

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U031722\
 Data File : U047606.D
 Acq On : 17 Mar 2022 14:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 18 01:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 01:27:05 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	126308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53759	6.508	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 130.200%#		
7) Chloroethane-d5	1.919	69	40659	5.423	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.400%		
11) 1,1-Dichloroethene-d2	2.572	65	21280	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.800%		
20) 2-Butanone-d5	4.642	46	97933	41.204	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 82.400%		
24) Chloroform-d	5.070	84	89118	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	5.706	65	46610	4.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.800%		
32) Benzene-d6	5.732	84	176805	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
36) 1,2-Dichloropropane-d6	6.694	67	53229	4.624	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.400%		
41) Toluene-d8	7.899	98	173264	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.000%		
43) trans-1,3-Dichloroprop...	8.182	79	24048	4.969	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.639	63	109574	43.676	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 87.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49475	4.304	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 86.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	72033	4.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 97.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41245	5.307	ug/L	98
3) Chloromethane	1.523	50	37221	4.884	ug/L	98
5) Vinyl chloride	1.607	62	40070	5.098	ug/L	100
6) Bromomethane	1.861	94	19838	5.365	ug/L	99
8) Chloroethane	1.938	64	25076	5.279	ug/L	98
9) Trichlorofluoromethane	2.144	101	59244	5.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36393	5.595	ug/L	98
12) 1,1-Dichloroethene	2.584	96	32612	5.183	ug/L	96
13) Acetone	2.652	43	42268	45.610	ug/L	93
14) Carbon disulfide	2.800	76	90002	4.754	ug/L	100
15) Methyl Acetate	2.967	43	10748	4.201	ug/L	90
16) Methylene chloride	3.051	84	39462	4.251	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	79441	4.920	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	33789	4.995	ug/L	96
19) 1,1-Dichloroethane	3.877	63	60892	5.117	ug/L	99
21) 2-Butanone	4.723	43	82821	46.973	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	38948	5.190	ug/L	94
23) Bromochloromethane	4.980	128	19588	5.143	ug/L	96
25) Chloroform	5.092	83	67663	5.172	ug/L	95

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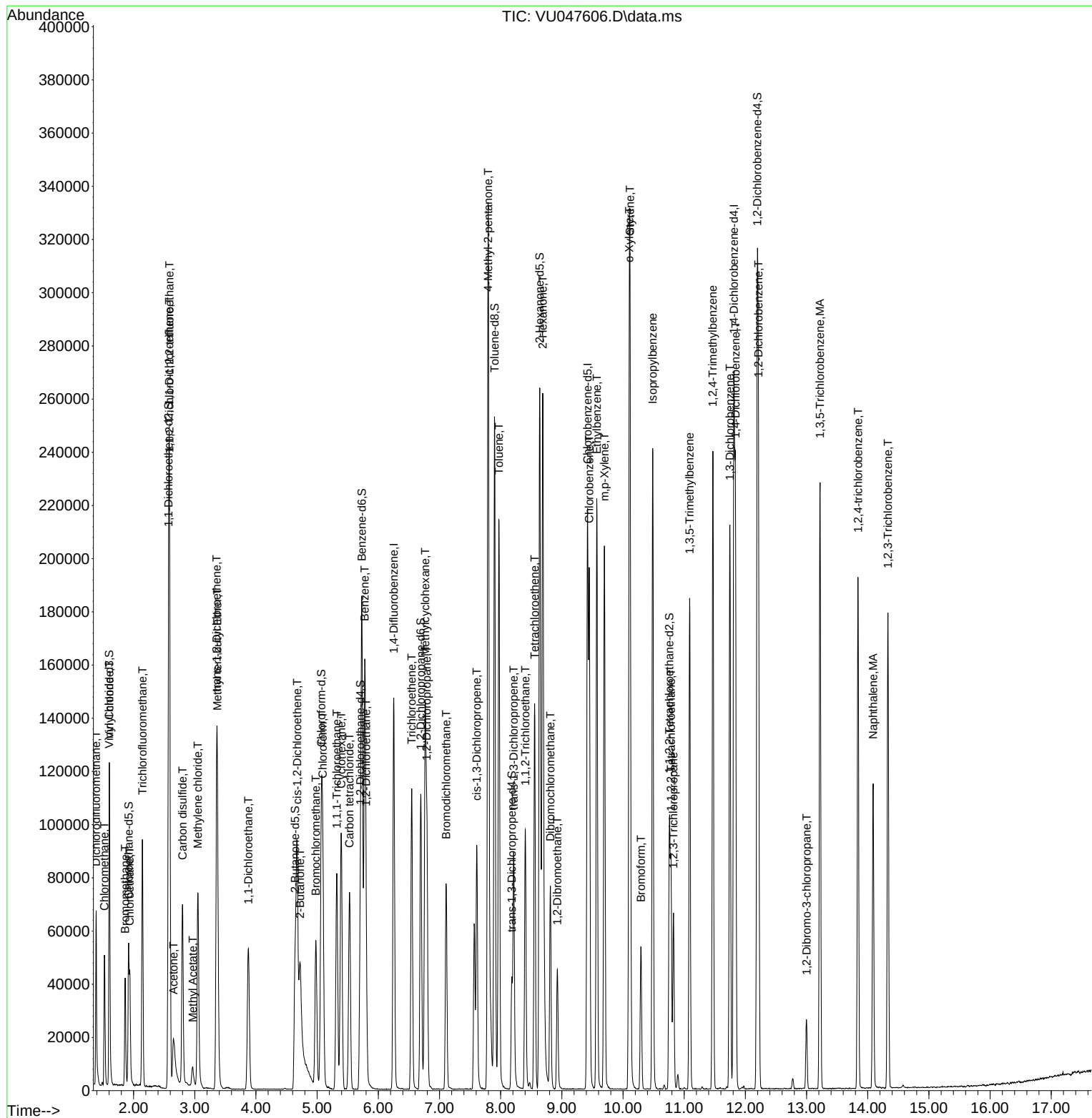
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	43293	5.174	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	57914	5.179	ug/L	99
30) Cyclohexane	5.395	56	45592	4.721	ug/L	100
31) Carbon tetrachloride	5.530	117	51748	5.261	ug/L	100
33) Benzene	5.777	78	143386	5.047	ug/L	100
34) Trichloroethene	6.546	95	38402	5.100	ug/L	98
35) Methylcyclohexane	6.768	83	53559	4.943	ug/L	99
37) 1,2-Dichloropropane	6.793	63	37374	5.133	ug/L	100
38) Bromodichloromethane	7.108	83	51872	5.174	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54325	4.801	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	230691	45.452	ug/L	100
42) Toluene	7.970	91	162877	5.288	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	50345	4.988	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	31717	5.081	ug/L	99
47) Tetrachloroethene	8.555	164	33919	5.282	ug/L	98
48) 2-Hexanone	8.687	43	174073	45.064	ug/L	98
49) Dibromochloromethane	8.812	129	39657	5.157	ug/L	97
50) 1,2-Dibromoethane	8.925	107	31012	5.024	ug/L	99
51) Chlorobenzene	9.449	112	106973	5.085	ug/L	99
52) Ethylbenzene	9.571	91	156918	4.810	ug/L	99
53) m,p-Xylene	9.697	106	61274	4.858	ug/L	95
54) o-Xylene	10.102	106	59555	4.779	ug/L	98
55) Styrene	10.115	104	105510	4.930	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	40227	4.807	ug/L	95
59) Bromoform	10.291	173	24940	4.978	ug/L	99
60) Isopropylbenzene	10.484	105	156049	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28016	4.703	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	100029	4.883	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	130507	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	91032	5.087	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	92049	5.036	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	88542	5.005	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6512	4.557	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	75696	5.004	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	62989	4.734	ug/L	99
71) Naphthalene	14.089	128	95083	3.850	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59374	4.650	ug/L	98

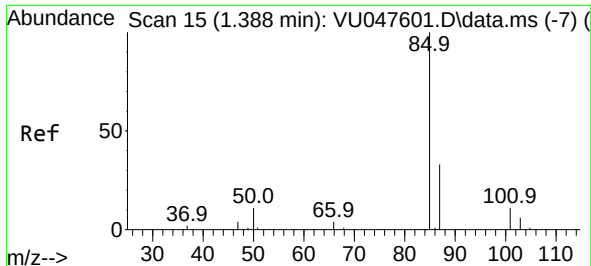
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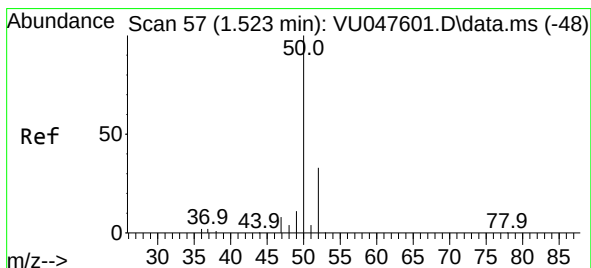
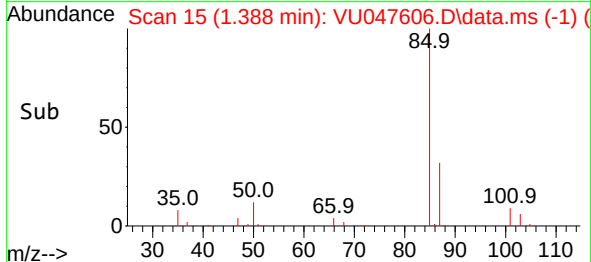
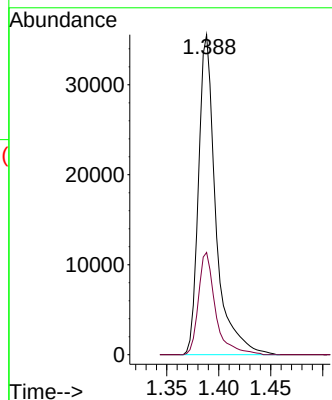
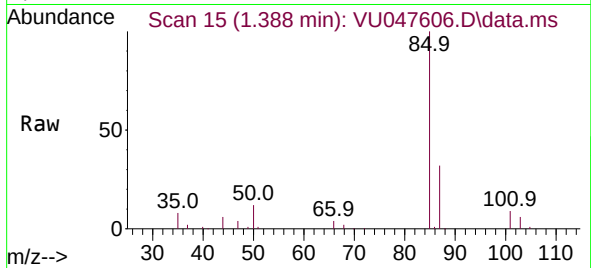




#2
Dichlorodifluoromethane
Concen: 5.307 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

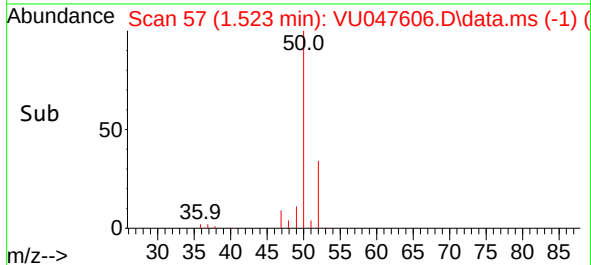
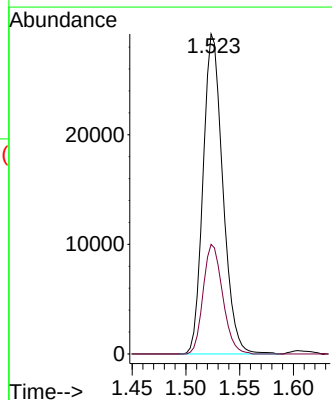
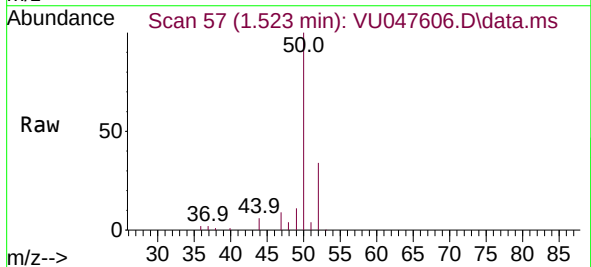
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ClientSampleId :

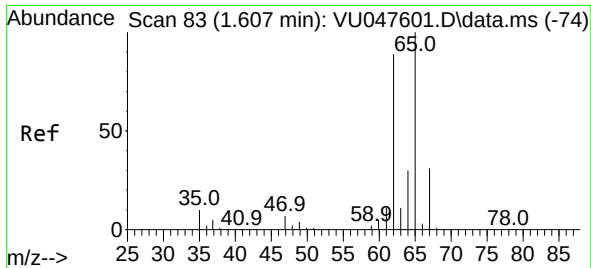
Tgt Ion: 85 Resp: 41245
Ion Ratio Lower Upper
85 100
87 31.6 26.2 39.4



#3
Chloromethane
Concen: 4.884 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 50 Resp: 37221
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.0

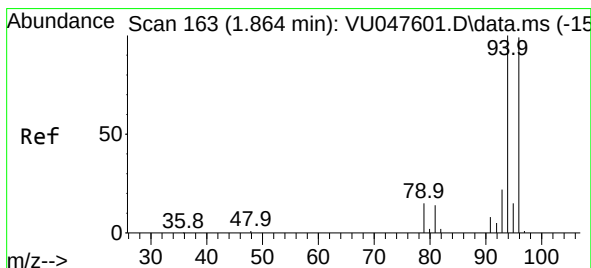
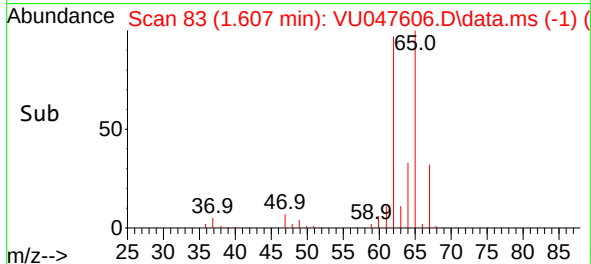
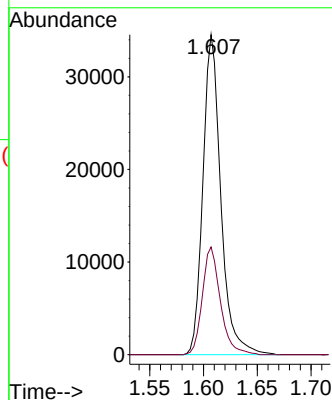
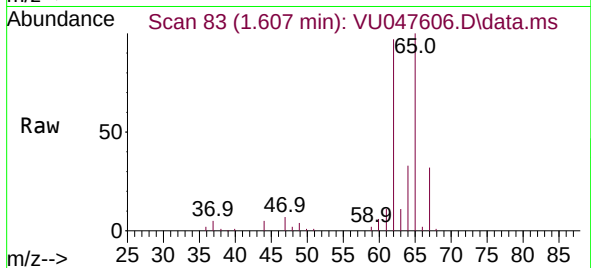




#5
 Vinyl chloride
 Concen: 5.098 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

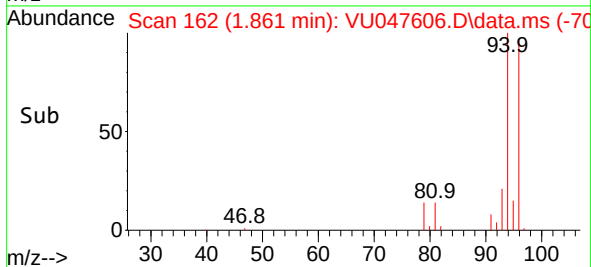
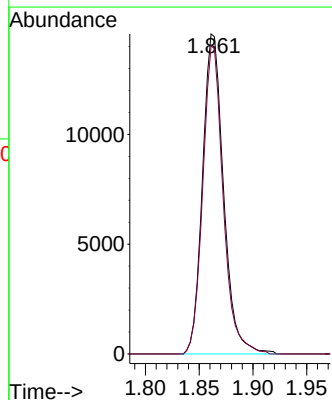
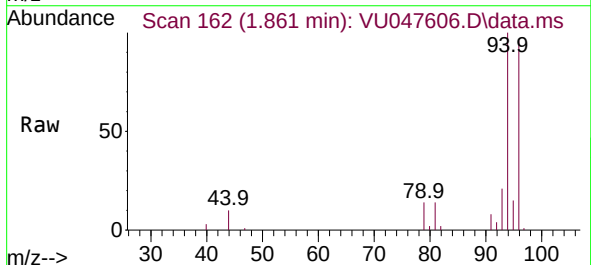
Instrument :
 MSVOA_U
 ClientSampleId :

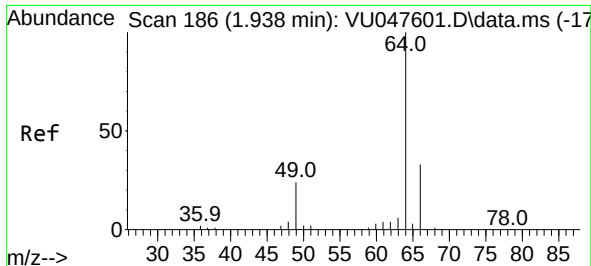
Tgt Ion: 62 Resp: 40070
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 5.365 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

Tgt Ion: 94 Resp: 19838
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.5 123.5

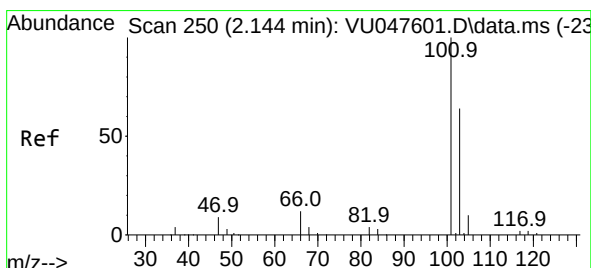
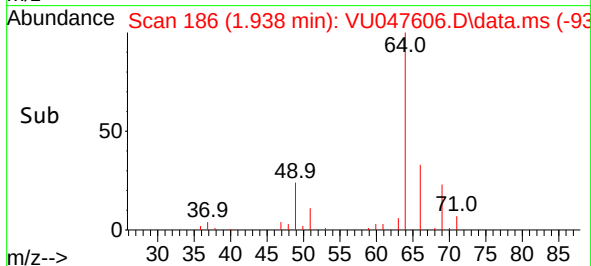
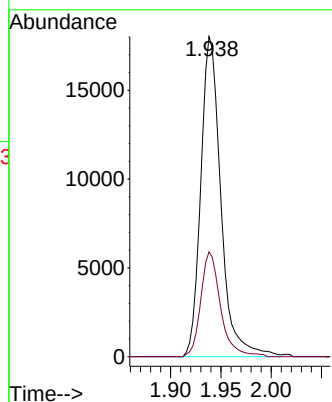
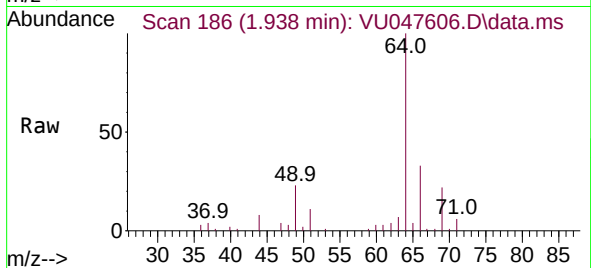




#8
Chloroethane
Concen: 5.279 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

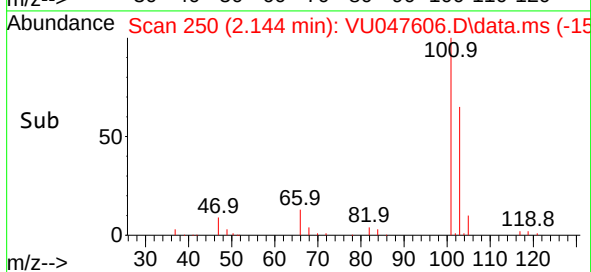
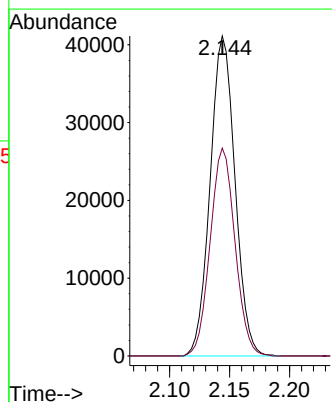
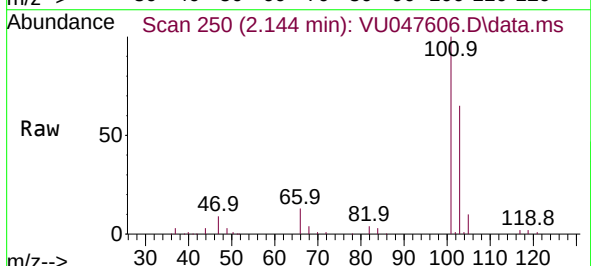
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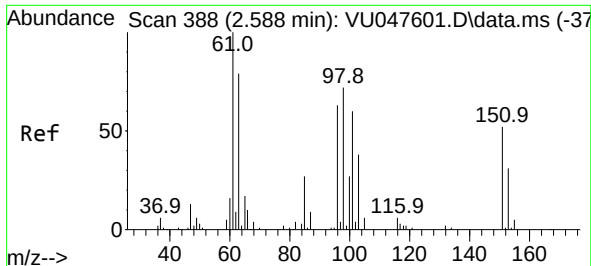
Tgt Ion: 64 Resp: 25076
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.749 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047606.D
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Tgt Ion:101 Resp: 59244
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

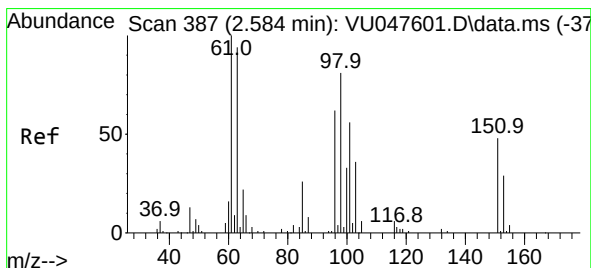
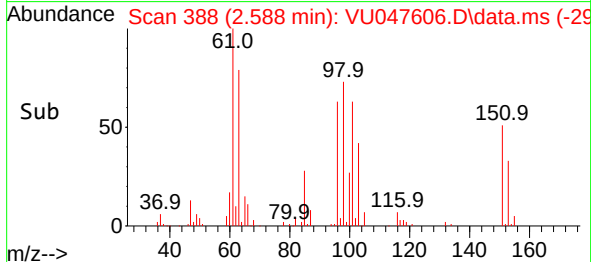
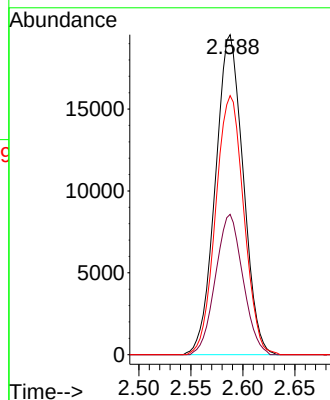
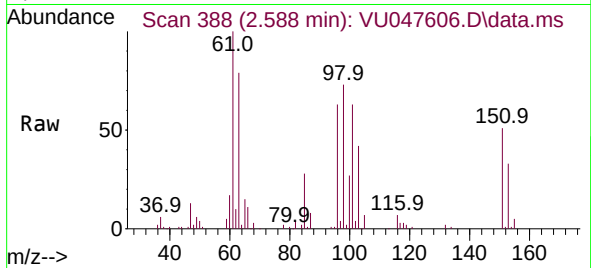




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.595 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047606.D
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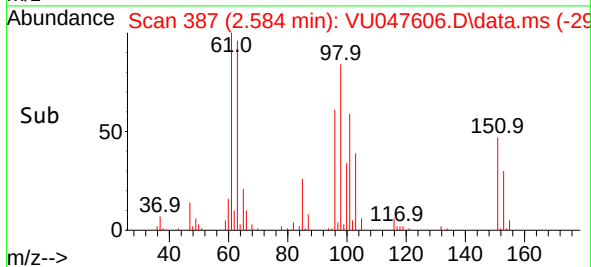
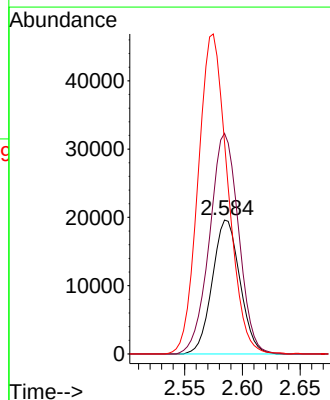
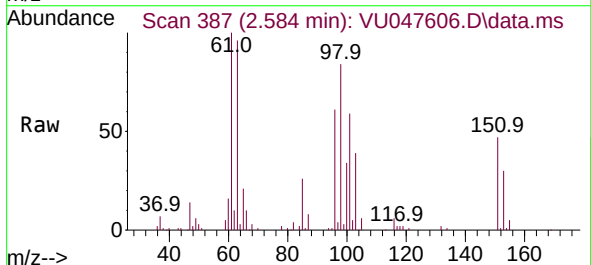
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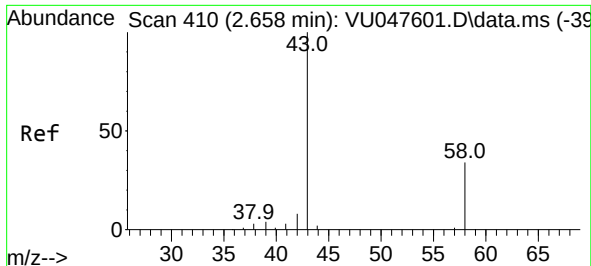
Tgt Ion:101 Resp: 36393
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.0 51.0
 151 81.9 63.8 95.6



#12
 1,1-Dichloroethene
 Concen: 5.183 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

Tgt Ion: 96 Resp: 32612
 Ion Ratio Lower Upper
 96 100
 61 164.8 111.4 207.0
 63 158.2 106.6 198.0





#13

Acetone

Concen: 45.610 ug/L

RT: 2.652 min Scan# 410

Delta R.T. -0.006 min

Lab File: VU047606.D

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Instrument :

MSVOA_U

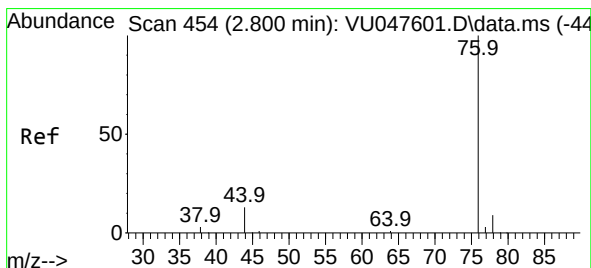
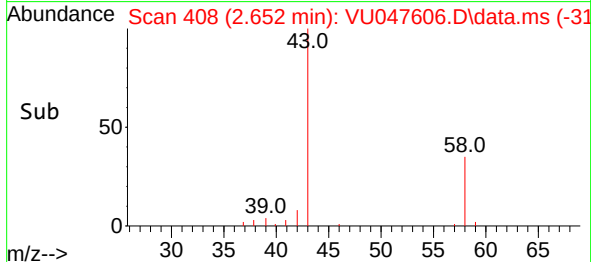
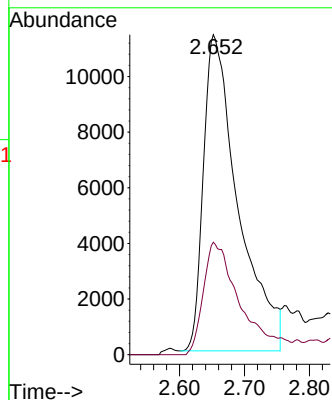
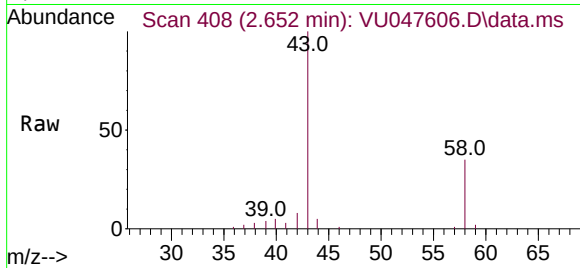
ClientSampleId :

Tgt Ion: 43 Resp: 42268

Ion Ratio Lower Upper

43 100

58 38.5 0.0 69.4



#14

Carbon disulfide

Concen: 4.754 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047606.D

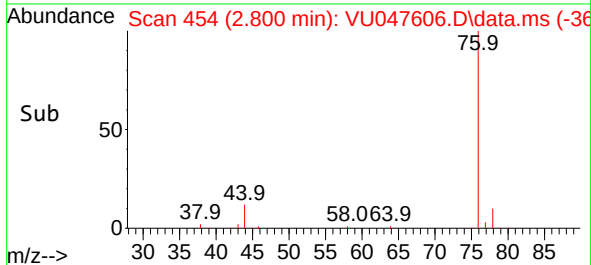
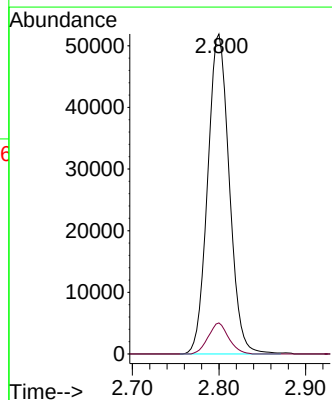
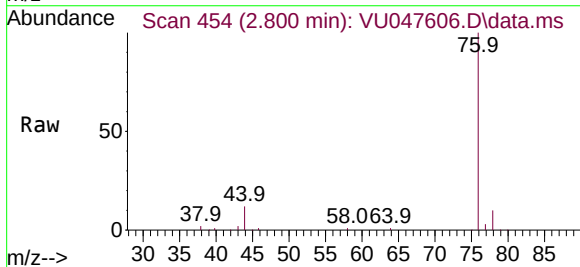
Acq: 17 Mar 2022 14:15

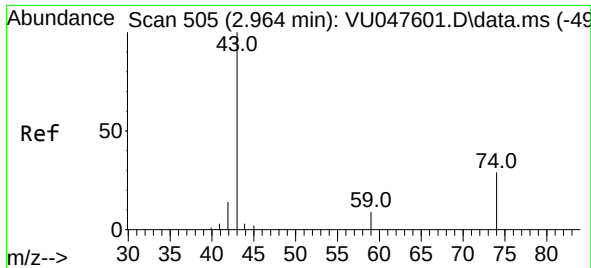
Tgt Ion: 76 Resp: 90002

Ion Ratio Lower Upper

76 100

78 9.7 7.7 11.5

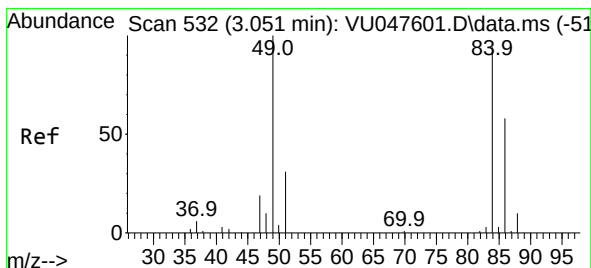
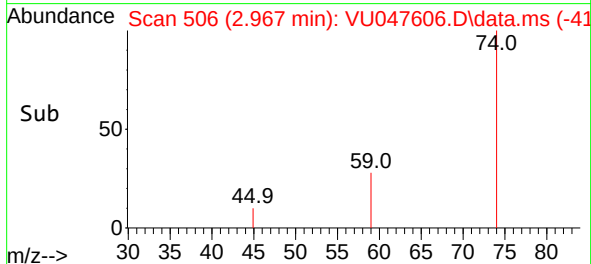
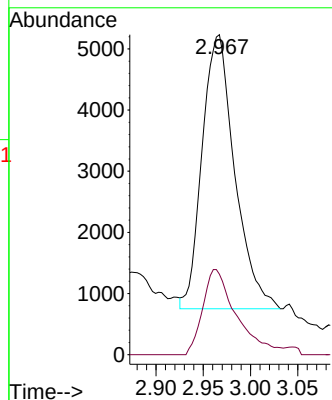
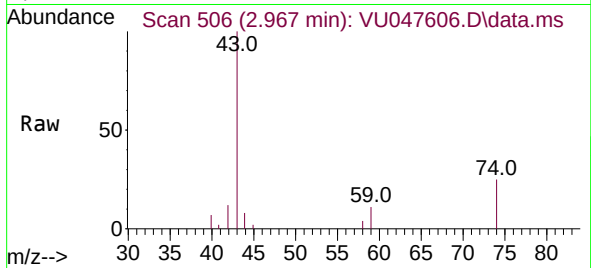




#15
Methyl Acetate
Concen: 4.201 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

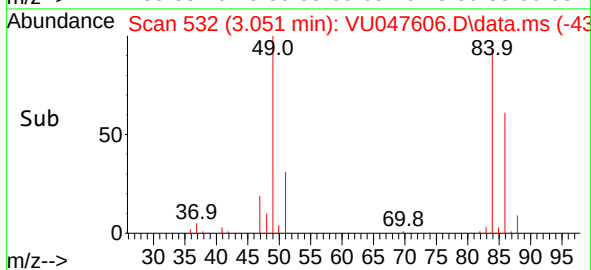
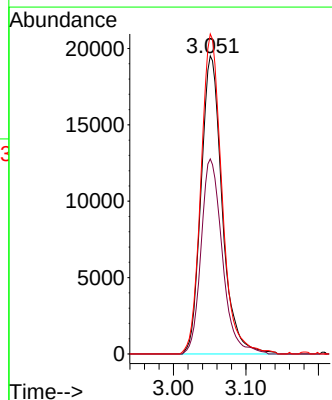
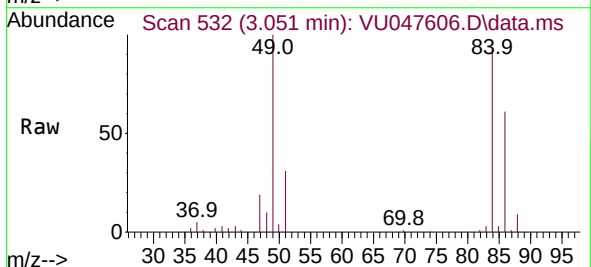
Instrument :
MSVOA_U
ClientSampleId :

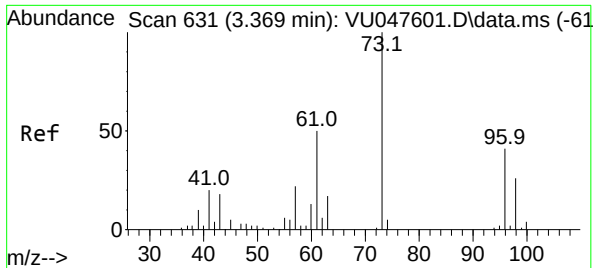
Tgt Ion: 43 Resp: 10748
Ion Ratio Lower Upper
43 100
74 32.2 21.8 32.6



#16
Methylene chloride
Concen: 4.251 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 84 Resp: 39462
Ion Ratio Lower Upper
84 100
86 65.4 45.4 84.4
49 107.4 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 4.920 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

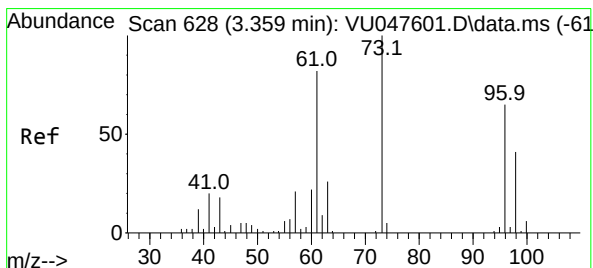
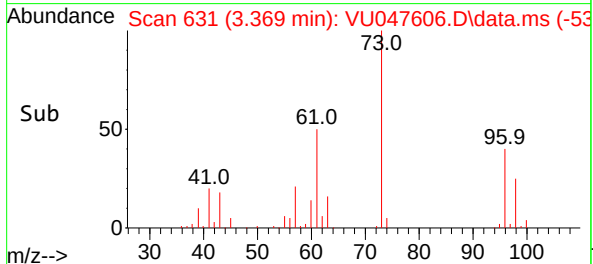
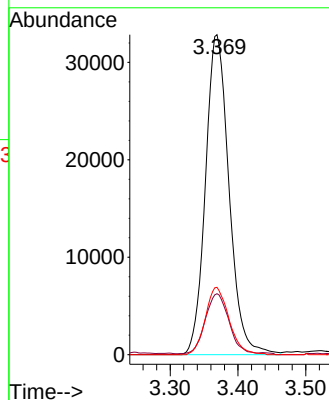
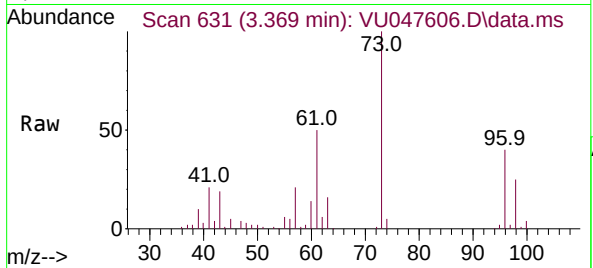
Tgt Ion: 73 Resp: 79441

Ion Ratio Lower Upper

73 100

43 18.9 15.2 22.8

57 21.1 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 4.995 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

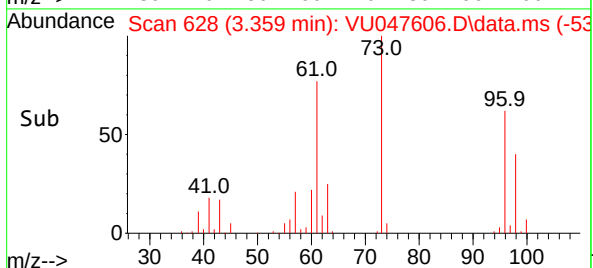
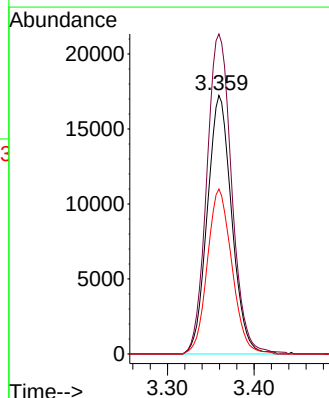
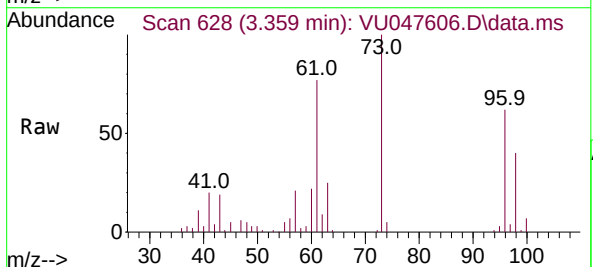
Tgt Ion: 96 Resp: 33789

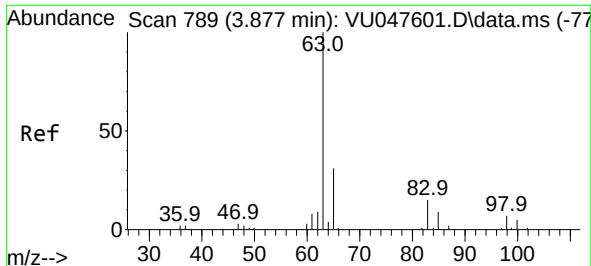
Ion Ratio Lower Upper

96 100

61 123.8 91.7 170.3

98 63.8 45.1 83.7

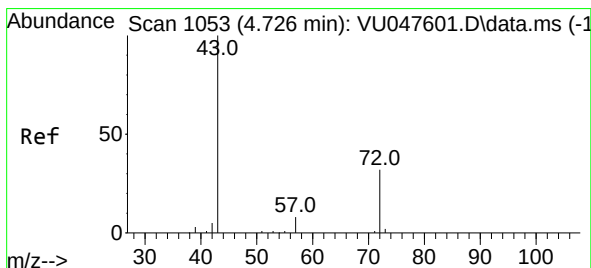
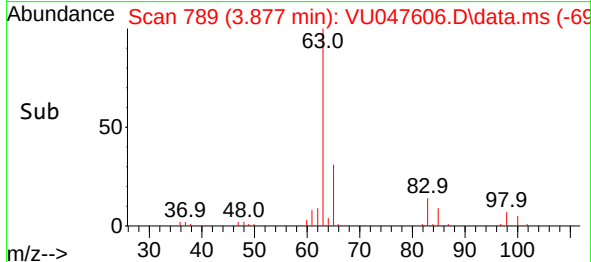
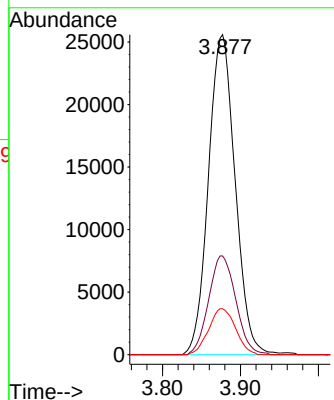
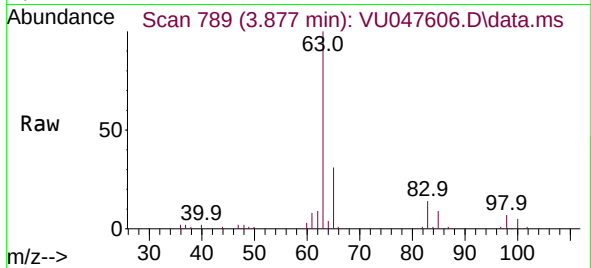




#19
1,1-Dichloroethane
Concen: 5.117 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

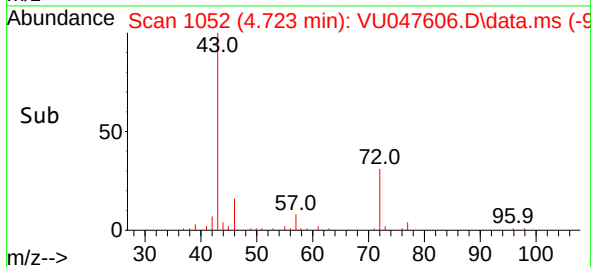
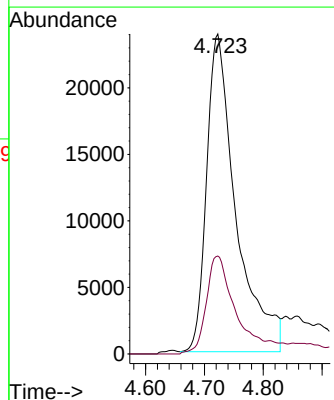
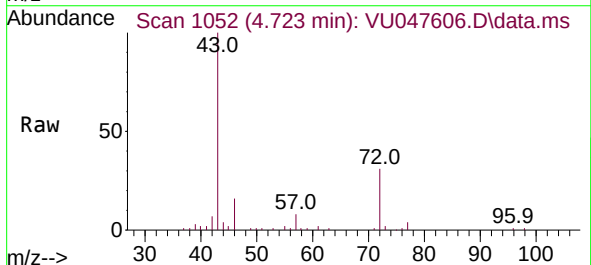
Instrument :
MSVOA_U
ClientSampleId :

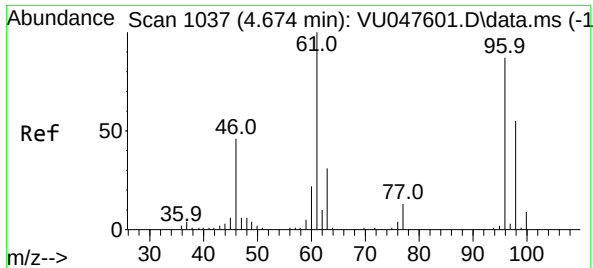
Tgt Ion: 63 Resp: 60892
Ion Ratio Lower Upper
63 100
65 30.8 21.8 40.6
83 14.4 10.8 20.0



#21
2-Butanone
Concen: 46.973 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

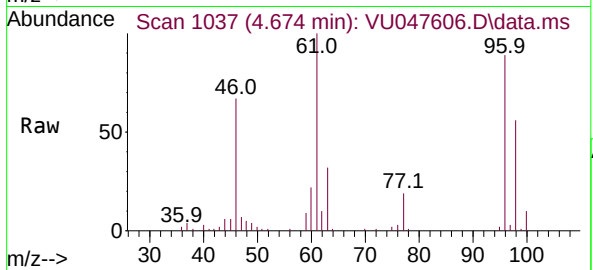
Tgt Ion: 43 Resp: 82821
Ion Ratio Lower Upper
43 100
72 29.8 14.9 44.7





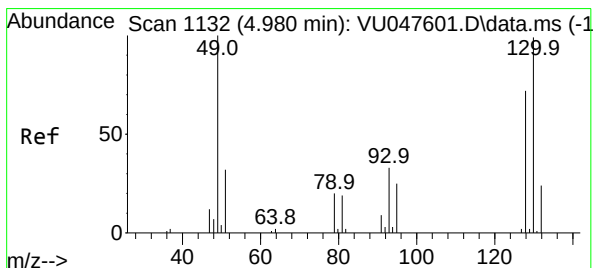
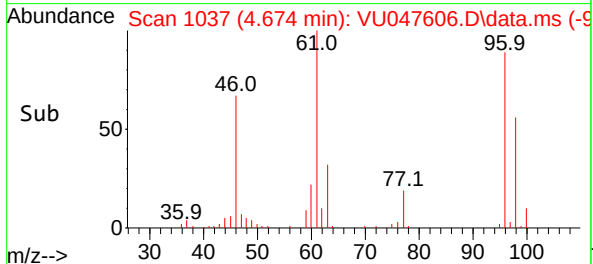
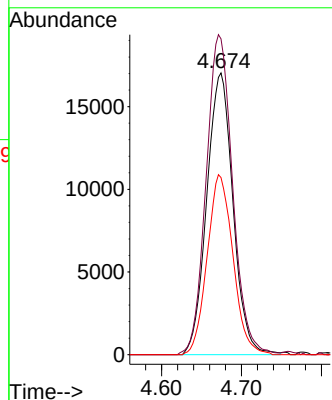
#22
 cis-1,2-Dichloroethene
 Concen: 5.190 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 38948

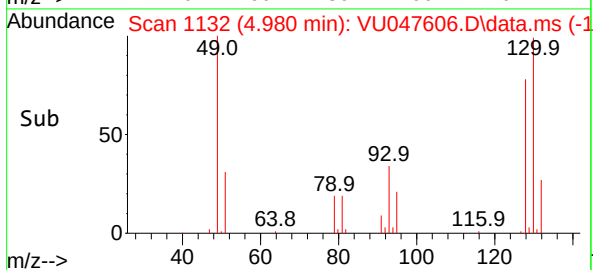
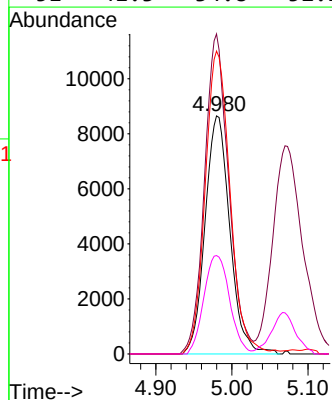
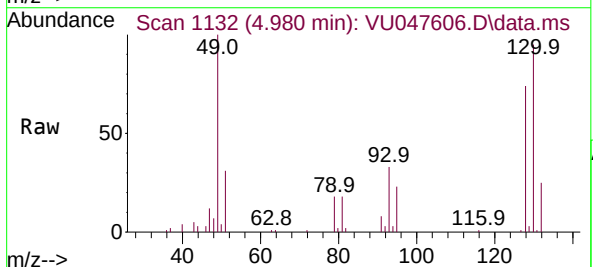
Ion	Ratio	Lower	Upper
96	100		
61	112.1	83.9	155.7
98	62.9	46.4	86.2

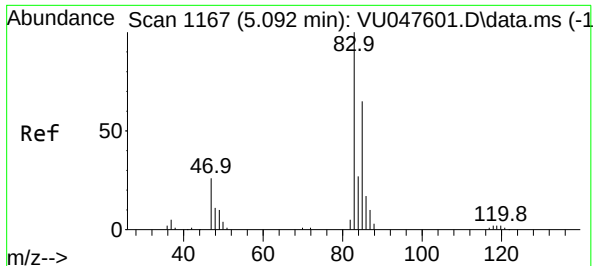


#23
 Bromochloromethane
 Concen: 5.143 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

Tgt Ion: 128 Resp: 19588

Ion	Ratio	Lower	Upper
128	100		
49	134.4	89.6	166.4
130	127.2	87.3	162.1
51	41.3	34.8	52.2





#25

Chloroform

Concen: 5.172 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

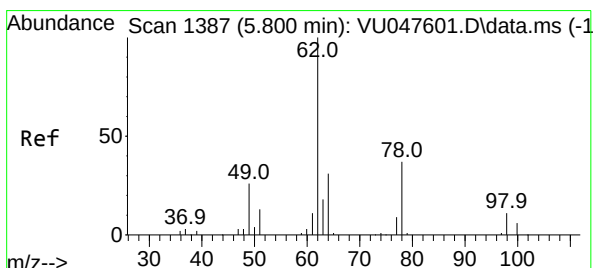
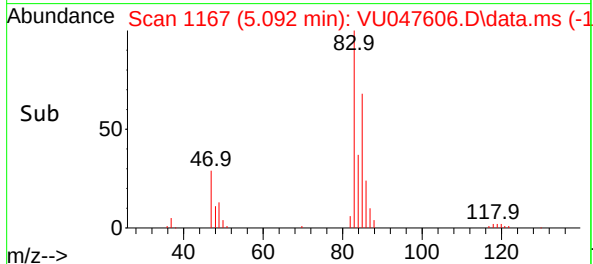
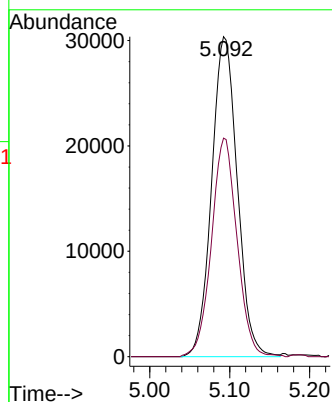
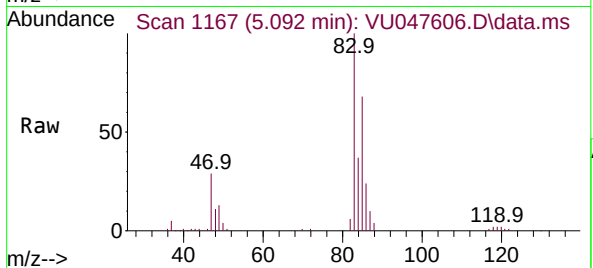
ClientSampleId :

Tgt Ion: 83 Resp: 67663

Ion Ratio Lower Upper

83 100

85 68.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.174 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047606.D

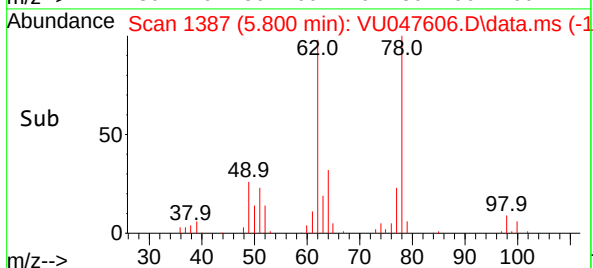
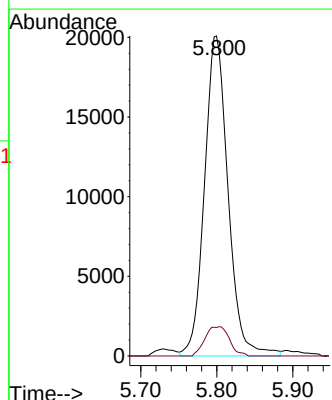
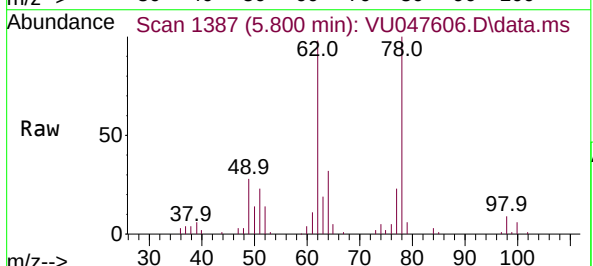
Acq: 17 Mar 2022 14:15

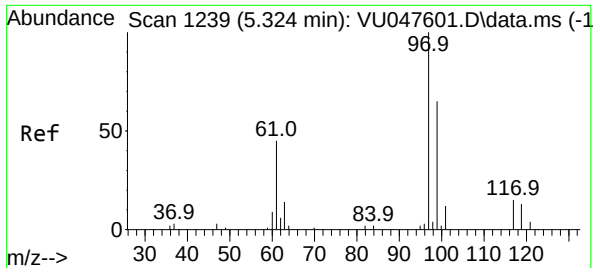
Tgt Ion: 62 Resp: 43293

Ion Ratio Lower Upper

62 100

98 8.9 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.179 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

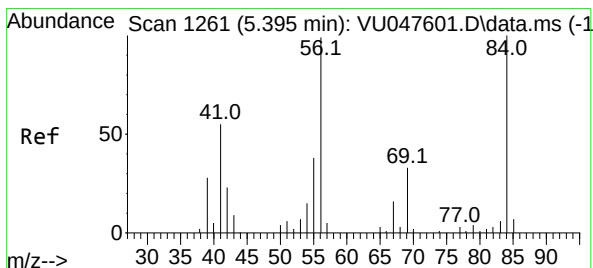
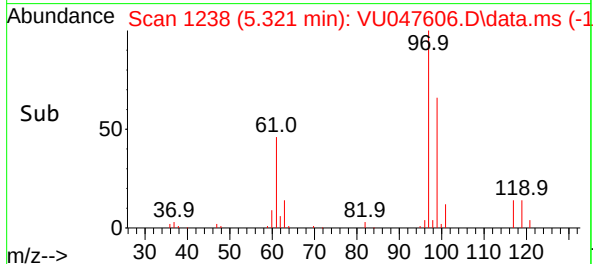
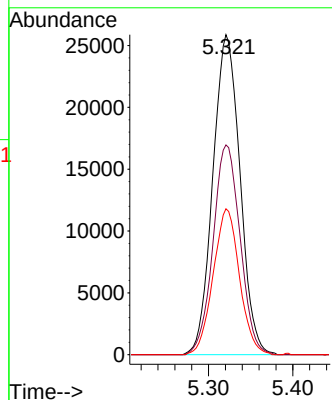
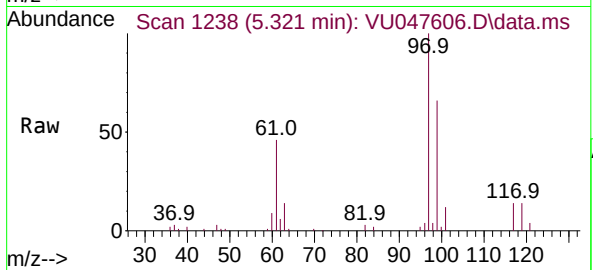
Tgt Ion: 97 Resp: 57914

Ion Ratio Lower Upper

97 100

99 65.4 51.2 76.8

61 44.2 35.0 52.4



#30

Cyclohexane

Concen: 4.721 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

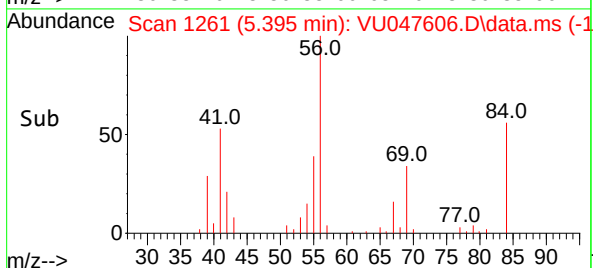
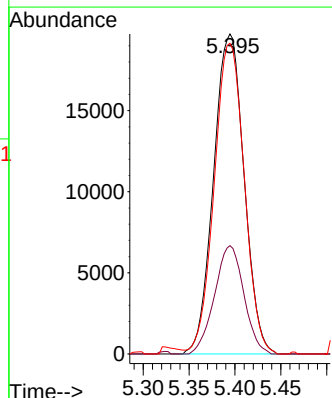
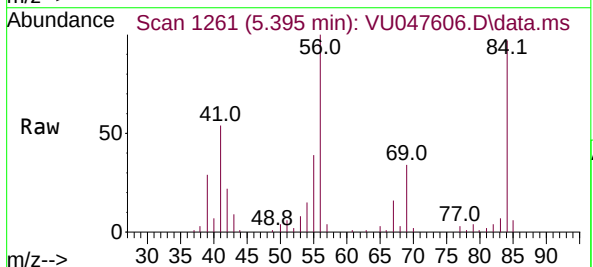
Tgt Ion: 56 Resp: 45592

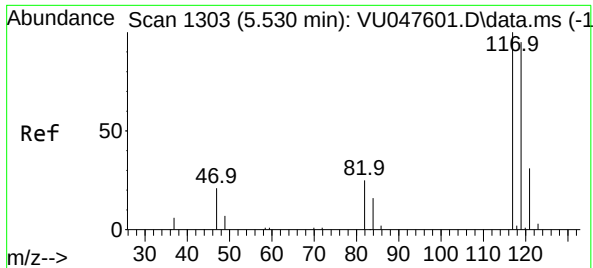
Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 95.8 76.2 114.4

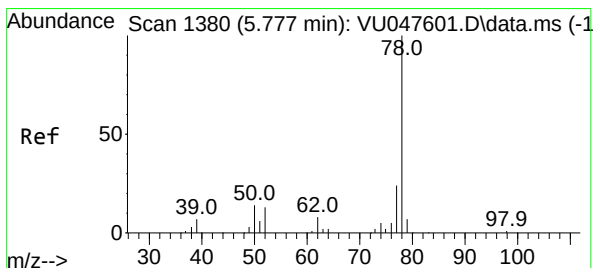
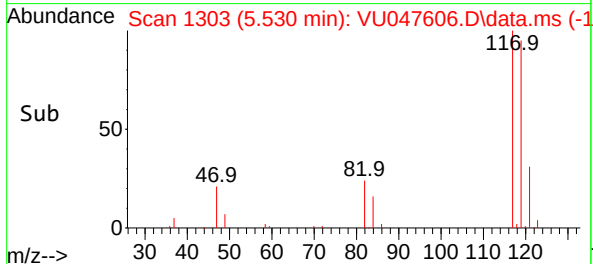
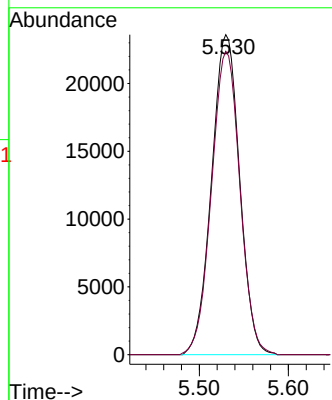
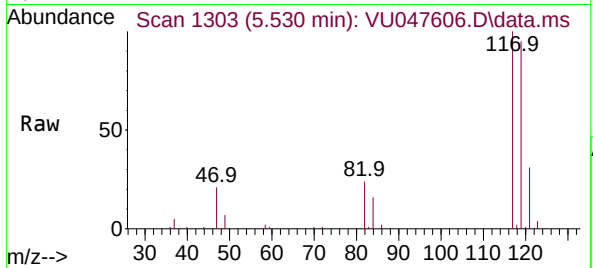




#31
Carbon tetrachloride
Concen: 5.261 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

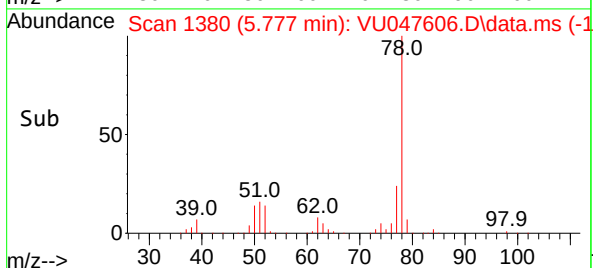
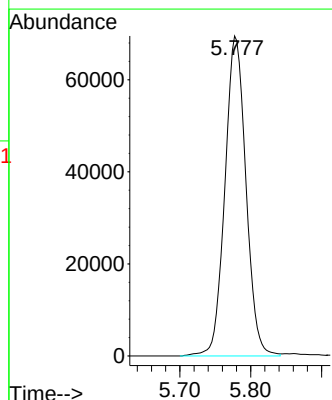
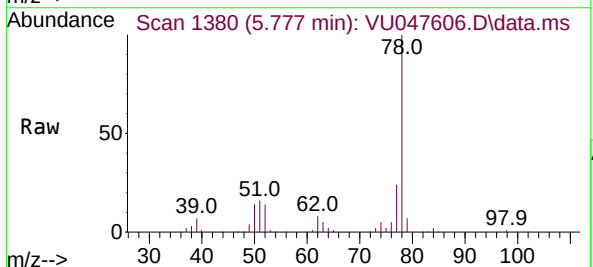
Instrument :
MSVOA_U
ClientSampleId :

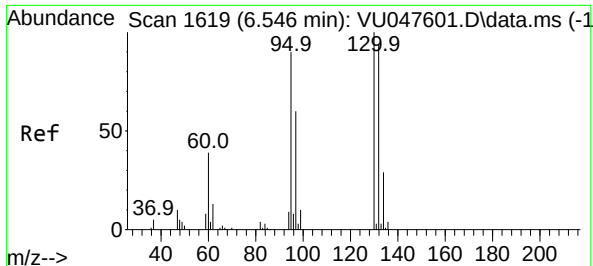
Tgt Ion:117 Resp: 51748
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 5.047 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 78 Resp: 143386

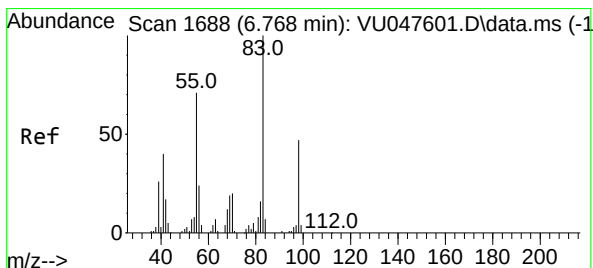
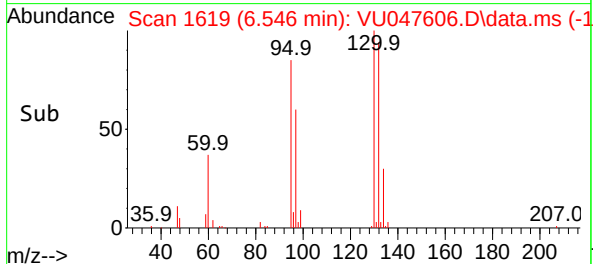
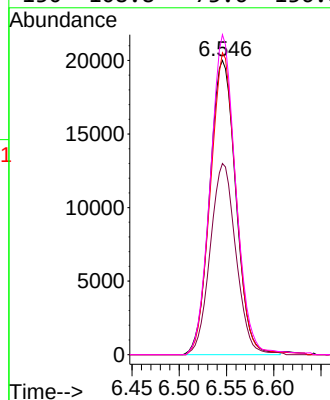
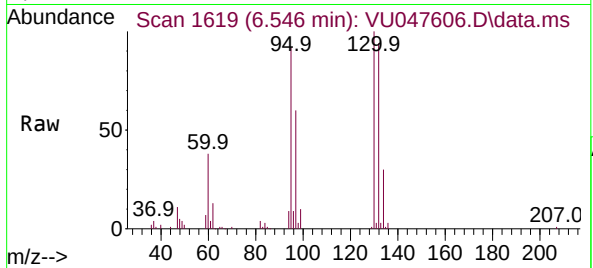




#34
Trichloroethene
Concen: 5.100 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

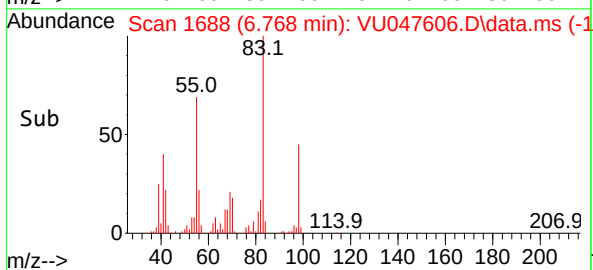
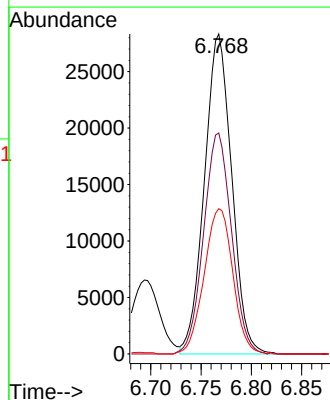
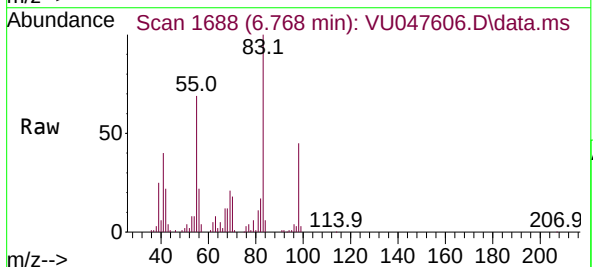
Instrument :
MSVOA_U
ClientSampleId :

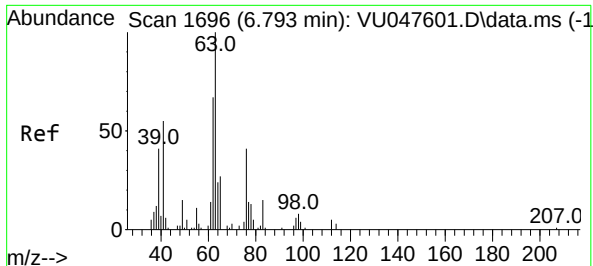
Tgt Ion: 95 Resp: 38402
Ion Ratio Lower Upper
95 100
97 65.0 46.3 85.9
132 102.6 70.7 131.3
130 108.8 73.6 136.8



#35
Methylcyclohexane
Concen: 4.943 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 83 Resp: 53559
Ion Ratio Lower Upper
83 100
55 70.4 57.3 85.9
98 47.6 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.133 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

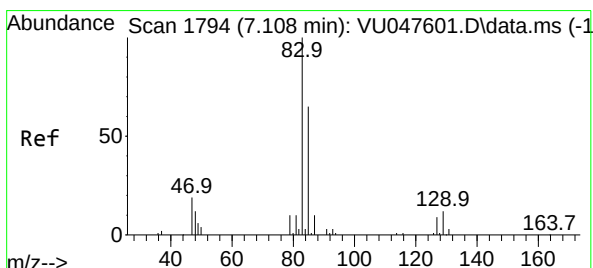
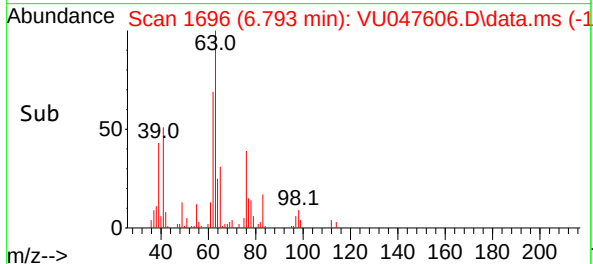
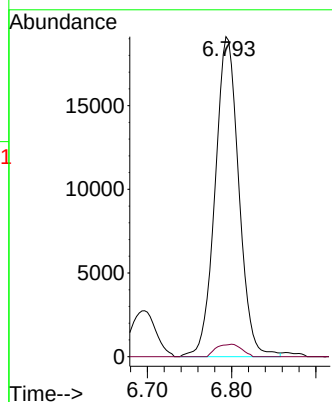
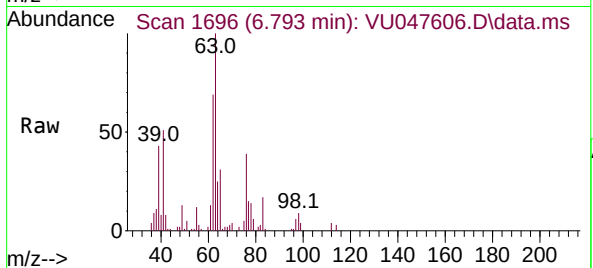
ClientSampleId :

Tgt Ion: 63 Resp: 37374

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 5.174 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

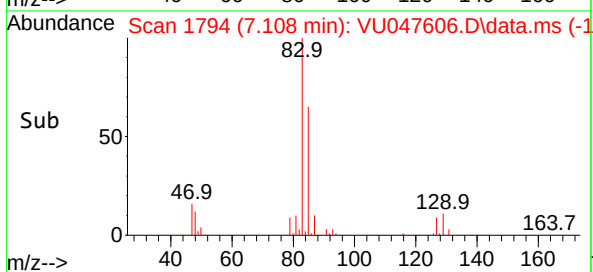
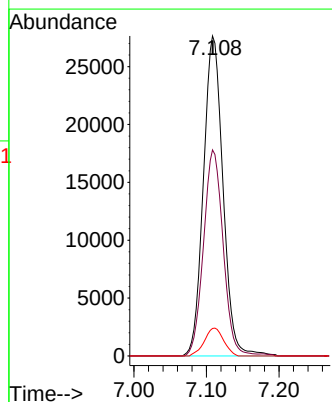
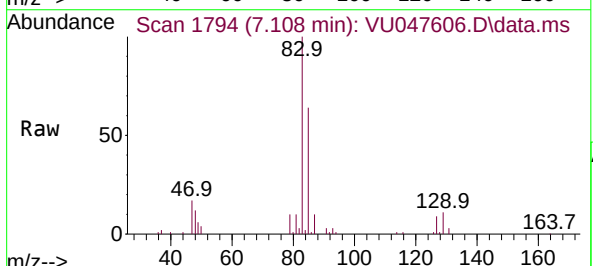
Tgt Ion: 83 Resp: 51872

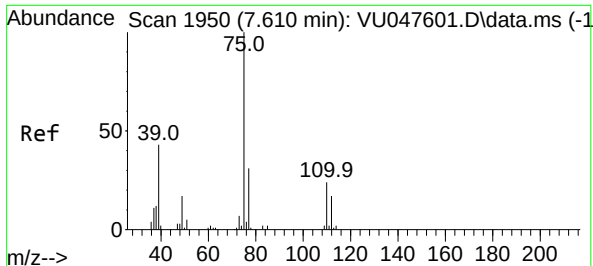
Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.0

127 8.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.801 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

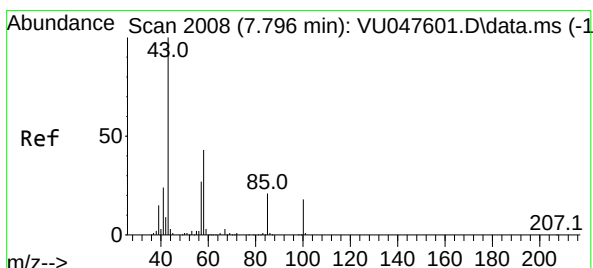
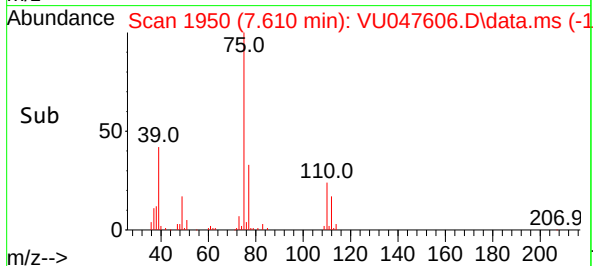
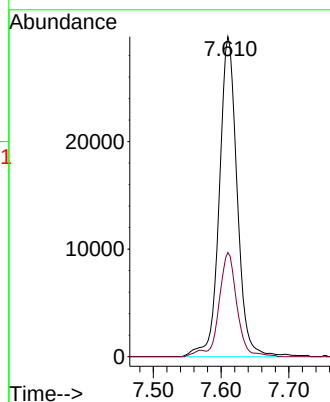
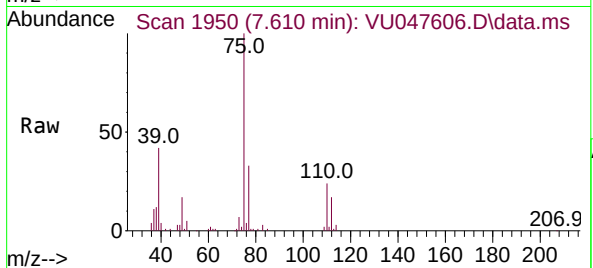
ClientSampleId :

Tgt Ion: 75 Resp: 54325

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 45.452 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

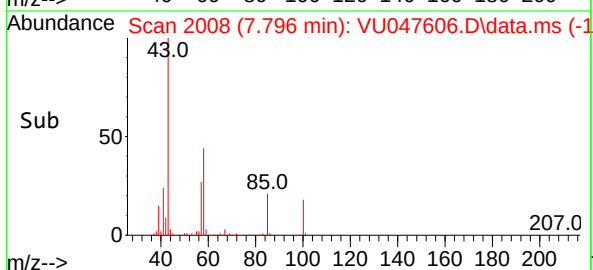
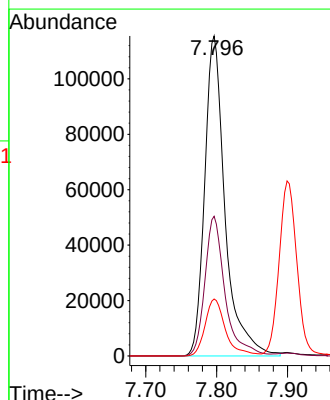
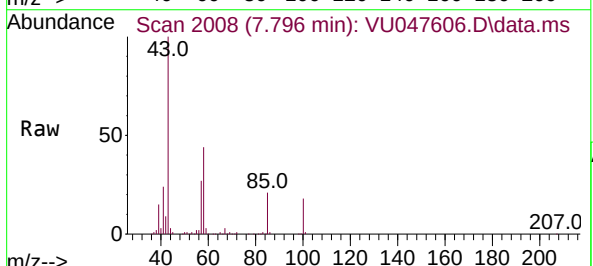
Tgt Ion: 43 Resp: 230691

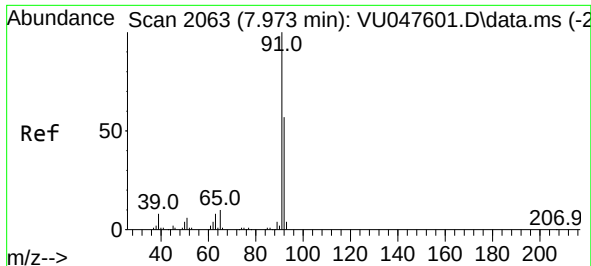
Ion Ratio Lower Upper

43 100

58 43.1 34.5 51.7

100 17.8 13.8 20.6





#42

Toluene

Concen: 5.288 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

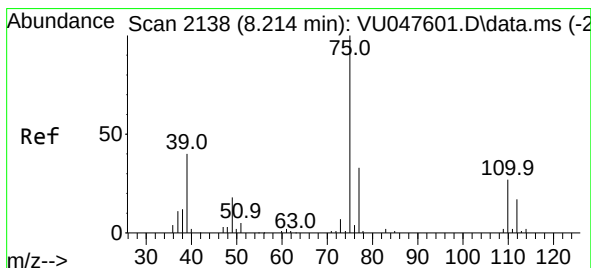
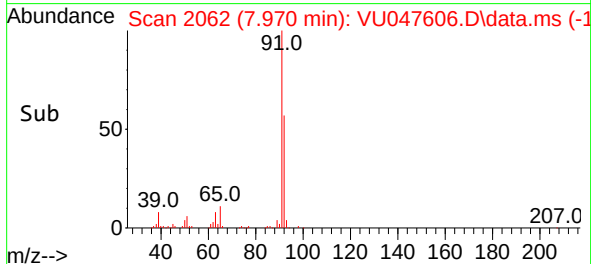
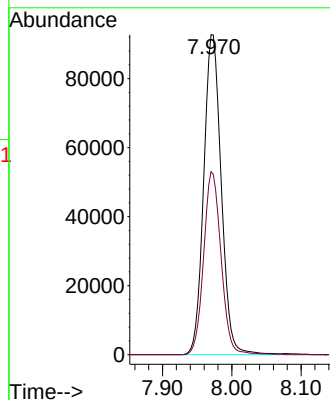
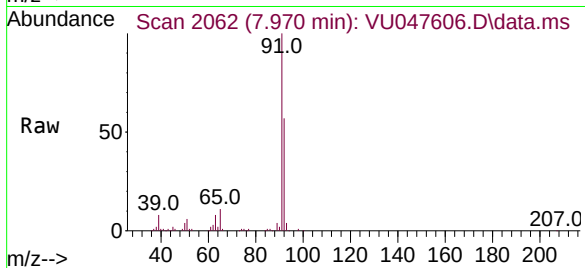
ClientSampleId :

Tgt Ion: 91 Resp: 162877

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.988 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047606.D

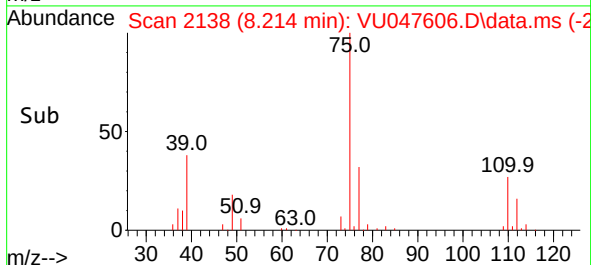
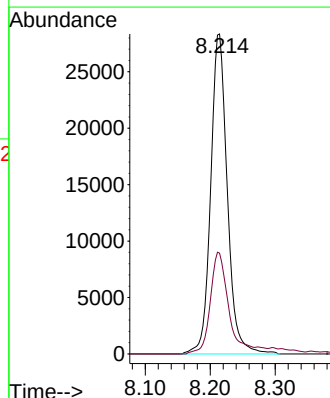
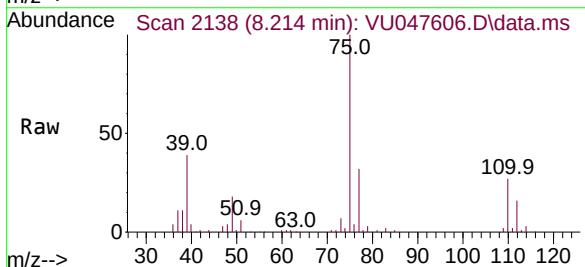
Acq: 17 Mar 2022 14:15

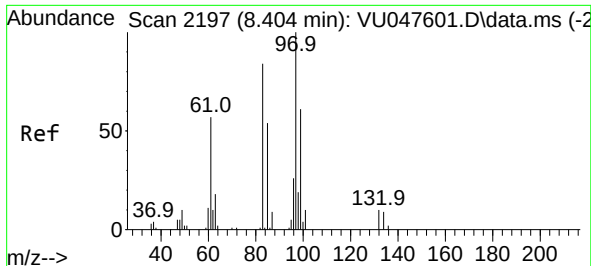
Tgt Ion: 75 Resp: 50345

Ion Ratio Lower Upper

75 100

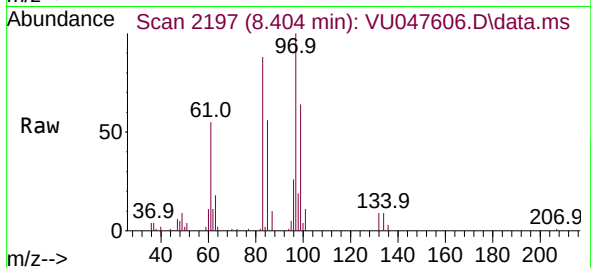
77 31.5 23.4 43.6



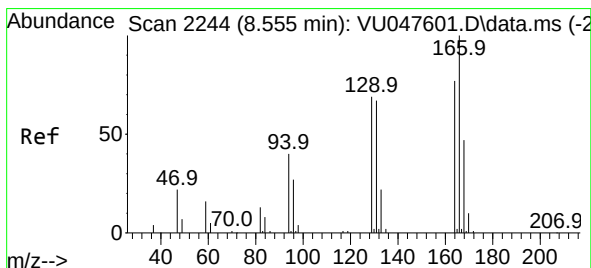
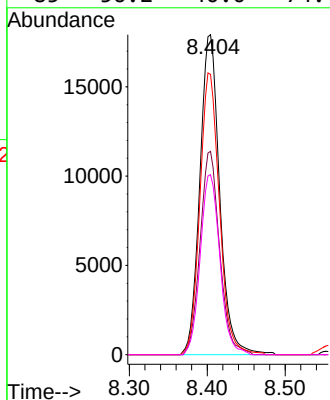
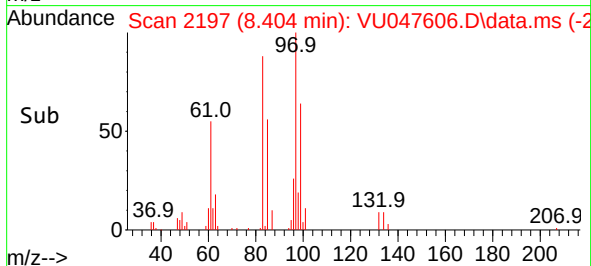


#45
1,1,2-Trichloroethane
Concen: 5.081 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

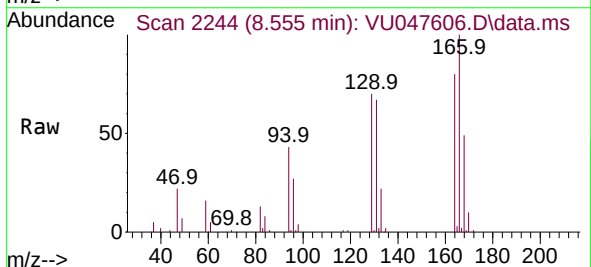
Instrument :
MSVOA_U
ClientSampleId :



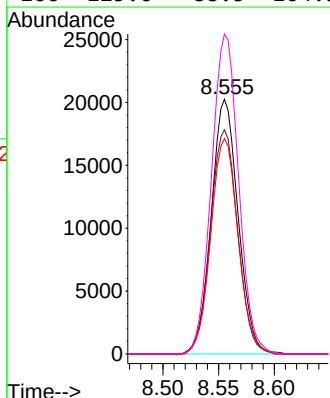
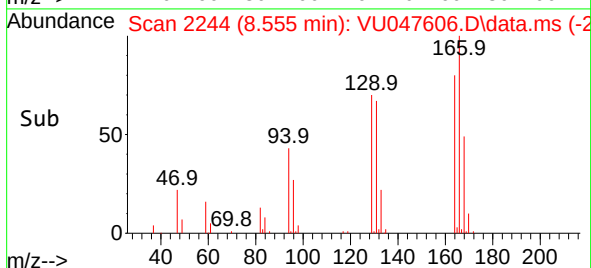
Tgt Ion:	97	Resp:	31717
Ion	Ratio	Lower	Upper
97	100		
99	63.6	45.3	84.1
83	87.6	62.2	115.6
85	56.2	40.0	74.4

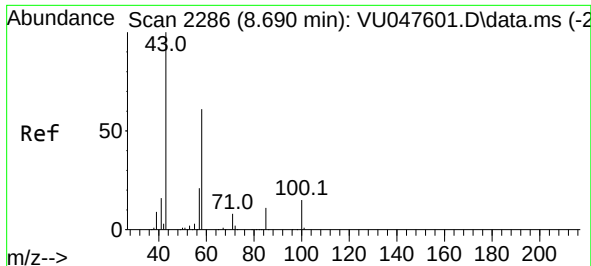


#47
Tetrachloroethene
Concen: 5.282 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15



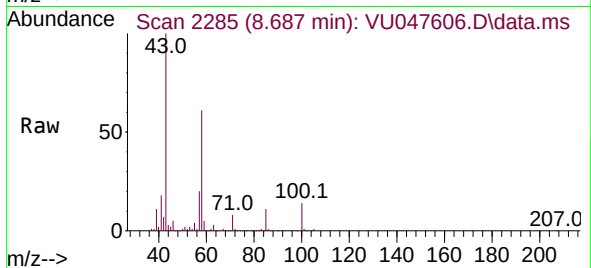
Tgt Ion:	164	Resp:	33919
Ion	Ratio	Lower	Upper
164	100		
129	88.0	63.5	117.9
131	84.6	60.5	112.5
166	125.6	88.5	164.3



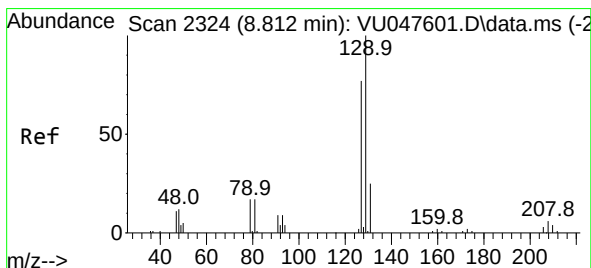
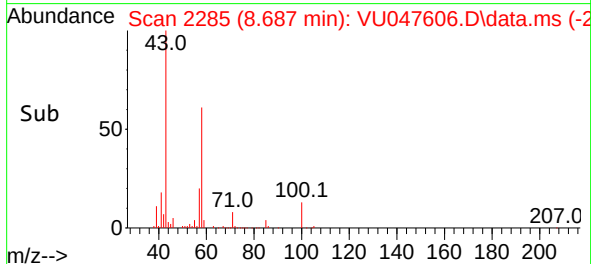
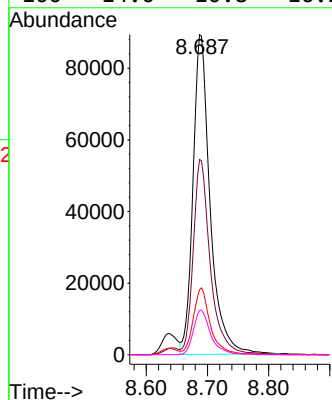


#48
2-Hexanone
Concen: 45.064 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

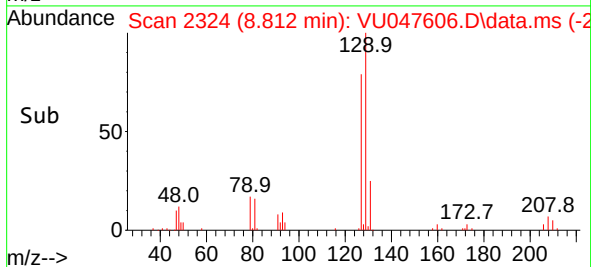
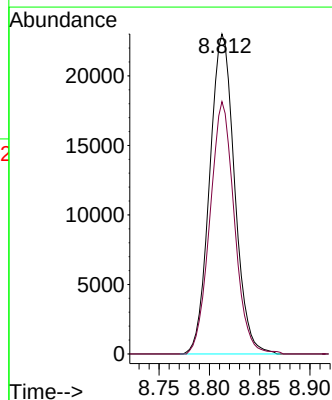
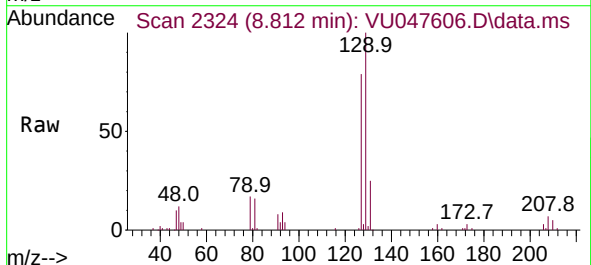


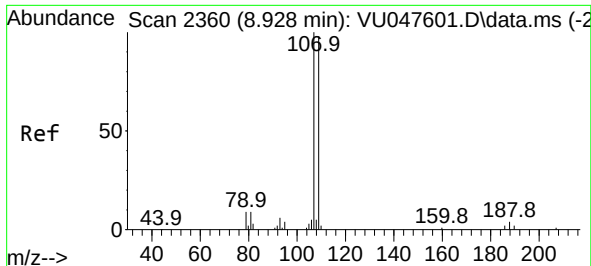
Tgt Ion: 43 Resp: 174073
Ion Ratio Lower Upper
43 100
58 60.6 47.5 71.3
57 21.0 16.0 24.0
100 14.0 10.8 16.2



#49
Dibromochloromethane
Concen: 5.157 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 129 Resp: 39657
Ion Ratio Lower Upper
129 100
127 78.9 53.6 99.6





#50

1,2-Dibromoethane

Concen: 5.024 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047606.D

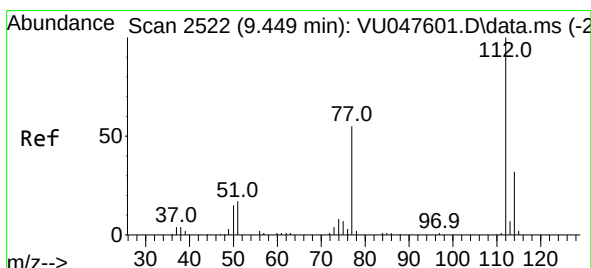
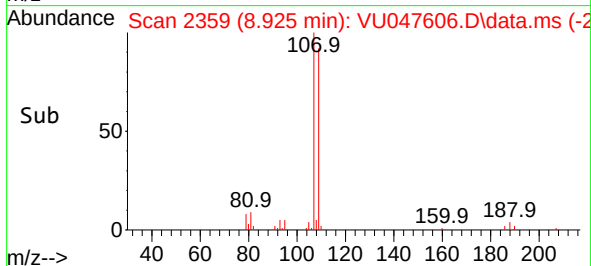
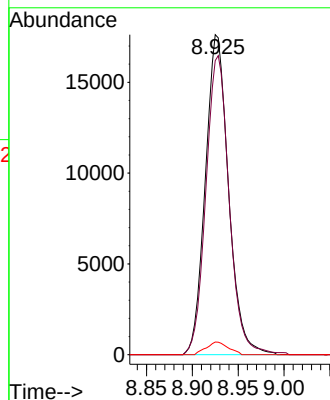
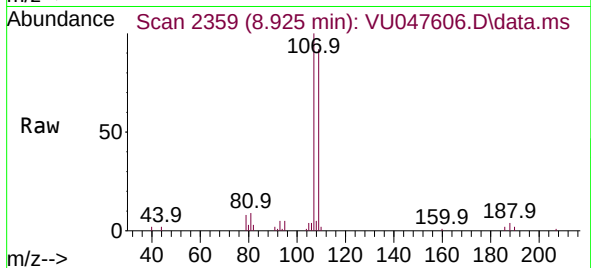
Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	31012
Ion Ratio	Lower	Upper
107	100	
109	91.9	65.3 121.3
188	3.9	3.2 4.8



#51

Chlorobenzene

Concen: 5.085 ug/L

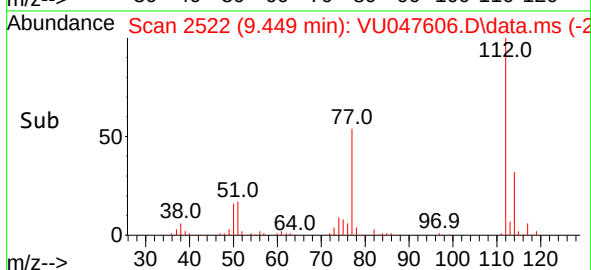
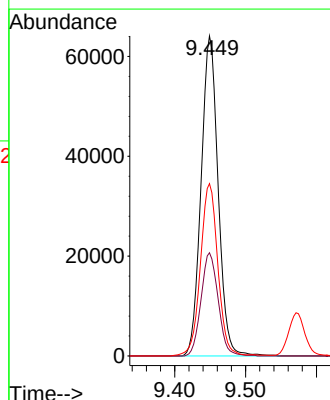
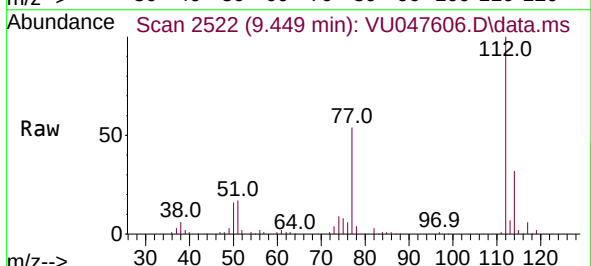
RT: 9.449 min Scan# 2522

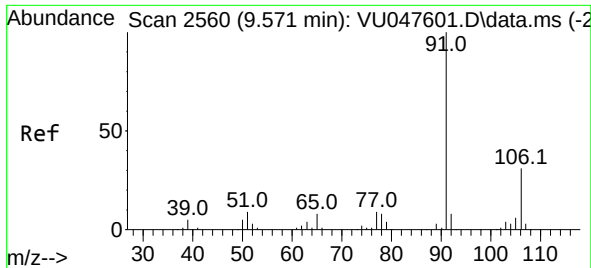
Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Tgt Ion:112	Resp:	106973
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.0 40.8
77	53.9	43.7 65.5

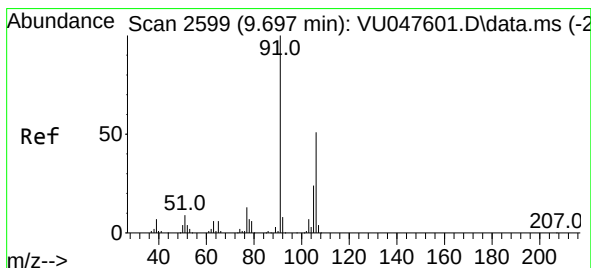
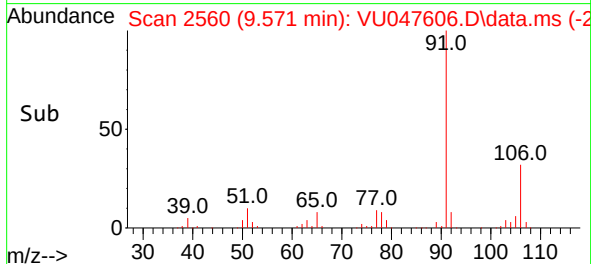
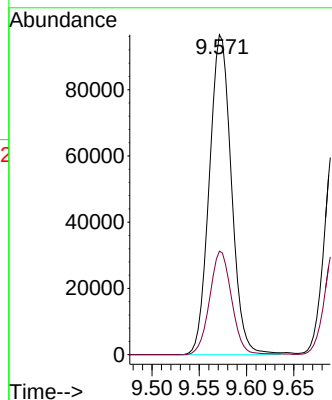
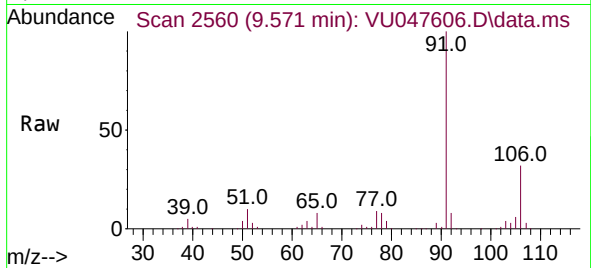




#52
Ethylbenzene
Concen: 4.810 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

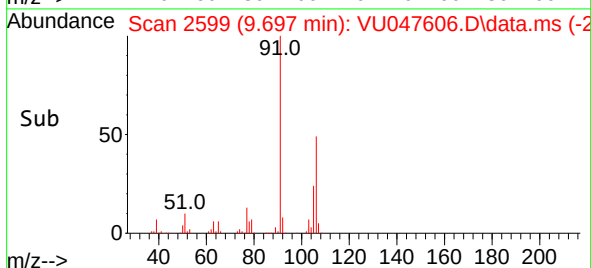
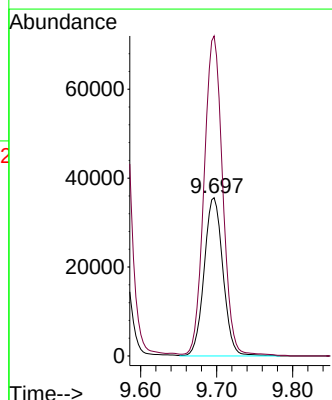
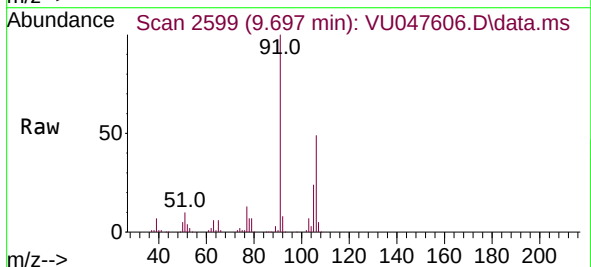
Instrument :
MSVOA_U
ClientSampleId :

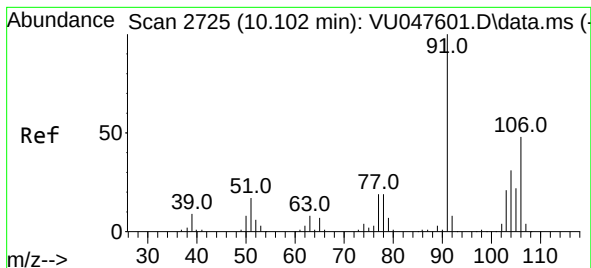
Tgt Ion: 91 Resp: 156918
Ion Ratio Lower Upper
91 100
106 32.4 22.2 41.2



#53
m,p-Xylene
Concen: 4.858 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 106 Resp: 61274
Ion Ratio Lower Upper
106 100
91 202.3 136.6 253.8





#54

o-Xylene

Concen: 4.779 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU047606.D

Acq: 17 Mar 2022 14:15

Instrument :

MSVOA_U

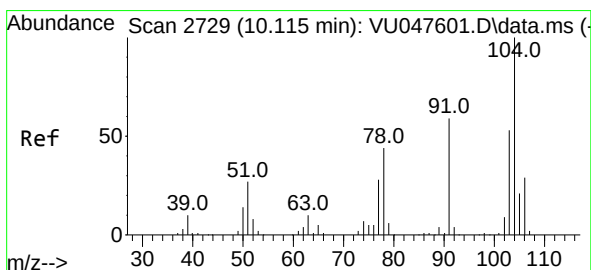
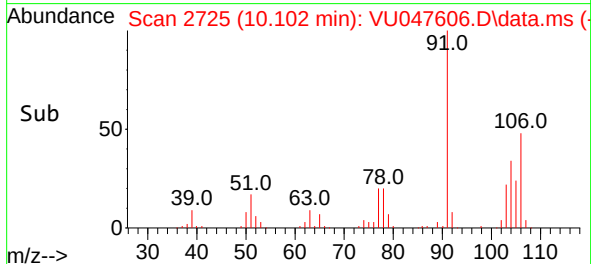
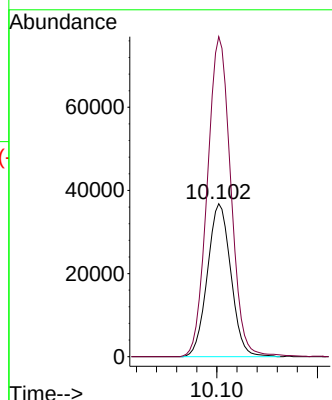
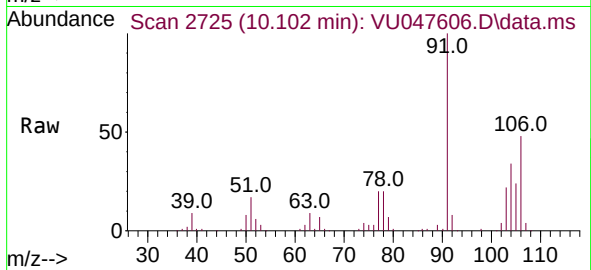
ClientSampleId :

Tgt Ion:106 Resp: 59555

Ion Ratio Lower Upper

106 100

91 209.1 148.5 275.9



#55

Styrene

Concen: 4.930 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047606.D

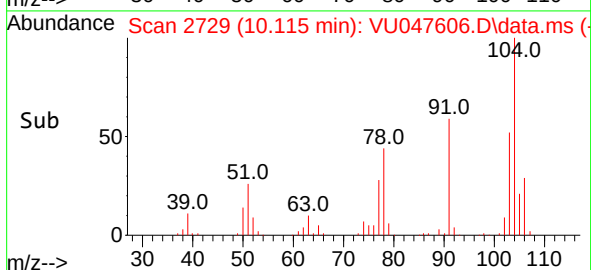
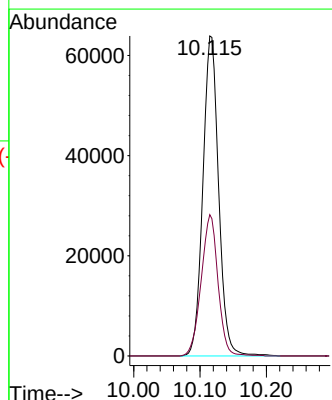
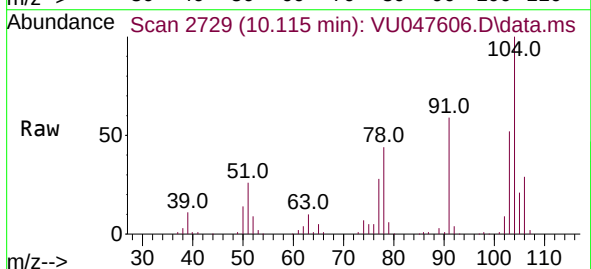
Acq: 17 Mar 2022 14:15

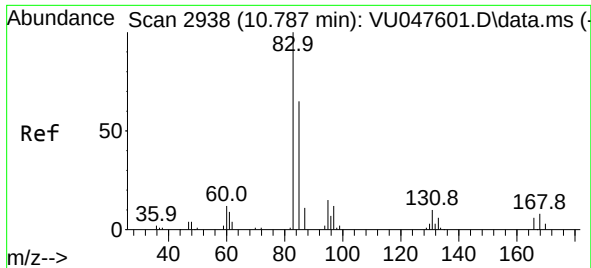
Tgt Ion:104 Resp: 105510

Ion Ratio Lower Upper

104 100

78 44.2 31.0 57.6

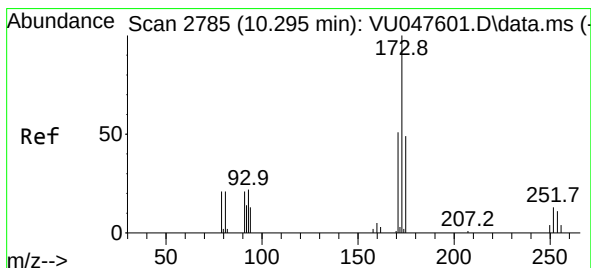
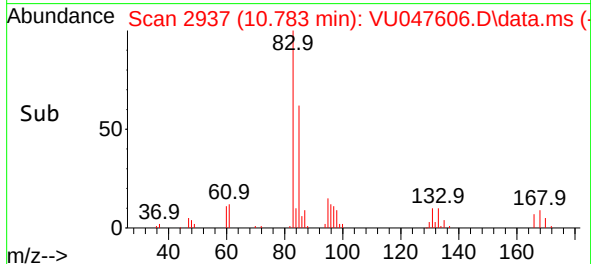
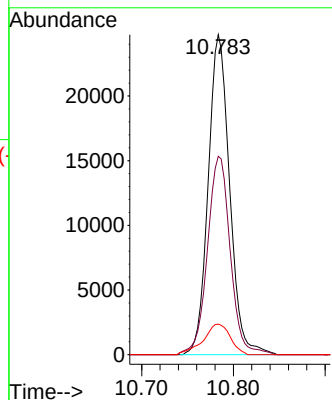
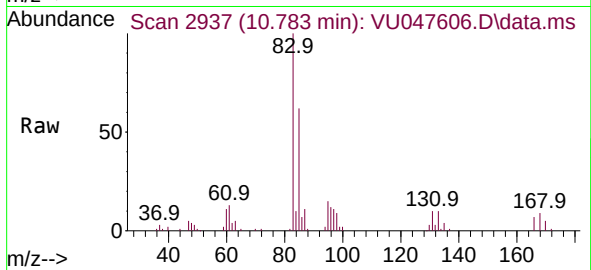




#57
1,1,2,2-Tetrachloroethane
Concen: 4.807 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

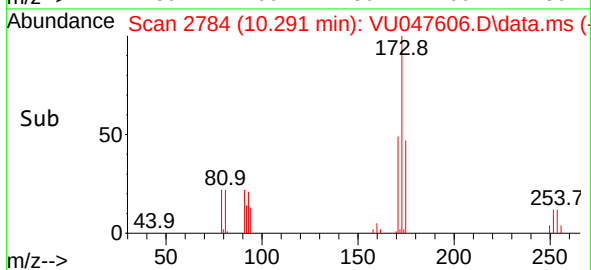
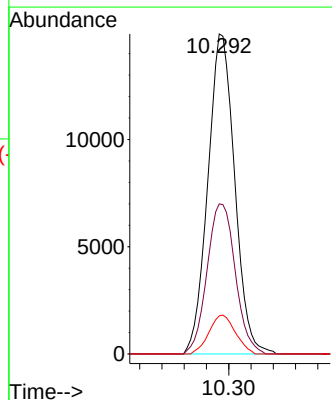
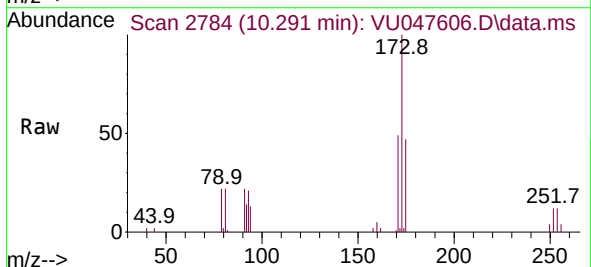
Instrument :
MSVOA_U
ClientSampleId :

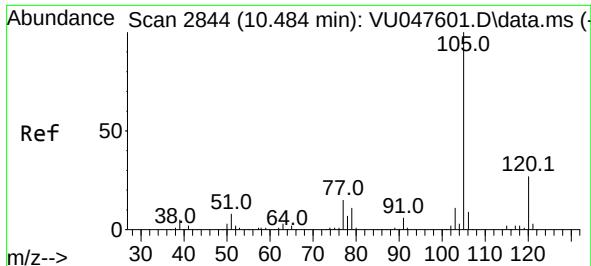
Tgt Ion: 83 Resp: 40227
Ion Ratio Lower Upper
83 100
85 62.0 46.7 86.7
131 9.5 8.0 12.0



#59
Bromoform
Concen: 4.978 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion:173 Resp: 24940
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
254 11.9 9.0 13.6

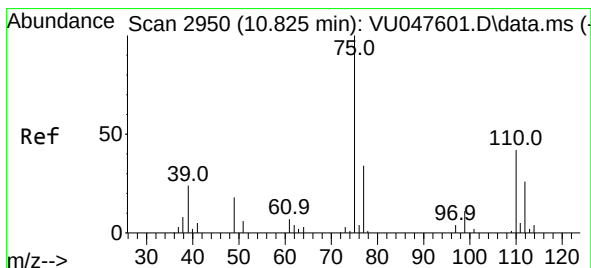
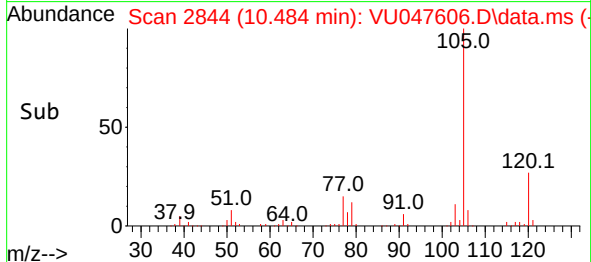
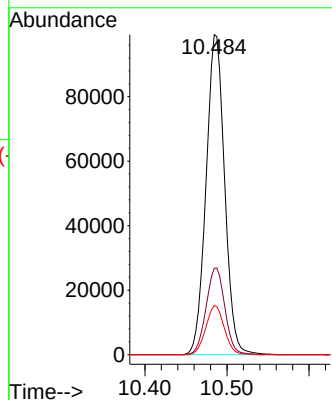
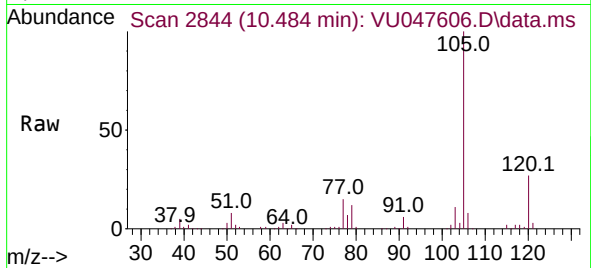




#60
Isopropylbenzene
Concen: 4.864 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

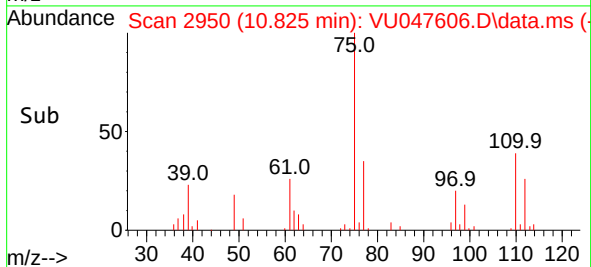
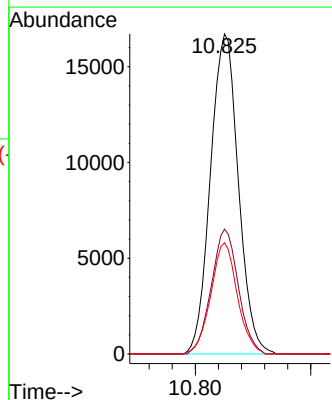
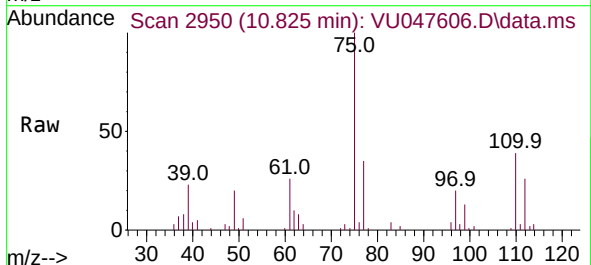
Instrument :
MSVOA_U
ClientSampleId :

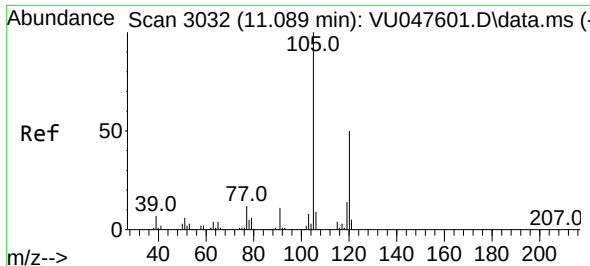
Tgt Ion:105 Resp: 156049
Ion Ratio Lower Upper
105 100
120 27.4 22.2 33.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.703 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 75 Resp: 28016
Ion Ratio Lower Upper
75 100
110 37.8 30.2 45.4
77 33.1 26.6 39.8

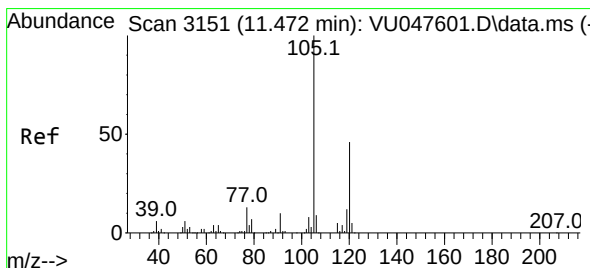
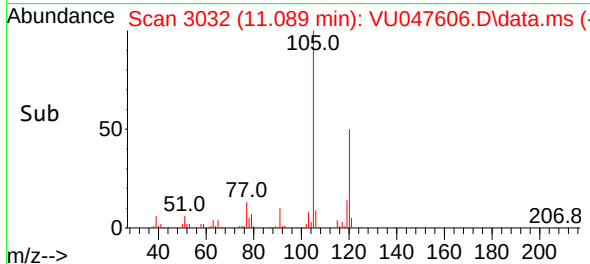
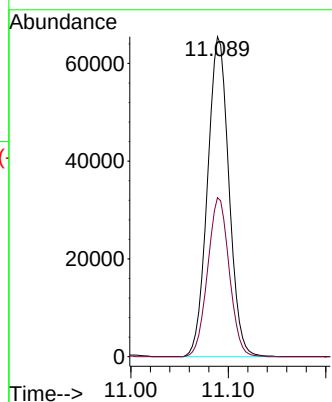
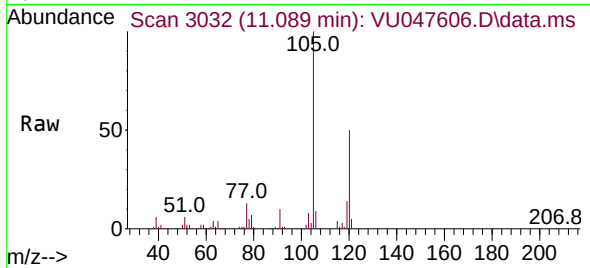




#62
 1,3,5-Trimethylbenzene
 Concen: 4.883 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

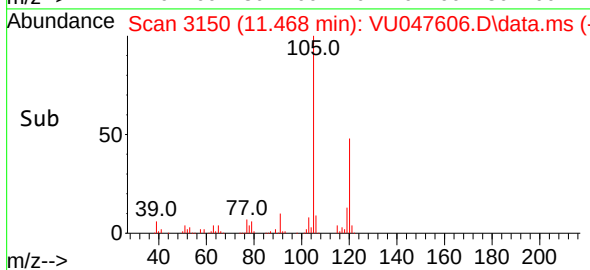
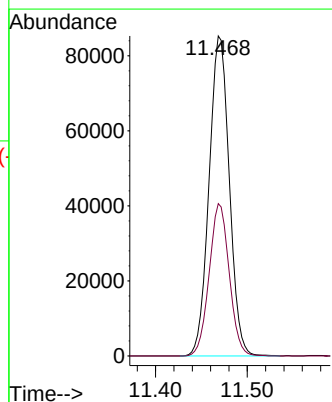
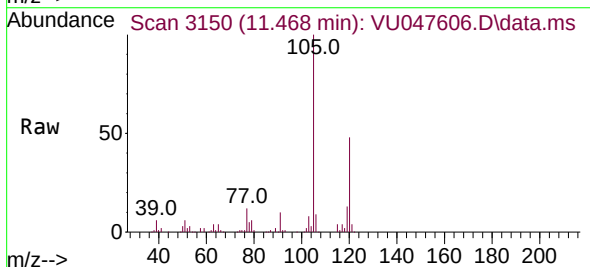
Instrument :
 MSVOA_U
 ClientSampleId :

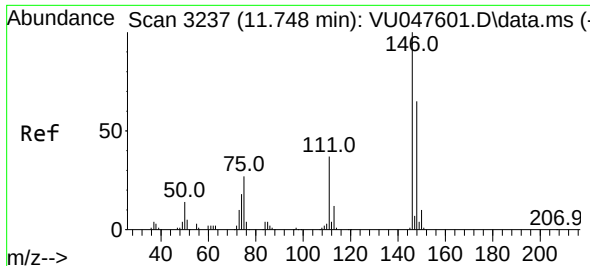
Tgt Ion:105 Resp: 100029
 Ion Ratio Lower Upper
 105 100
 120 50.1 40.2 60.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.908 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

Tgt Ion:105 Resp: 130507
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.2 57.4

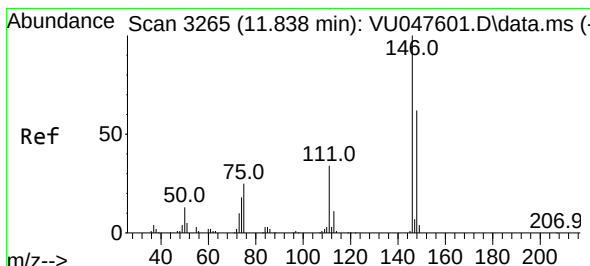
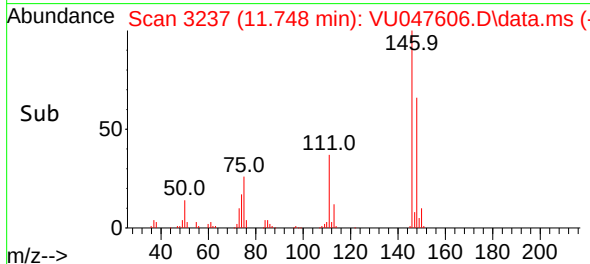
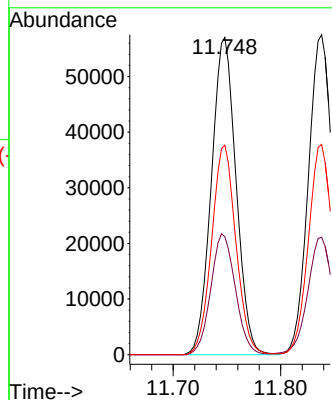
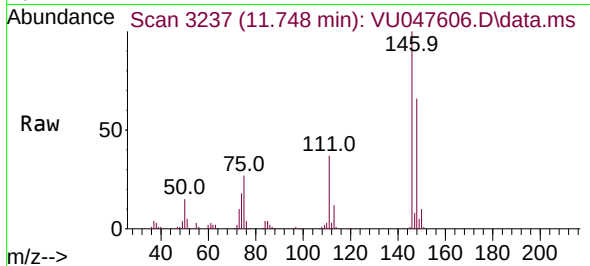




#64
1,3-Dichlorobenzene
Concen: 5.087 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

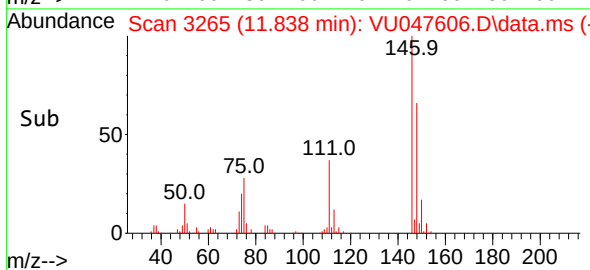
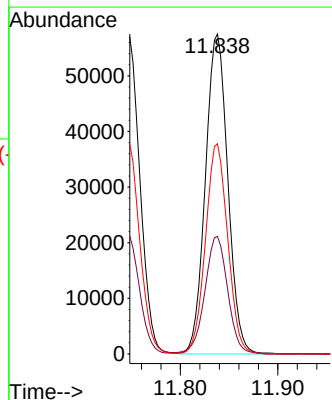
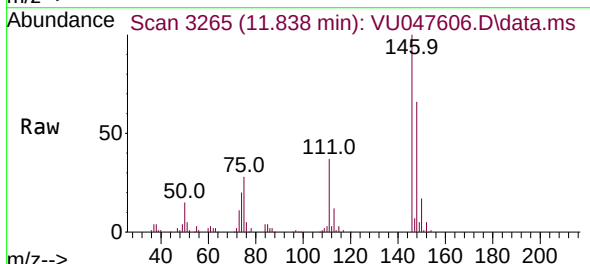
Instrument :
MSVOA_U
ClientSampleId :

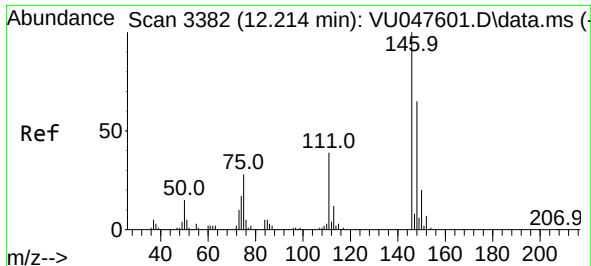
Tgt Ion:146 Resp: 91032
Ion Ratio Lower Upper
146 100
111 37.2 27.7 51.5
148 66.1 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 5.036 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion:146 Resp: 92049
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 65.7 44.3 82.3

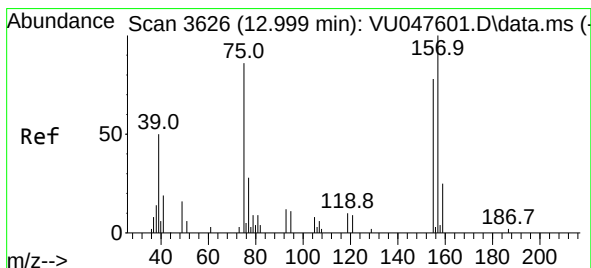
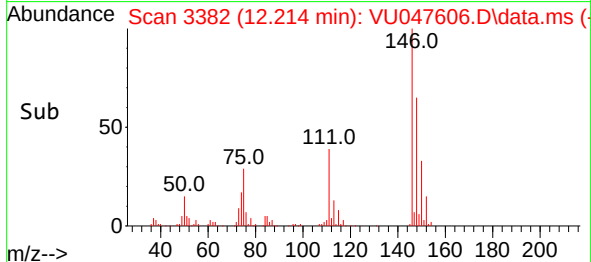
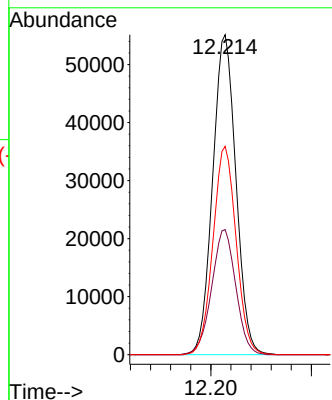
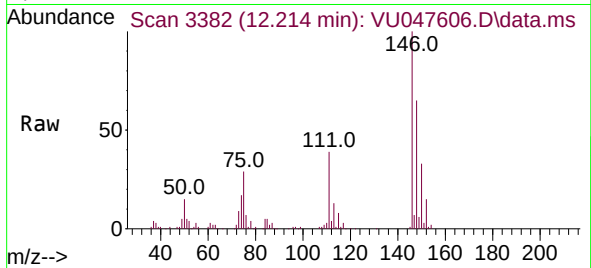




#67
1,2-Dichlorobenzene
Concen: 5.005 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

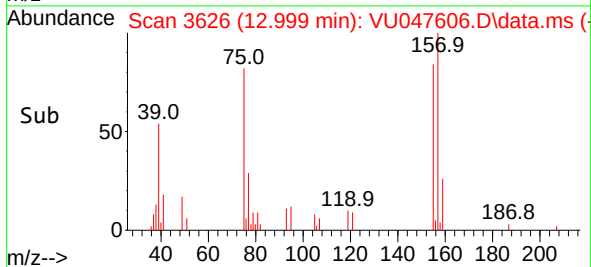
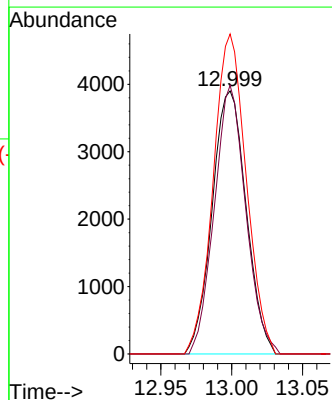
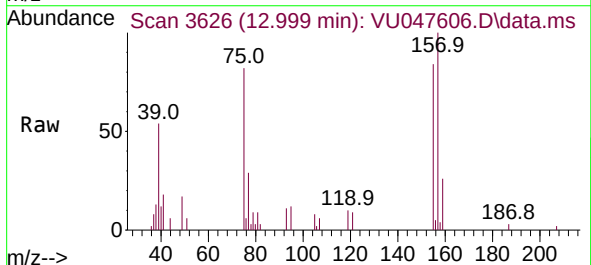
Instrument :
MSVOA_U
ClientSampleId :

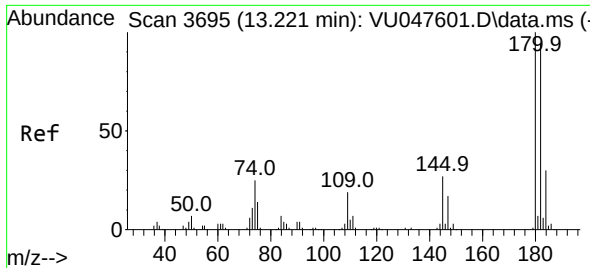
Tgt Ion:146 Resp: 88542
Ion Ratio Lower Upper
146 100
111 39.1 31.4 47.0
148 65.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.557 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

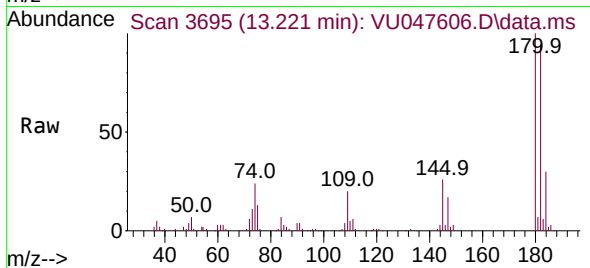
Tgt Ion: 75 Resp: 6512
Ion Ratio Lower Upper
75 100
155 102.2 70.8 106.2
157 121.7 99.4 149.2



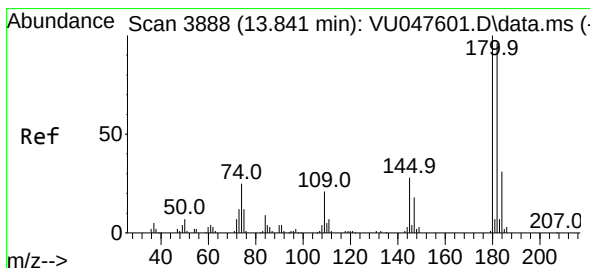
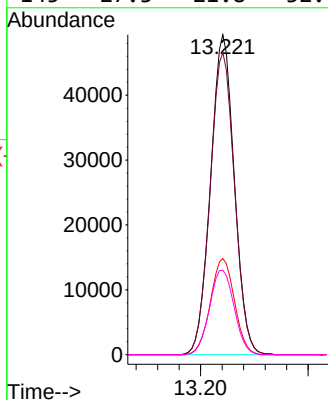
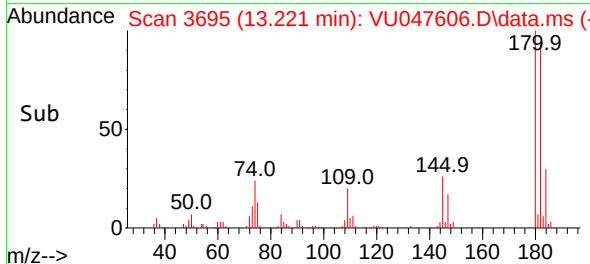


#69
 1,3,5-Trichlorobenzene
 Concen: 5.004 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15

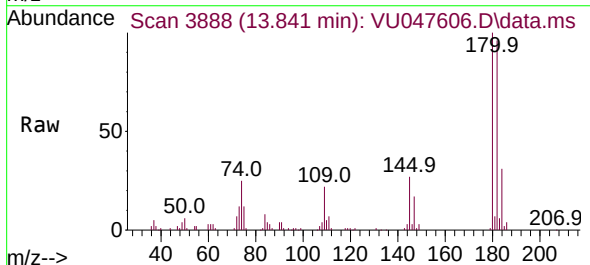
Instrument :
 MSVOA_U
 ClientSampleId :



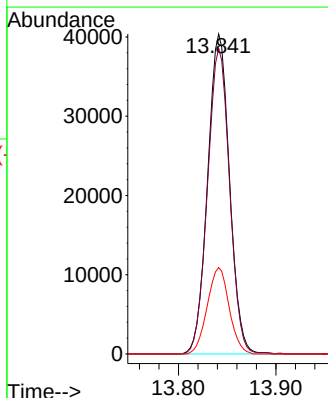
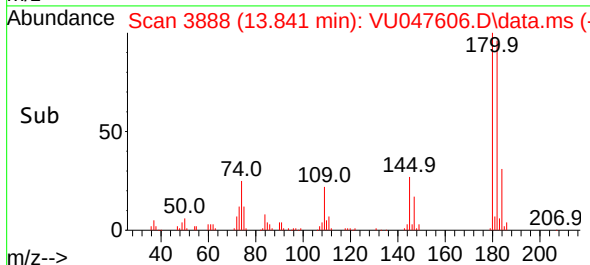
Tgt Ion:180	Resp:	75696
Ion Ratio	Lower	Upper
180	100	
182	96.4	77.3 115.9
184	30.4	24.3 36.5
145	27.3	21.8 32.6

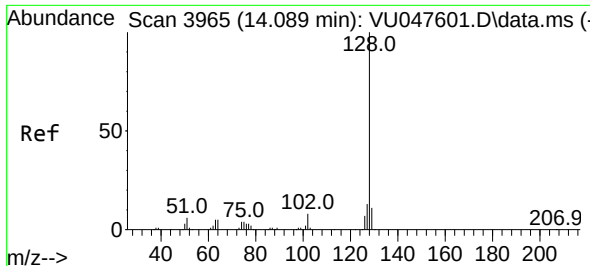


#70
 1,2,4-trichlorobenzene
 Concen: 4.734 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047606.D
 Acq: 17 Mar 2022 14:15



Tgt Ion:180	Resp:	62989
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.6 114.8
145	27.0	22.5 33.7

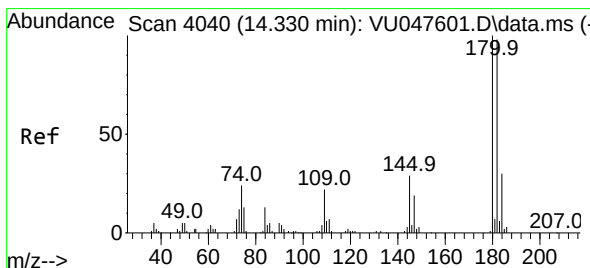
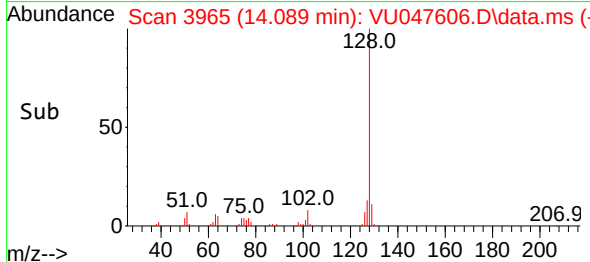
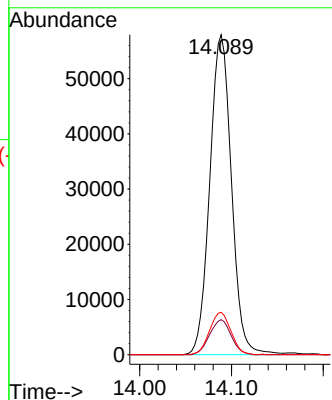
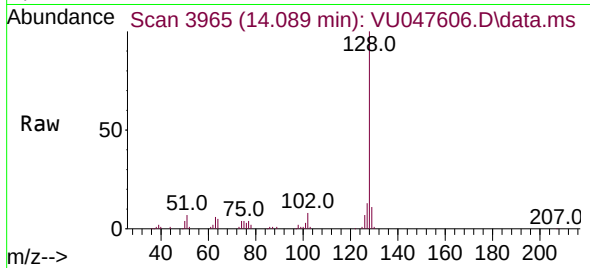




#71
Naphthalene
Concen: 3.850 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 95083
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.650 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047606.D
Acq: 17 Mar 2022 14:15

Tgt Ion:180 Resp: 59374
Ion Ratio Lower Upper
180 100
182 94.9 77.8 116.8
145 28.6 23.7 35.5

