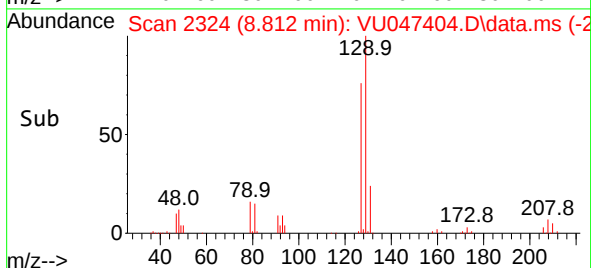
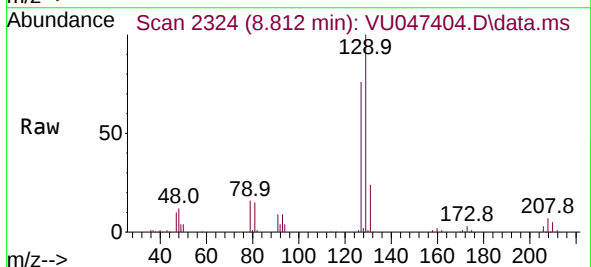


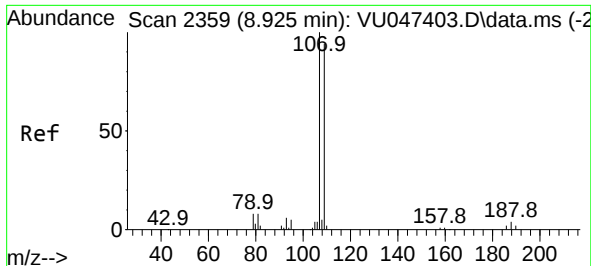
Tgt Ion: 43 Resp: 579089
Ion Ratio Lower Upper
43 100
58 61.4 47.7 71.5
57 20.8 16.6 25.0
100 14.1 11.2 16.8



#49
Dibromochloromethane
Concen: 10.905 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

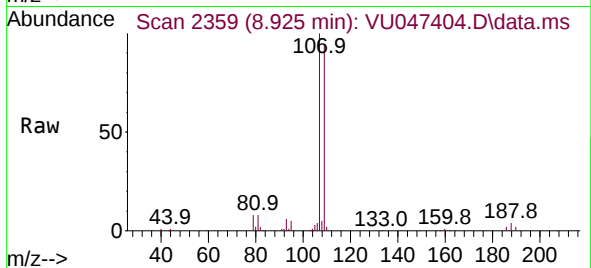
Tgt Ion: 129 Resp: 119705
Ion Ratio Lower Upper
129 100
127 75.7 52.6 97.8



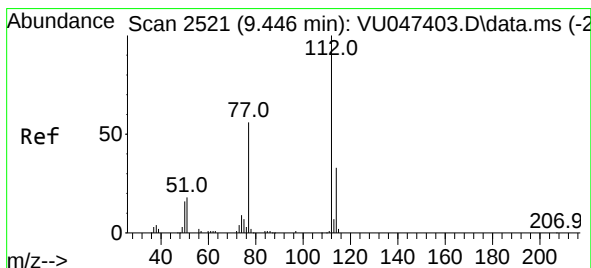
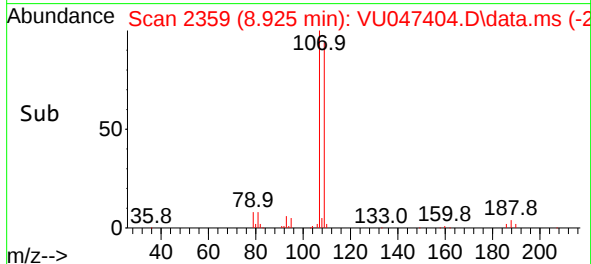
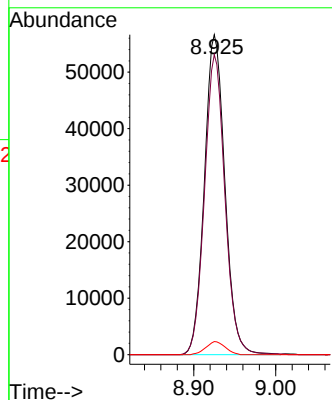


#50
 1,2-Dibromoethane
 Concen: 11.239 ug/L
 RT: 8.925 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Instrument :
 MSVOA_U
 ClientSampleId :

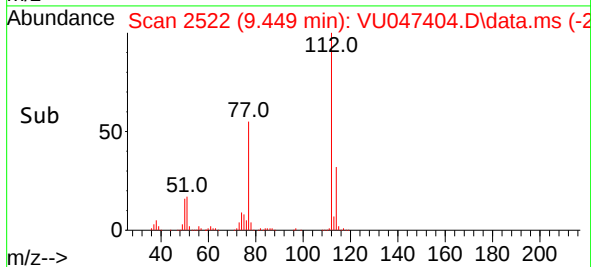
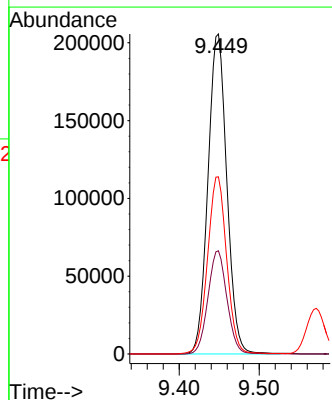
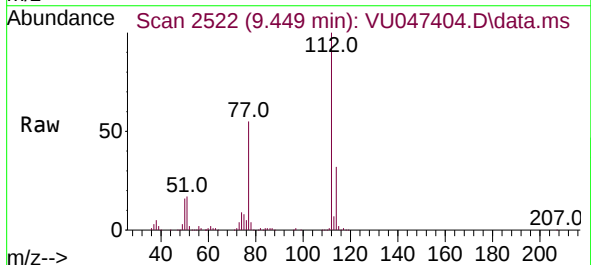


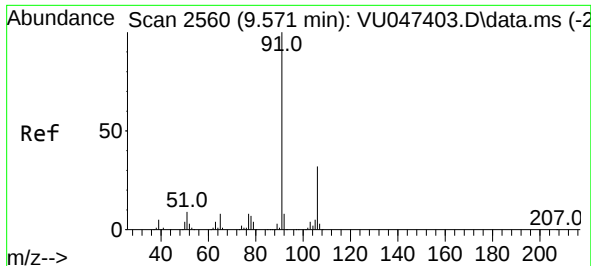
Tgt Ion:107 Resp: 98421
 Ion Ratio Lower Upper
 107 100
 109 93.7 65.8 122.2
 188 4.1 3.3 4.9



#51
 Chlorobenzene
 Concen: 10.542 ug/L
 RT: 9.449 min Scan# 2522
 Delta R.T. 0.003 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Tgt Ion:112 Resp: 337572
 Ion Ratio Lower Upper
 112 100
 114 32.2 22.8 42.4
 77 55.3 45.0 67.6

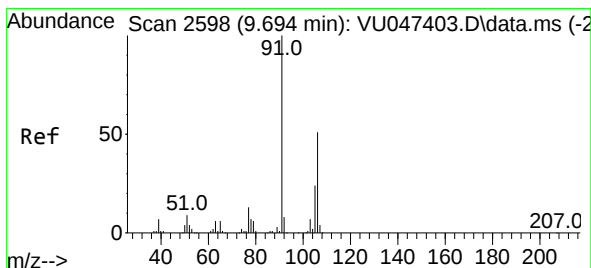
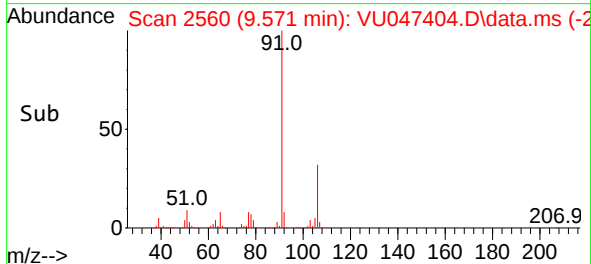
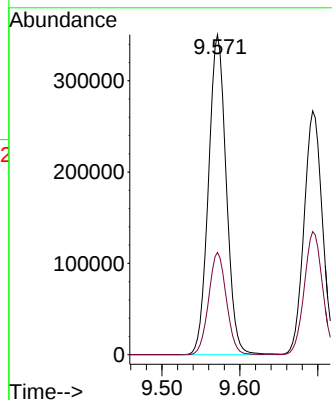
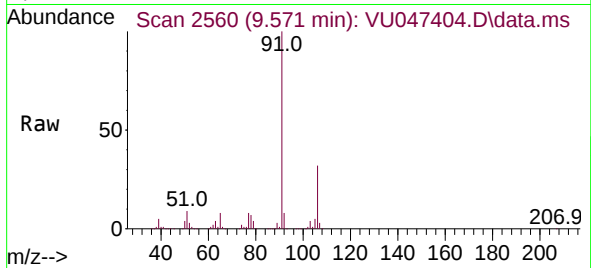




#52
Ethylbenzene
Concen: 11.190 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

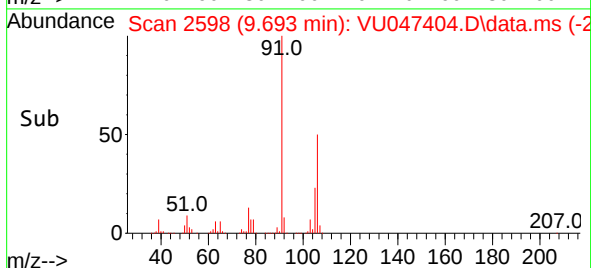
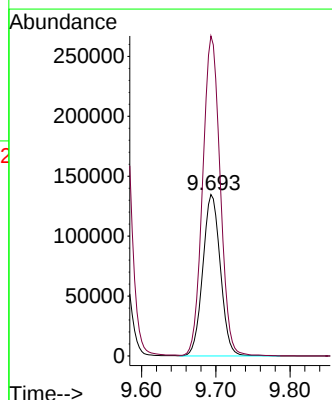
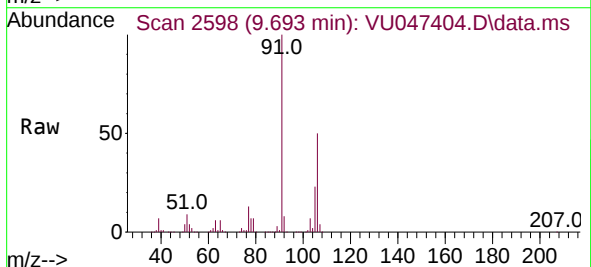
Instrument :
MSVOA_U
ClientSampleId :

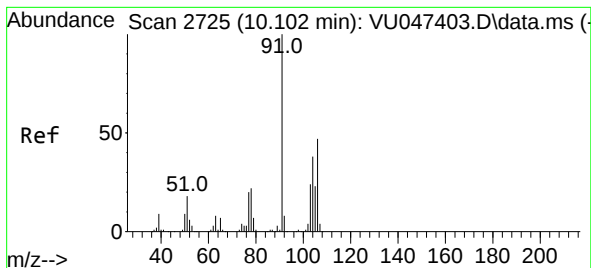
Tgt Ion: 91 Resp: 554962
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6



#53
m,p-Xylene
Concen: 11.502 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion: 106 Resp: 221133
Ion Ratio Lower Upper
106 100
91 198.2 138.8 257.8





#54

o-Xylene

Concen: 12.035 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

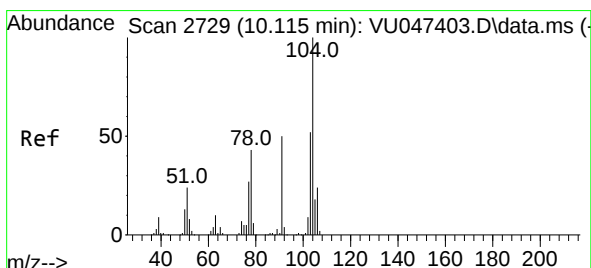
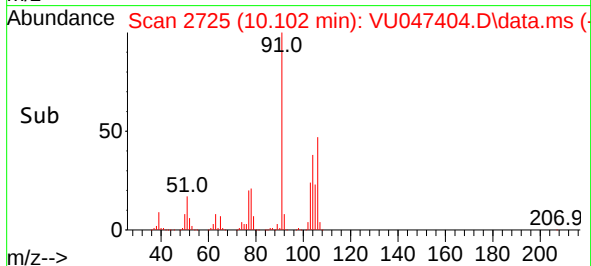
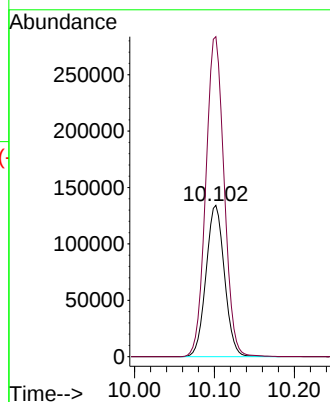
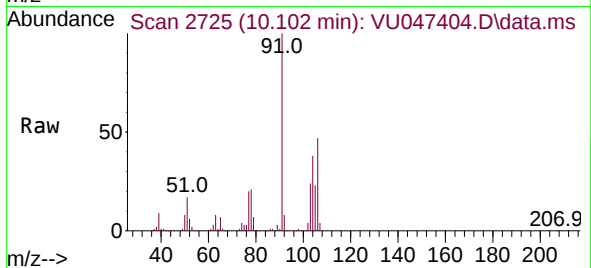
ClientSampleId :

Tgt Ion:106 Resp: 215596

Ion Ratio Lower Upper

106 100

91 211.5 149.2 277.0



#55

Styrene

Concen: 11.788 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047404.D

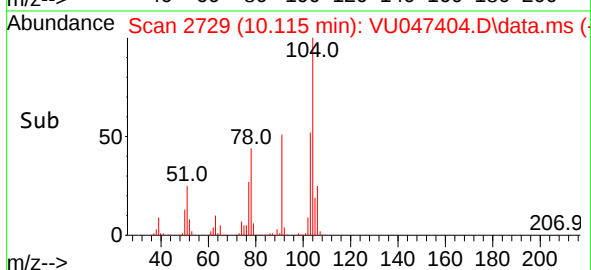
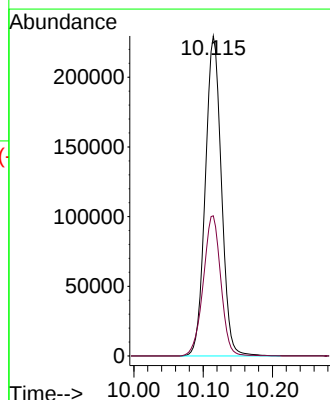
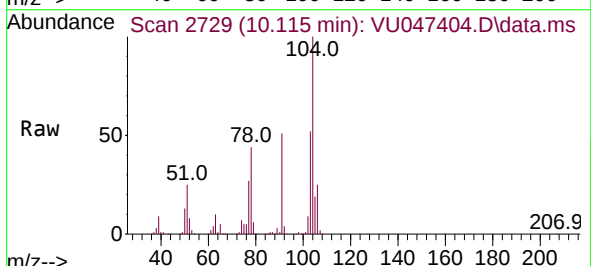
Acq: 09 Mar 2022 14:25

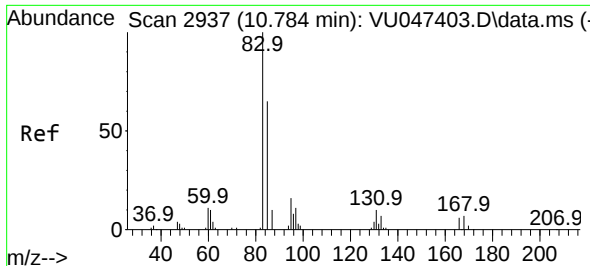
Tgt Ion:104 Resp: 369404

Ion Ratio Lower Upper

104 100

78 43.8 30.4 56.4

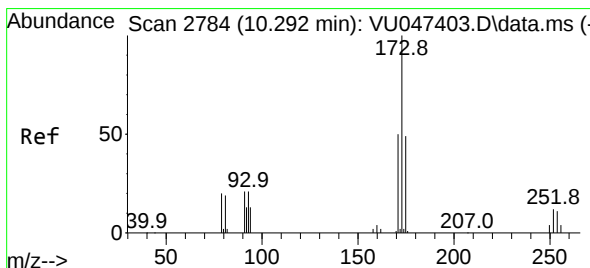
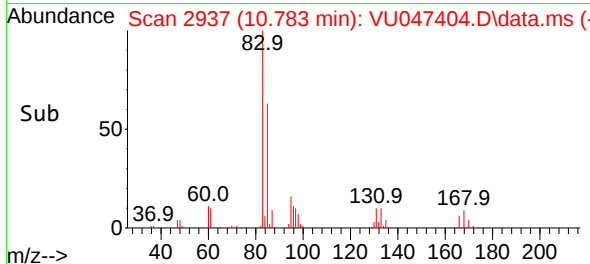
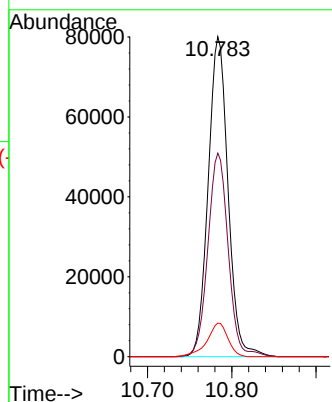
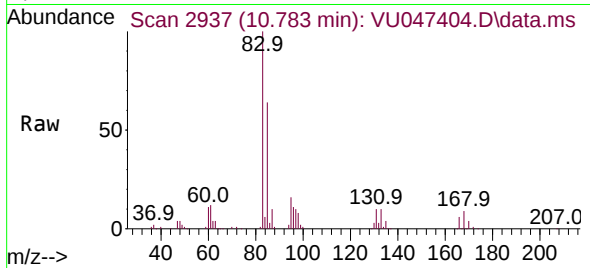




#57
1,1,2,2-Tetrachloroethane
Concen: 10.854 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

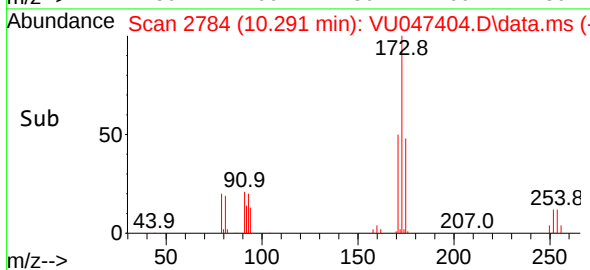
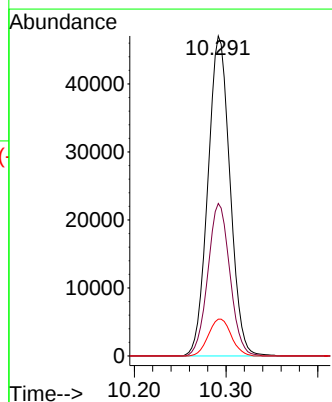
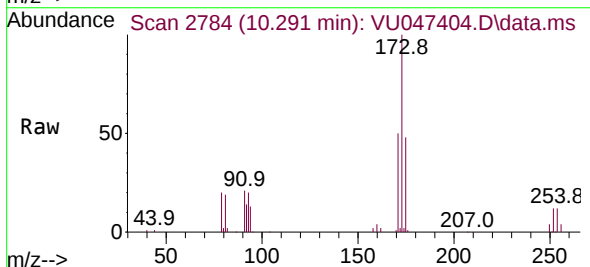
Instrument :
MSVOA_U
ClientSampleId :

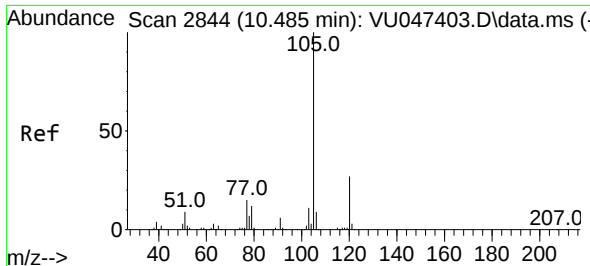
Tgt Ion: 83 Resp: 131332
Ion Ratio Lower Upper
83 100
85 63.6 46.0 85.4
131 10.5 8.2 12.4



#59
Bromoform
Concen: 11.960 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion:173 Resp: 78692
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 12.0 9.0 13.4

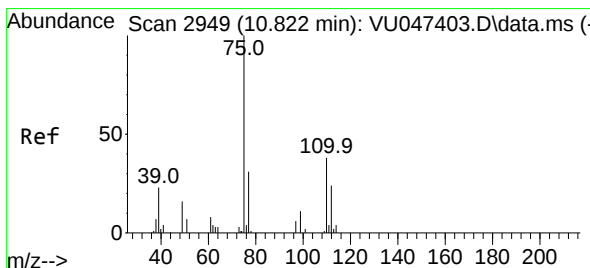
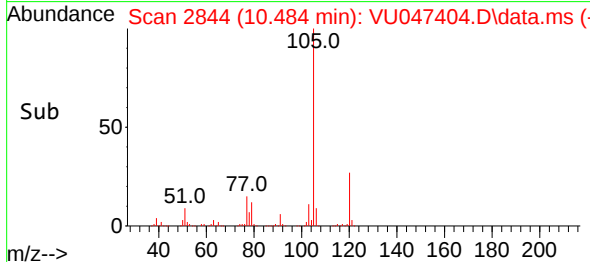
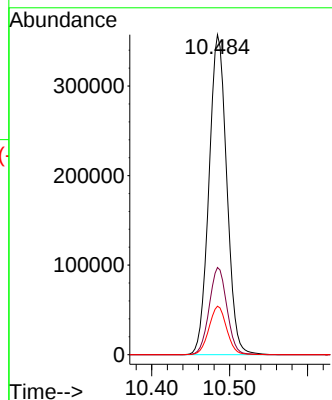
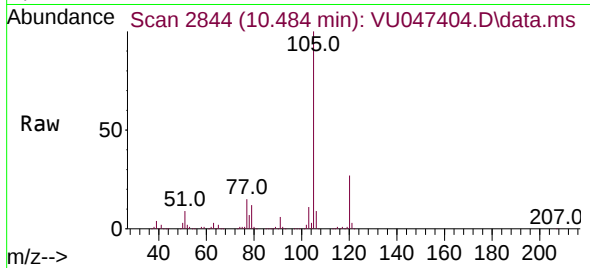




#60
Isopropylbenzene
Concen: 11.373 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

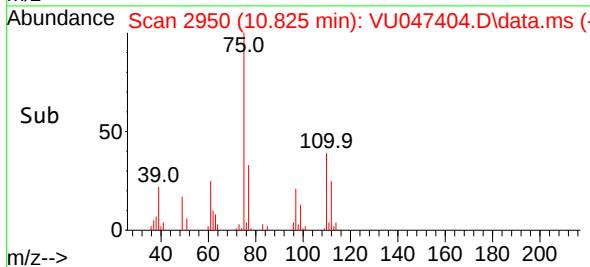
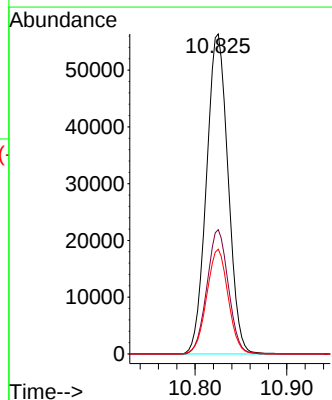
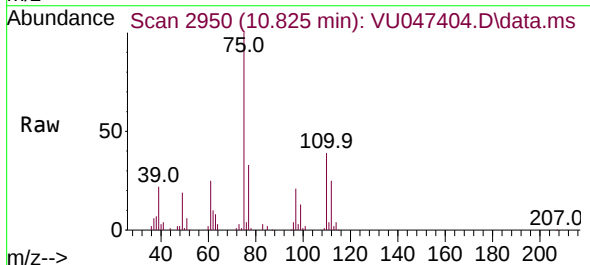
Instrument :
MSVOA_U
ClientSampleId :

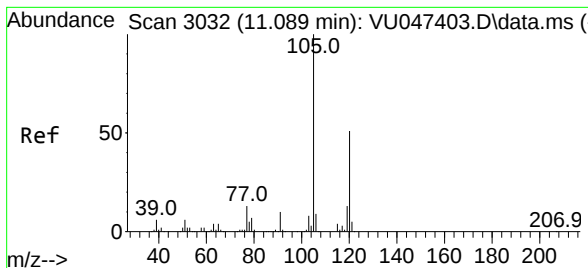
Tgt Ion:105 Resp: 565636
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 10.045 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion: 75 Resp: 92423
Ion Ratio Lower Upper
75 100
110 38.4 31.0 46.4
77 32.5 26.2 39.4

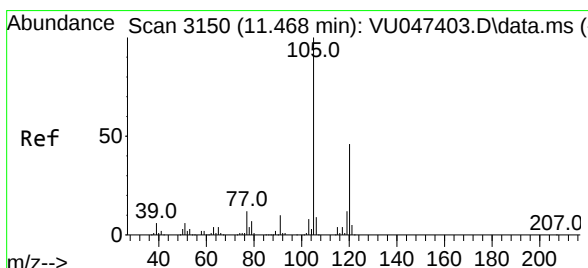
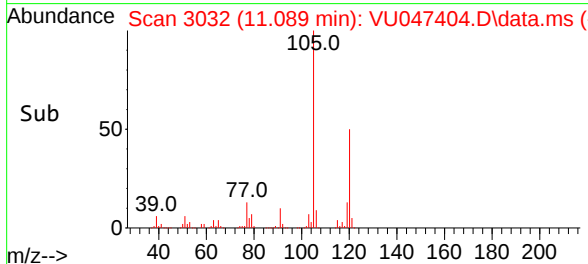
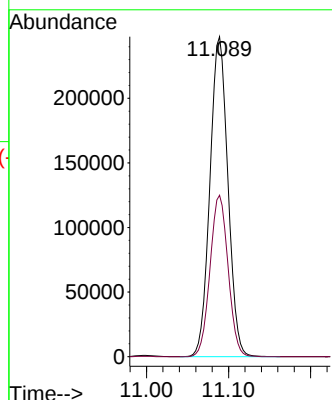
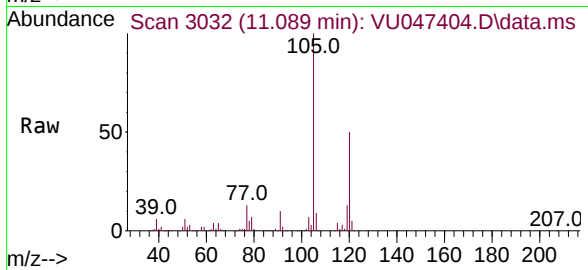




#62
 1,3,5-Trimethylbenzene
 Concen: 10.069 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

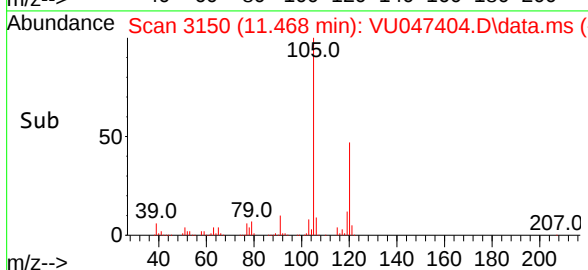
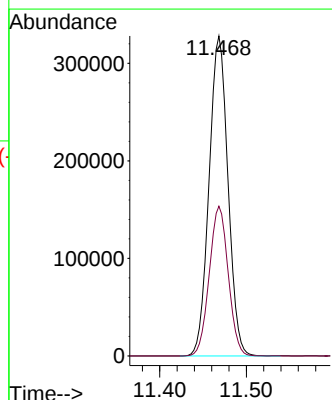
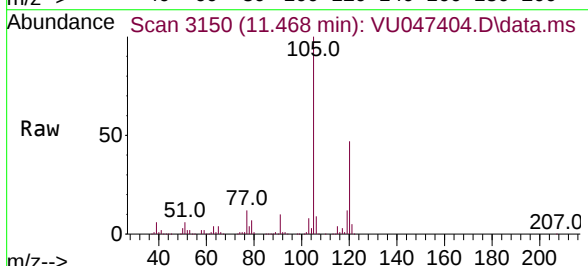
Instrument :
 MSVOA_U
 ClientSampleId :

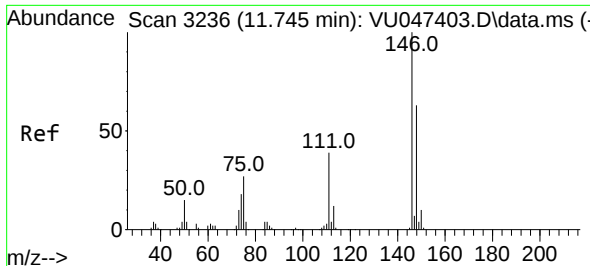
Tgt Ion:105 Resp: 377579
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 12.418 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Tgt Ion:105 Resp: 496965
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.2 55.8

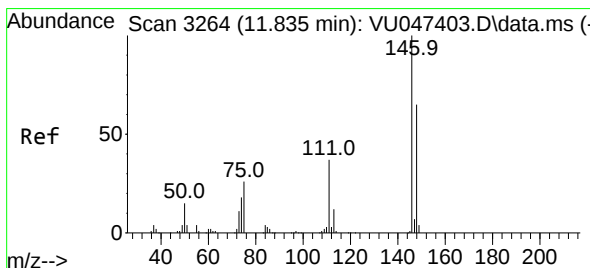
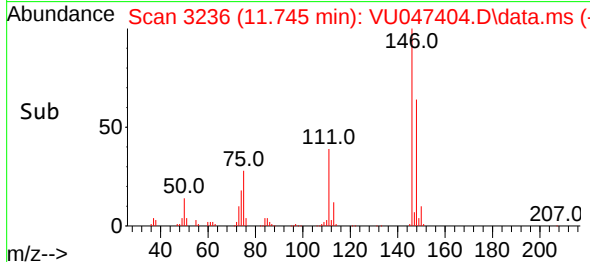
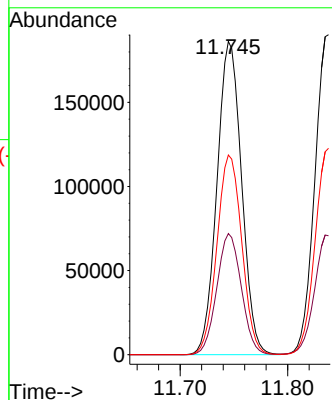
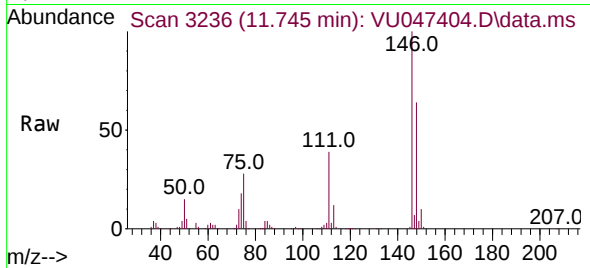




#64
1,3-Dichlorobenzene
Concen: 11.110 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

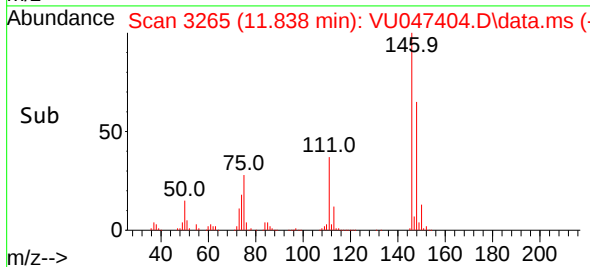
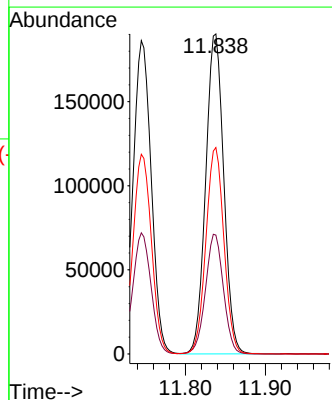
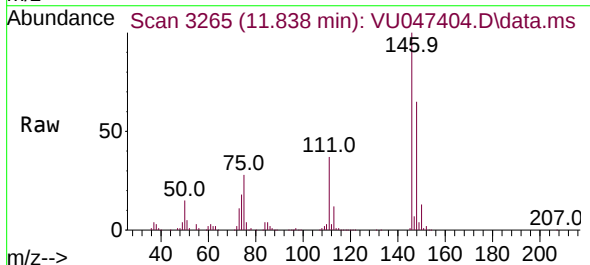
Instrument :
MSVOA_U
ClientSampleId :

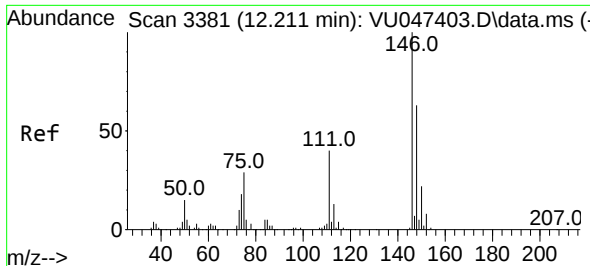
Tgt Ion:146 Resp: 296139
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 63.7 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 10.955 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion:146 Resp: 298850
Ion Ratio Lower Upper
146 100
111 37.1 26.1 48.5
148 64.5 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 11.141 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

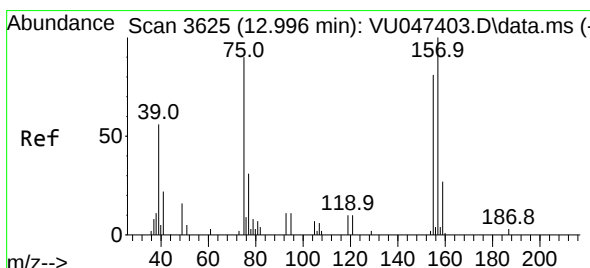
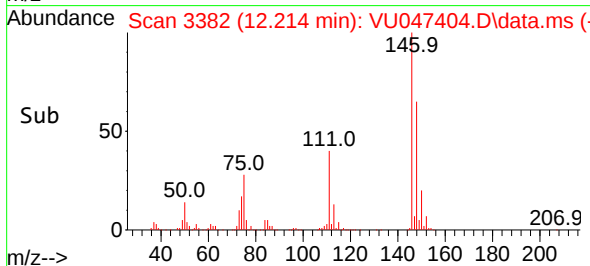
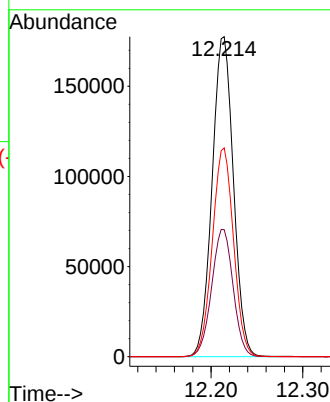
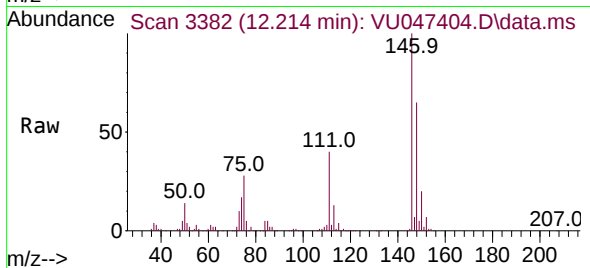
Tgt Ion:146 Resp: 286077

Ion Ratio Lower Upper

146 100

111 39.7 31.9 47.9

148 65.2 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 10.511 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047404.D

Acq: 09 Mar 2022 14:25

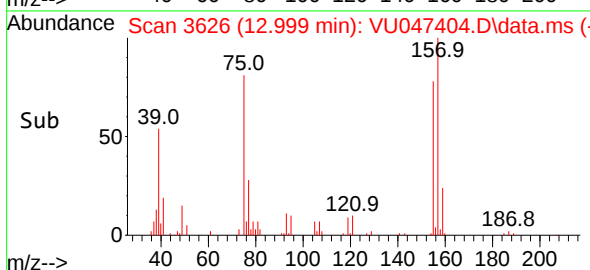
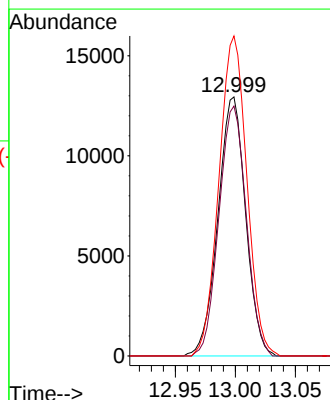
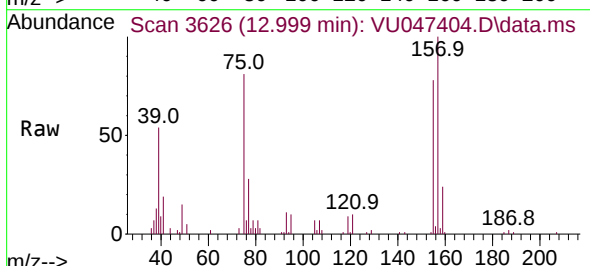
Tgt Ion: 75 Resp: 20778

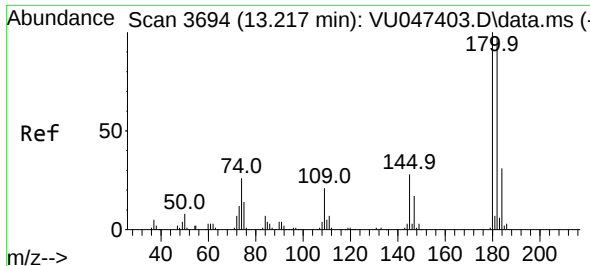
Ion Ratio Lower Upper

75 100

155 96.5 71.3 106.9

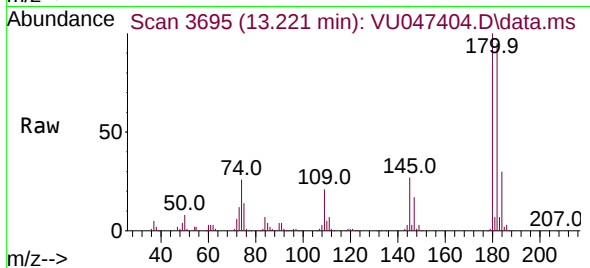
157 123.5 88.6 132.8



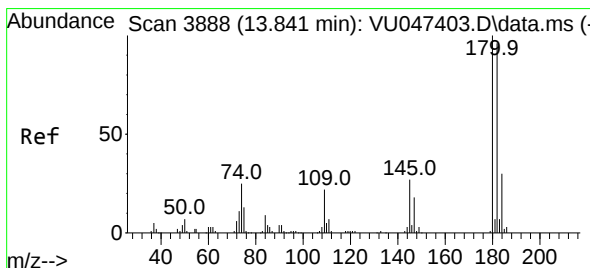
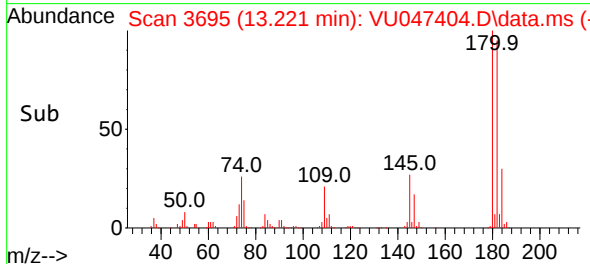
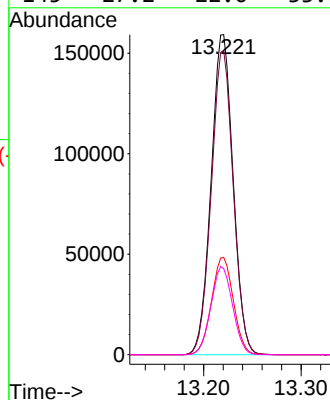


#69
 1,3,5-Trichlorobenzene
 Concen: 12.093 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Instrument :
 MSVOA_U
 ClientSampleId :

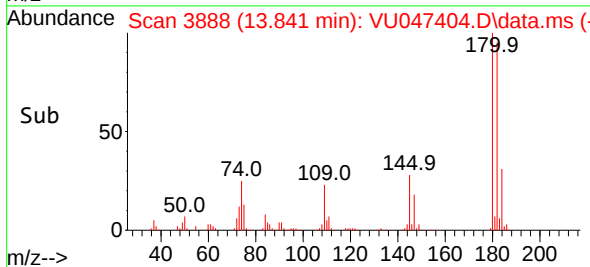
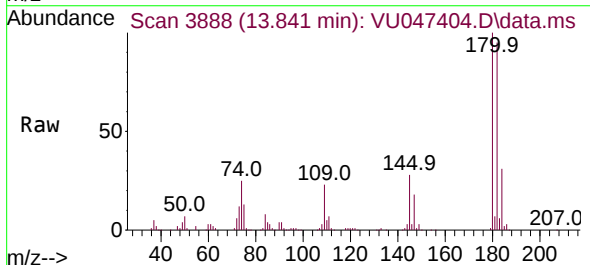
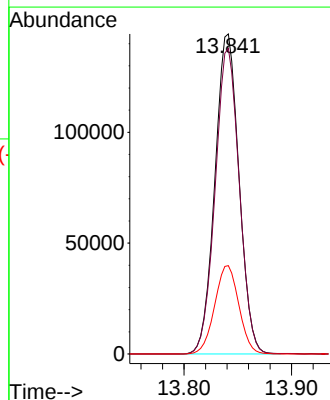


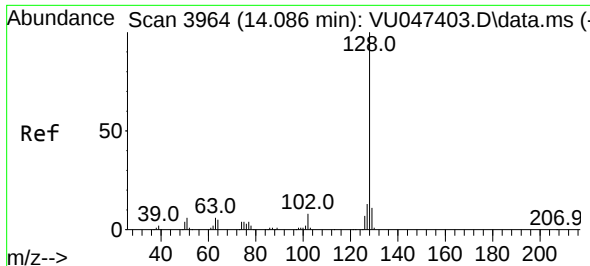
Tgt Ion:180 Resp: 249443
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 184 30.3 25.0 37.4
 145 27.2 22.0 33.0



#70
 1,2,4-trichlorobenzene
 Concen: 13.031 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047404.D
 Acq: 09 Mar 2022 14:25

Tgt Ion:180 Resp: 224707
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 27.7 22.4 33.6

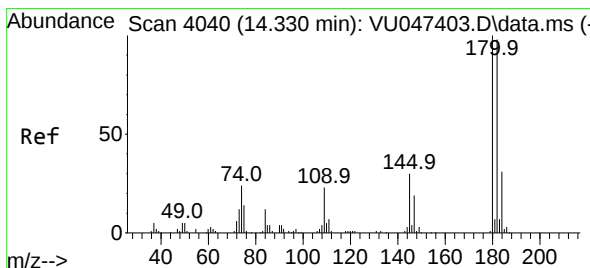
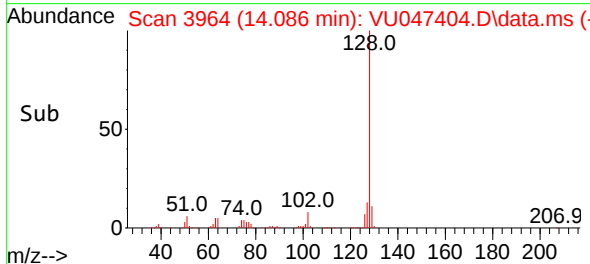
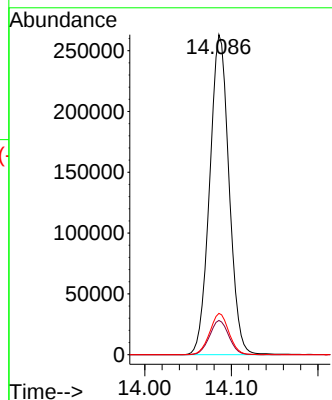
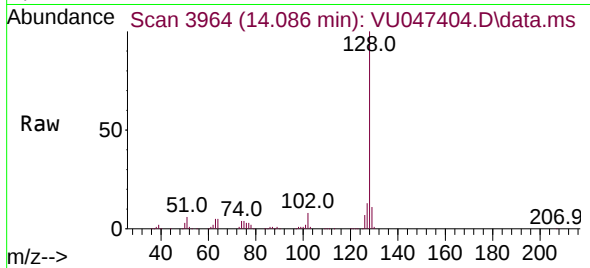




#71
Naphthalene
Concen: 13.584 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 408436
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 12.638 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047404.D
Acq: 09 Mar 2022 14:25

Tgt Ion:180 Resp: 204319
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 29.5 23.4 35.2

