

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040522\
 Data File : U047821.D
 Acq On : 05 Apr 2022 15:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 03:36:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 06 03:35:05 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	358078	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	366068	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	223829	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	154372	59.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 118.900%	
7) Chloroethane-d5	1.915	69	126563	61.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 123.620%	
11) 1,1-Dichloroethene-d2	2.571	63	241302	50.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.580%	
21) 2-Butanone-d5	4.620	46	232816	104.460	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.460%	
24) Chloroform-d	5.066	84	274419	57.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.520%	
26) 1,2-Dichloroethane-d4	5.703	65	168340	57.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.540%	
32) Benzene-d6	5.732	84	554236	60.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 120.340%	
36) 1,2-Dichloropropane-d6	6.693	67	169440	59.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.800%	
41) Toluene-d8	7.899	98	534226	59.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 119.060%	
43) trans-1,3-Dichloroprop...	8.182	79	80179	55.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.900%	
47) 2-Hexanone-d5	8.632	63	176255	106.433	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.430%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	272078	56.043	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.080%	
66) 1,2-Dichlorobenzene-d4	12.195	152	231600	58.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 116.320%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	126139	37.997	ug/L	99
3) Chloromethane	1.526	50	125988	39.684	ug/L	99
5) Vinyl chloride	1.607	62	128569	39.708	ug/L	99
6) Bromomethane	1.858	94	71149	40.826	ug/L	98
8) Chloroethane	1.935	64	78766	38.751	ug/L	98
9) Trichlorofluoromethane	2.141	101	170827	37.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	104404	39.558	ug/L	98
12) 1,1-Dichloroethene	2.584	96	94635	38.528	ug/L	98
13) Acetone	2.623	43	154664	74.570	ug/L	97
14) Carbon disulfide	2.796	76	269574	34.721	ug/L	99
15) Methyl Acetate	2.948	43	117070	35.397	ug/L	98
16) Methylene chloride	3.050	84	116160	41.212	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	101028	38.133	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	296544	39.675	ug/L	99
19) 1,1-Dichloroethane	3.874	63	181628	39.751	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	116700	40.179	ug/L	97
22) 2-Butanone	4.700	43	186799	69.916	ug/L	97
23) Bromochloromethane	4.980	128	64212	40.266	ug/L	99
25) Chloroform	5.092	83	197478	40.144	ug/L	100

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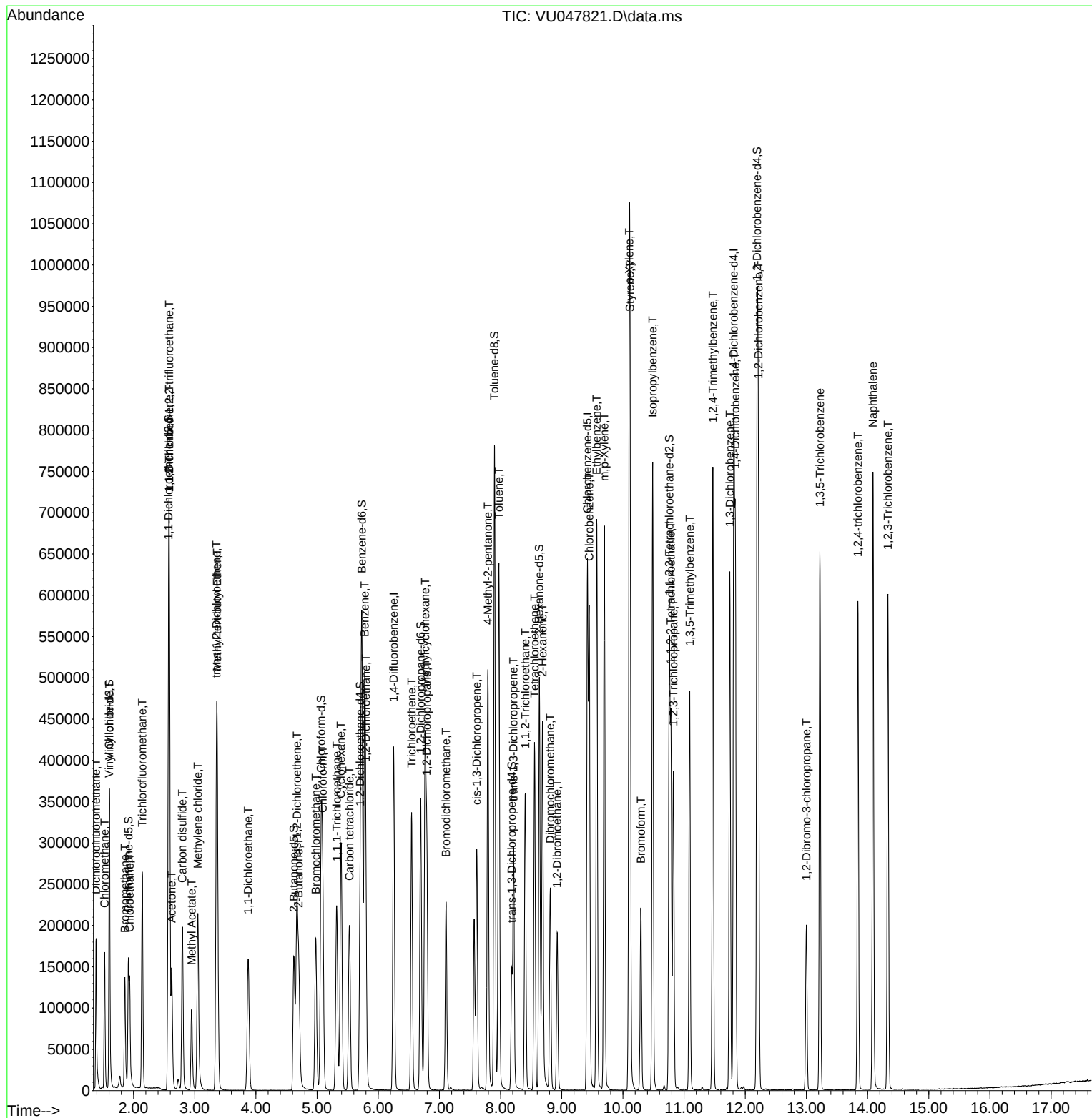
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	149830	39.423	ug/L	98
29) Cyclohexane	5.391	56	147333	39.663	ug/L	97
30) 1,1,1-Trichloroethane	5.320	97	162535	39.157	ug/L	99
31) Carbon tetrachloride	5.529	117	140798	37.564	ug/L	98
33) Benzene	5.777	78	432065	40.776	ug/L	100
34) Trichloroethene	6.545	95	112235	40.402	ug/L	99
35) Methylcyclohexane	6.767	83	168956	39.979	ug/L	99
37) 1,2-Dichloropropane	6.793	63	110930	41.182	ug/L	100
38) Bromodichloromethane	7.108	83	146996	39.740	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	166528	39.844	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	314697	73.920	ug/L	100
42) Toluene	7.973	91	482758	41.523	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	163149	39.096	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	115421	40.402	ug/L	99
46) Tetrachloroethene	8.555	164	99550	39.878	ug/L	100
48) 2-Hexanone	8.687	43	267752	73.115	ug/L	99
49) Dibromochloromethane	8.812	129	127148	38.427	ug/L	99
50) 1,2-Dibromoethane	8.925	107	127288	39.744	ug/L	100
51) Chlorobenzene	9.449	112	319805	40.512	ug/L	99
52) Ethylbenzene	9.571	91	500249	40.921	ug/L	100
53) m,p-Xylene	9.697	106	196769	41.022	ug/L	99
54) o-Xylene	10.102	106	190913	40.552	ug/L	98
55) Styrene	10.118	104	335500	41.741	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	209366	39.092	ug/L	99
59) Bromoform	10.295	173	103458	36.147	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	160539	38.046	ug/L	100
61) Isopropylbenzene	10.487	105	500335	41.361	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	263346	40.123	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	413715	41.497	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	269342	40.059	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	273806	39.315	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	270176	40.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	45763	33.858	ug/L	99
69) 1,3,5-Trichlorobenzene	13.220	180	217919	39.907	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	195868	40.951	ug/L	99
71) Naphthalene	14.089	128	604600	42.399	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	202861	42.308	ug/L	99

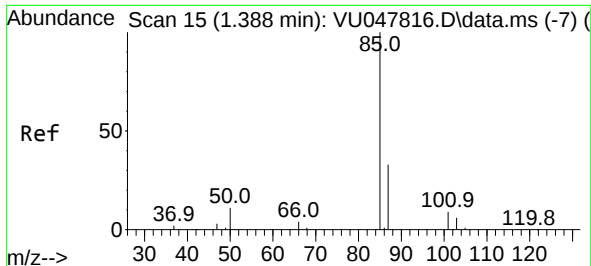
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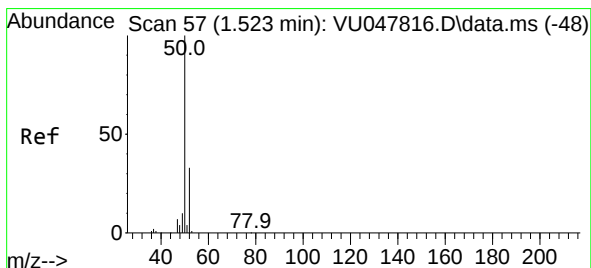
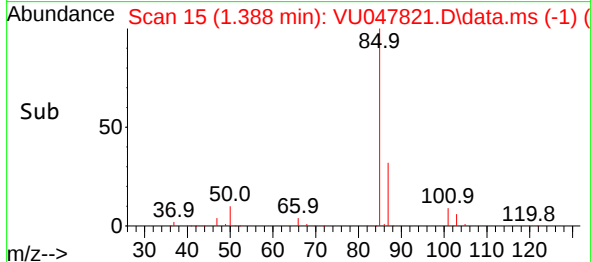
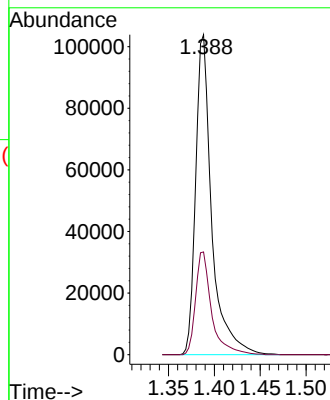
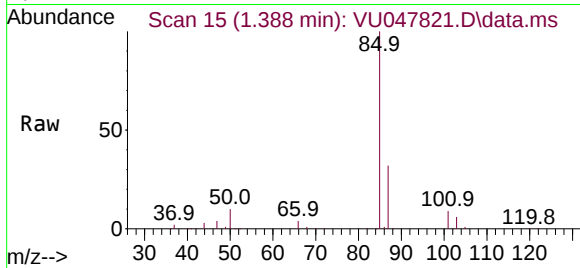




#2
 Dichlorodifluoromethane
 Concen: 37.997 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

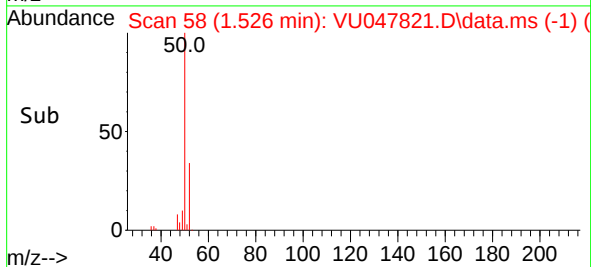
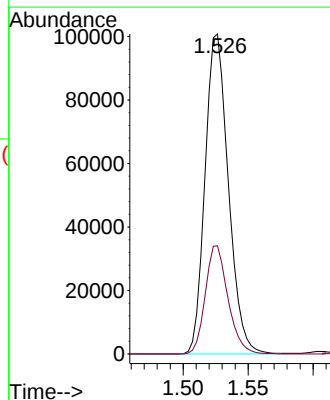
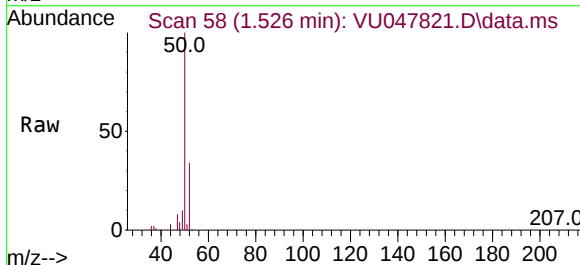
Instrument :
 MSVOA_U
 ClientSampleId :

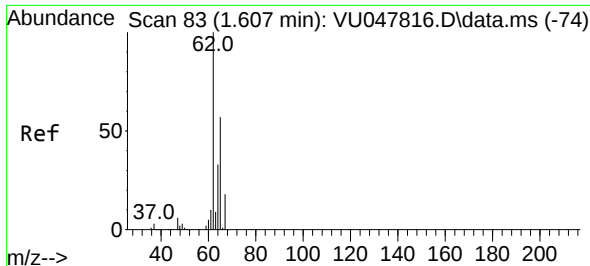
Tgt Ion: 85 Resp: 126139
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 39.684 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. 0.003 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

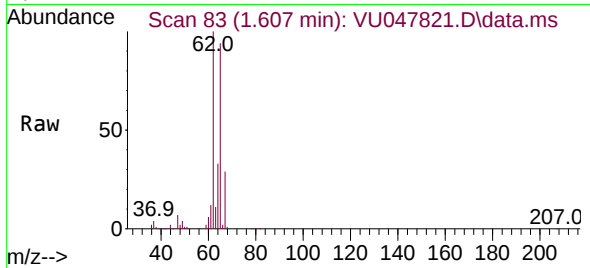
Tgt Ion: 50 Resp: 125988
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2



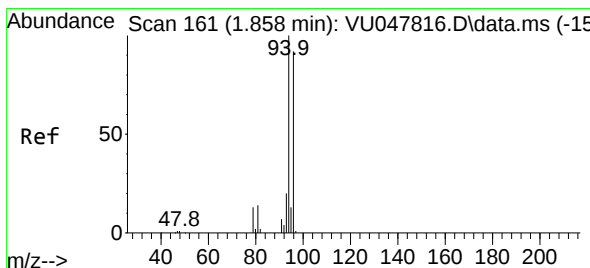
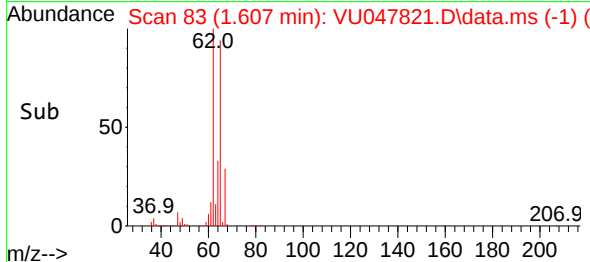
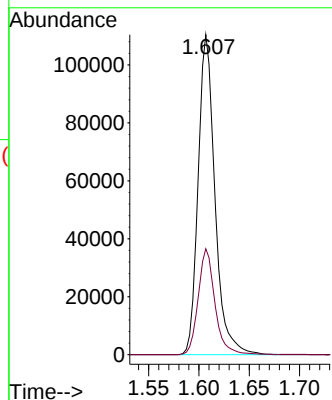


#5
 Vinyl chloride
 Concen: 39.708 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :

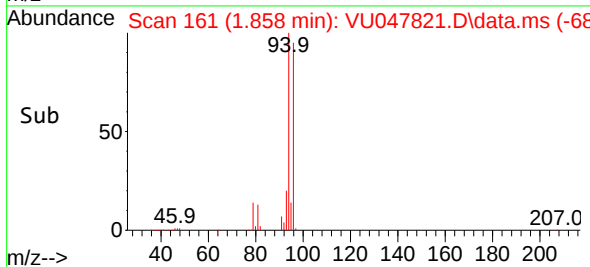
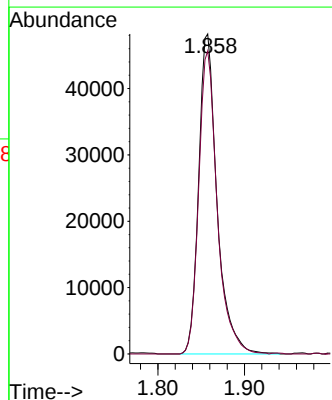
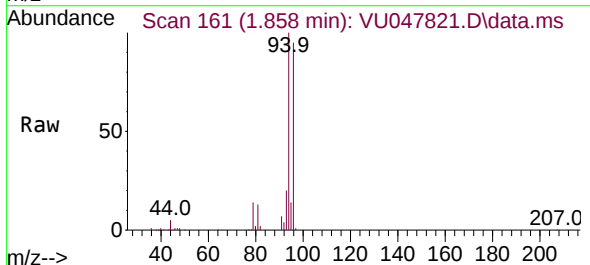


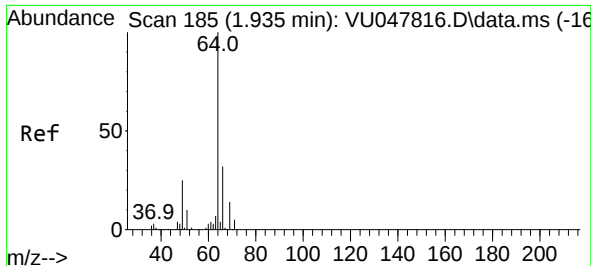
Tgt Ion: 62 Resp: 128569
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.7 43.9



#6
 Bromomethane
 Concen: 40.826 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

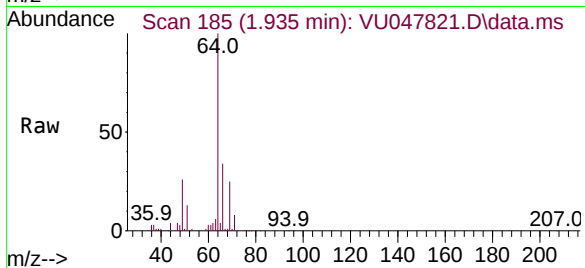
Tgt Ion: 94 Resp: 71149
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.8 120.3



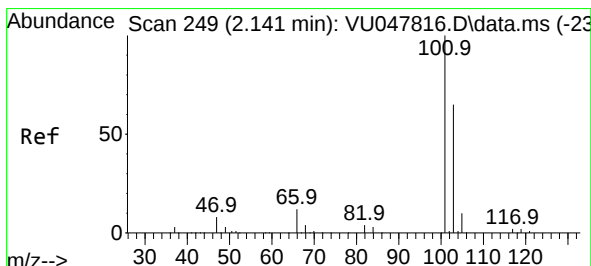
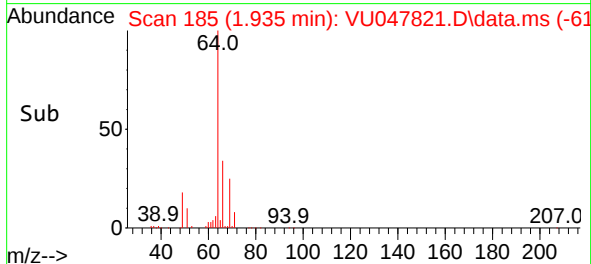
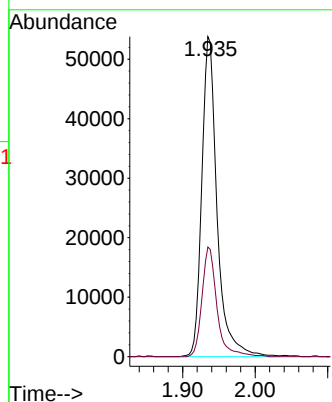


#8
Chloroethane
Concen: 38.751 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Instrument :
MSVOA_U
ClientSampleId :

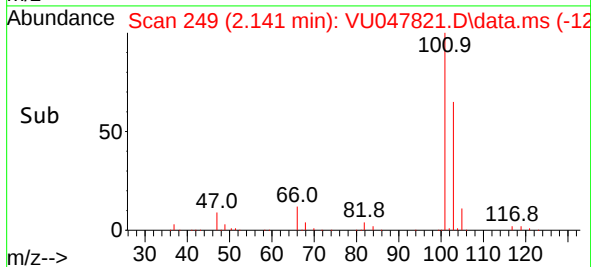
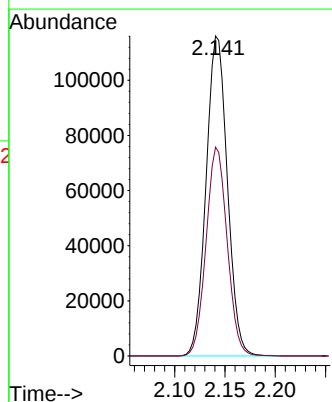
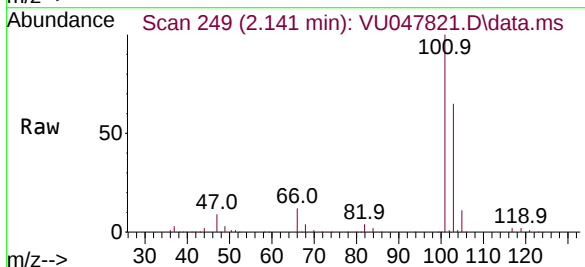


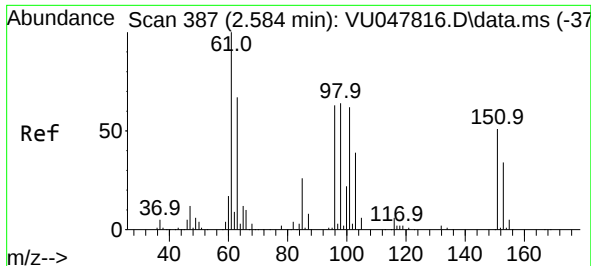
Tgt Ion: 64 Resp: 78766
Ion Ratio Lower Upper
64 100
66 34.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 37.414 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 101 Resp: 170827
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

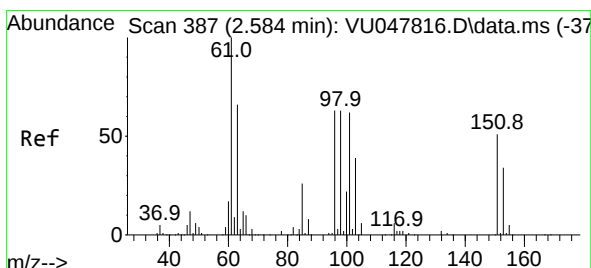
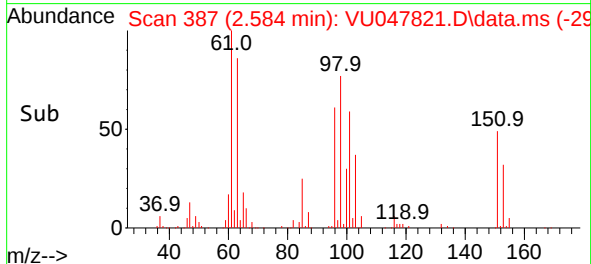
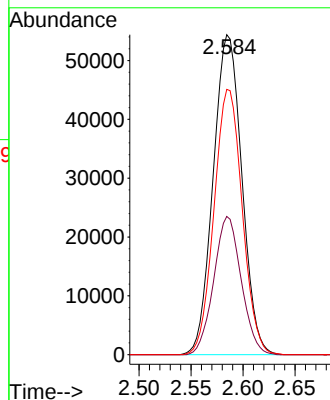
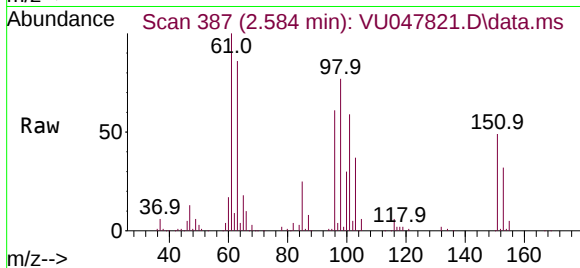




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 39.558 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

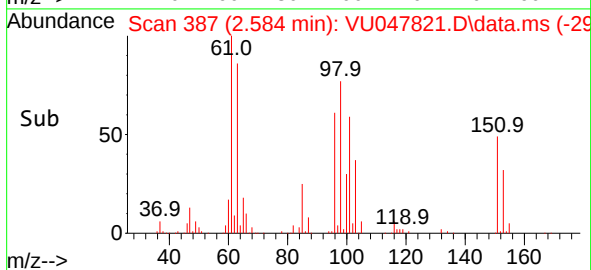
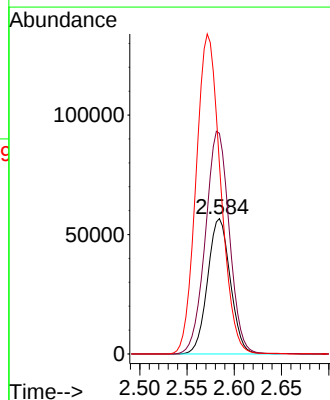
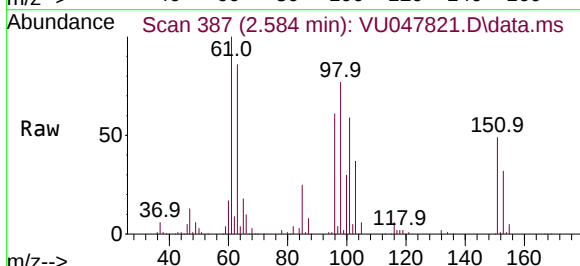
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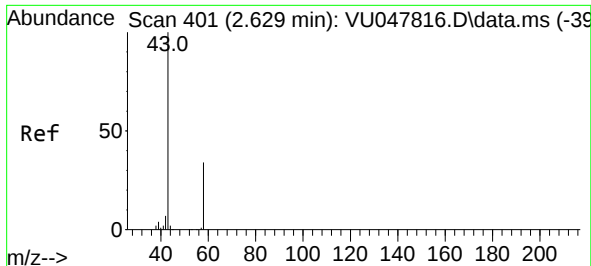
Tgt Ion:101 Resp: 104404
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.8 49.2
 151 81.6 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 38.528 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Tgt Ion: 96 Resp: 94635
 Ion Ratio Lower Upper
 96 100
 61 163.0 113.1 210.1
 63 140.4 94.8 176.0





#13

Acetone

Concen: 74.570 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.007 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

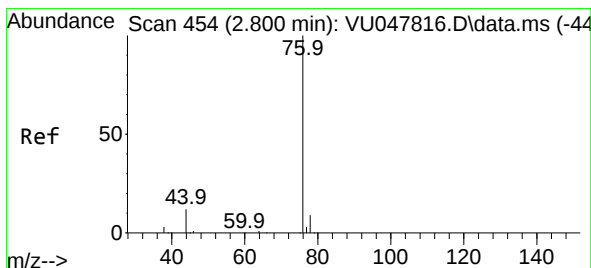
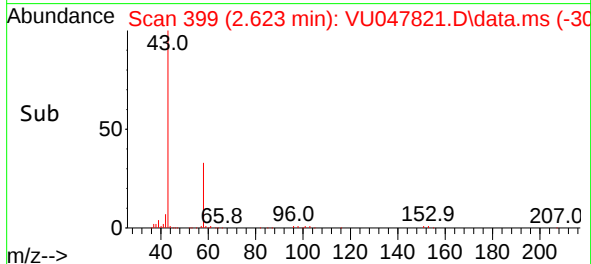
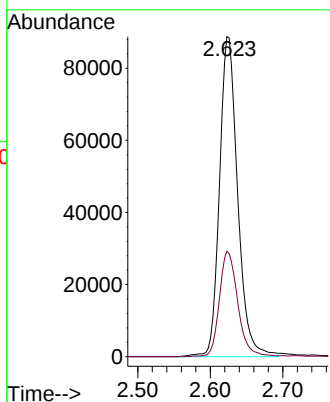
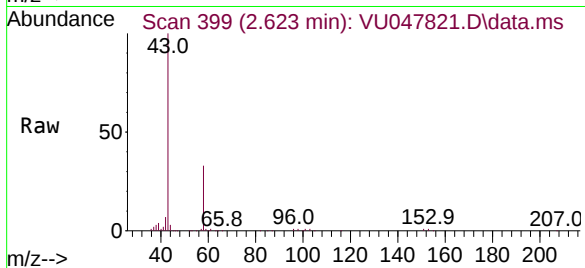
ClientSampleId :

Tgt Ion: 43 Resp: 154664

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.0



#14

Carbon disulfide

Concen: 34.721 ug/L

RT: 2.796 min Scan# 453

Delta R.T. -0.003 min

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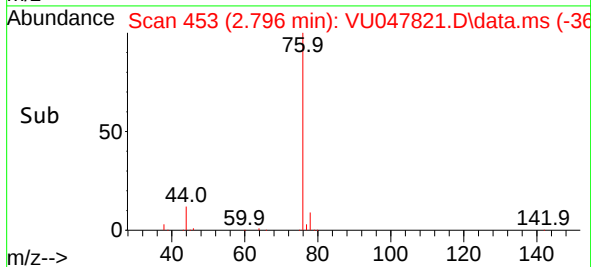
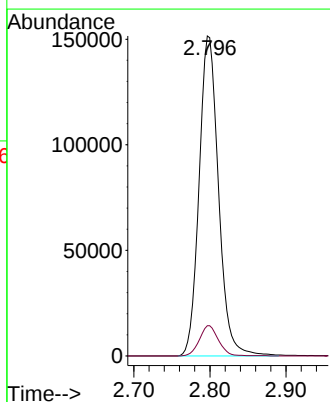
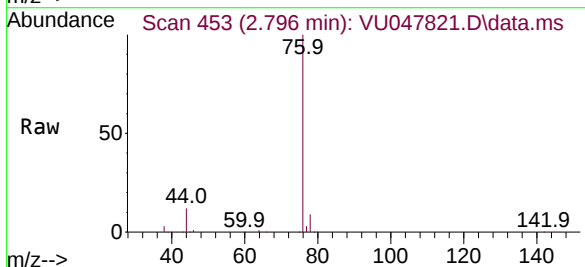
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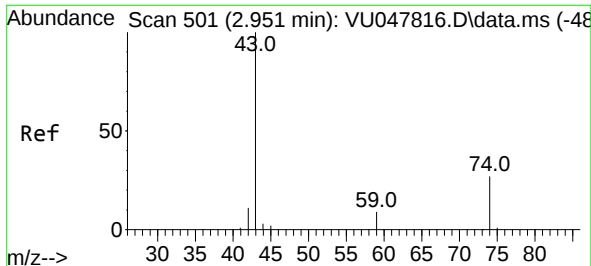
Tgt Ion: 76 Resp: 269574

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

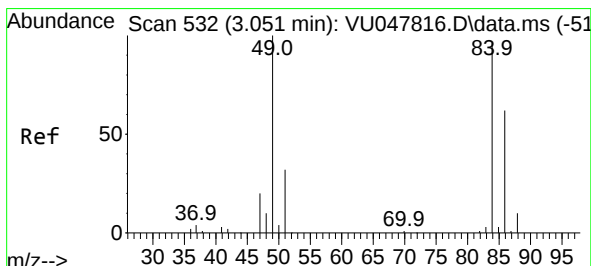
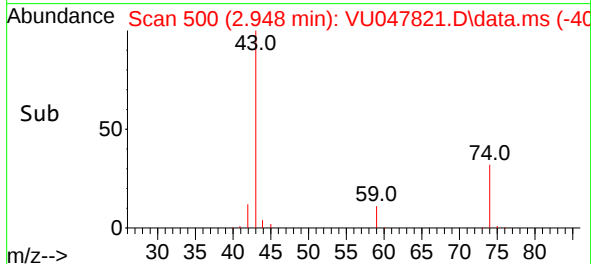
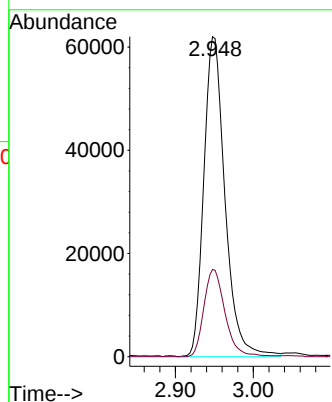
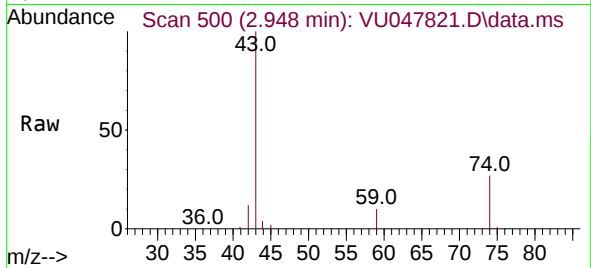




#15
Methyl Acetate
Concen: 35.397 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

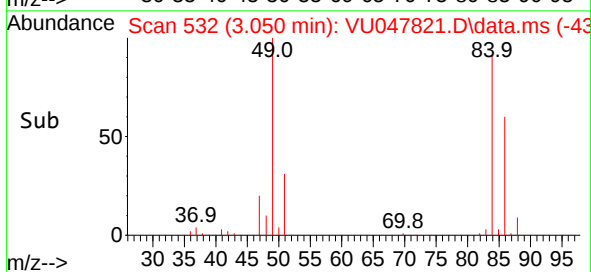
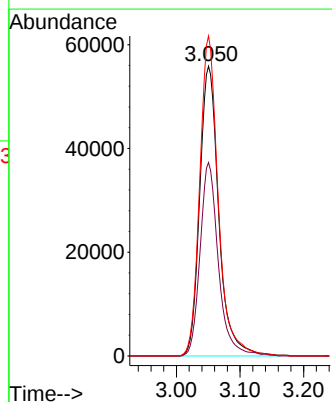
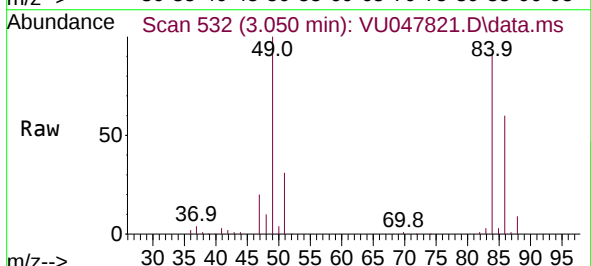
Instrument :
MSVOA_U
ClientSampleId :

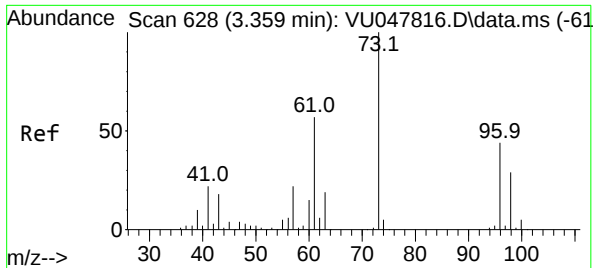
Tgt Ion: 43 Resp: 117070
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.2



#16
Methylene chloride
Concen: 41.212 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 84 Resp: 116160
Ion Ratio Lower Upper
84 100
86 66.7 46.0 85.4
49 110.4 75.3 139.8

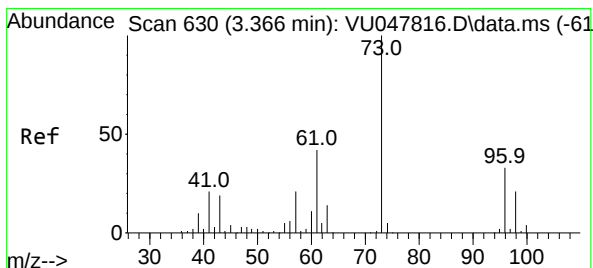
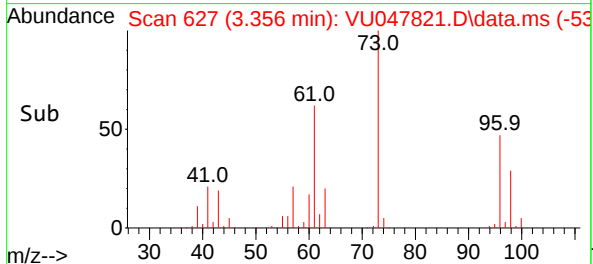
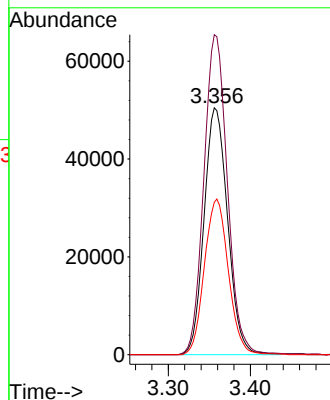
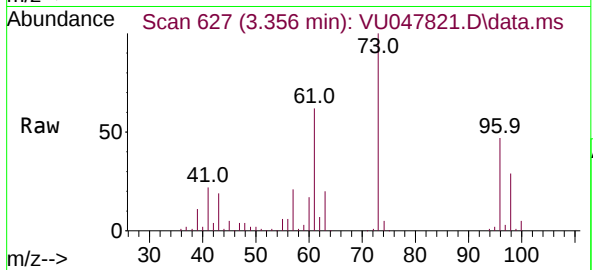




#17
trans-1,2-Dichloroethene
Concen: 38.133 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

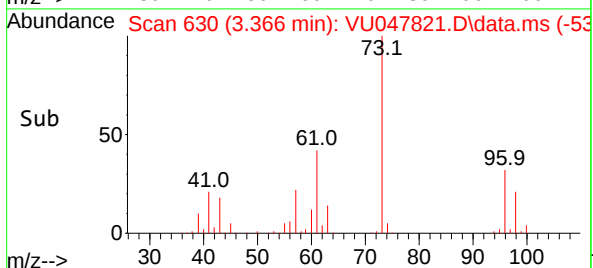
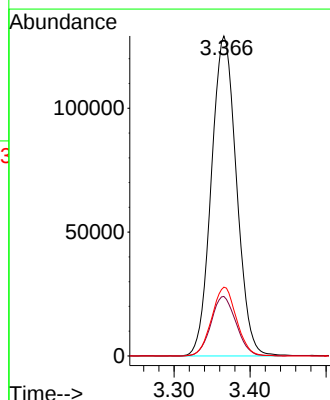
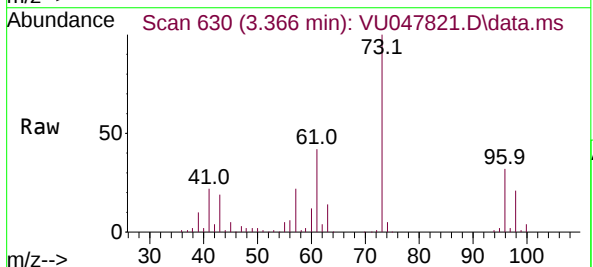
Instrument :
MSVOA_U
ClientSampleId :

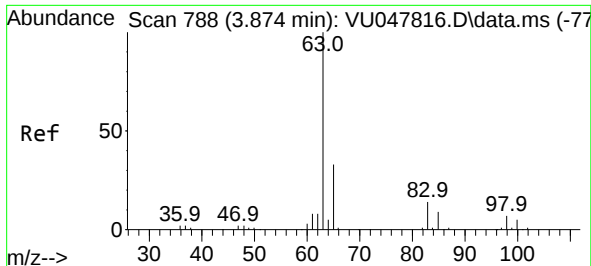
Tgt Ion: 96 Resp: 101028
Ion Ratio Lower Upper
96 100
61 129.6 88.4 164.2
98 61.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 39.675 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Tgt Ion: 73 Resp: 296544
Ion Ratio Lower Upper
73 100
43 18.6 15.3 22.9
57 21.2 17.0 25.6

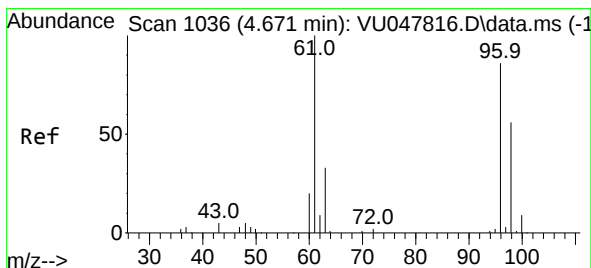
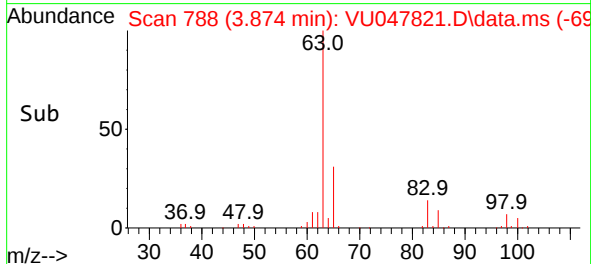
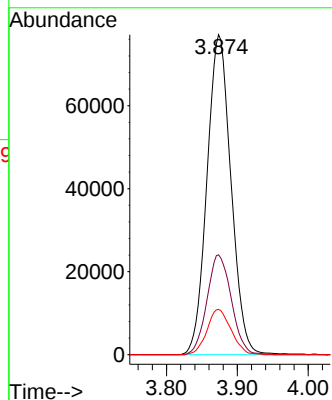
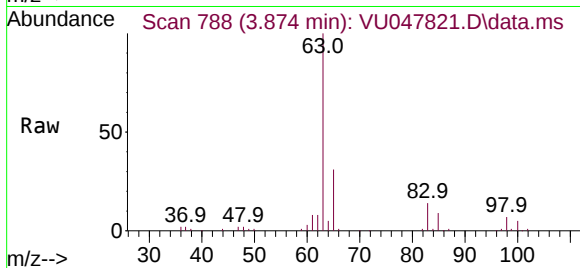




#19
 1,1-Dichloroethane
 Concen: 39.751 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

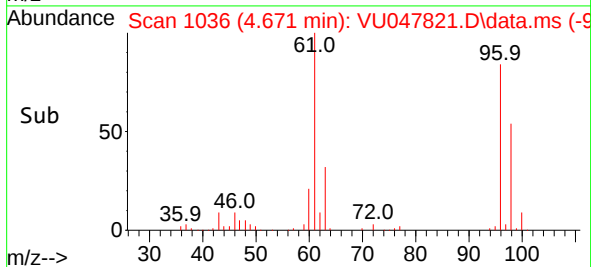
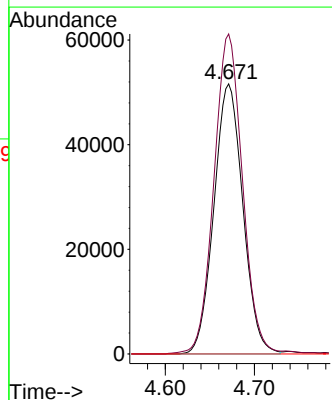
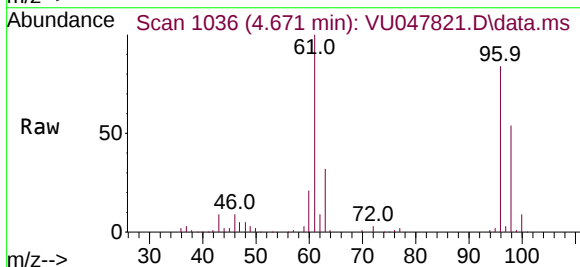
Instrument :
 MSVOA_U
 ClientSampleId :

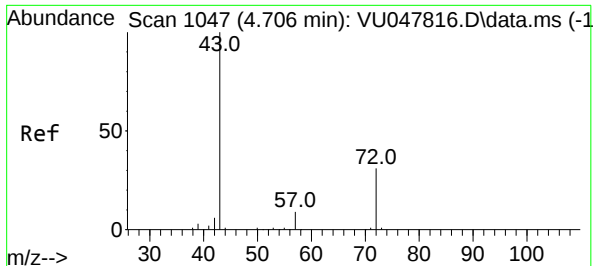
Tgt Ion: 63 Resp: 181628
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.0 41.0
 83 14.1 9.7 18.1



#20
 cis-1,2-Dichloroethene
 Concen: 40.179 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Tgt Ion: 96 Resp: 116700
 Ion Ratio Lower Upper
 96 100
 61 118.5 80.7 149.9
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 69.916 ug/L

RT: 4.700 min Scan# 1047

Delta R.T. -0.007 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

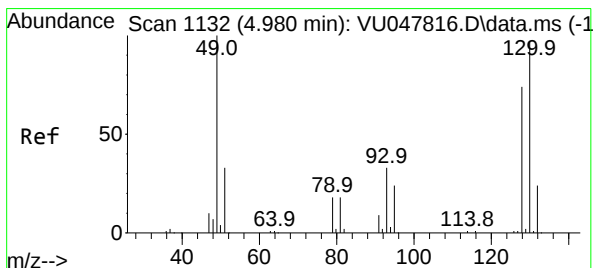
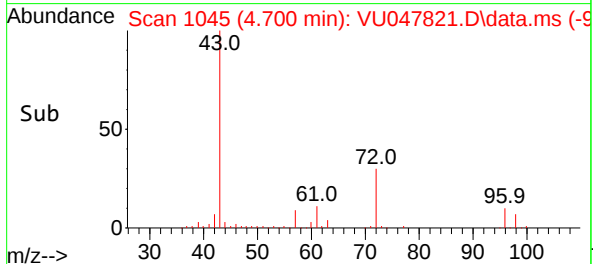
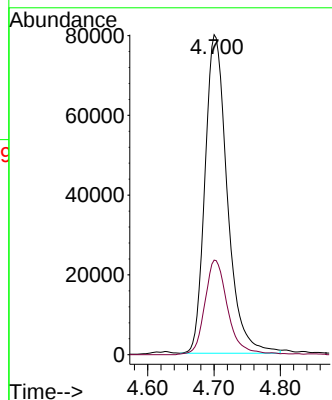
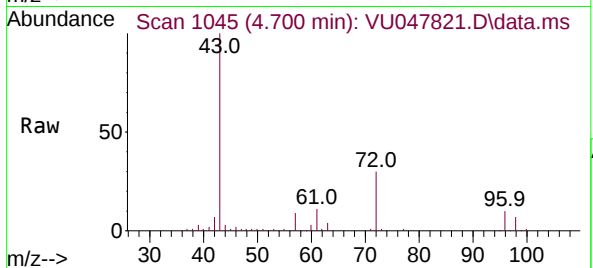
ClientSampleId :

Tgt Ion: 43 Resp: 186799

Ion Ratio Lower Upper

43 100

72 30.2 16.0 47.9



#23

Bromochloromethane

Concen: 40.266 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Tgt Ion: 128 Resp: 64212

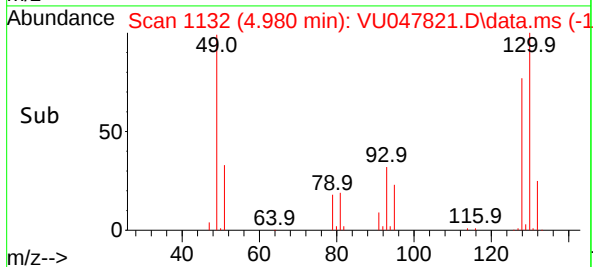
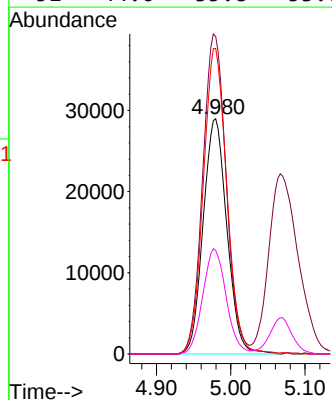
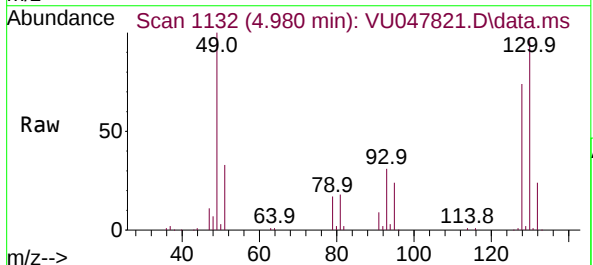
Ion Ratio Lower Upper

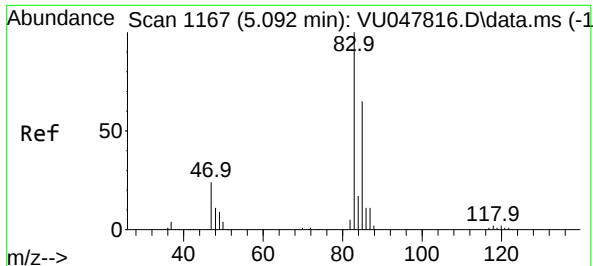
128 100

49 134.9 94.1 174.8

130 129.8 90.2 167.4

51 44.0 35.8 53.6





#25

Chloroform

Concen: 40.144 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

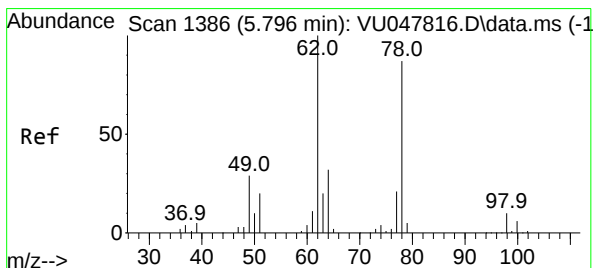
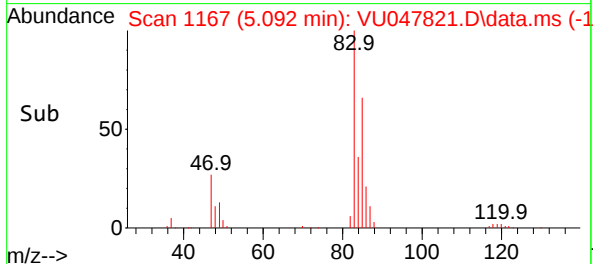
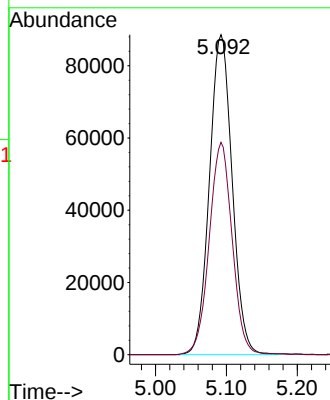
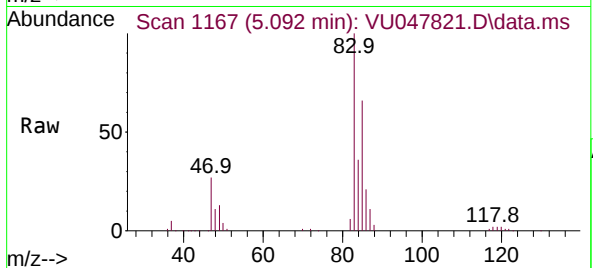
ClientSampleId :

Tgt Ion: 83 Resp: 197478

Ion Ratio Lower Upper

83 100

85 66.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 39.423 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047821.D

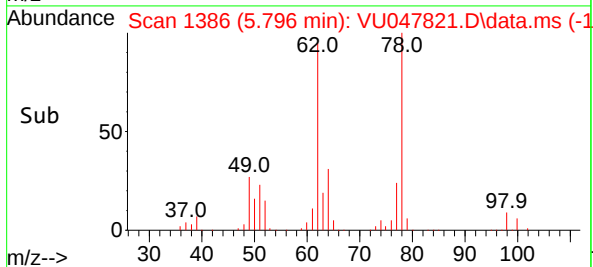
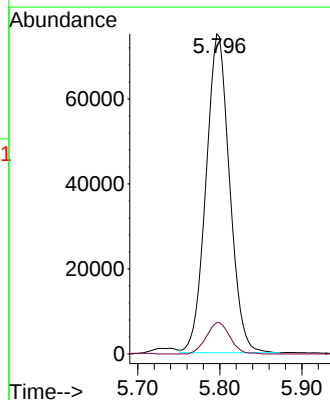
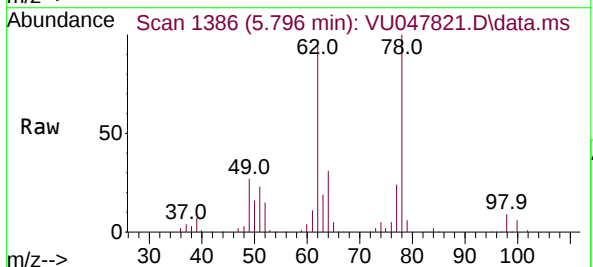
Acq: 05 Apr 2022 15:03

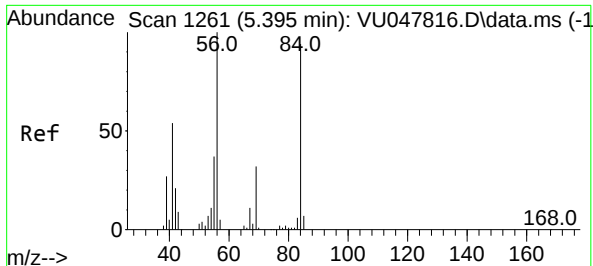
Tgt Ion: 62 Resp: 149830

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0





#29

Cyclohexane

Concen: 39.663 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

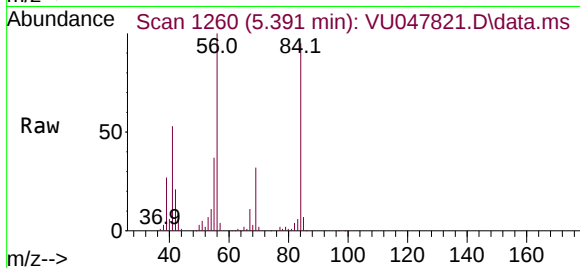
Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :



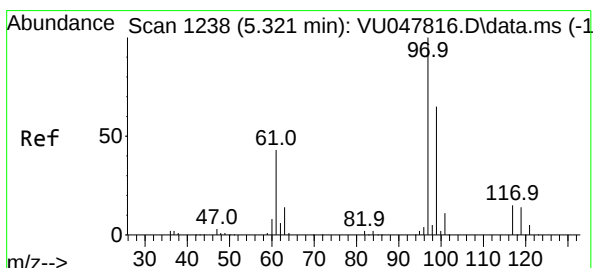
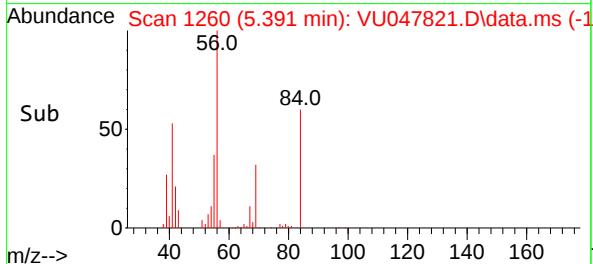
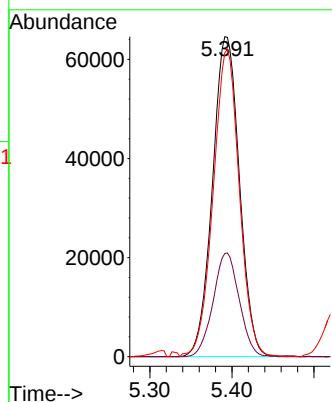
Tgt Ion: 56 Resp: 147333

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 93.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 39.157 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

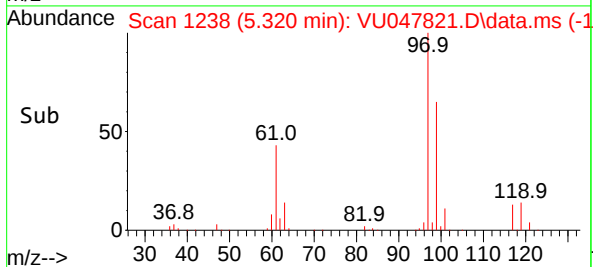
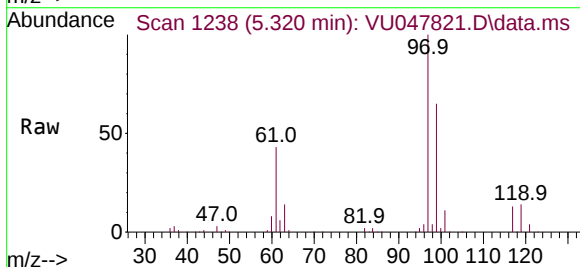
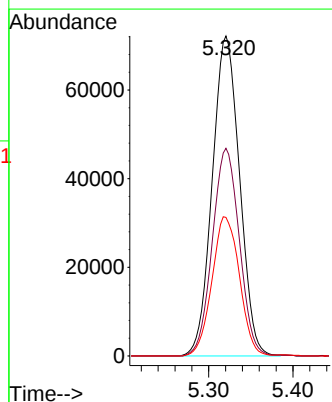
Tgt Ion: 97 Resp: 162535

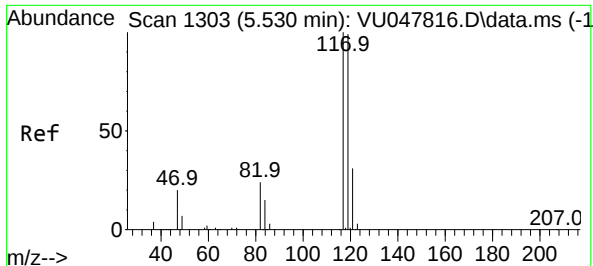
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.8 34.2 51.4

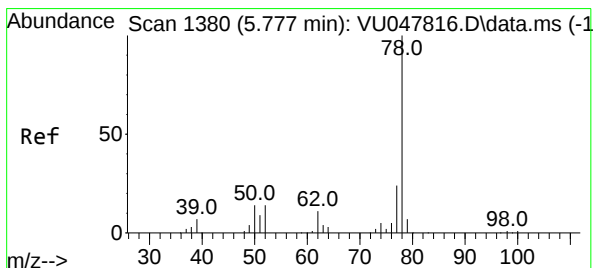
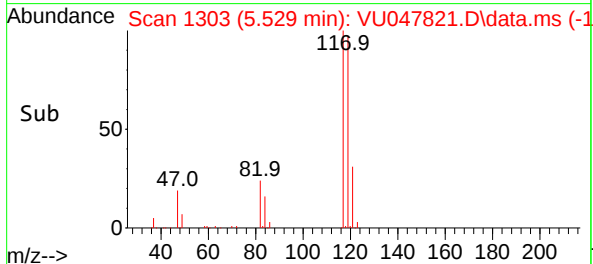
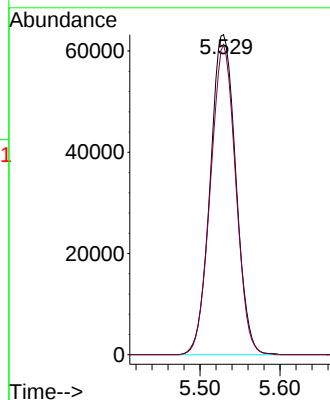
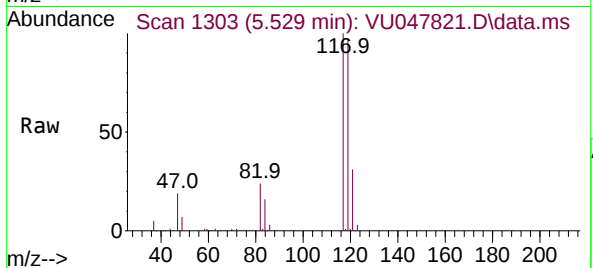




#31
Carbon tetrachloride
Concen: 37.564 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

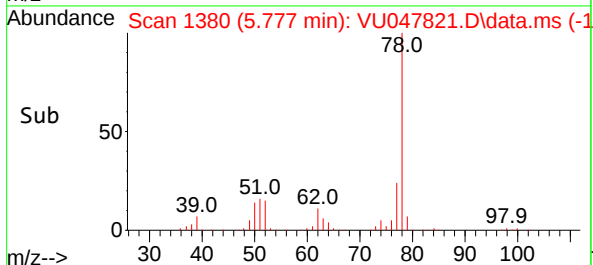
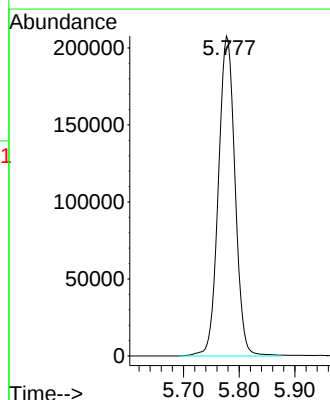
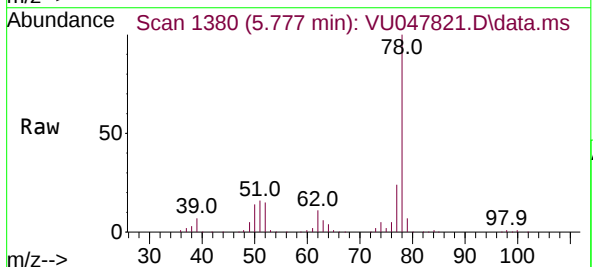
Instrument :
MSVOA_U
ClientSampleId :

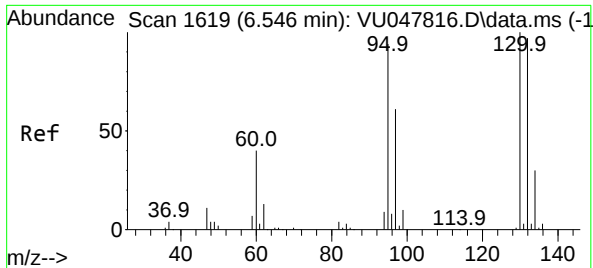
Tgt Ion:117 Resp: 140798
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8



#33
Benzene
Concen: 40.776 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

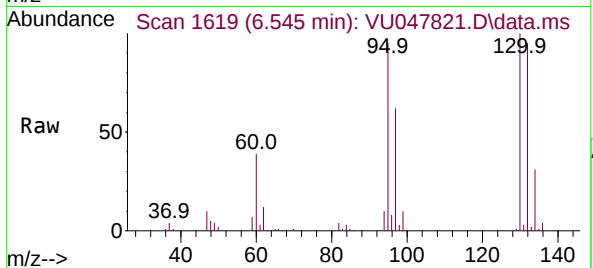
Tgt Ion: 78 Resp: 432065



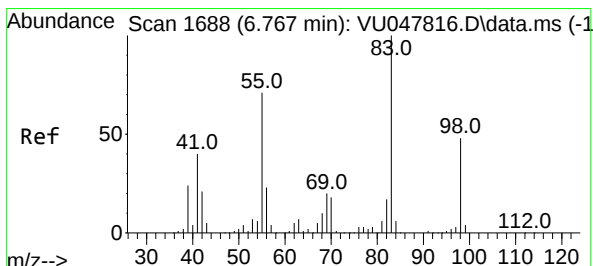
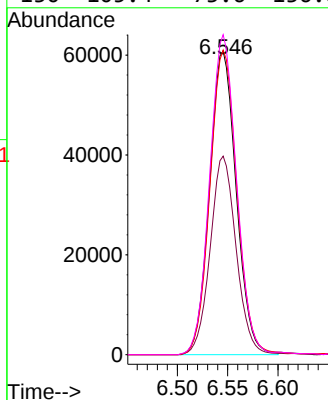
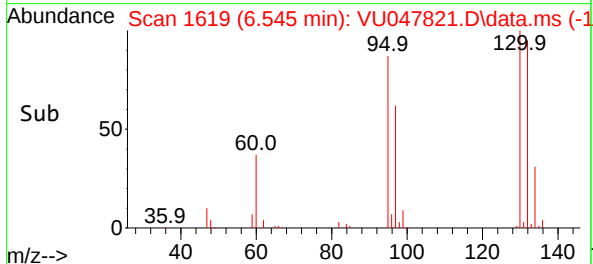


#34
Trichloroethene
Concen: 40.402 ug/L
RT: 6.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

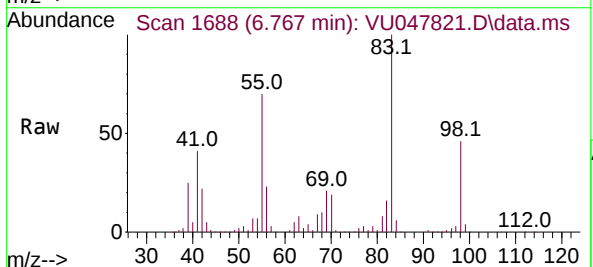
Instrument :
MSVOA_U
ClientSampleId :



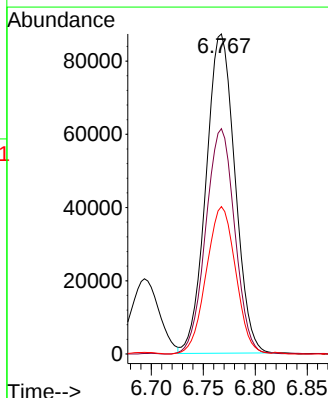
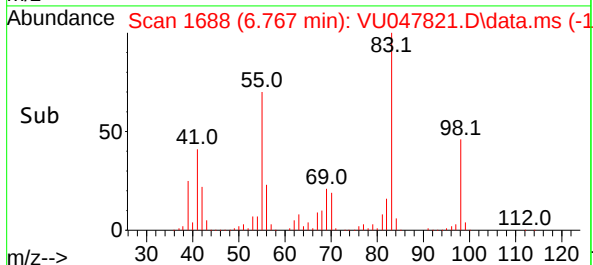
Tgt Ion: 95 Resp: 112235
Ion Ratio Lower Upper
95 100
97 65.4 44.7 82.9
132 100.3 70.4 130.8
130 105.4 73.6 136.8

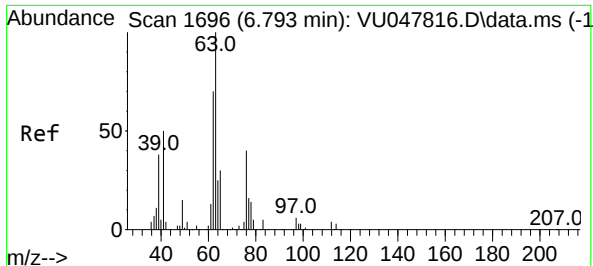


#35
Methylcyclohexane
Concen: 39.979 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03



Tgt Ion: 83 Resp: 168956
Ion Ratio Lower Upper
83 100
55 70.9 56.8 85.2
98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 41.182 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

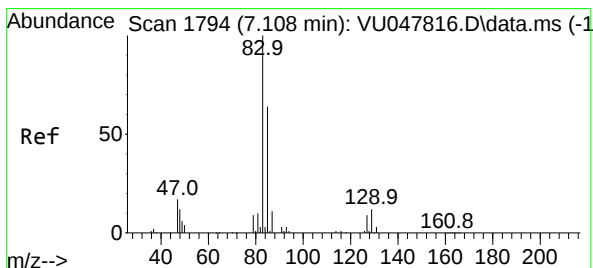
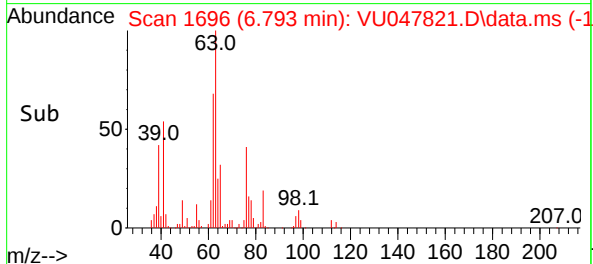
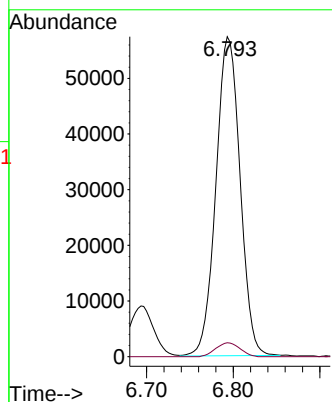
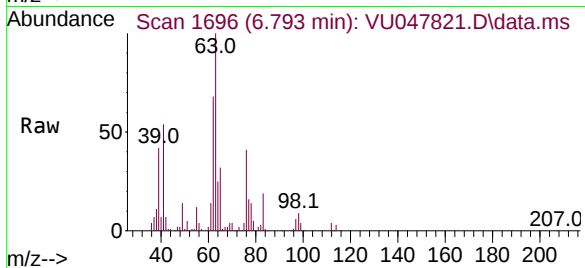
ClientSampleId :

Tgt Ion: 63 Resp: 110930

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 39.740 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

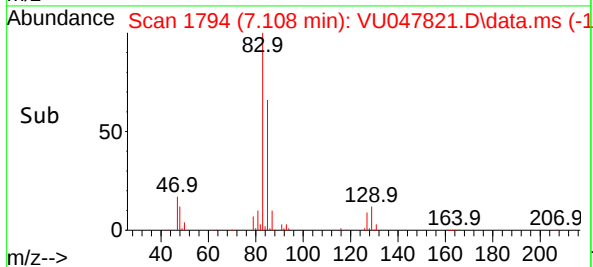
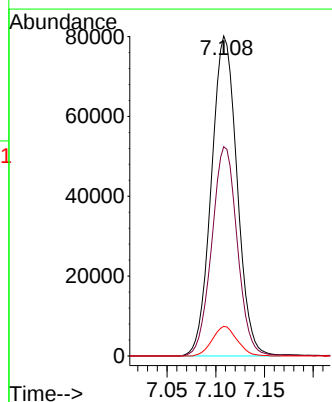
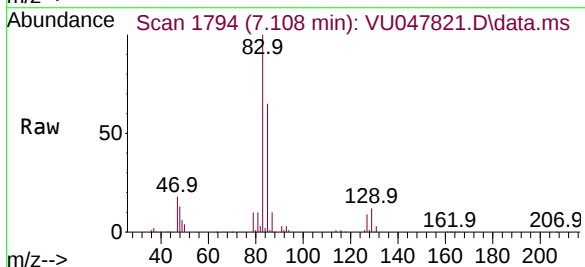
Tgt Ion: 83 Resp: 146996

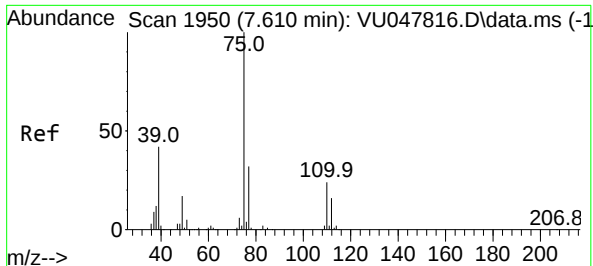
Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.4

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 39.844 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

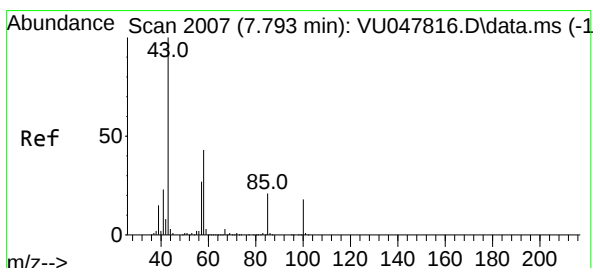
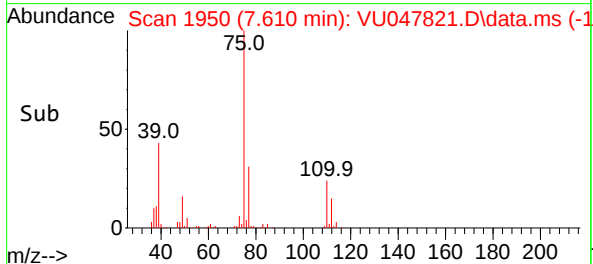
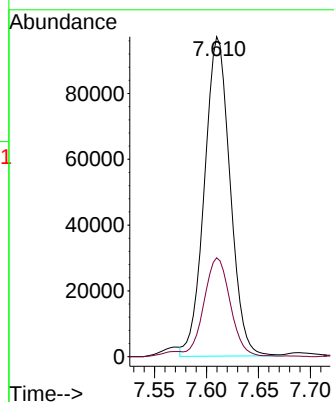
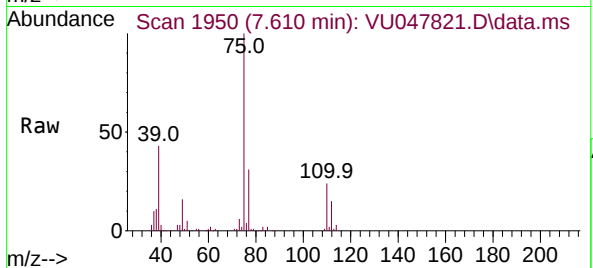
ClientSampleId :

Tgt Ion: 75 Resp: 166528

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 73.920 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

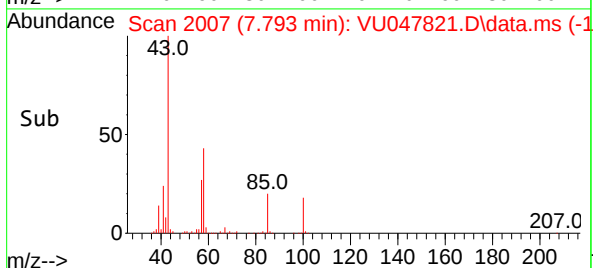
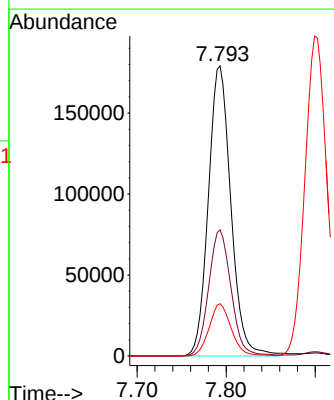
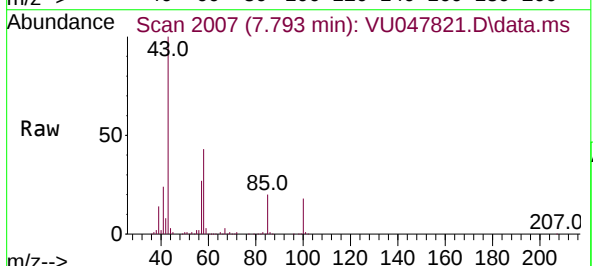
Tgt Ion: 43 Resp: 314697

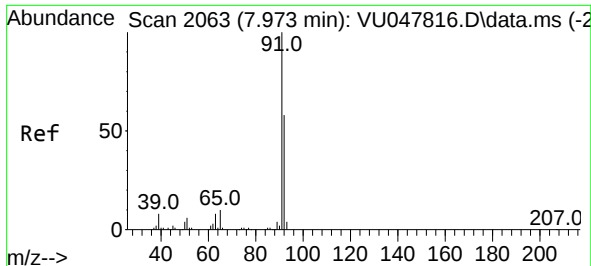
Ion Ratio Lower Upper

43 100

58 43.2 34.7 52.1

100 17.7 14.2 21.2





#42

Toluene

Concen: 41.523 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

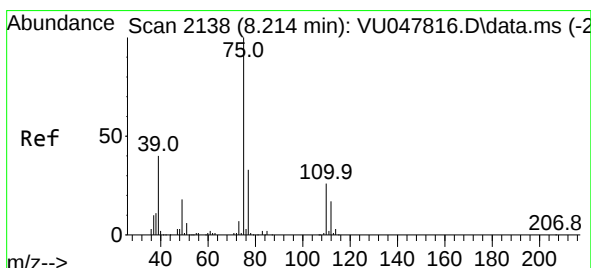
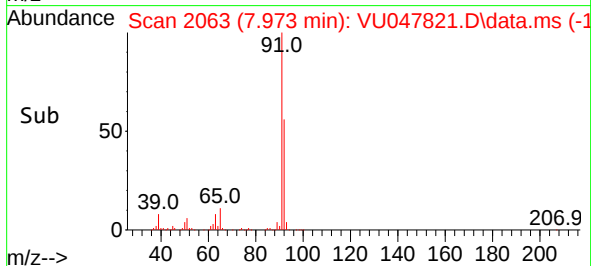
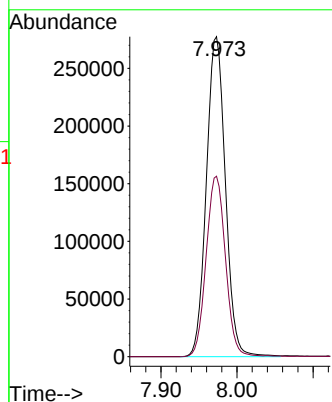
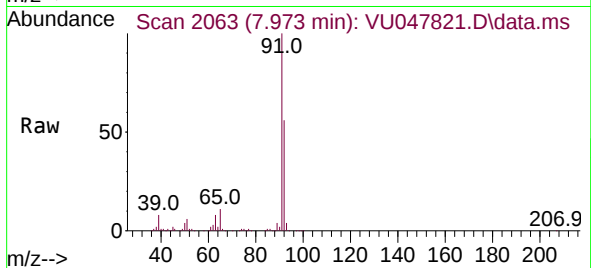
ClientSampleId :

Tgt Ion: 91 Resp: 482758

Ion Ratio Lower Upper

91 100

92 56.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 39.096 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047821.D

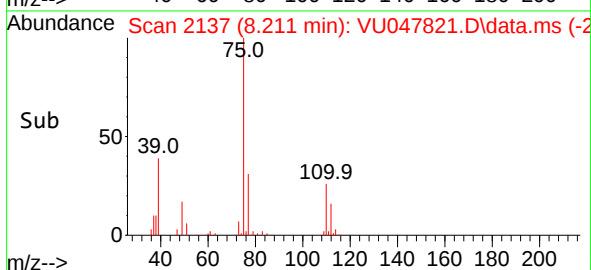
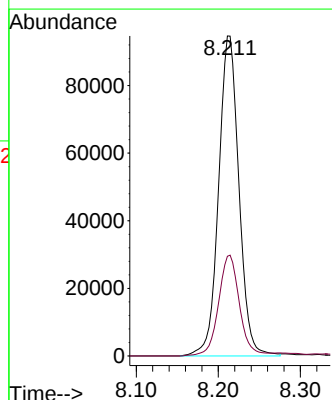
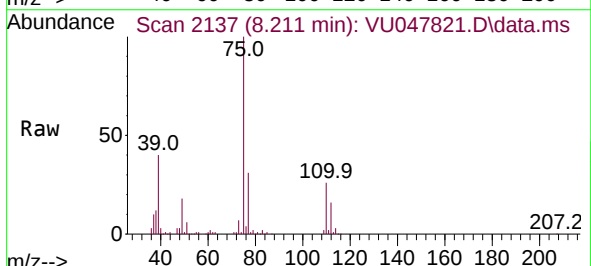
Acq: 05 Apr 2022 15:03

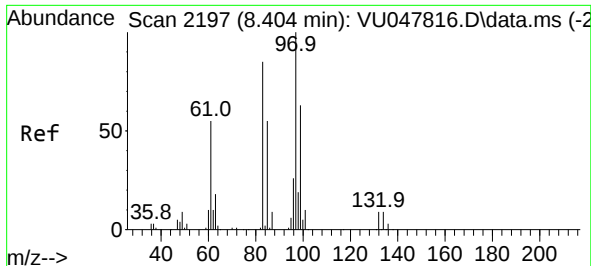
Tgt Ion: 75 Resp: 163149

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8

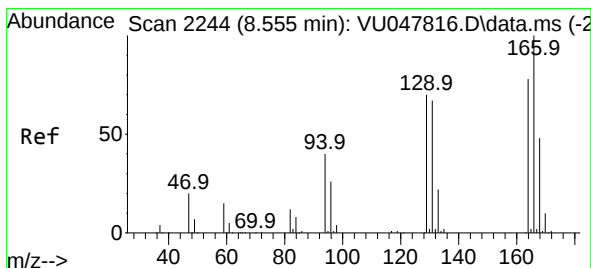
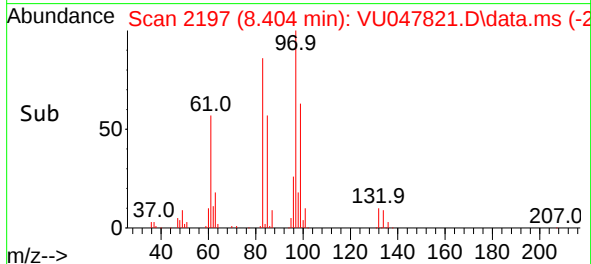
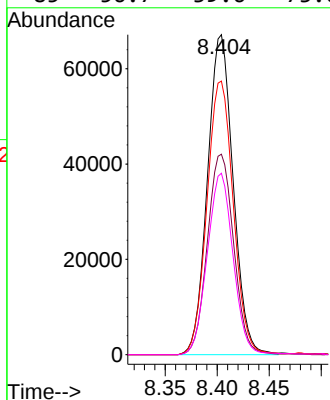
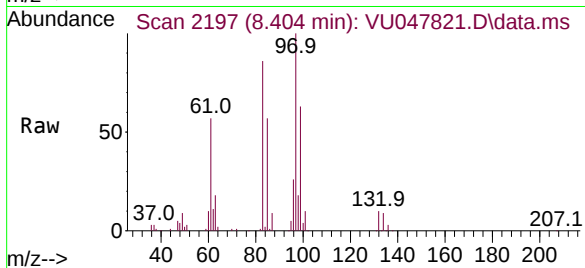




#45
1,1,2-Trichloroethane
Concen: 40.402 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

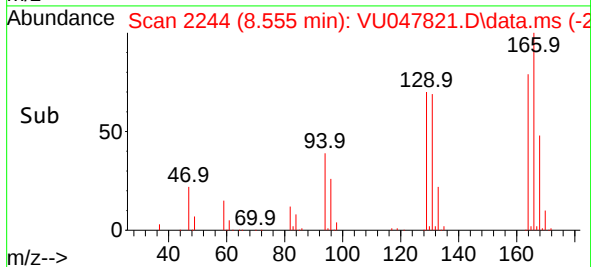
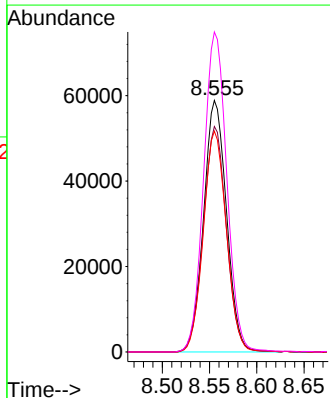
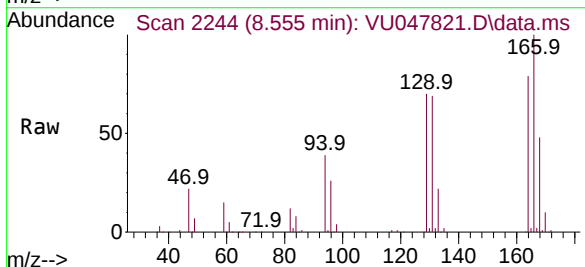
Instrument :
MSVOA_U
ClientSampleId :

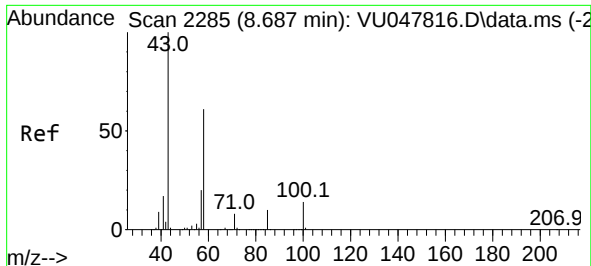
Tgt Ion:	97	Resp:	115421
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	85.5	61.0	113.4
85	56.7	39.6	73.6



#46
Tetrachloroethene
Concen: 39.878 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

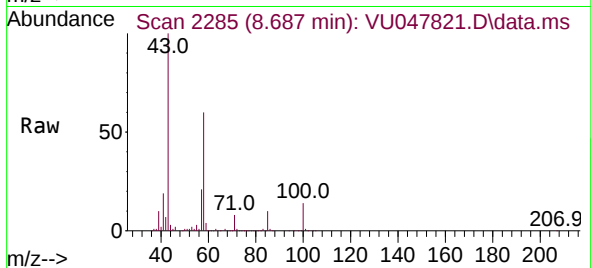
Tgt Ion:	164	Resp:	99550
Ion	Ratio	Lower	Upper
164	100		
129	89.6	62.4	116.0
131	87.8	60.7	112.7
166	127.2	89.0	165.4



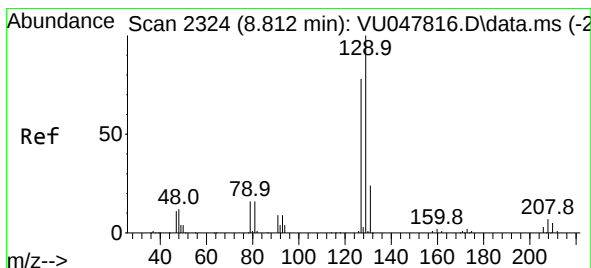
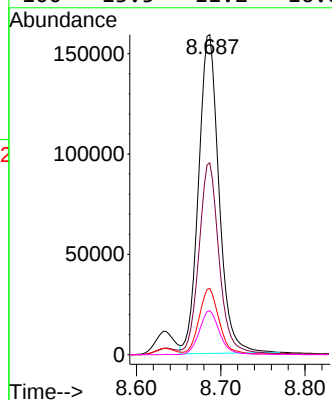
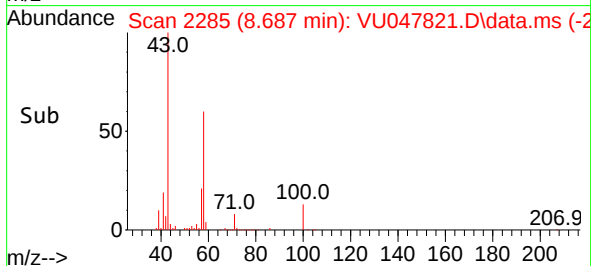


#48
2-Hexanone
Concen: 73.115 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Instrument :
MSVOA_U
ClientSampleId :

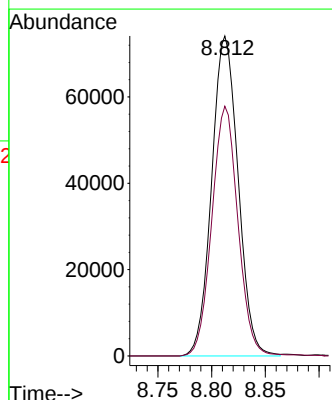
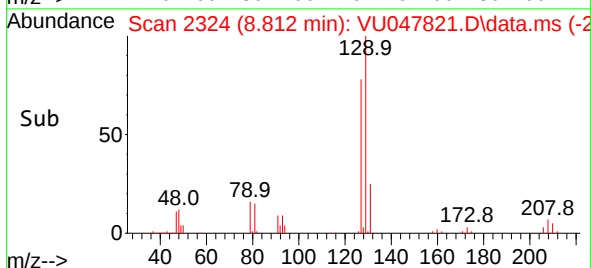
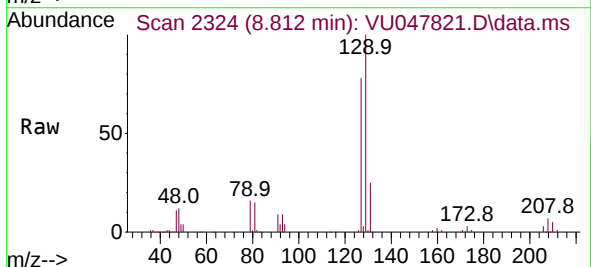


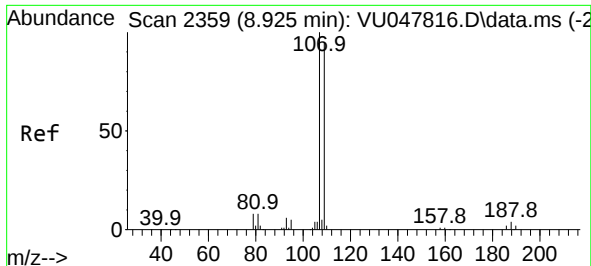
Tgt Ion: 43 Resp: 267752
Ion Ratio Lower Upper
43 100
58 59.7 48.1 72.1
57 20.0 16.2 24.4
100 13.5 11.2 16.8



#49
Dibromochloromethane
Concen: 38.427 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

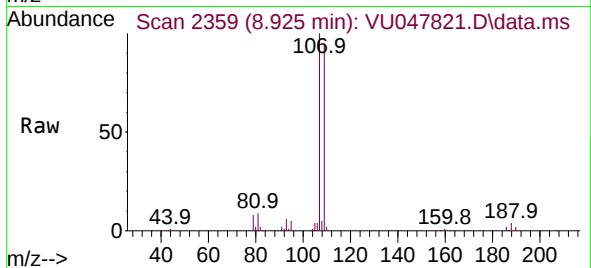
Tgt Ion: 129 Resp: 127148
Ion Ratio Lower Upper
129 100
127 78.1 54.2 100.6



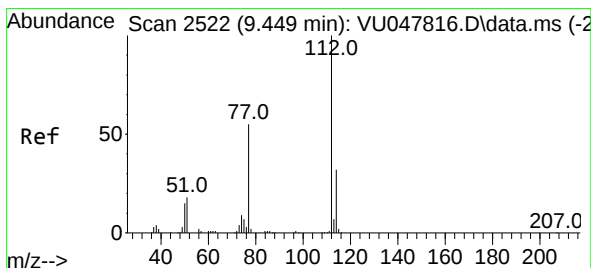
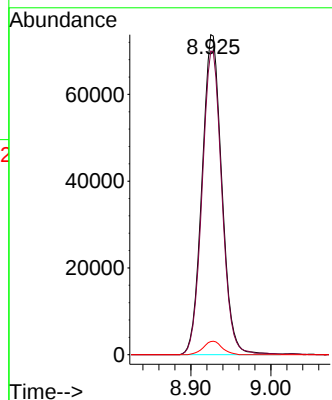
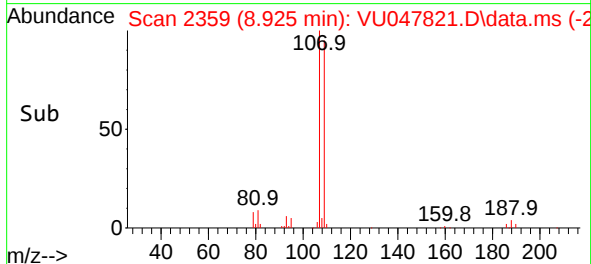


#50
1,2-Dibromoethane
Concen: 39.744 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Instrument :
MSVOA_U
ClientSampleId :

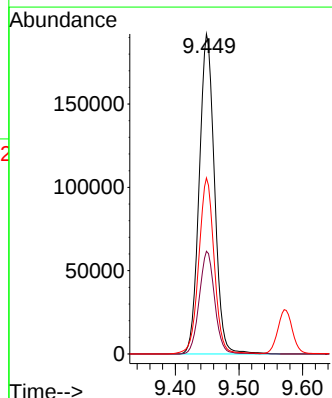
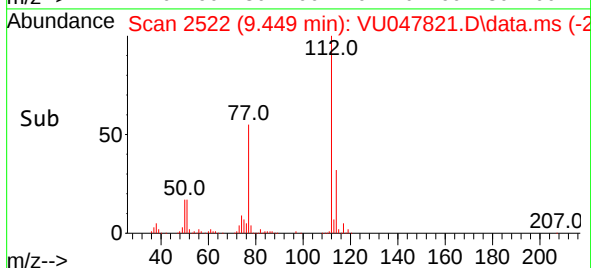
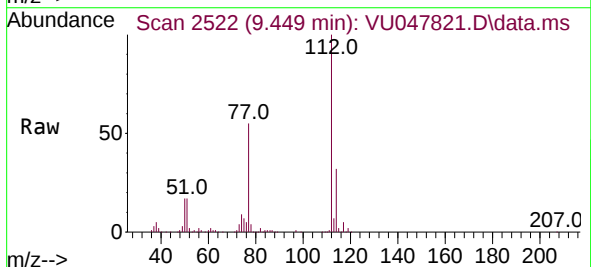


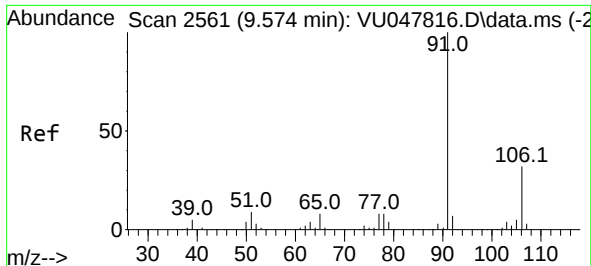
Tgt Ion:107 Resp: 127288
Ion Ratio Lower Upper
107 100
109 94.9 66.6 123.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 40.512 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Tgt Ion:112 Resp: 319805
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.0 43.4 65.0





#52

Ethylbenzene

Concen: 40.921 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

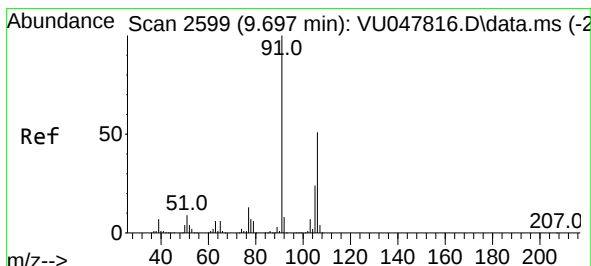
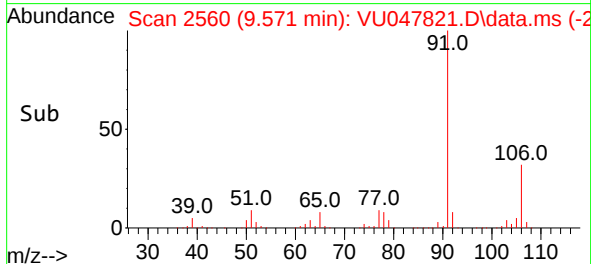
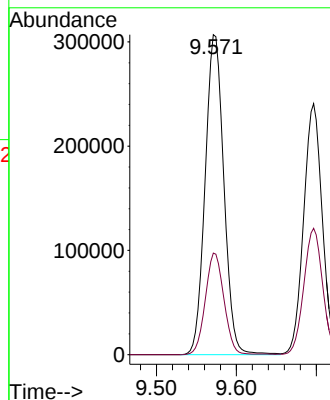
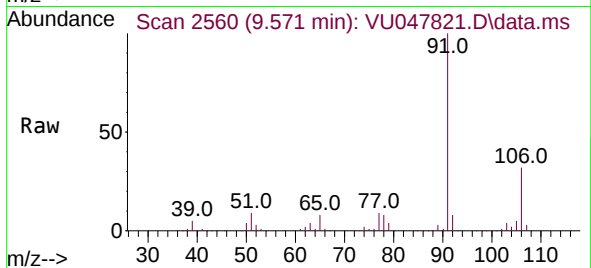
ClientSampleId :

Tgt Ion: 91 Resp: 500249

Ion Ratio Lower Upper

91 100

106 31.7 22.4 41.6



#53

m,p-Xylene

Concen: 41.022 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU047821.D

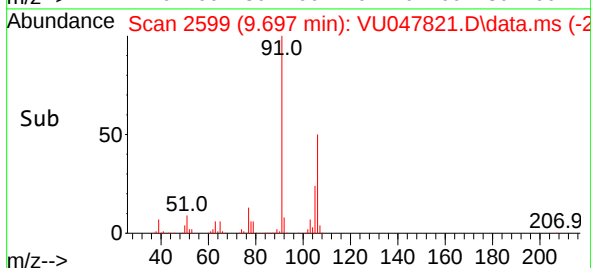
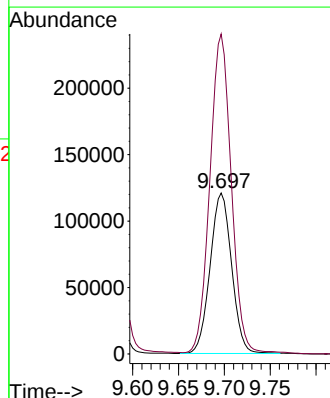
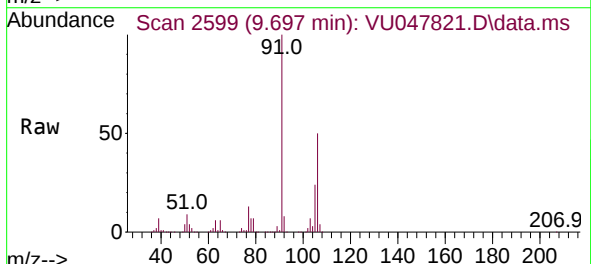
Acq: 05 Apr 2022 15:03

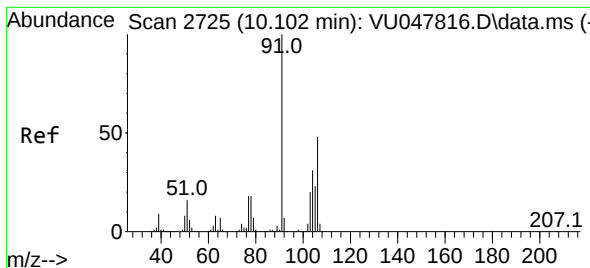
Tgt Ion:106 Resp: 196769

Ion Ratio Lower Upper

106 100

91 198.7 137.7 255.7

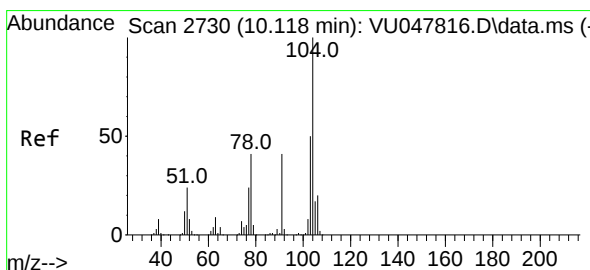
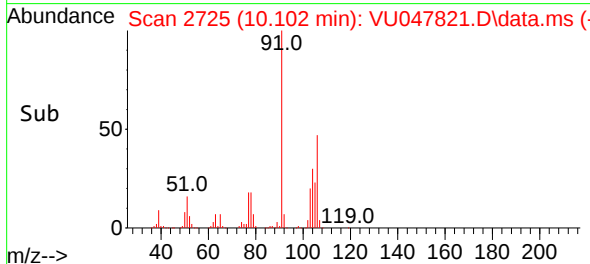
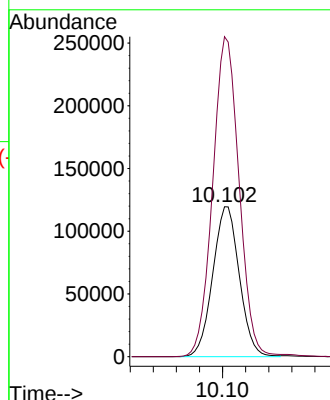
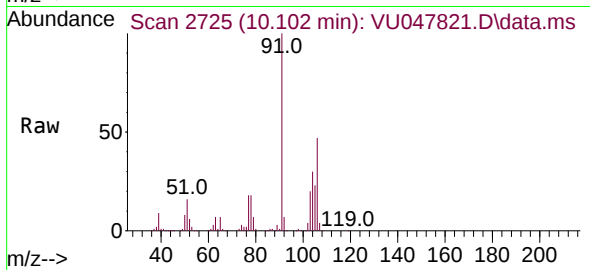




#54
o-Xylene
Concen: 40.552 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

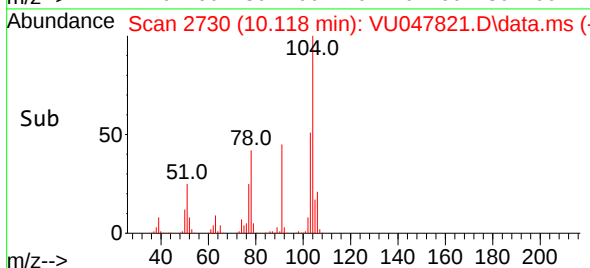
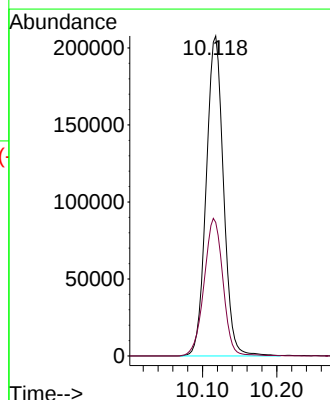
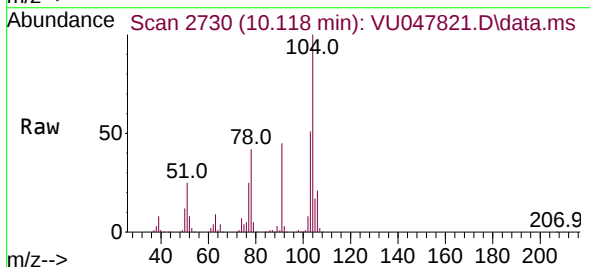
Instrument :
MSVOA_U
ClientSampleId :

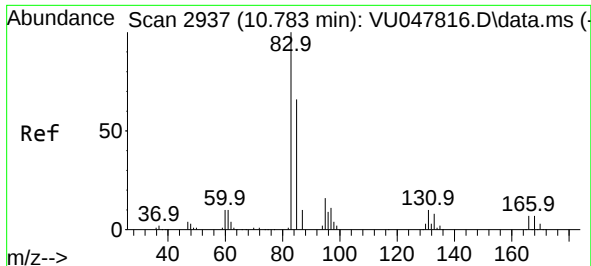
Tgt Ion:106 Resp: 190913
Ion Ratio Lower Upper
106 100
91 213.4 146.7 272.5



#55
Styrene
Concen: 41.741 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

Tgt Ion:104 Resp: 335500
Ion Ratio Lower Upper
104 100
78 41.8 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 39.092 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :

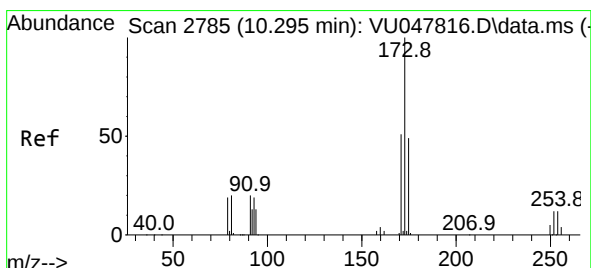
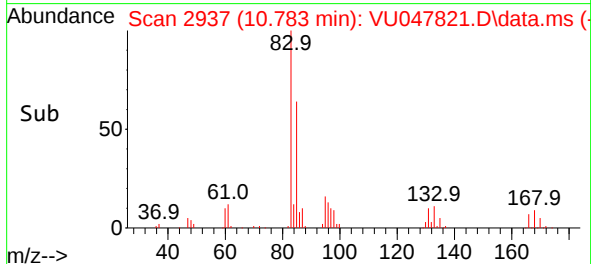
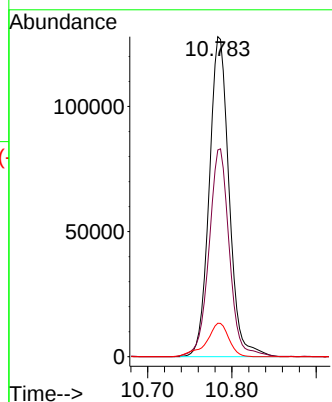
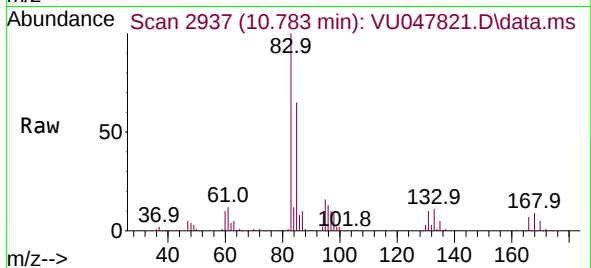
Tgt Ion: 83 Resp: 209366

Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.3

131 10.5 8.6 13.0



#59

Bromoform

Concen: 36.147 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

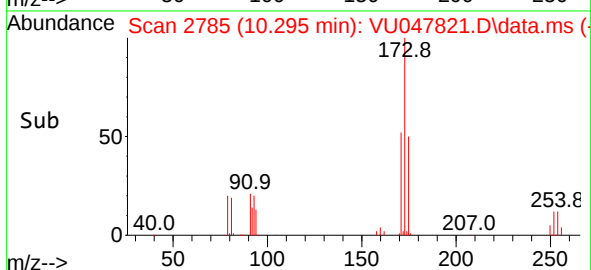
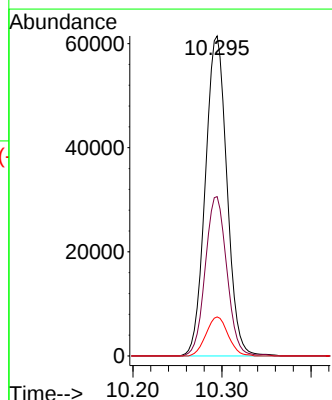
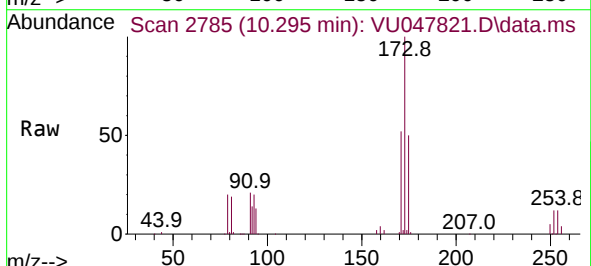
Tgt Ion:173 Resp: 103458

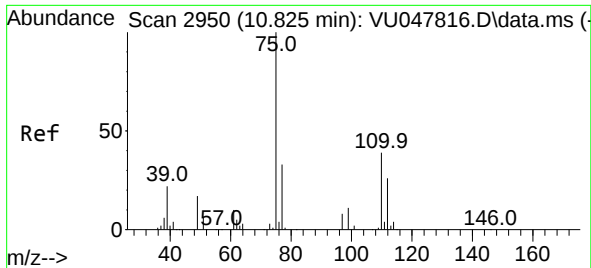
Ion Ratio Lower Upper

173 100

175 49.5 38.7 58.1

254 12.4 9.6 14.4

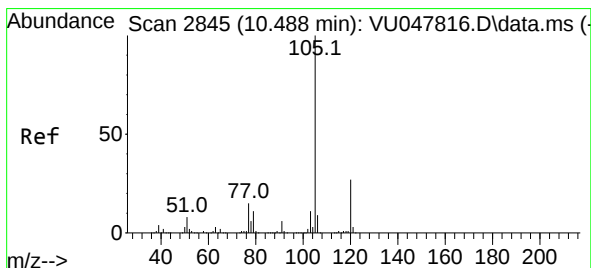
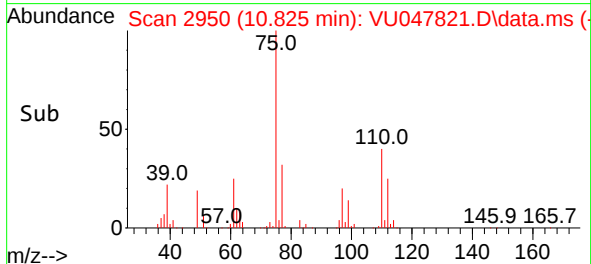
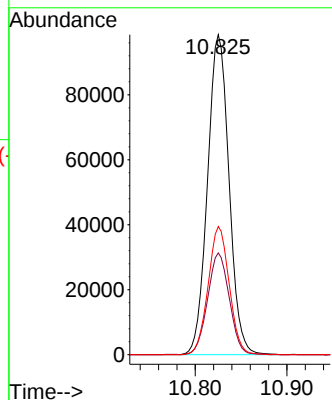
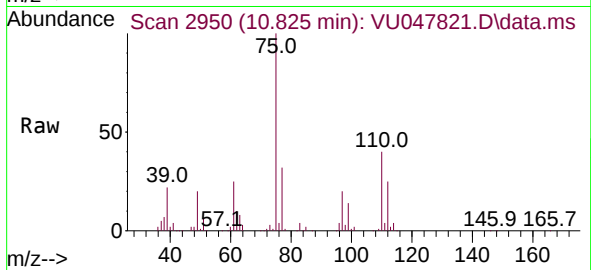




#60
1,2,3-Trichloropropane
Concen: 38.046 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

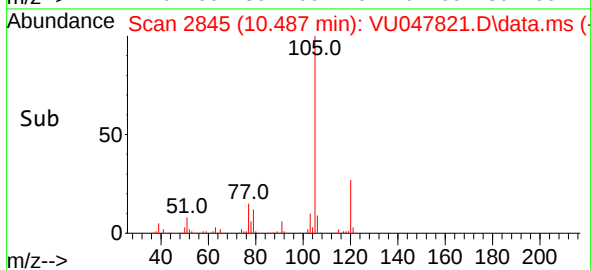
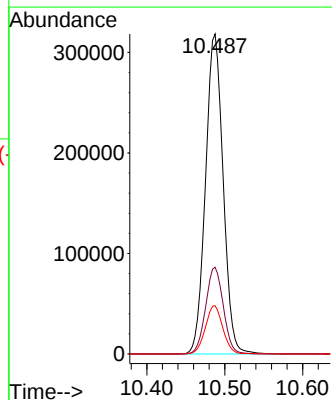
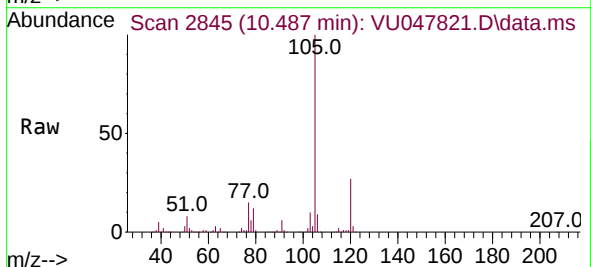
Instrument :
MSVOA_U
ClientSampleId :

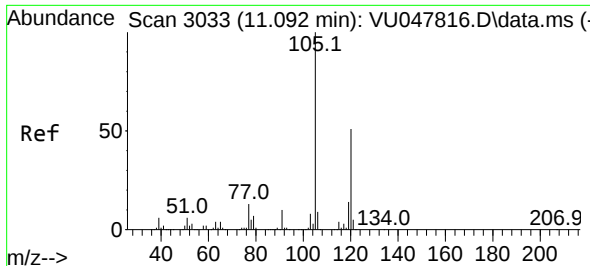
Tgt Ion: 75 Resp: 160539
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 39.2 31.4 47.2



#61
Isopropylbenzene
Concen: 41.361 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

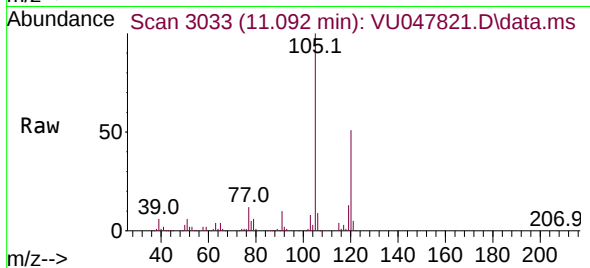
Tgt Ion:105 Resp: 500335
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.0 12.1 18.1



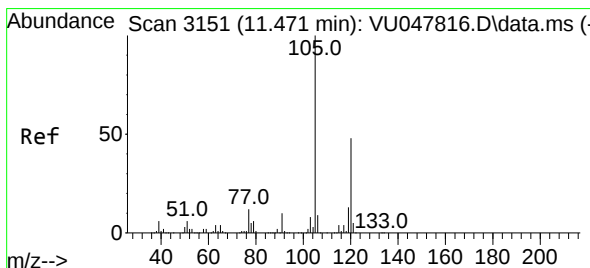
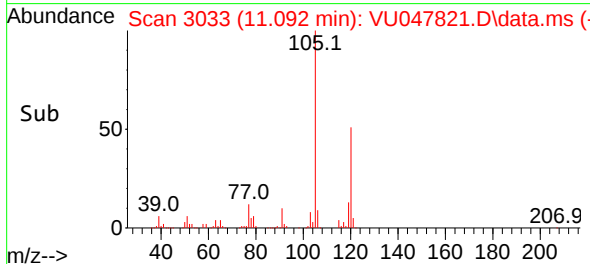
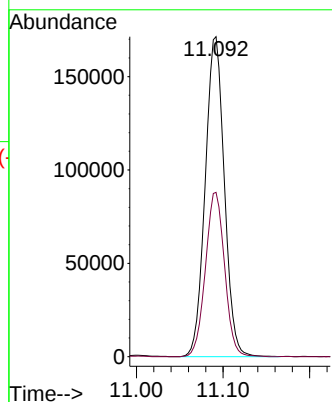


#62
 1,3,5-Trimethylbenzene
 Concen: 40.123 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :

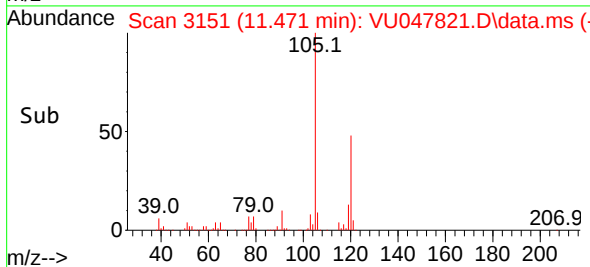
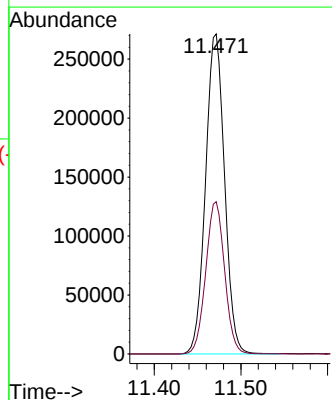
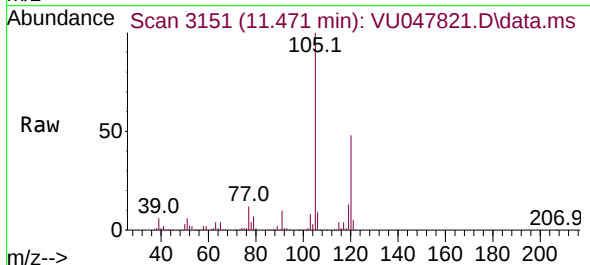


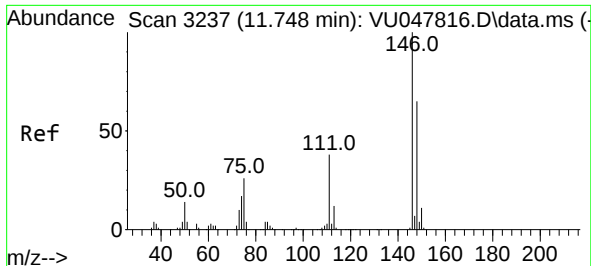
Tgt Ion:105 Resp: 263346
 Ion Ratio Lower Upper
 105 100
 120 51.4 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 41.497 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Tgt Ion:105 Resp: 413715
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.6 56.4

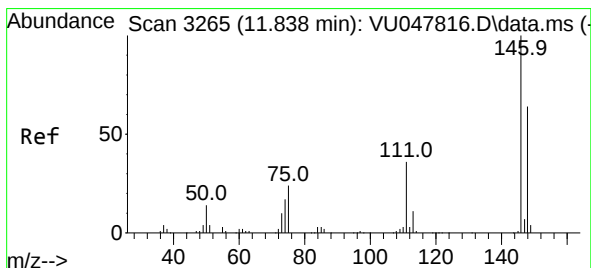
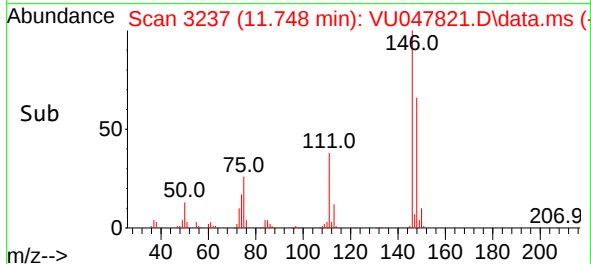
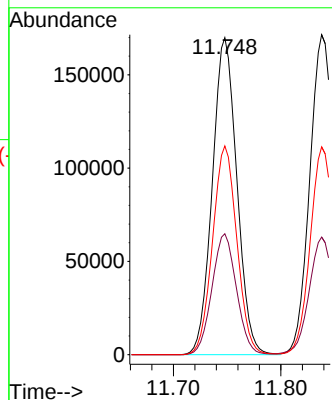
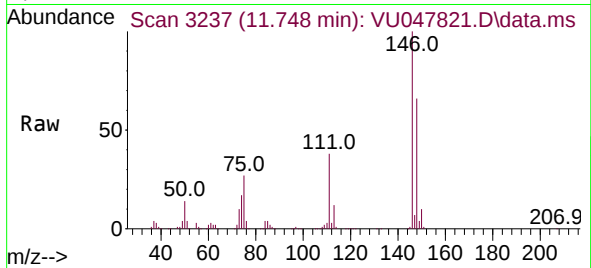




#64
1,3-Dichlorobenzene
Concen: 40.059 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

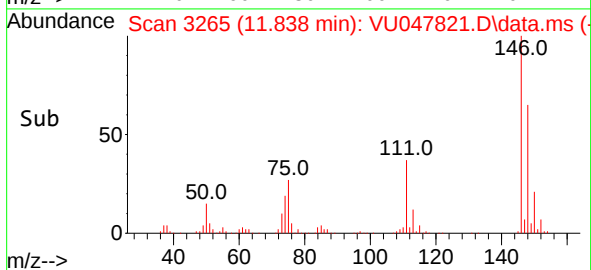
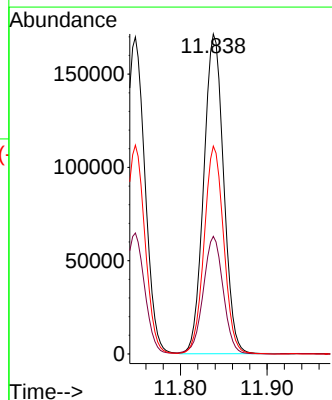
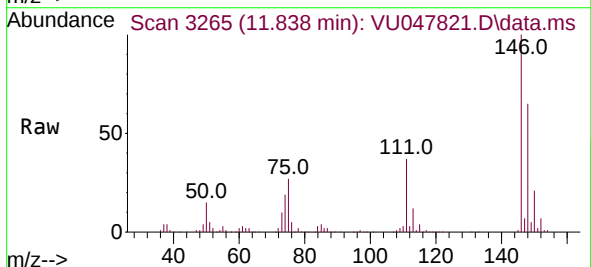
Instrument :
MSVOA_U
ClientSampleId :

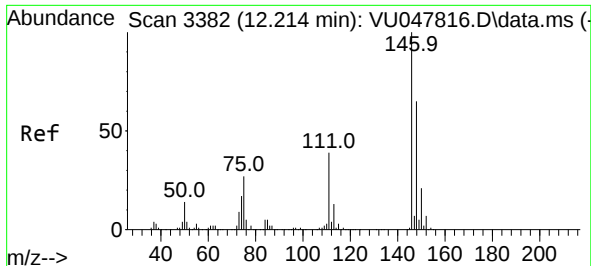
Tgt Ion:146 Resp: 269342
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 65.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 39.315 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

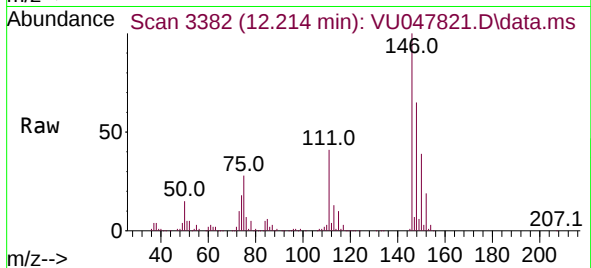
Tgt Ion:146 Resp: 273806
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 64.9 44.5 82.7



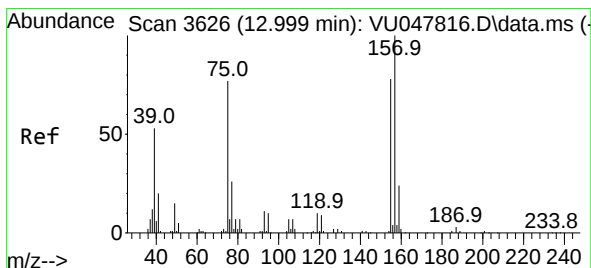
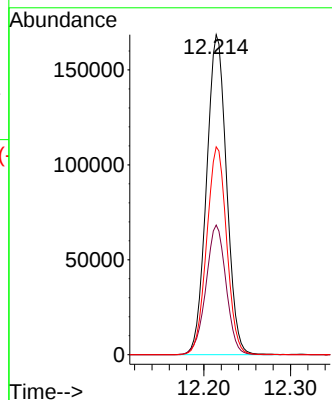
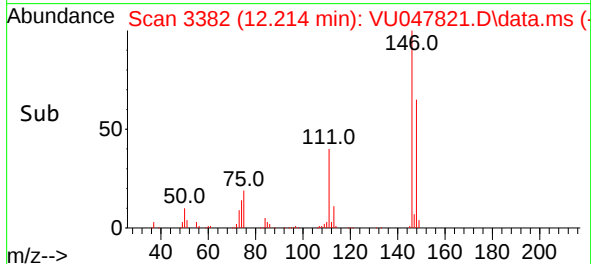


#67
1,2-Dichlorobenzene
Concen: 40.159 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03

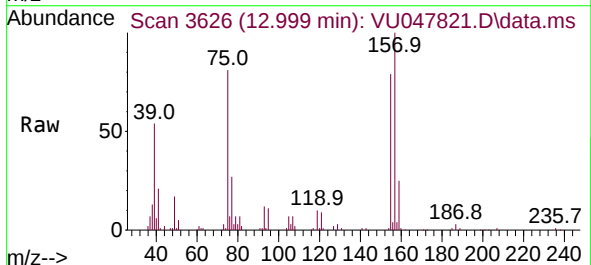
Instrument :
MSVOA_U
ClientSampleId :



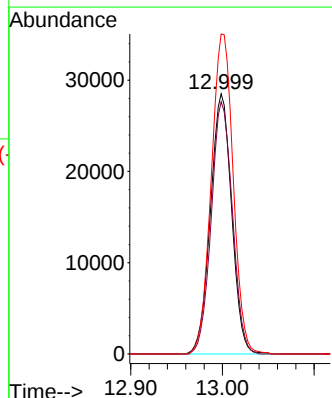
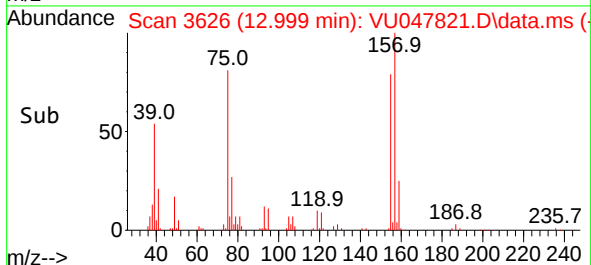
Tgt Ion:146 Resp: 270176
Ion Ratio Lower Upper
146 100
111 40.5 31.7 47.5
148 64.9 51.4 77.2

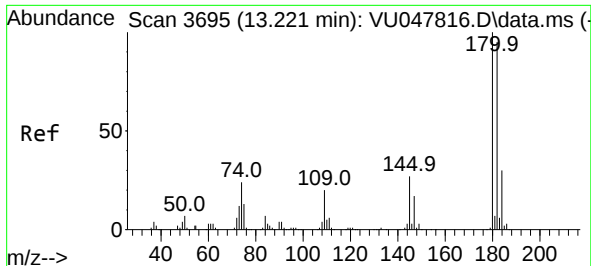


#68
1,2-Dibromo-3-chloropropane
Concen: 33.858 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047821.D
Acq: 05 Apr 2022 15:03



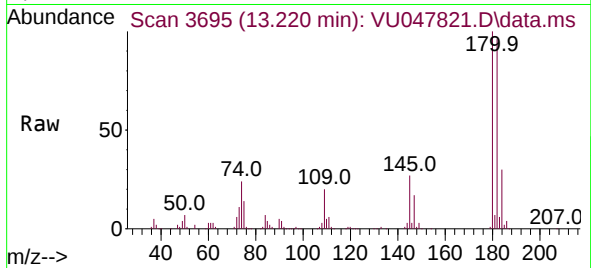
Tgt Ion: 75 Resp: 45763
Ion Ratio Lower Upper
75 100
155 96.9 78.9 118.3
157 123.0 97.5 146.3



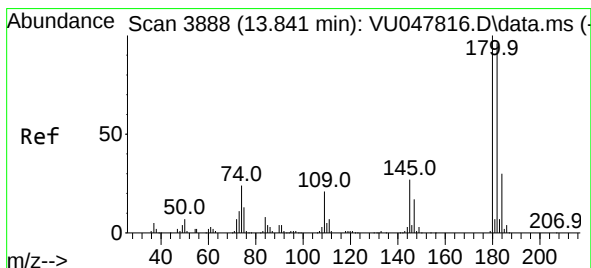
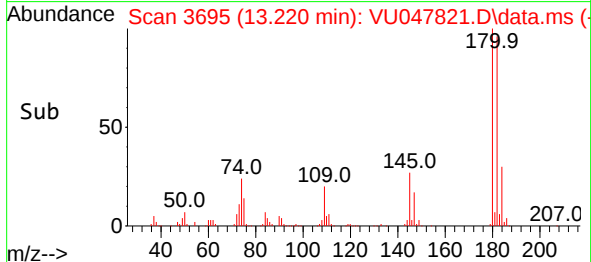
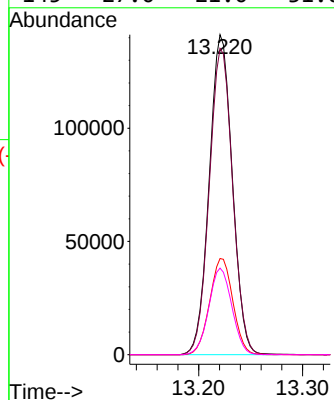


#69
 1,3,5-Trichlorobenzene
 Concen: 39.907 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :

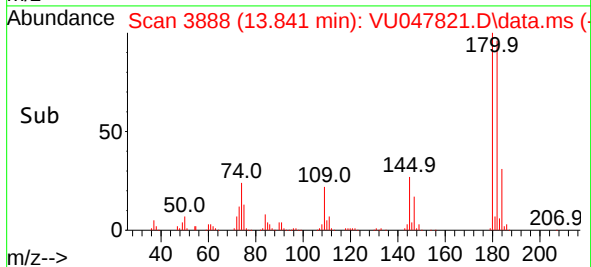
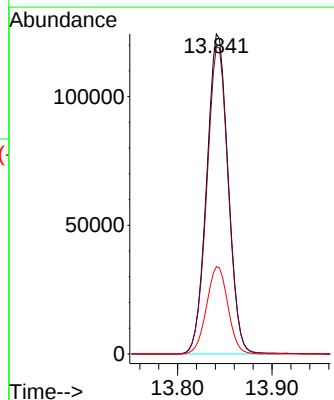
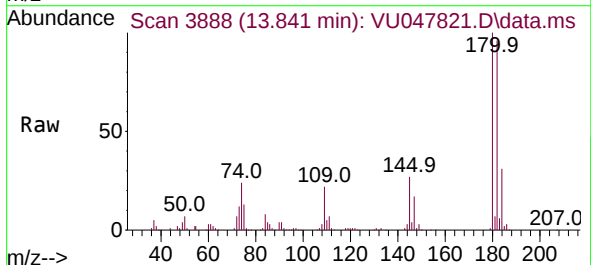


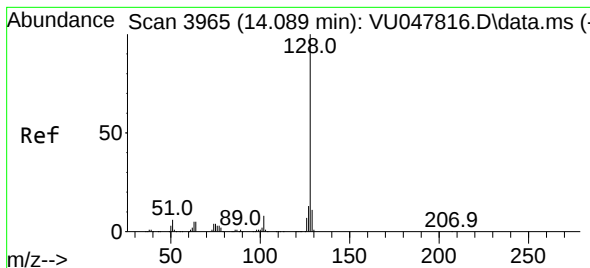
Tgt Ion:180 Resp: 217919
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.0 115.6
 184 30.3 24.5 36.7
 145 27.0 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 40.951 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047821.D
 Acq: 05 Apr 2022 15:03

Tgt Ion:180 Resp: 195868
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.2 114.2
 145 27.1 21.8 32.8





#71

Naphthalene

Concen: 42.399 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU047821.D

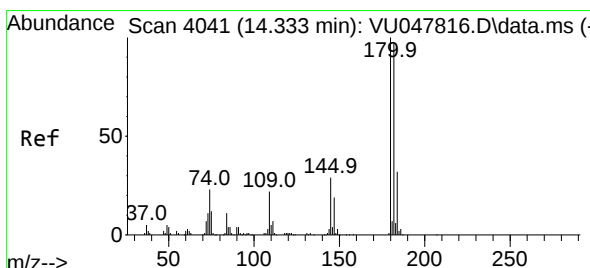
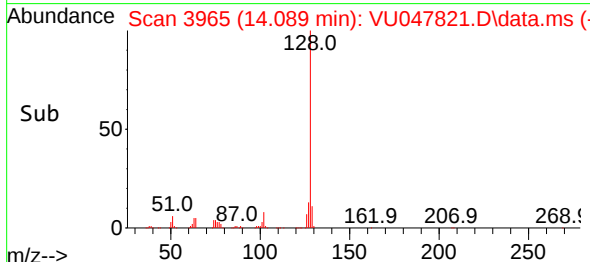
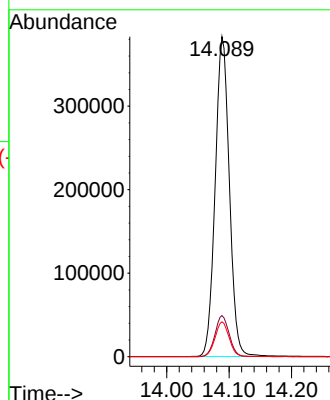
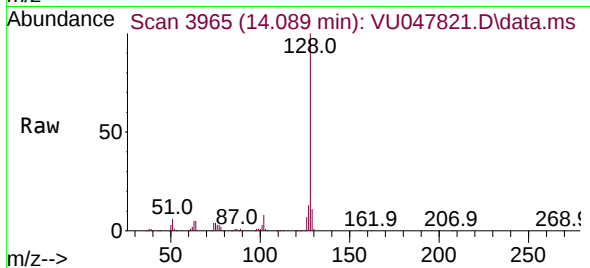
Acq: 05 Apr 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	604600
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 42.308 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VU047821.D

Acq: 05 Apr 2022 15:03

Tgt Ion:	180	Resp:	202861
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.0
145	28.5	22.8	34.2

