

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046761.D
 Acq On : 17 Jan 2022 12:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 02:07:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189866	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	184020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	98199	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71510	43.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.320%
7) Chloroethane-d5	1.919	69	54789	44.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.020%
11) 1,1-Dichloroethene-d2	2.575	63	126395	44.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
21) 2-Butanone-d5	4.642	46	113966	93.984	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	5.067	84	136032	46.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
26) 1,2-Dichloroethane-d4	5.706	65	85912	46.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
32) Benzene-d6	5.729	84	266413	46.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	6.693	67	81179	46.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.660%
41) Toluene-d8	7.899	98	254082	49.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	8.182	79	43469	51.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.980%
47) 2-Hexanone-d5	8.636	63	96373	103.529	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.530%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129806	47.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	98874	48.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115383	65.967	ug/L	100
3) Chloromethane	1.523	50	92660	59.529	ug/L	100
5) Vinyl chloride	1.607	62	96399	59.751	ug/L	99
6) Bromomethane	1.861	94	61489	60.163	ug/L	99
8) Chloroethane	1.938	64	55953	57.300	ug/L	96
9) Trichlorofluoromethane	2.144	101	130068	54.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	72022	53.928	ug/L	98
12) 1,1-Dichloroethene	2.584	96	68580	54.535	ug/L	93
13) Acetone	2.658	43	79085	68.530	ug/L	100
14) Carbon disulfide	2.800	76	209085	55.933	ug/L	99
15) Methyl Acetate	2.957	43	81814	55.505	ug/L	98
16) Methylene chloride	3.051	84	78341	50.572	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	71579	54.443	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	225664	57.770	ug/L	99
19) 1,1-Dichloroethane	3.874	63	125548	52.358	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	78762	55.896	ug/L	95
22) 2-Butanone	4.723	43	122680	93.249	ug/L	99
23) Bromochloromethane	4.976	128	42076	55.862	ug/L	94
25) Chloroform	5.092	83	136801	52.232	ug/L	99

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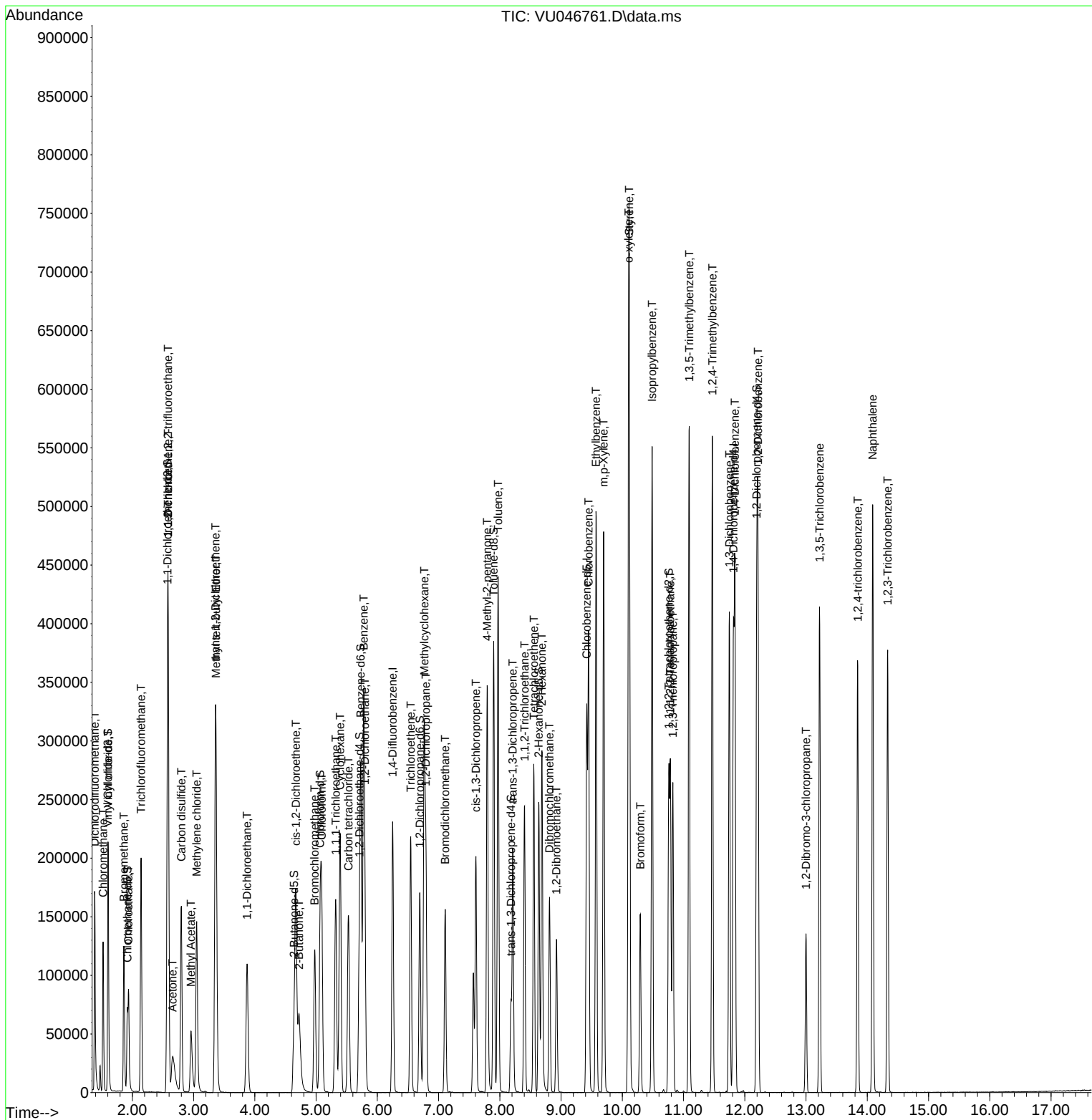
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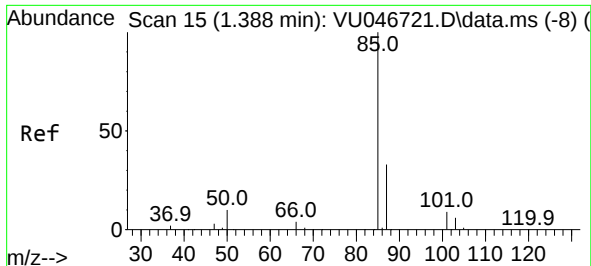
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	104947	52.154	ug/L	98
29) Cyclohexane	5.394	56	111490	56.995	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	123634	54.922	ug/L	99
31) Carbon tetrachloride	5.530	117	108525	55.656	ug/L	99
33) Benzene	5.777	78	297152	54.288	ug/L	100
34) Trichloroethene	6.546	95	75857	52.837	ug/L	98
35) Methylcyclohexane	6.767	83	129355	58.020	ug/L	98
37) 1,2-Dichloropropane	6.793	63	75013	53.558	ug/L	99
38) Bromodichloromethane	7.108	83	103778	53.878	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	120748	56.026	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	214846	112.206	ug/L	99
42) Toluene	7.973	91	327338	56.704	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	121127	57.930	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	77172	53.926	ug/L	98
46) Tetrachloroethene	8.555	164	62516	57.392	ug/L	96
48) 2-Hexanone	8.687	43	173885	107.143	ug/L	98
49) Dibromochloromethane	8.812	129	87538	55.695	ug/L	99
50) 1,2-Dibromoethane	8.925	107	86935	58.279	ug/L	100
51) Chlorobenzene	9.449	112	207987	55.430	ug/L	99
52) Ethylbenzene	9.571	91	353735	57.760	ug/L	100
53) m,p-Xylene	9.697	106	140984	59.606	ug/L	97
54) o-xylene	10.102	106	134856	59.625	ug/L	99
55) Styrene	10.115	104	235968	59.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	134868	53.885	ug/L	99
59) Bromoform	10.295	173	68034	57.013	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	111706	54.058	ug/L	99
61) Isopropylbenzene	10.488	105	358288	59.730	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	311211	61.718	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	311916	62.083	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	170733	56.786	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	170700	54.488	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	167203	55.331	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	33865	54.746	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	128200	55.672	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	112111	56.953	ug/L	100
71) Naphthalene	14.089	128	393930	61.531	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	114125	57.375	ug/L	99

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

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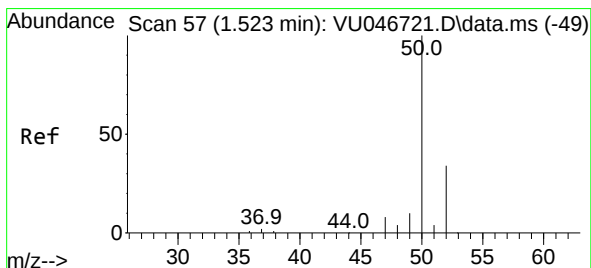
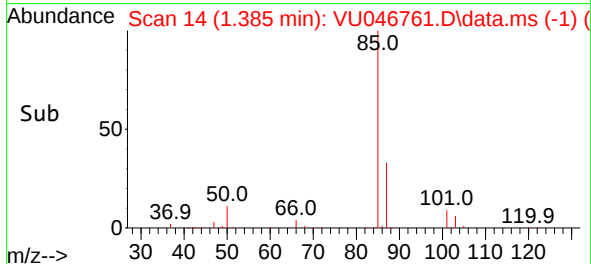
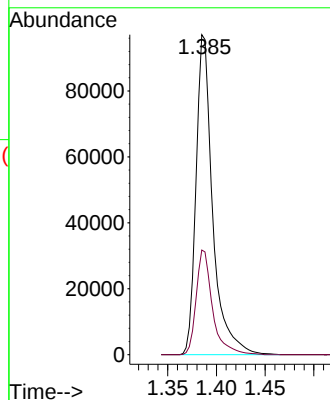
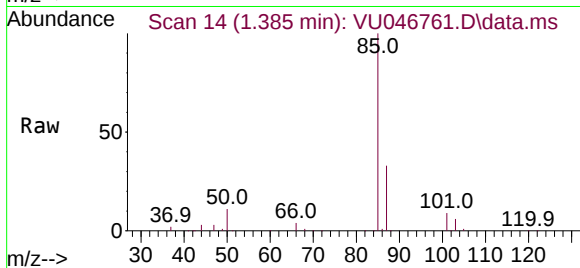




#2
Dichlorodifluoromethane
Concen: 65.967 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

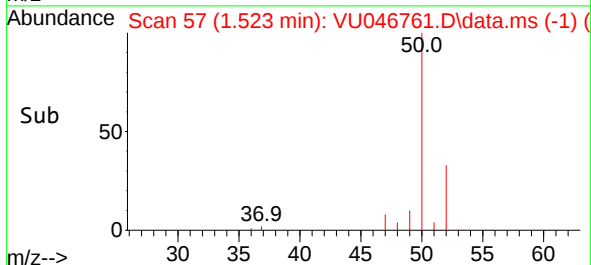
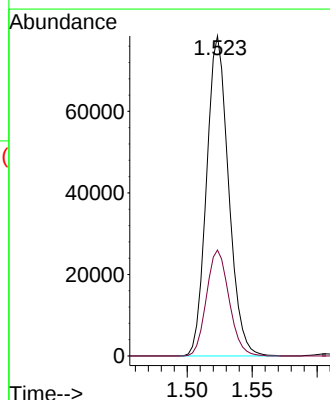
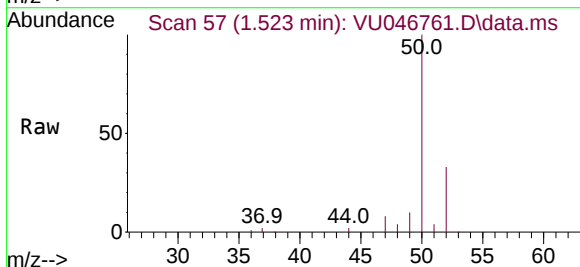
Instrument :
MSVOA_U
ClientSampleId :

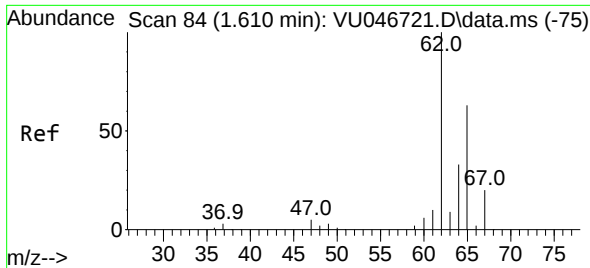
Tgt Ion: 85 Resp: 115383
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 59.529 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

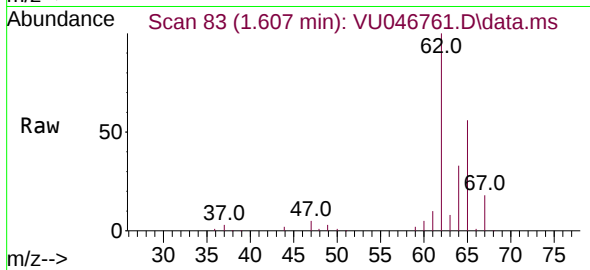
Tgt Ion: 50 Resp: 92660
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2



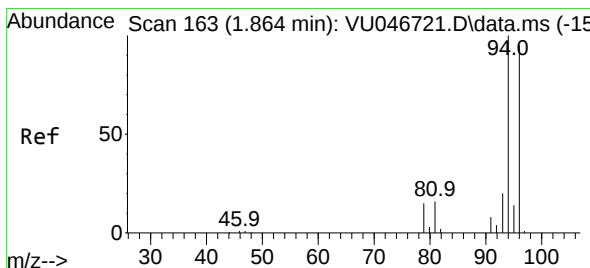
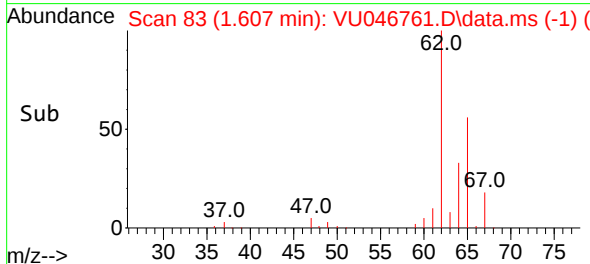
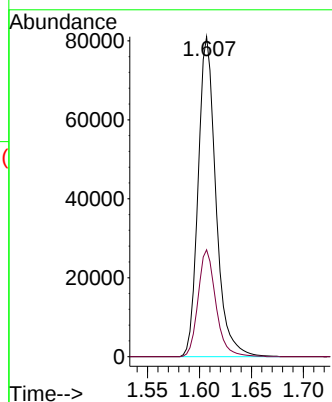


#5
 Vinyl chloride
 Concen: 59.751 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Instrument :
 MSVOA_U
 ClientSampleId :

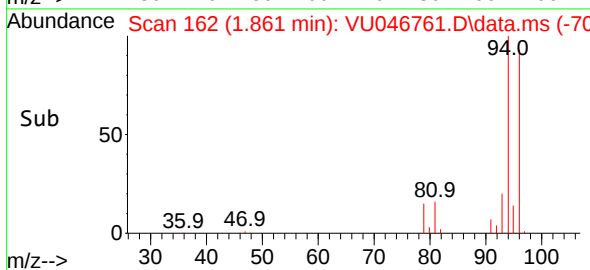
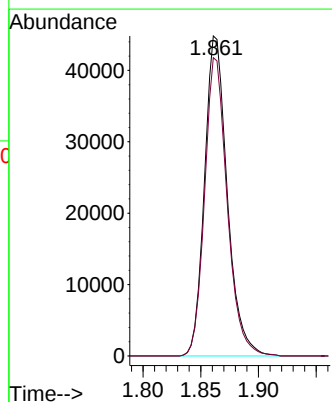
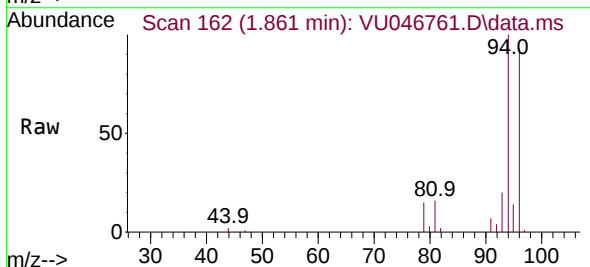


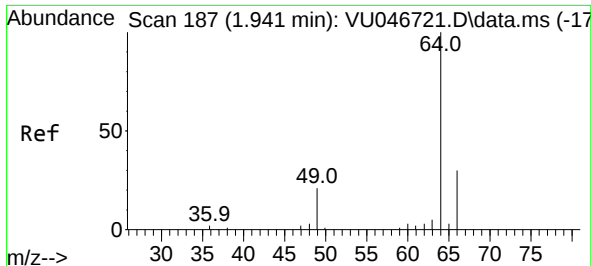
Tgt Ion: 62 Resp: 96399
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 60.163 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Tgt Ion: 94 Resp: 61489
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.4 119.6

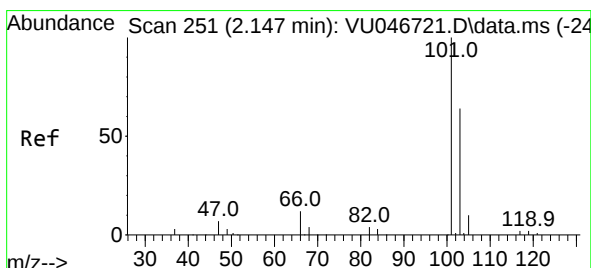
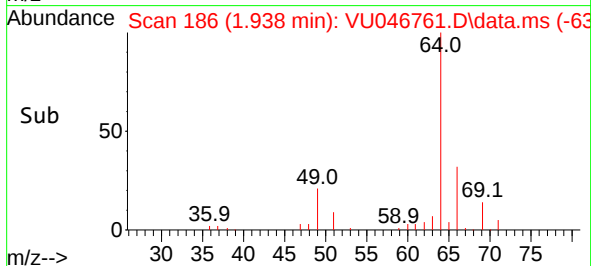
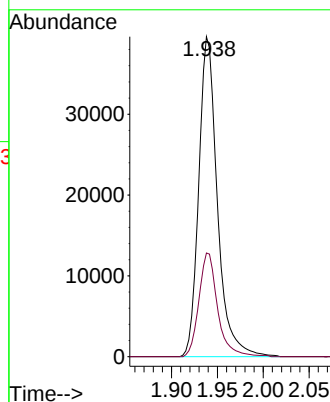
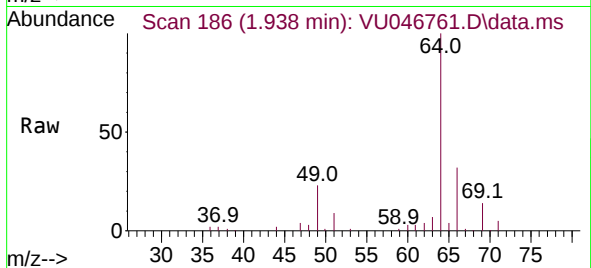




#8
Chloroethane
Concen: 57.300 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

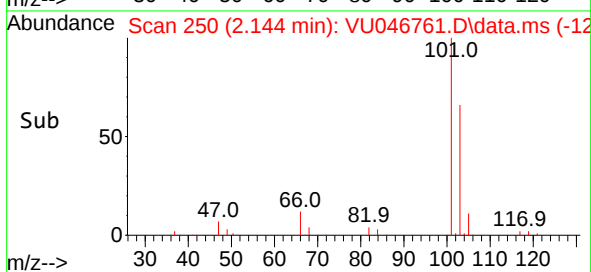
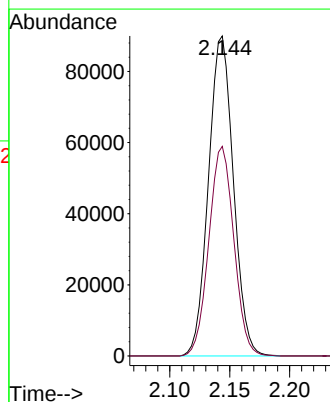
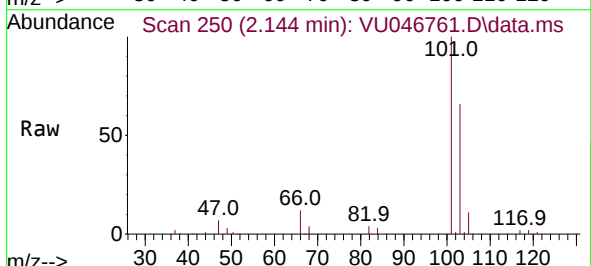
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ClientSampleId :

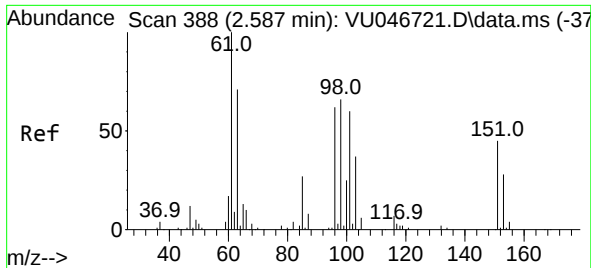
Tgt Ion: 64 Resp: 55953
Ion Ratio Lower Upper
64 100
66 32.4 24.4 45.2



#9
Trichlorofluoromethane
Concen: 54.773 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:101 Resp: 130068
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

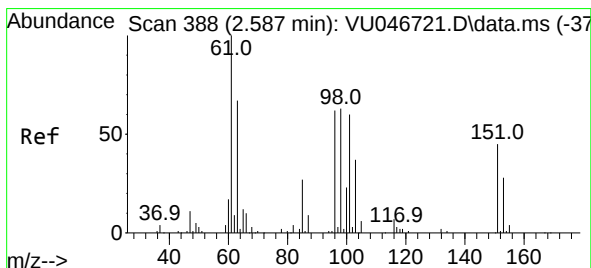
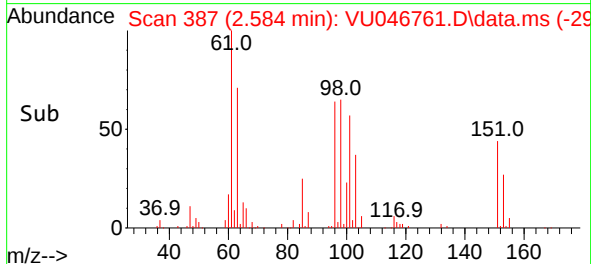
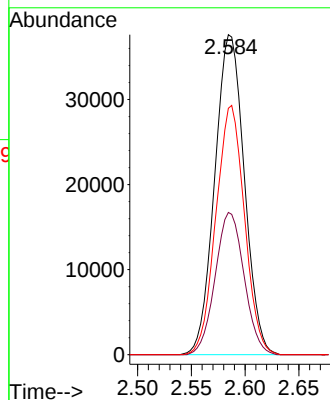
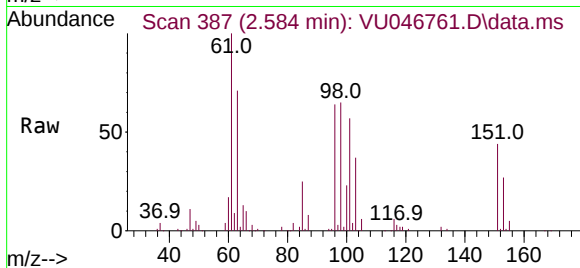




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.928 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

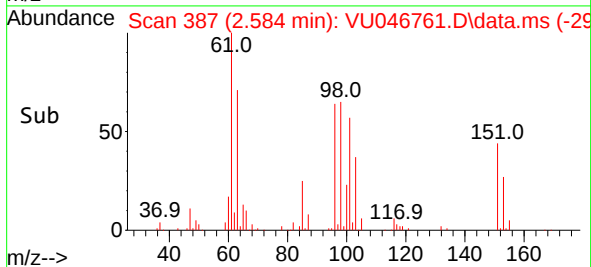
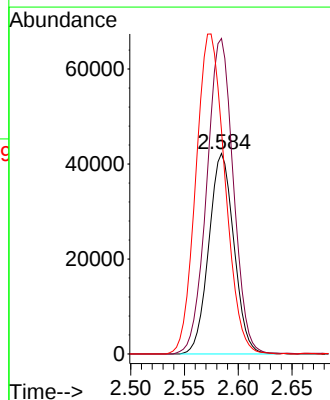
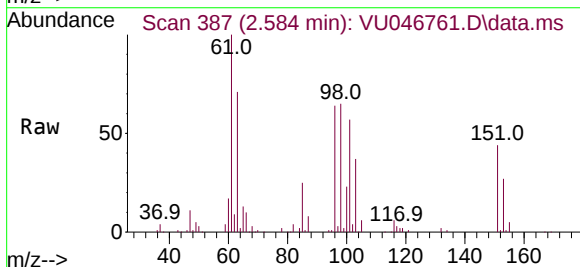
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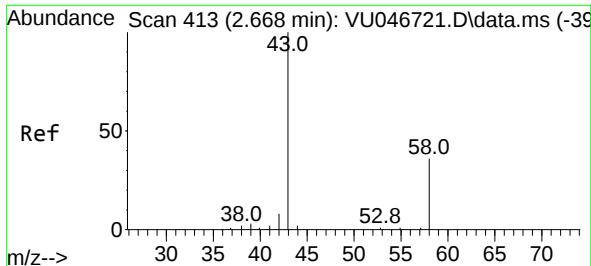
Tgt Ion:101 Resp: 72022
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.9 52.3
 151 75.2 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 54.535 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Tgt Ion: 96 Resp: 68580
 Ion Ratio Lower Upper
 96 100
 61 157.4 114.9 213.3
 63 111.6 86.0 159.8





#13

Acetone

Concen: 68.530 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

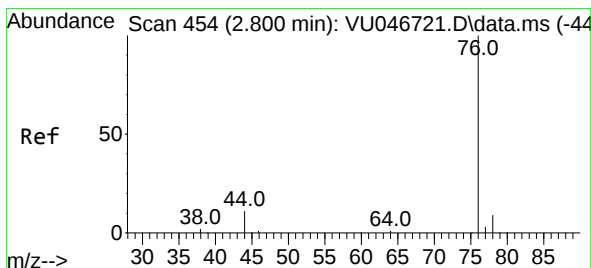
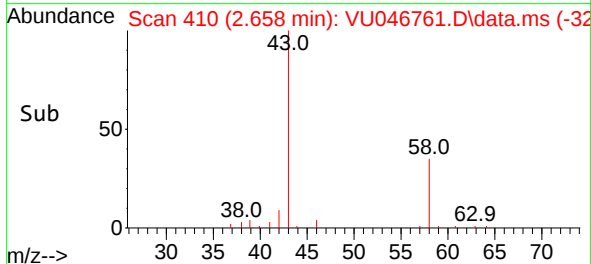
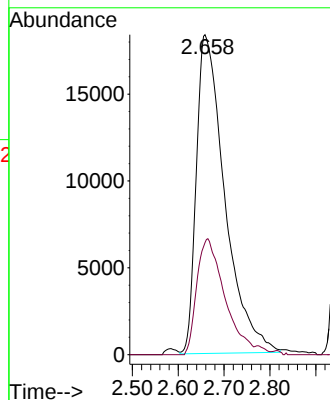
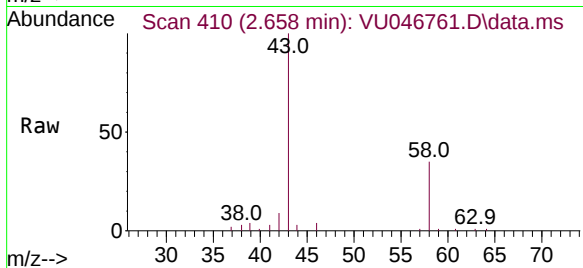
ClientSampleId :

Tgt Ion: 43 Resp: 79085

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.0



#14

Carbon disulfide

Concen: 55.933 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046761.D

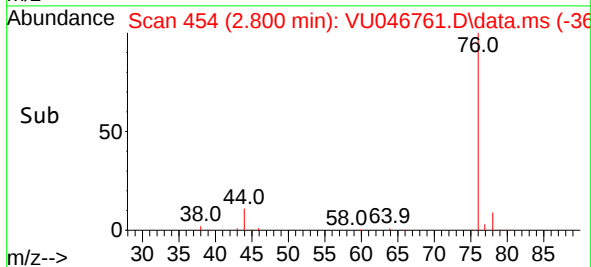
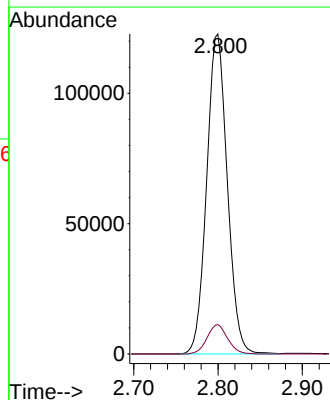
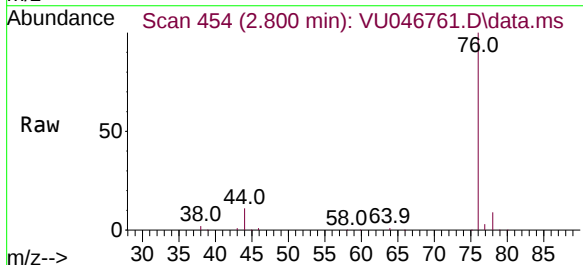
Acq: 17 Jan 2022 12:01

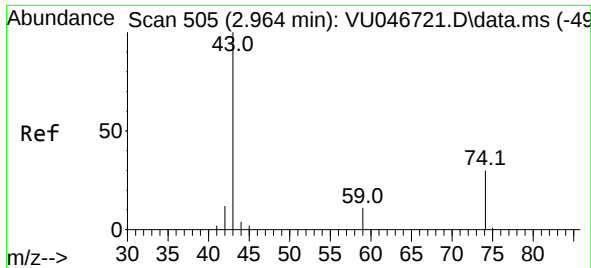
Tgt Ion: 76 Resp: 209085

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

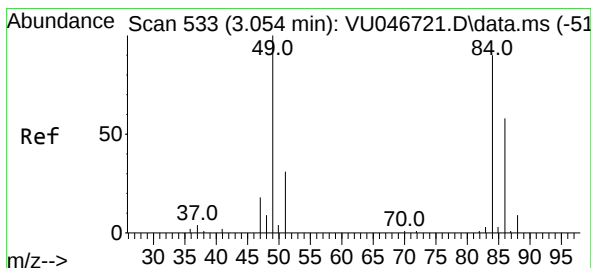
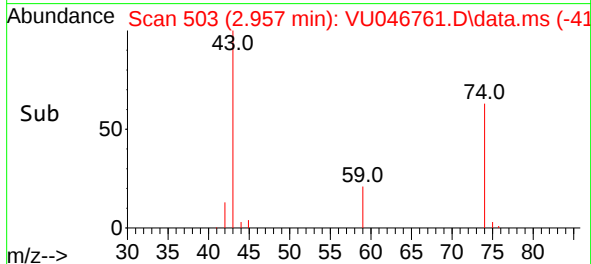
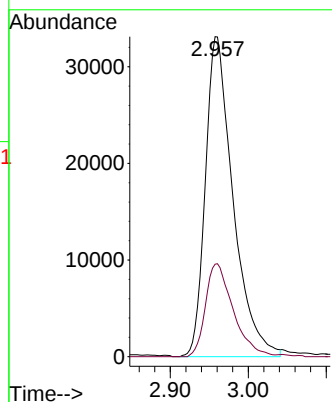
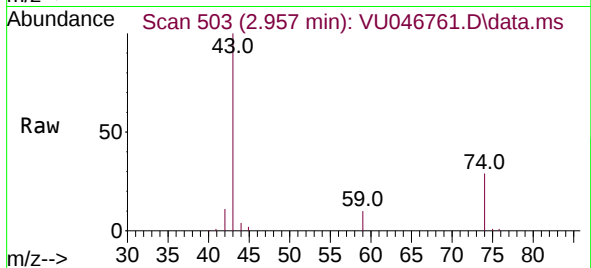




#15
Methyl Acetate
Concen: 55.505 ug/L
RT: 2.957 min Scan# 50
Delta R.T. -0.006 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

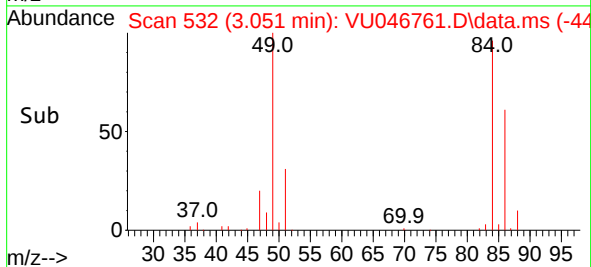
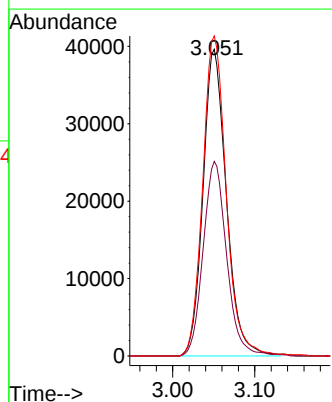
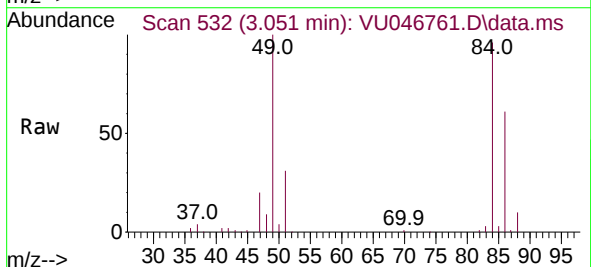
Instrument :
MSVOA_U
ClientSampleId :

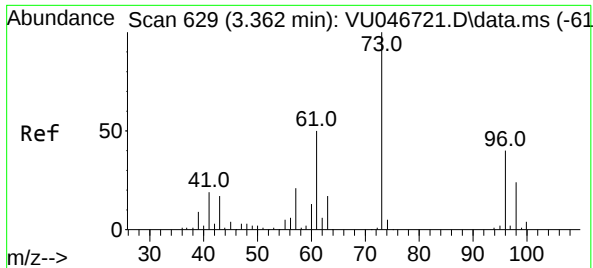
Tgt Ion: 43 Resp: 81814
Ion Ratio Lower Upper
43 100
74 29.0 22.3 33.5



#16
Methylene chloride
Concen: 50.572 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion: 84 Resp: 78341
Ion Ratio Lower Upper
84 100
86 63.4 44.7 82.9
49 104.3 75.9 141.1

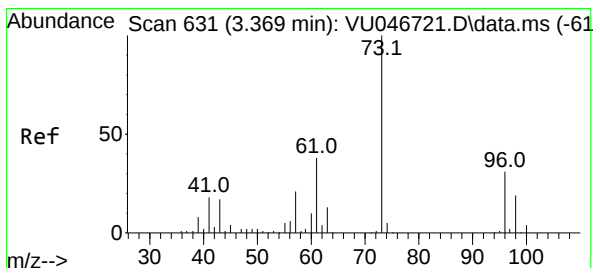
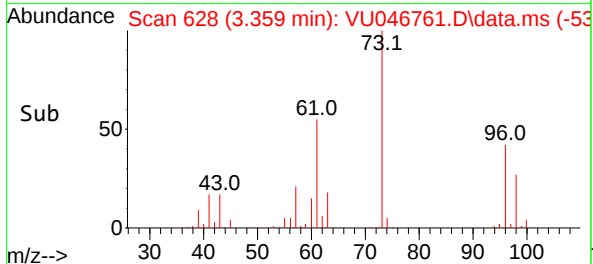
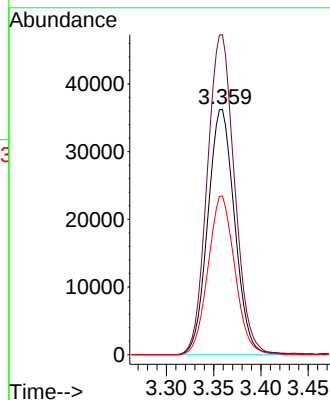
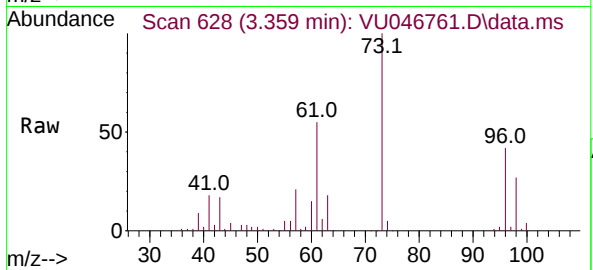




#17
trans-1,2-Dichloroethene
Concen: 54.443 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

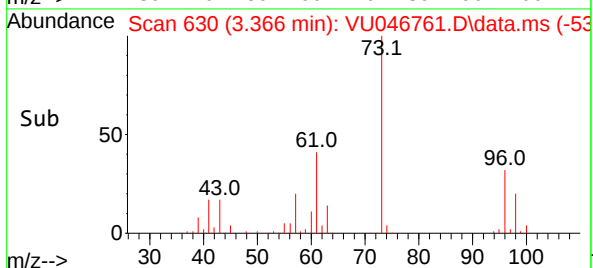
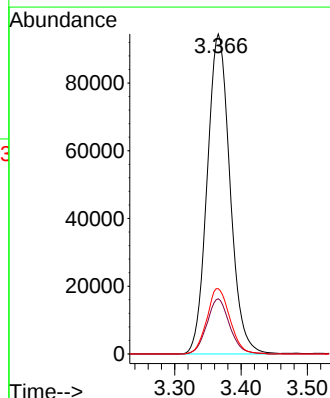
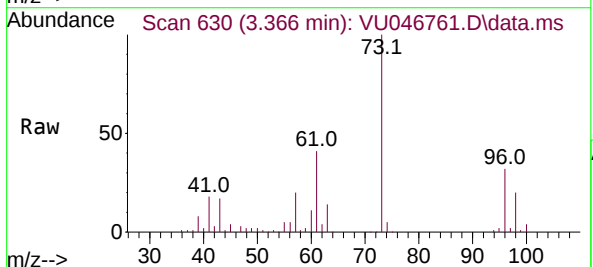
Instrument :
MSVOA_U
ClientSampleId :

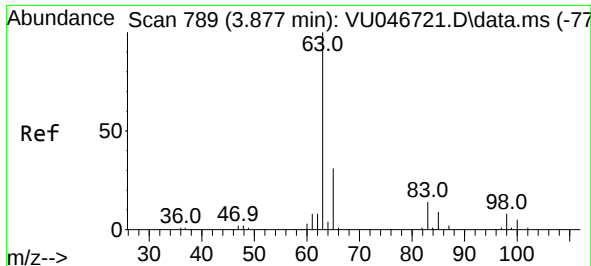
Tgt Ion: 96 Resp: 71579
Ion Ratio Lower Upper
96 100
61 130.4 92.5 171.9
98 64.7 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 57.770 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion: 73 Resp: 225664
Ion Ratio Lower Upper
73 100
43 17.2 14.1 21.1
57 20.7 16.4 24.6





#19

1,1-Dichloroethane

Concen: 52.358 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

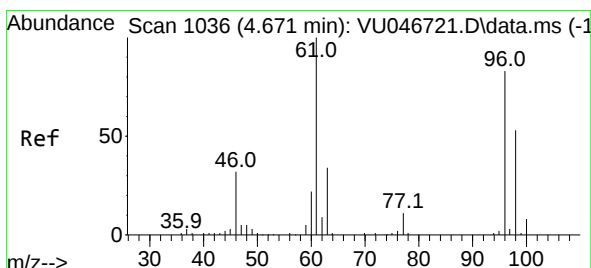
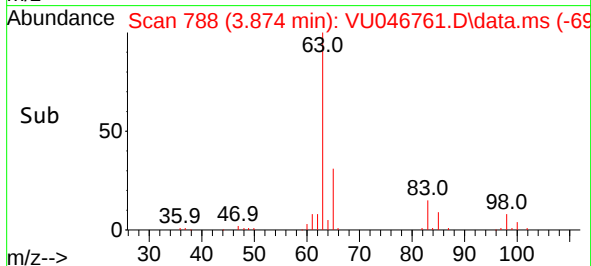
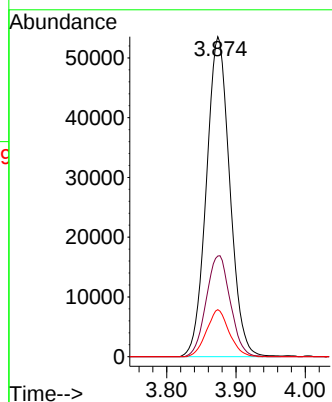
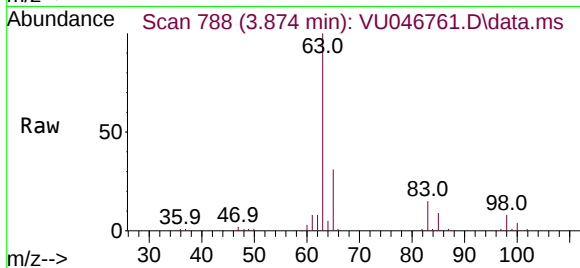
Tgt Ion: 63 Resp: 125548

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 14.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 55.896 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

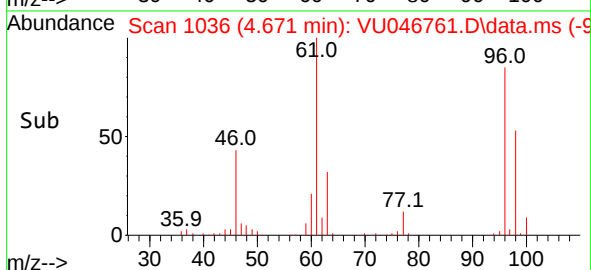
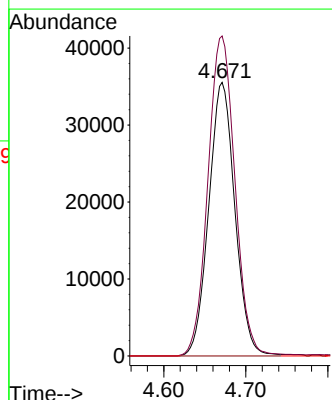
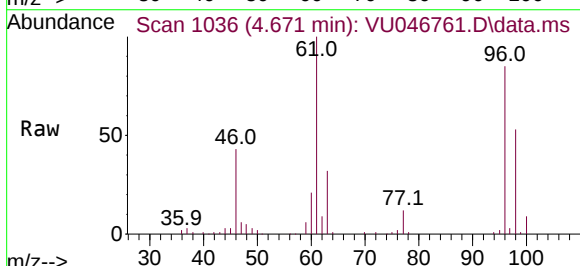
Tgt Ion: 96 Resp: 78762

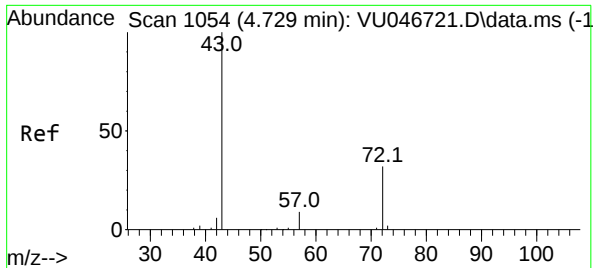
Ion Ratio Lower Upper

96 100

61 117.0 86.0 159.6

68 0.0 0.0 0.0

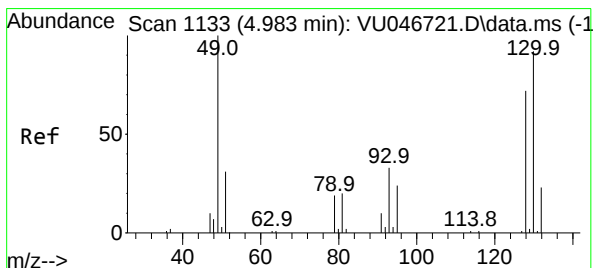
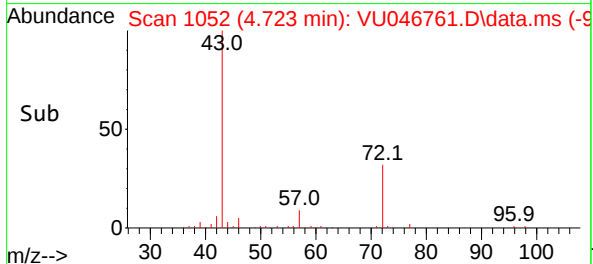
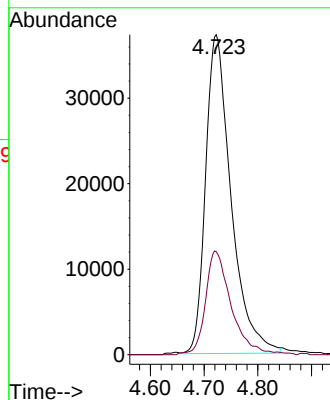
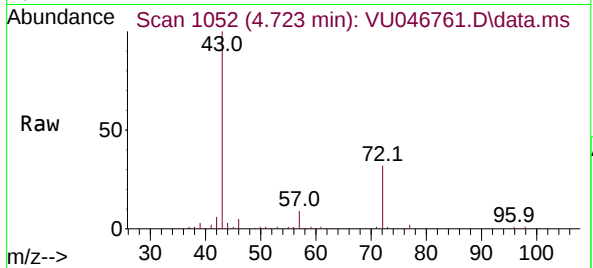




#22
2-Butanone
Concen: 93.249 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

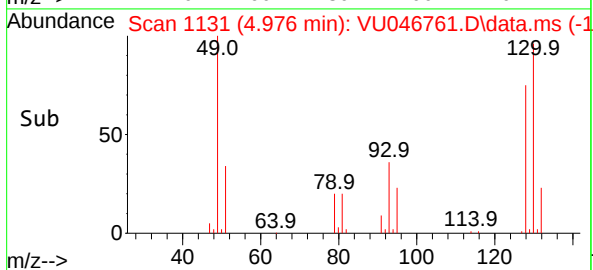
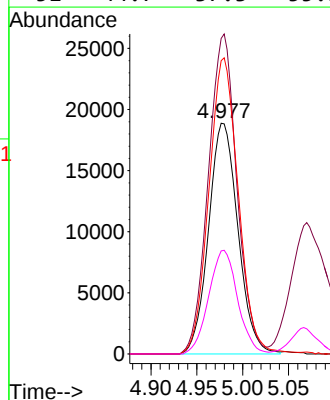
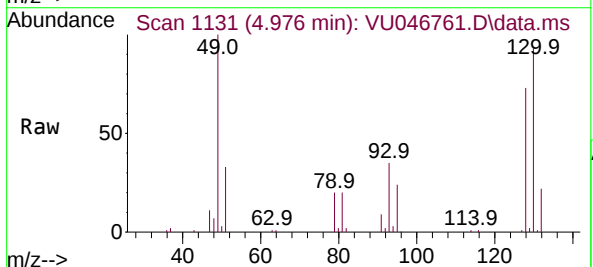
Instrument :
MSVOA_U
ClientSampleId :

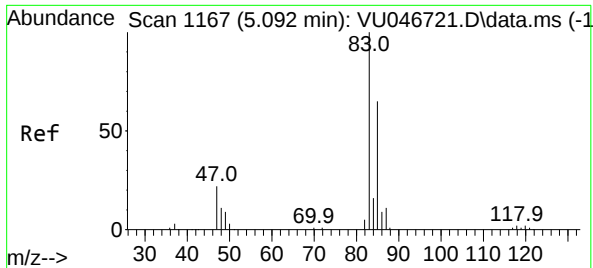
Tgt Ion: 43 Resp: 122680
Ion Ratio Lower Upper
43 100
72 31.6 15.6 46.8



#23
Bromochloromethane
Concen: 55.862 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:128 Resp: 42076
Ion Ratio Lower Upper
128 100
49 136.8 105.4 195.8
130 127.1 88.7 164.7
51 44.7 37.3 55.9

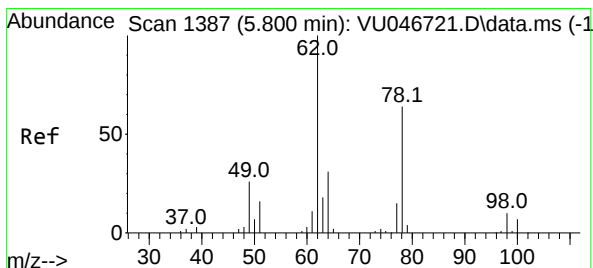
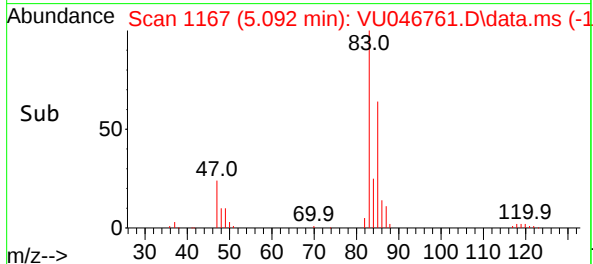
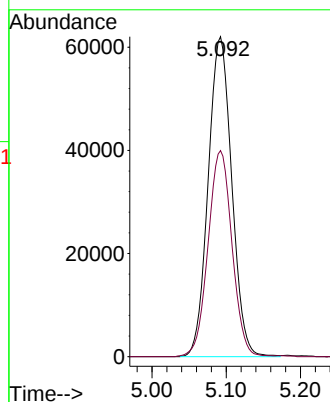
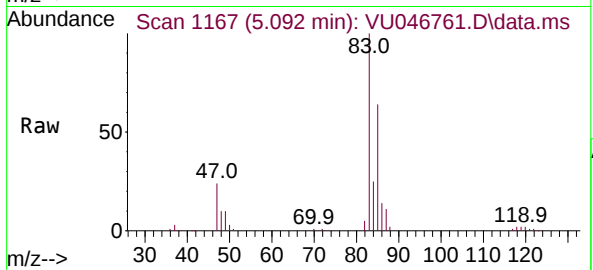




#25
Chloroform
Concen: 52.232 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

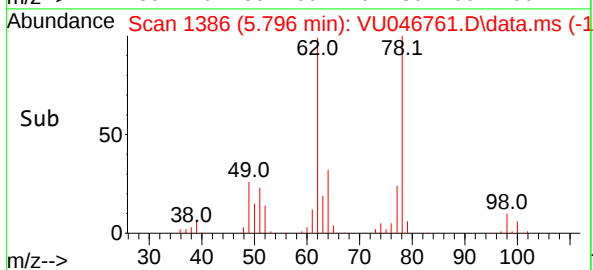
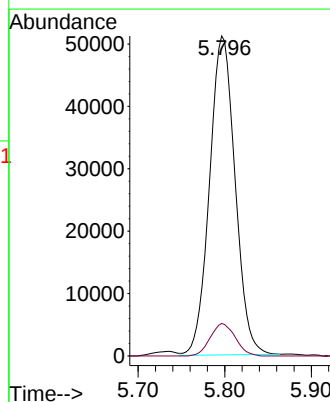
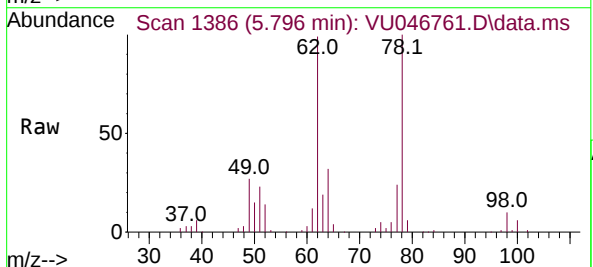
Instrument :
MSVOA_U
ClientSampleId :

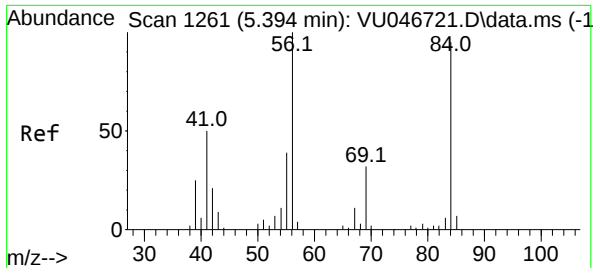
Tgt Ion: 83 Resp: 136801
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 52.154 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

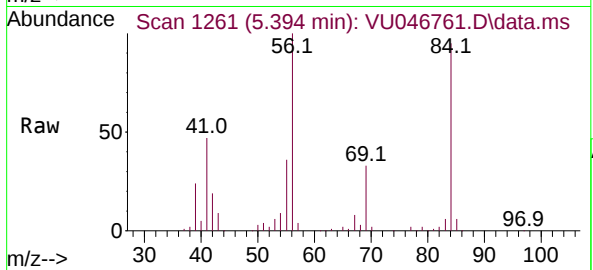
Tgt Ion: 62 Resp: 104947
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5



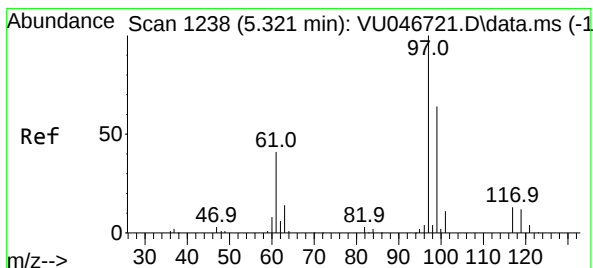
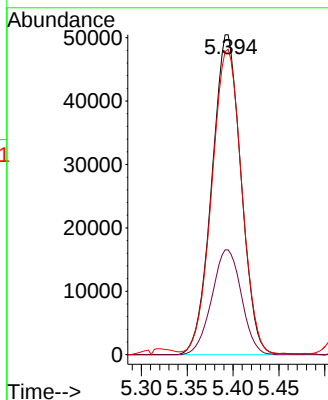
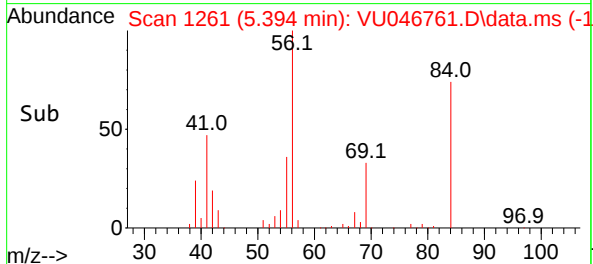


#29
Cyclohexane
Concen: 56.995 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Instrument :
MSVOA_U
ClientSampleId :

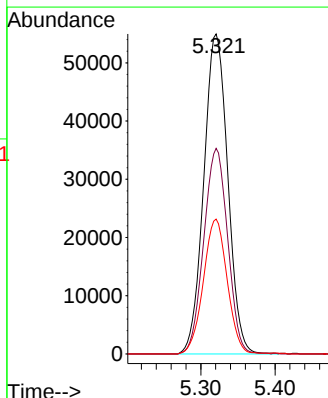
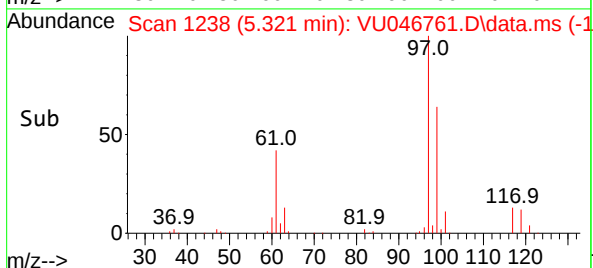
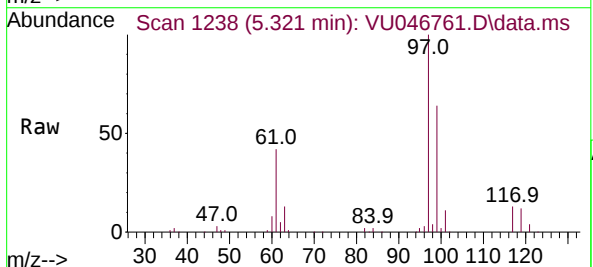


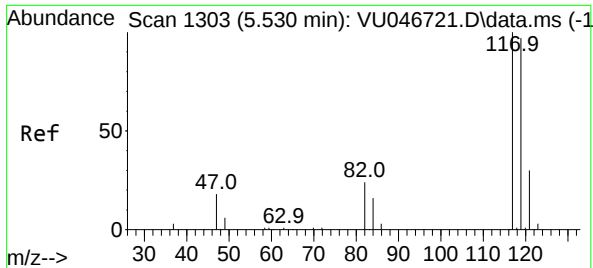
Tgt Ion:	56	Resp:	111490
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.6
84	97.8	74.2	111.2



#30
1,1,1-Trichloroethane
Concen: 54.922 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:	97	Resp:	123634
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.8	34.1	51.1

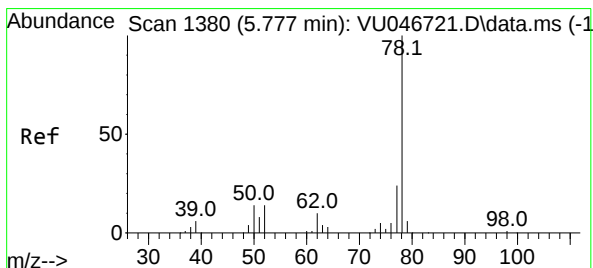
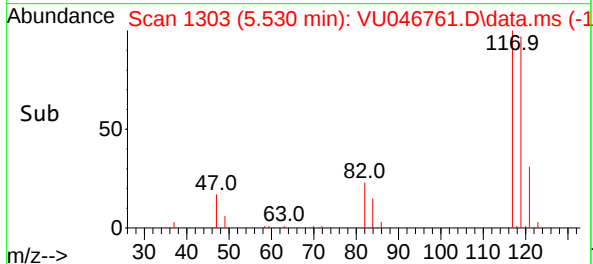
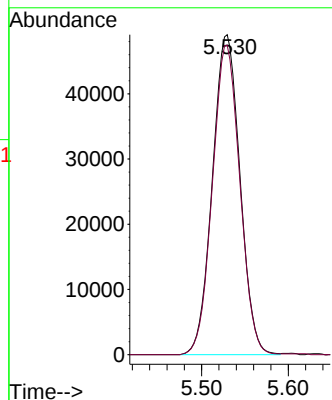
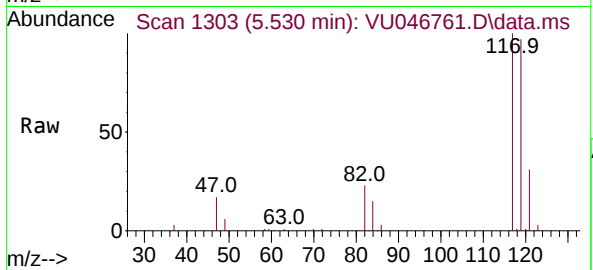




#31
Carbon tetrachloride
Concen: 55.656 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

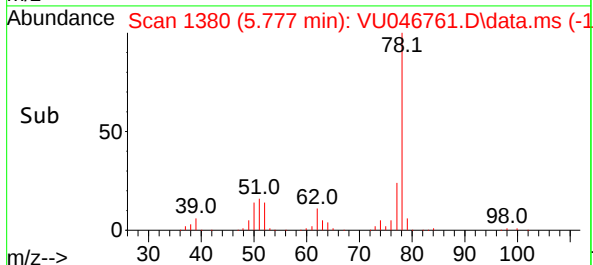
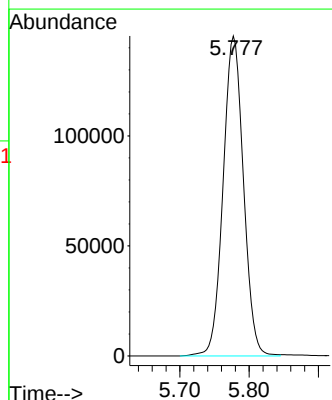
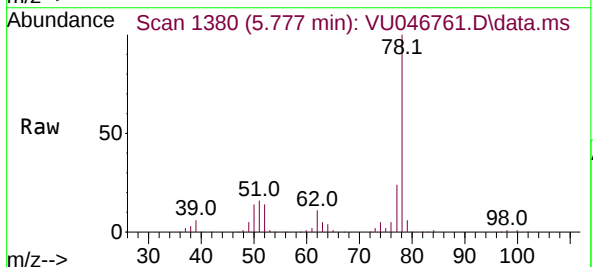
Instrument :
MSVOA_U
ClientSampleId :

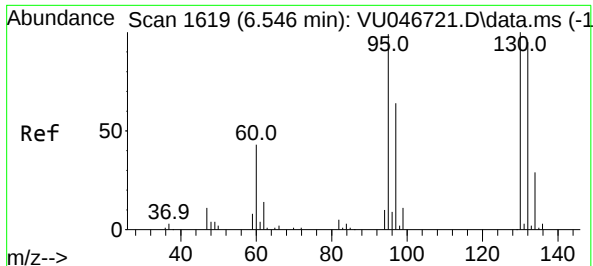
Tgt Ion:117 Resp: 108525
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 54.288 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

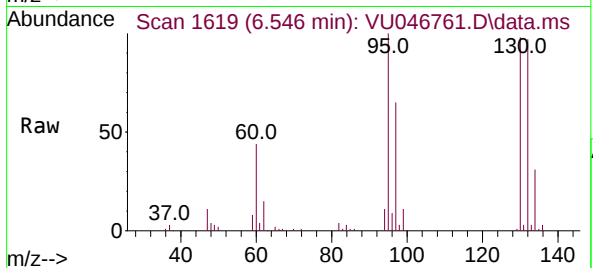
Tgt Ion: 78 Resp: 297152





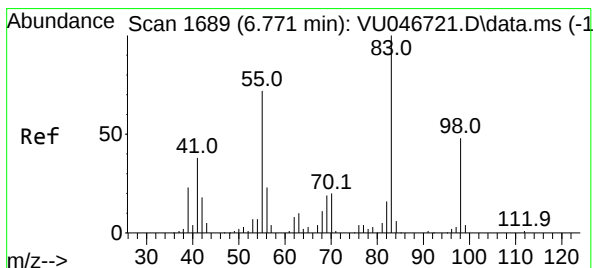
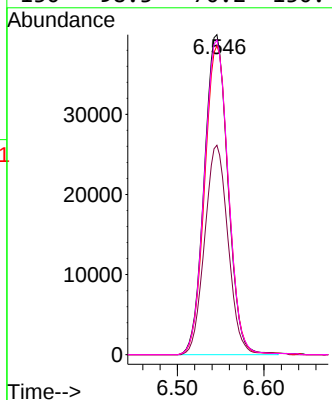
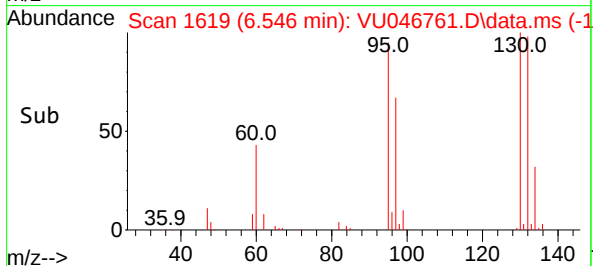
#34
Trichloroethene
Concen: 52.837 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Instrument :
MSVOA_U
ClientSampleId :

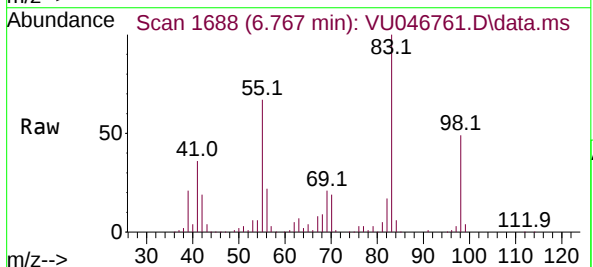


Tgt Ion: 95 Resp: 75857

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.7
132	96.6	66.7	123.9
130	98.3	70.2	130.4

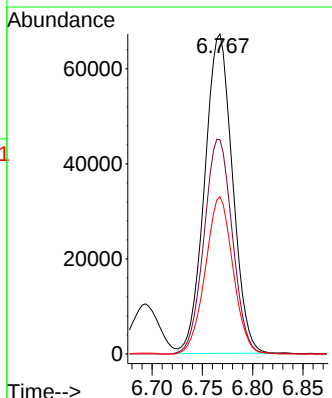
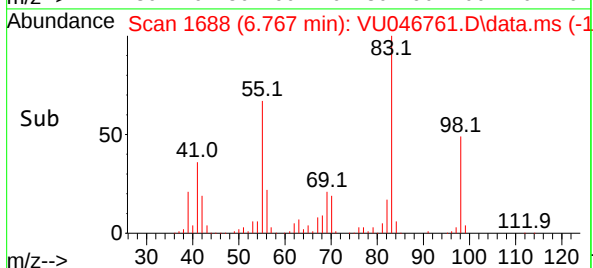


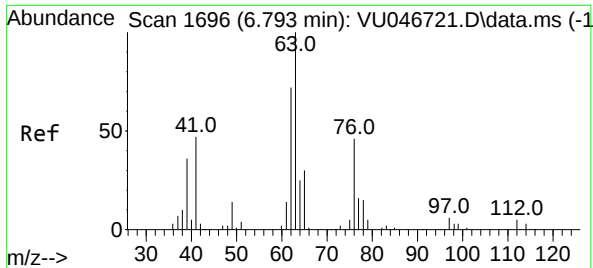
#35
Methylcyclohexane
Concen: 58.020 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01



Tgt Ion: 83 Resp: 129355

Ion	Ratio	Lower	Upper
83	100		
55	68.5	56.6	85.0
98	48.9	38.4	57.6





#37

1,2-Dichloropropane

Concen: 53.558 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

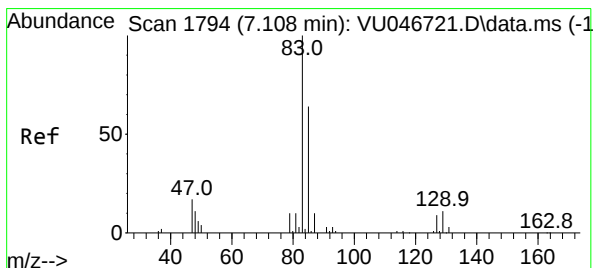
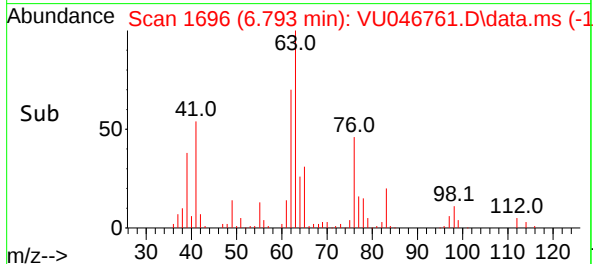
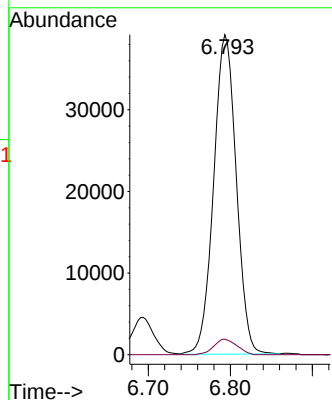
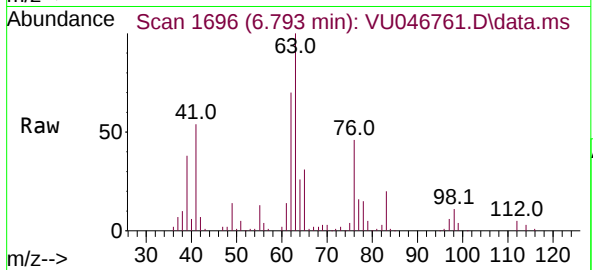
ClientSampleId :

Tgt Ion: 63 Resp: 75013

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 53.878 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

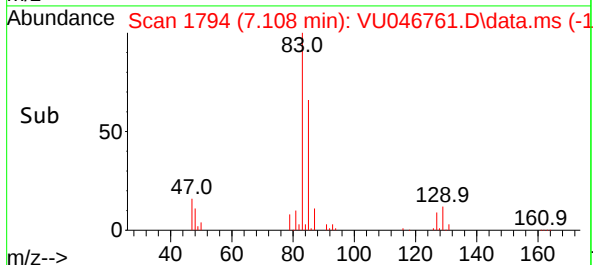
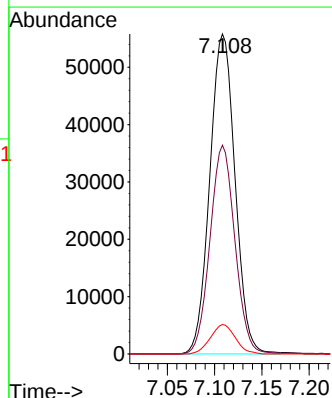
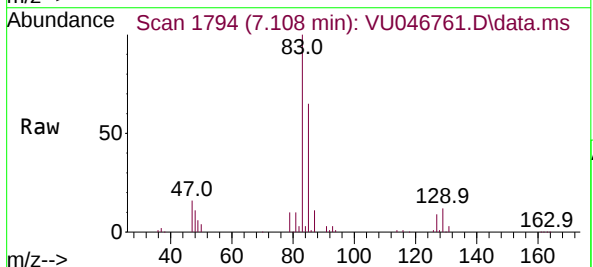
Tgt Ion: 83 Resp: 103778

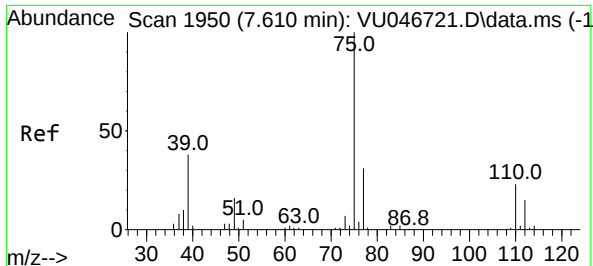
Ion Ratio Lower Upper

83 100

85 65.2 45.0 83.6

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 56.026 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

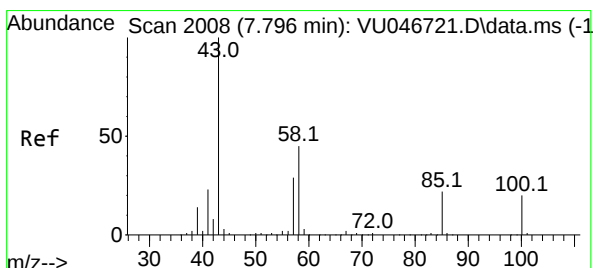
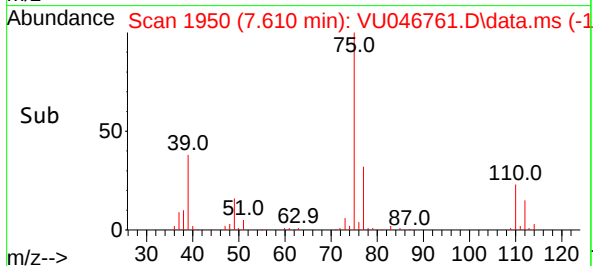
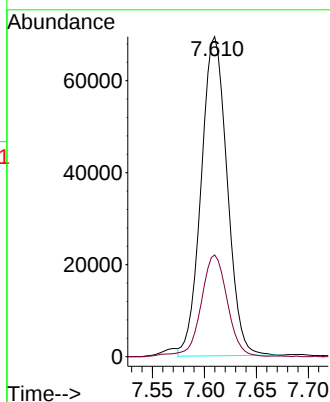
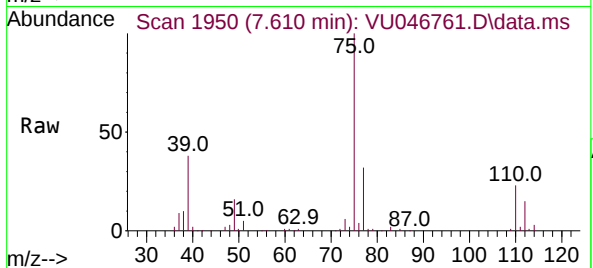
ClientSampleId :

Tgt Ion: 75 Resp: 120748

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 112.206 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

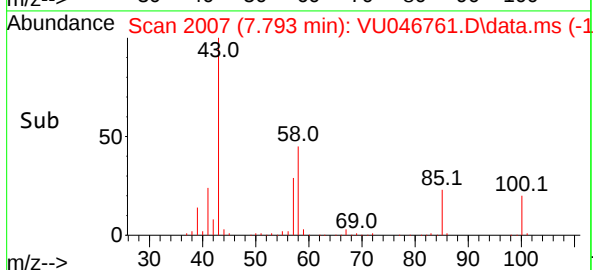
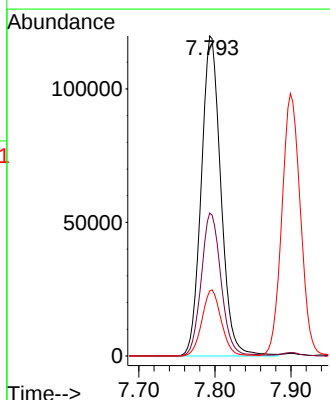
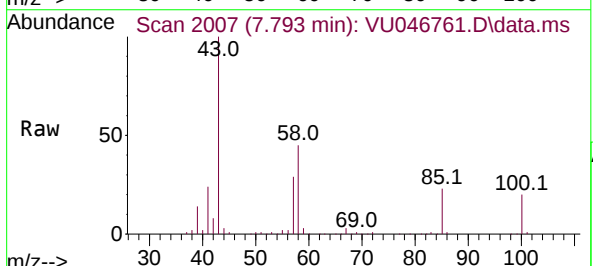
Tgt Ion: 43 Resp: 214846

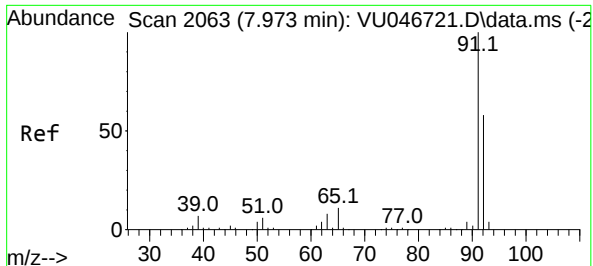
Ion Ratio Lower Upper

43 100

58 45.1 35.8 53.8

100 20.3 15.7 23.5

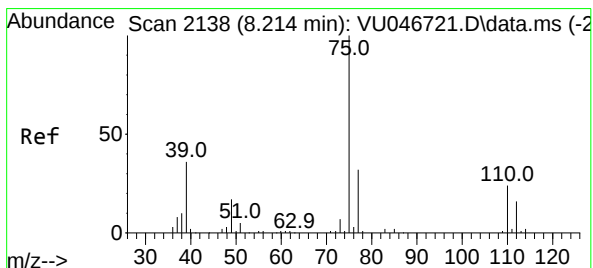
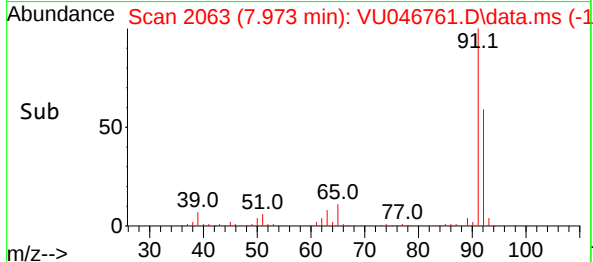
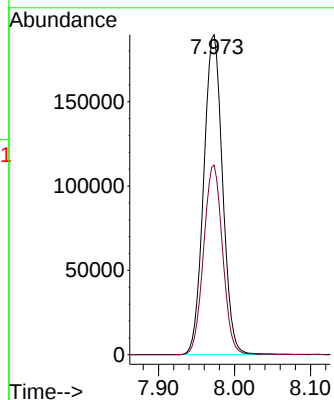
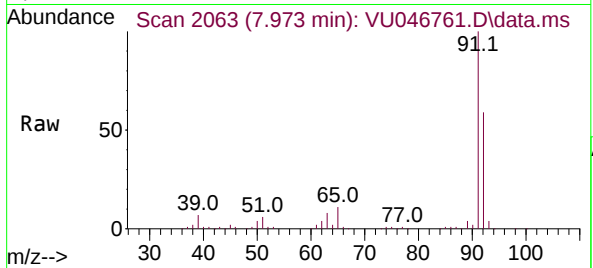




#42
Toluene
Concen: 56.704 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

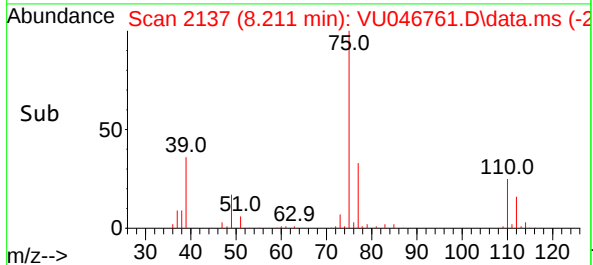
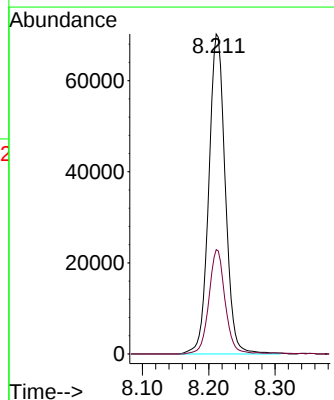
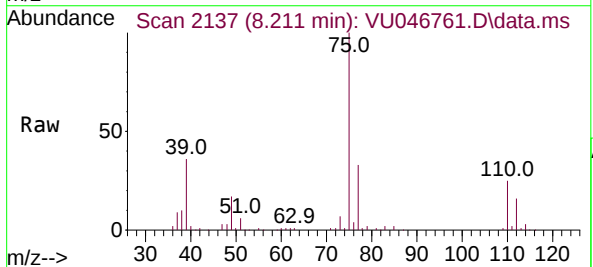
Instrument :
MSVOA_U
ClientSampleId :

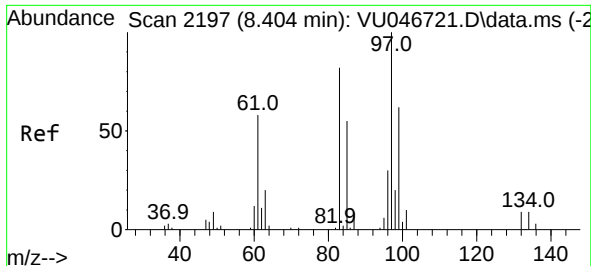
Tgt Ion: 91 Resp: 327338
Ion Ratio Lower Upper
91 100
92 59.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 57.930 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion: 75 Resp: 121127
Ion Ratio Lower Upper
75 100
77 32.6 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 53.926 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 77172

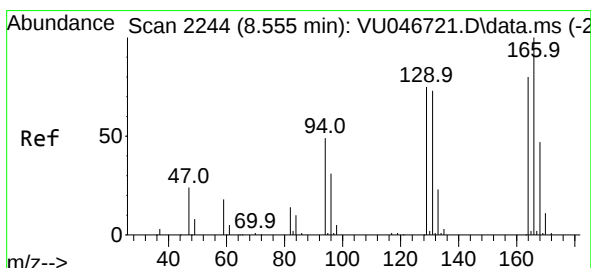
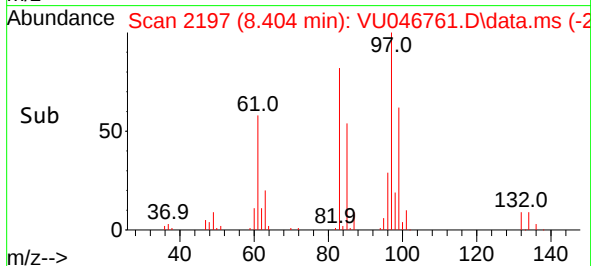
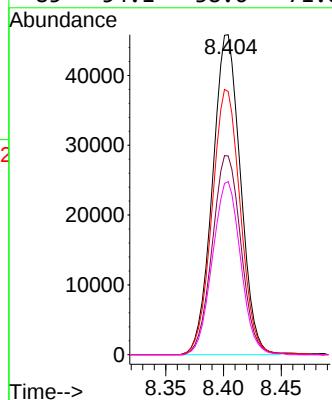
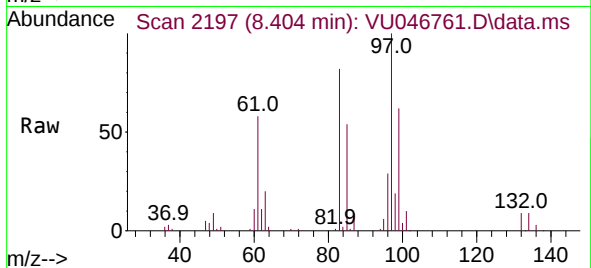
Ion Ratio Lower Upper

97 100

99 62.1 42.4 78.8

83 82.3 59.4 110.4

85 54.1 38.6 71.8



#46

Tetrachloroethene

Concen: 57.392 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Tgt Ion:164 Resp: 62516

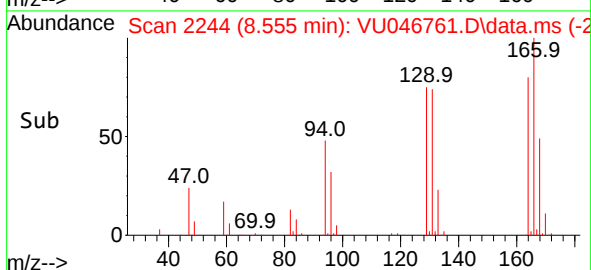
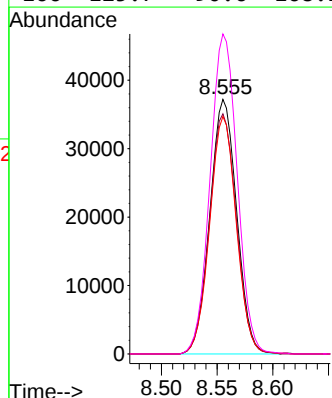
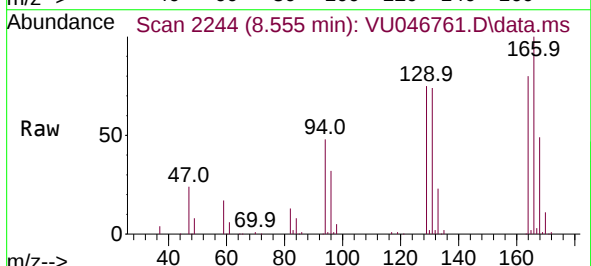
Ion Ratio Lower Upper

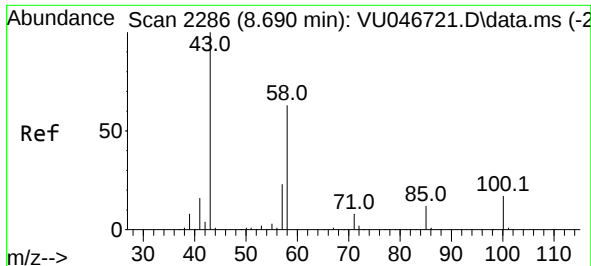
164 100

129 94.3 69.5 129.1

131 93.2 67.0 124.4

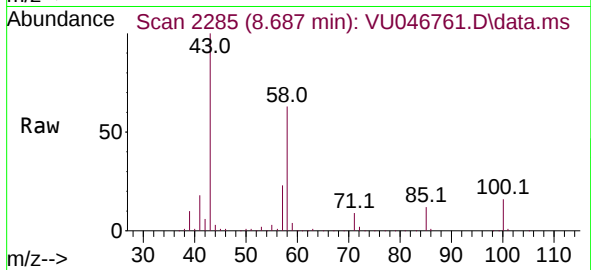
166 125.7 90.6 168.2



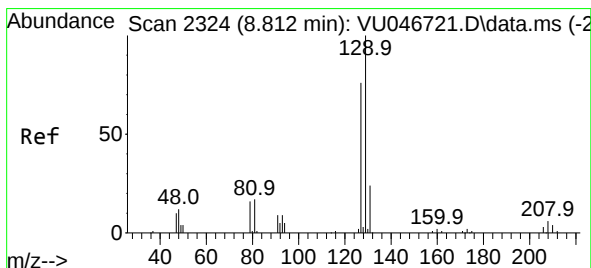
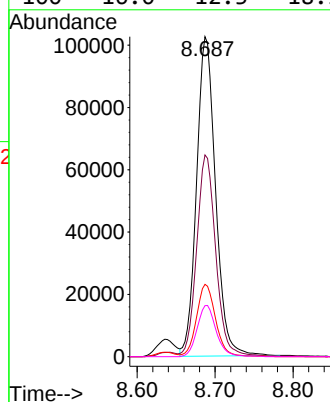
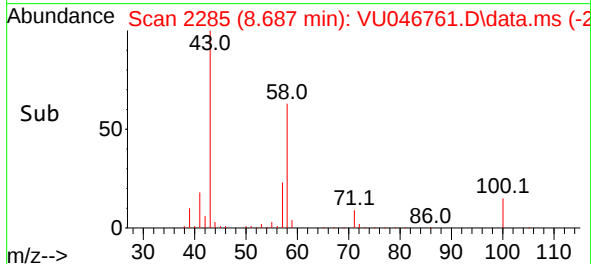


#48
2-Hexanone
Concen: 107.143 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Instrument :
MSVOA_U
ClientSampleId :

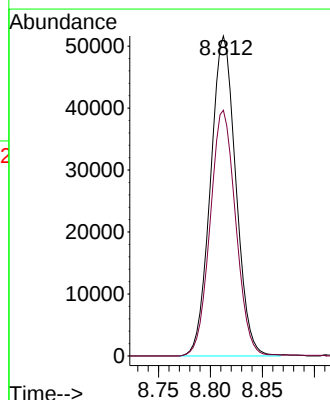
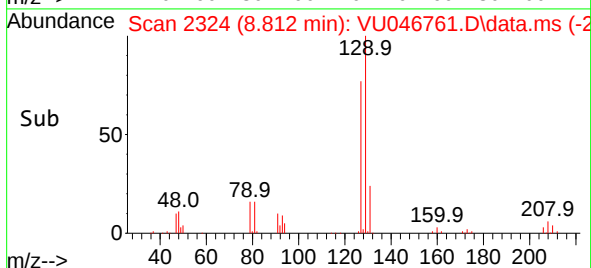
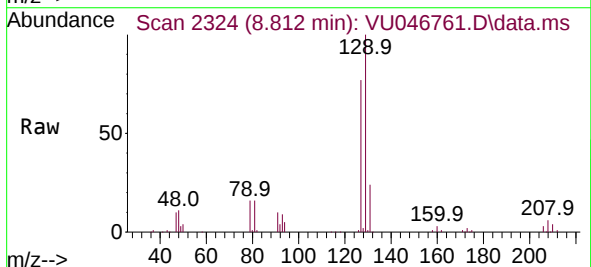


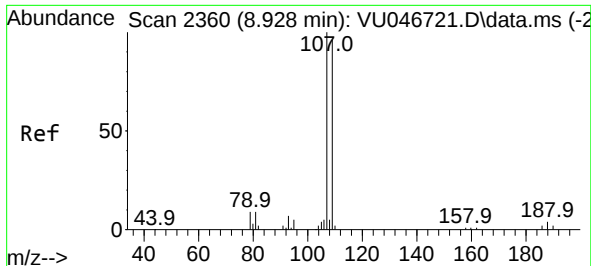
Tgt Ion: 43	Resp: 173885
Ion Ratio	Lower Upper
43 100	
58 63.1	49.4 74.2
57 22.7	17.5 26.3
100 16.0	12.3 18.5



#49
Dibromochloromethane
Concen: 55.695 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:129	Resp:	87538	
Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.5	101.3





#50

1,2-Dibromoethane

Concen: 58.279 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046761.D

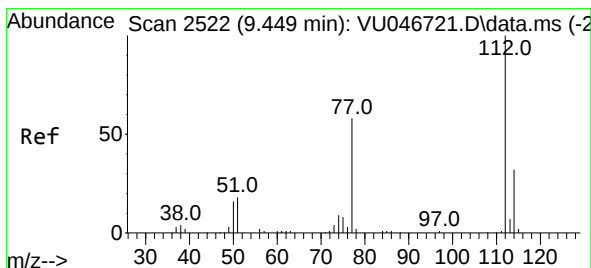
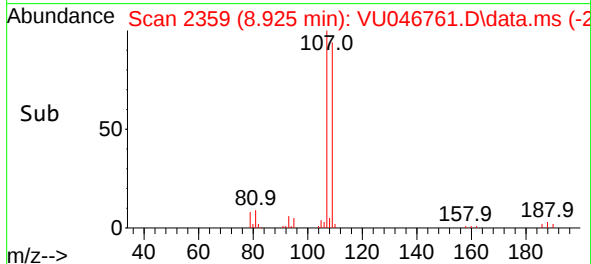
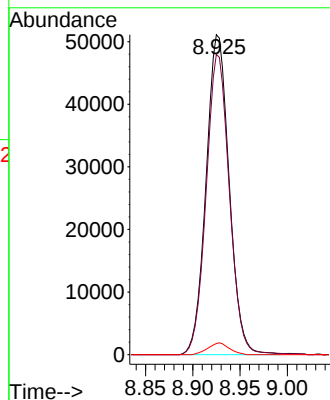
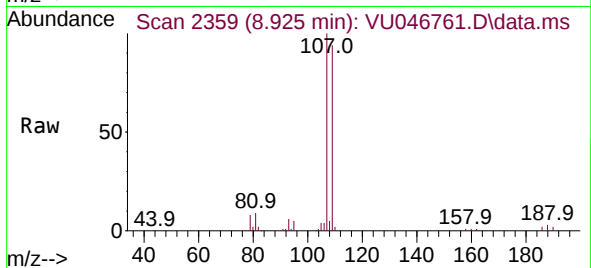
Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	86935
Ion	Ratio	Lower Upper
107	100	
109	93.9	65.6 121.8
188	3.5	3.1 4.7



#51

Chlorobenzene

Concen: 55.430 ug/L

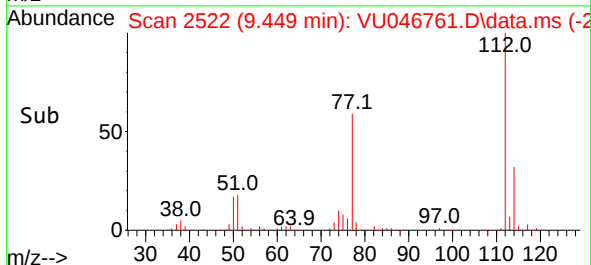
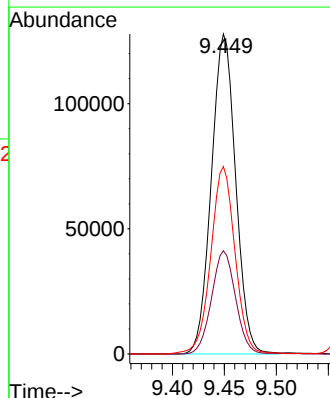
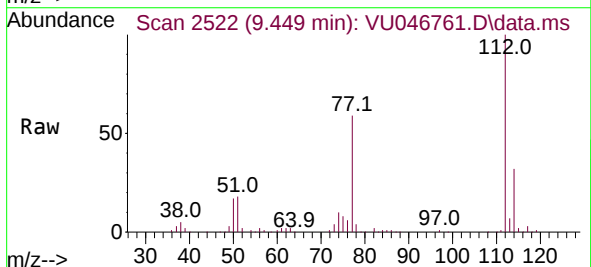
RT: 9.449 min Scan# 2522

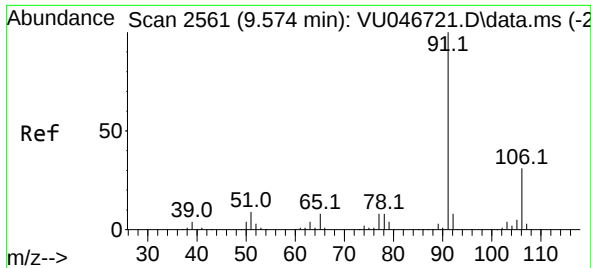
Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Tgt Ion:112	Resp:	207987
Ion	Ratio	Lower Upper
112	100	
114	32.3	22.1 41.1
77	58.6	46.5 69.7

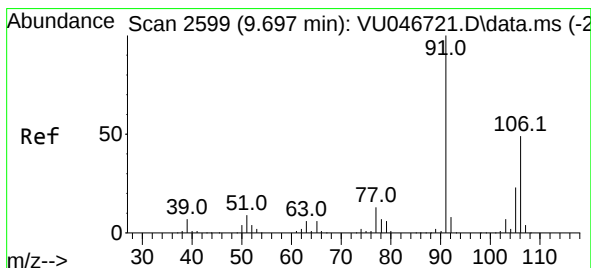
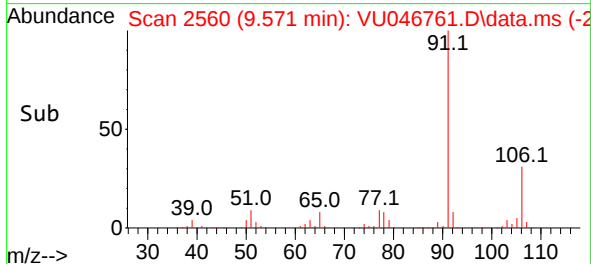
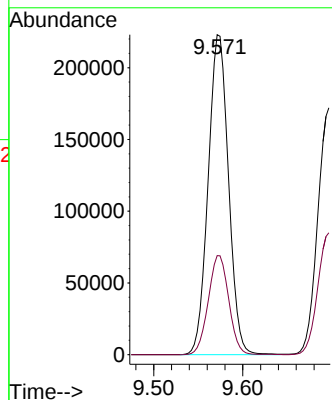
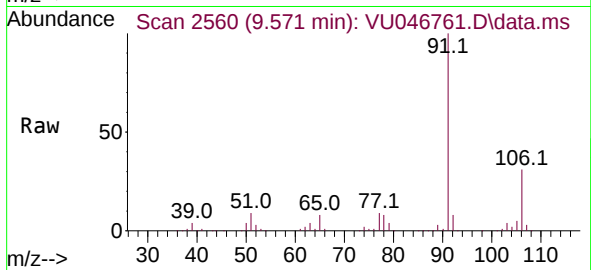




#52
Ethylbenzene
Concen: 57.760 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

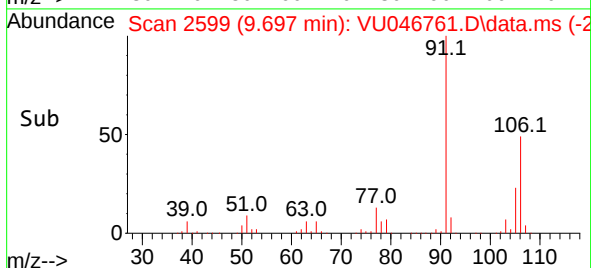
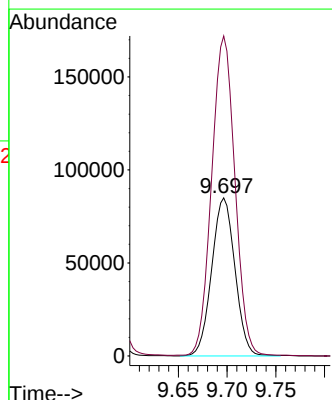
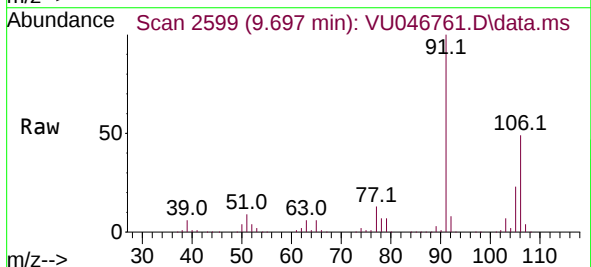
Instrument :
MSVOA_U
ClientSampleId :

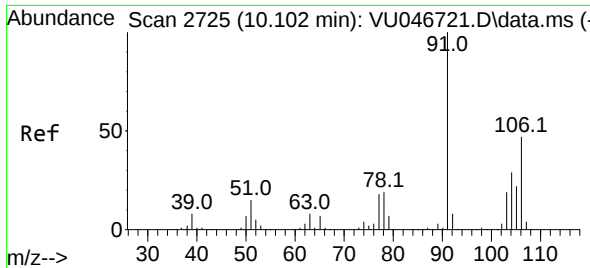
Tgt Ion: 91 Resp: 353735
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 59.606 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:106 Resp: 140984
Ion Ratio Lower Upper
106 100
91 202.4 145.5 270.1

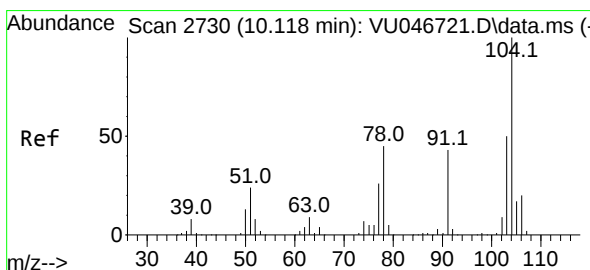
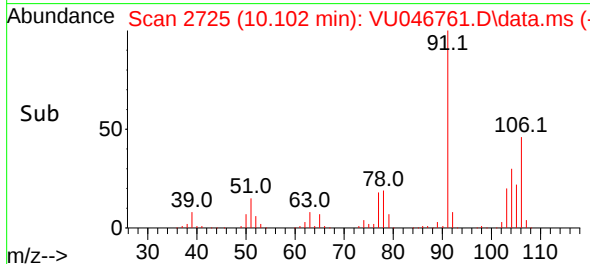
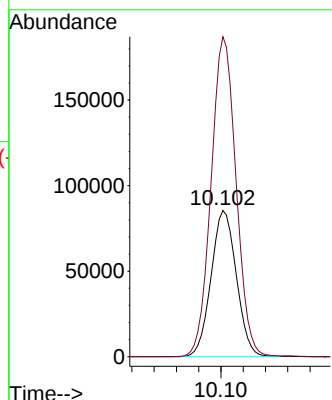
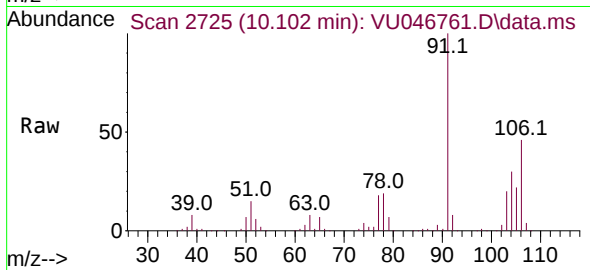




#54
o-xylene
Concen: 59.625 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

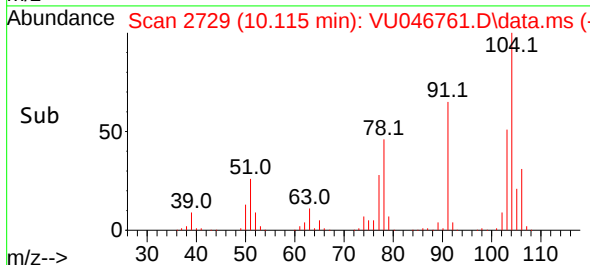
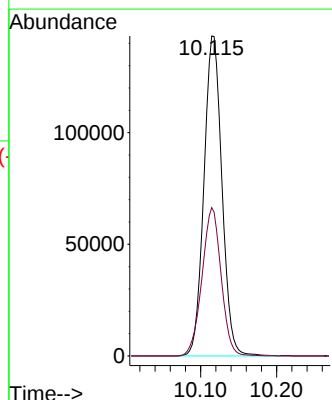
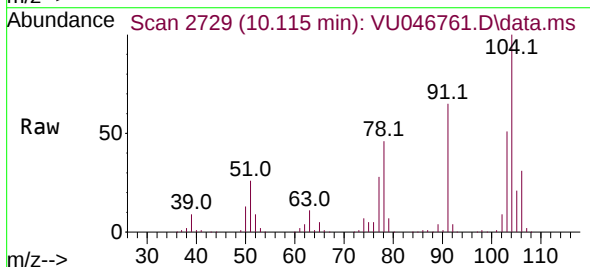
Instrument :
MSVOA_U
ClientSampleId :

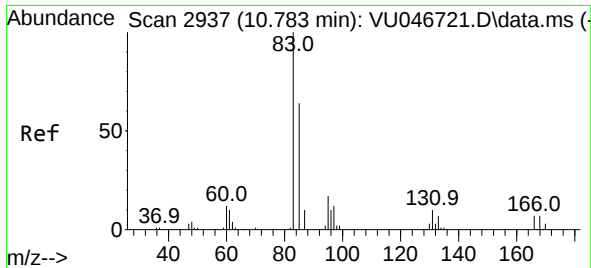
Tgt Ion:106 Resp: 134856
Ion Ratio Lower Upper
106 100
91 218.7 152.0 282.2



#55
Styrene
Concen: 59.618 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:104 Resp: 235968
Ion Ratio Lower Upper
104 100
78 46.4 32.6 60.6

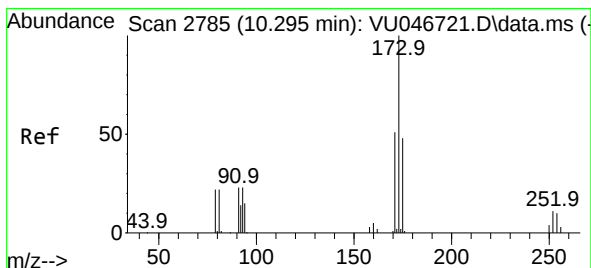
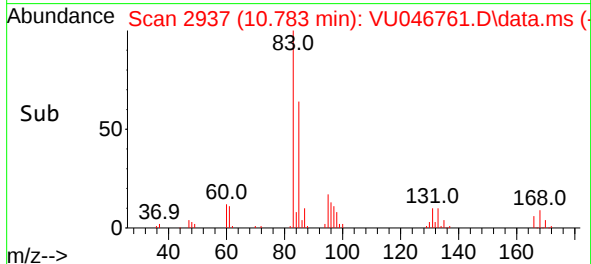
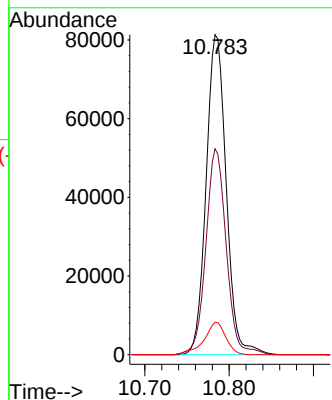
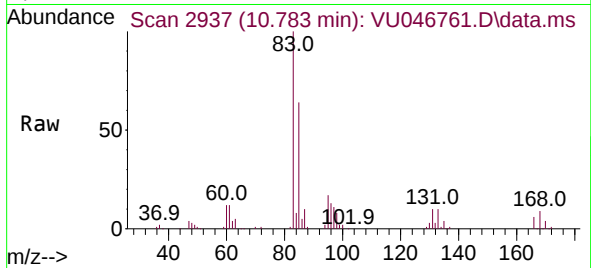




#57
 1,1,2,2-Tetrachloroethane
 Concen: 53.885 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

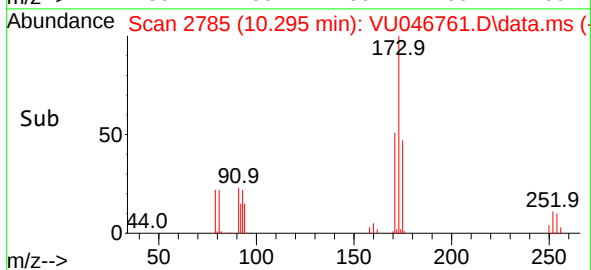
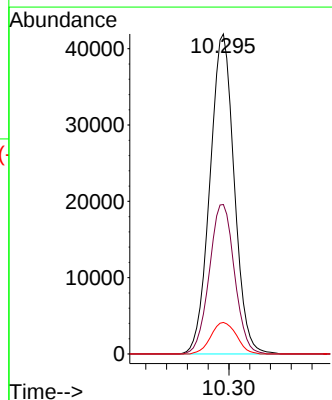
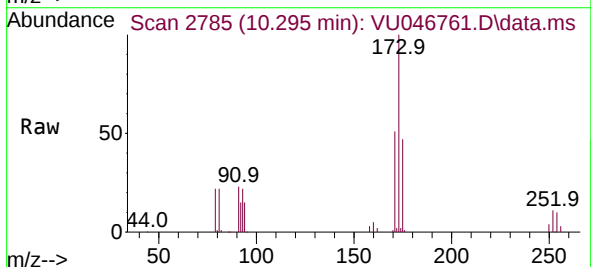
Instrument :
 MSVOA_U
 ClientSampleId :

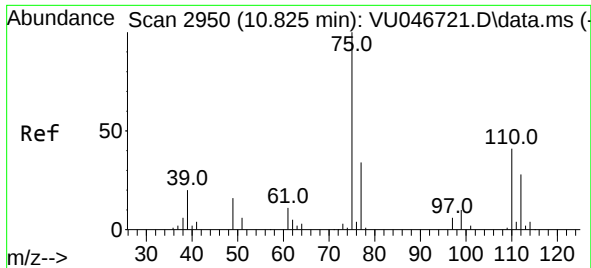
Tgt Ion: 83 Resp: 134868
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.7 83.1
 131 10.1 7.8 11.6



#59
 Bromoform
 Concen: 57.013 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. 0.000 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Tgt Ion: 173 Resp: 68034
 Ion Ratio Lower Upper
 173 100
 175 48.4 37.6 56.4
 254 10.4 8.1 12.1

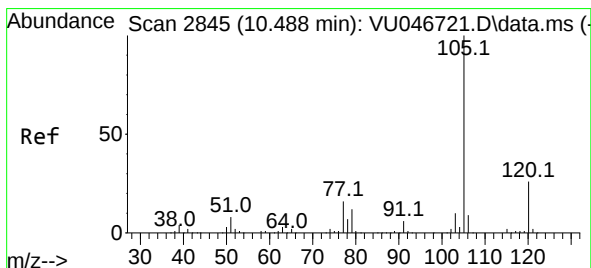
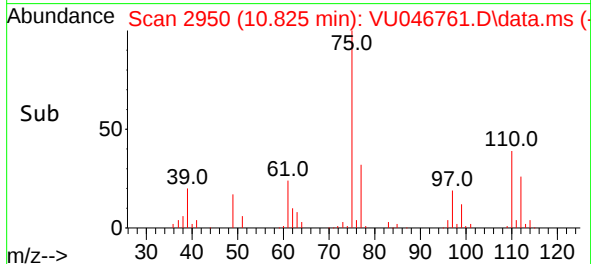
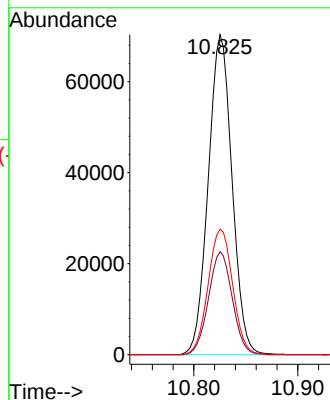
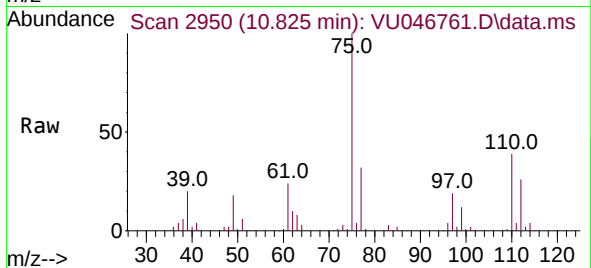




#60
 1,2,3-Trichloropropane
 Concen: 54.058 ug/L
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

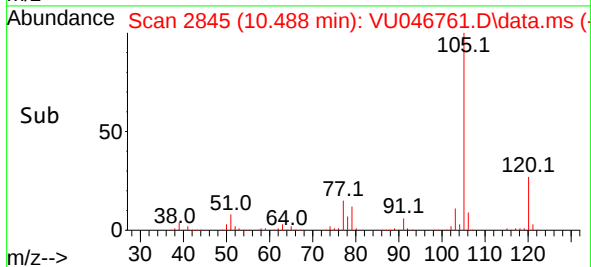
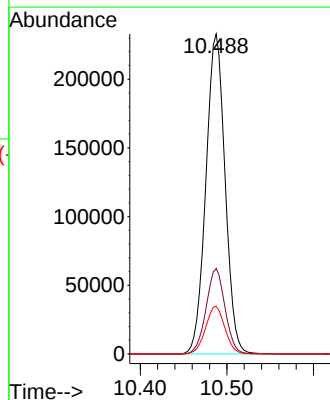
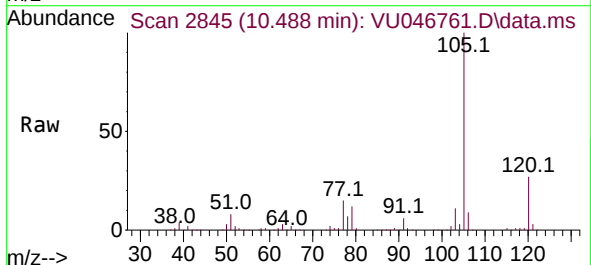
Instrument :
 MSVOA_U
 ClientSampleId :

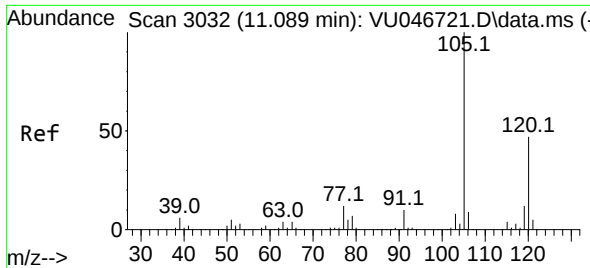
Tgt Ion: 75 Resp: 111706
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 110 40.6 32.5 48.7



#61
 Isopropylbenzene
 Concen: 59.730 ug/L
 RT: 10.488 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Tgt Ion: 105 Resp: 358288
 Ion Ratio Lower Upper
 105 100
 120 26.3 20.6 31.0
 77 15.0 12.6 18.8

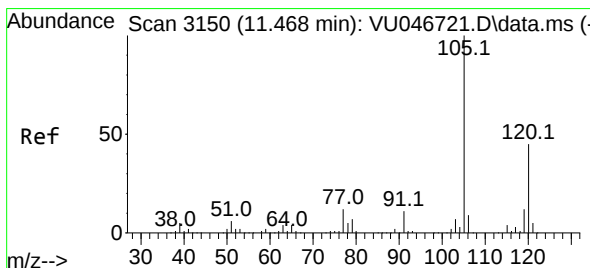
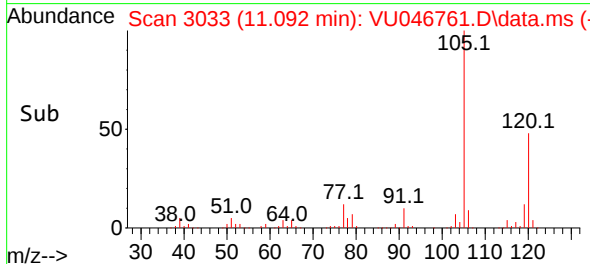
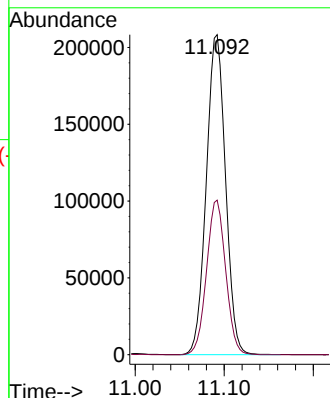
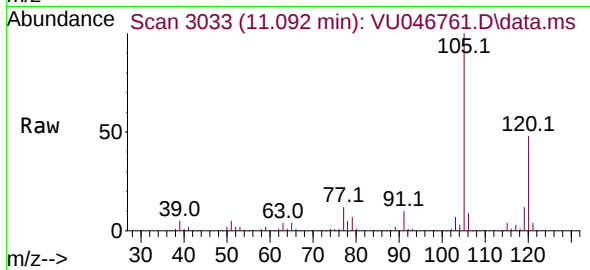




#62
 1,3,5-Trimethylbenzene
 Concen: 61.718 ug/L
 RT: 11.092 min Scan# 3032
 Delta R.T. 0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

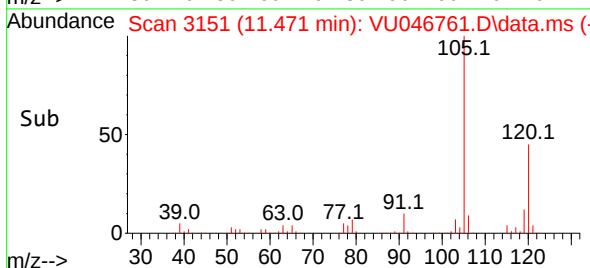
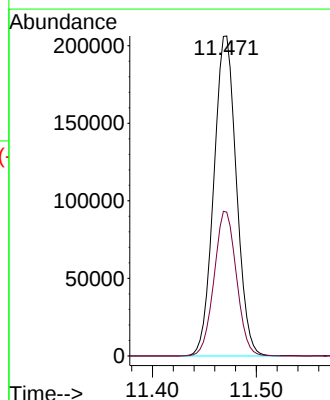
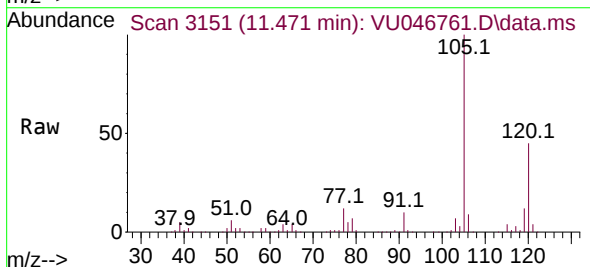
Instrument :
 MSVOA_U
 ClientSampleId :

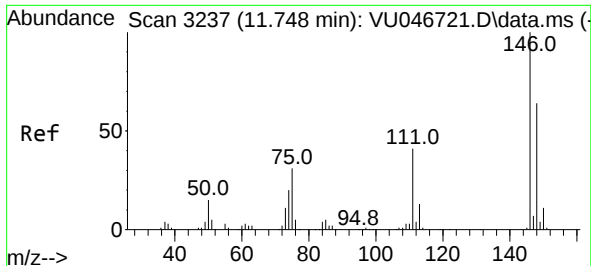
Tgt Ion:105 Resp: 311211
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 62.083 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

Tgt Ion:105 Resp: 311916
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.2

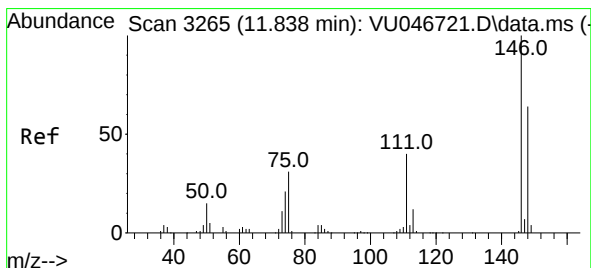
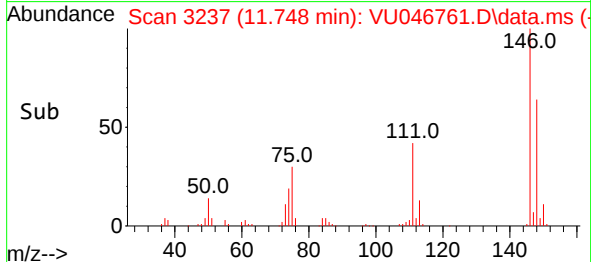
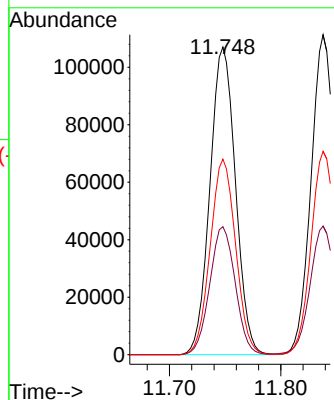
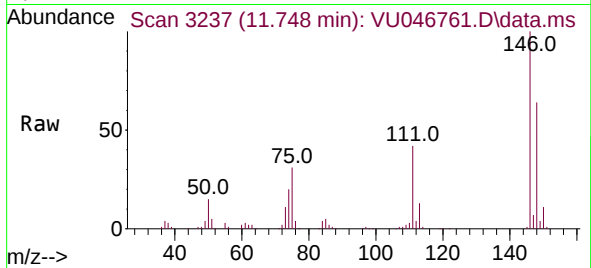




#64
1,3-Dichlorobenzene
Concen: 56.786 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

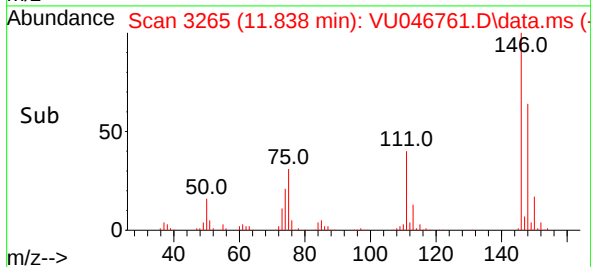
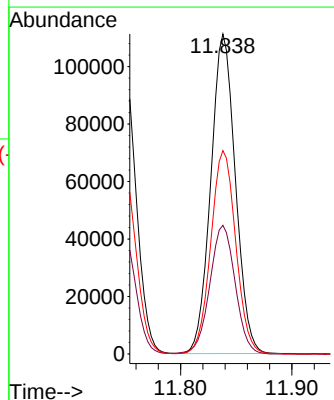
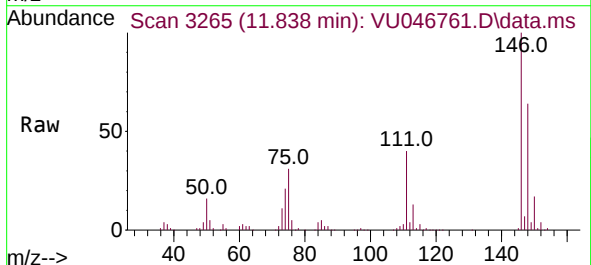
Instrument :
MSVOA_U
ClientSampleId :

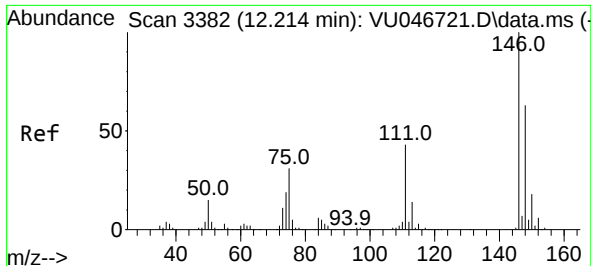
Tgt Ion:146 Resp: 170733
Ion Ratio Lower Upper
146 100
111 41.6 29.4 54.6
148 63.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 54.488 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046761.D
Acq: 17 Jan 2022 12:01

Tgt Ion:146 Resp: 170700
Ion Ratio Lower Upper
146 100
111 40.2 28.9 53.7
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.331 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

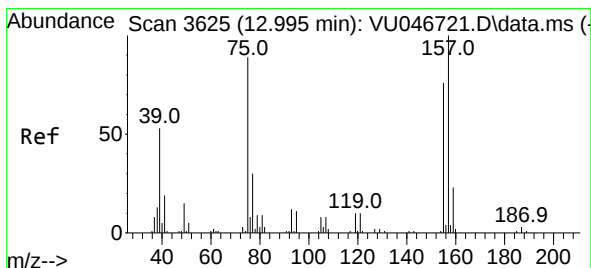
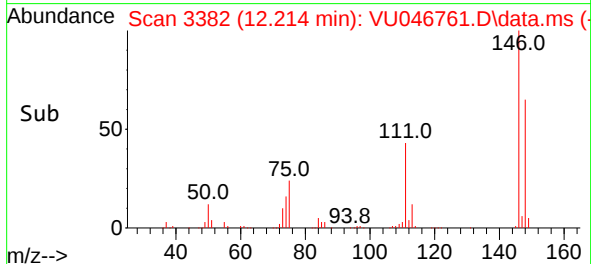
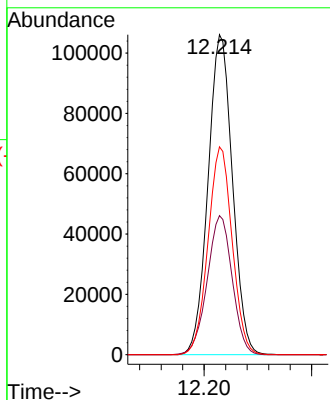
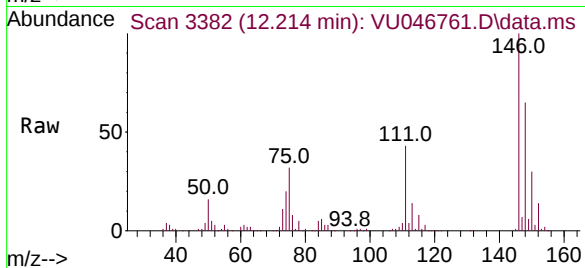
Tgt Ion:146 Resp: 167203

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 64.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 54.746 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

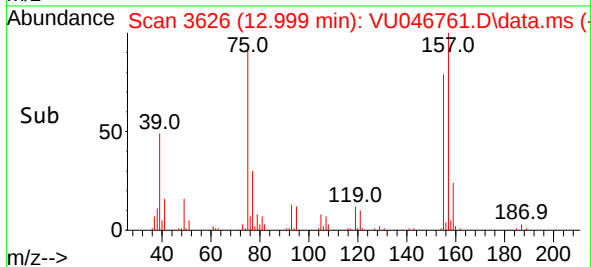
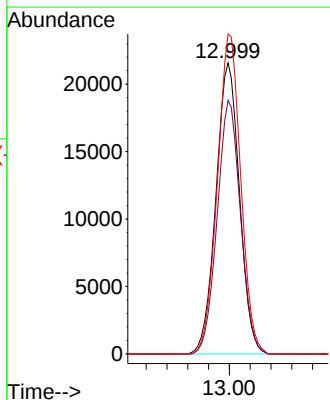
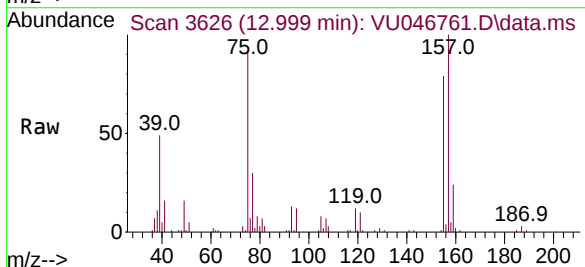
Tgt Ion: 75 Resp: 33865

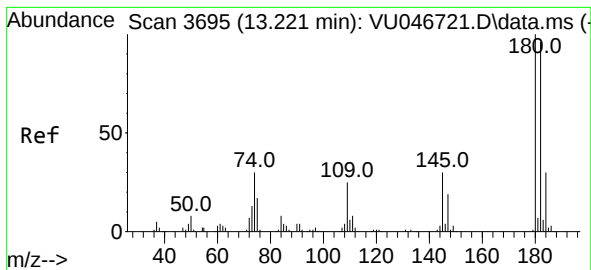
Ion Ratio Lower Upper

75 100

155 87.2 65.0 97.4

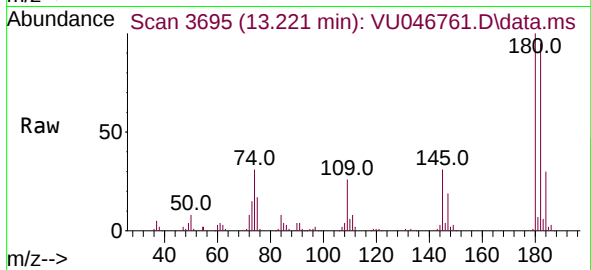
157 110.0 79.7 119.5



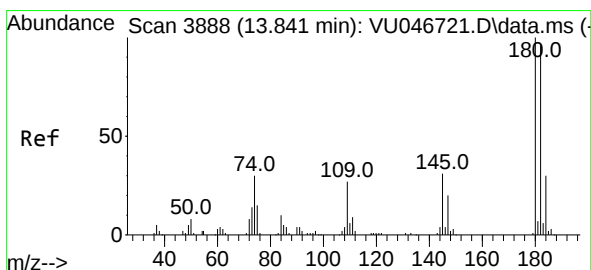
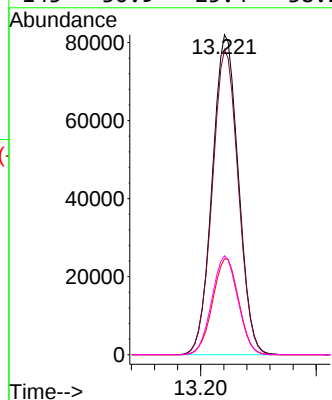
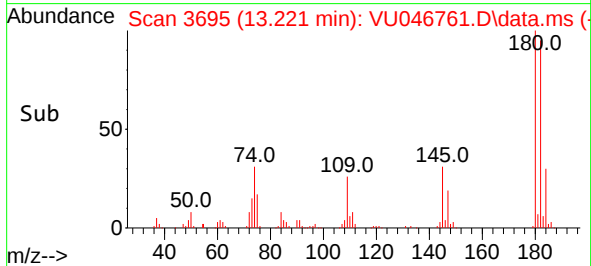


#69
 1,3,5-Trichlorobenzene
 Concen: 55.672 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01

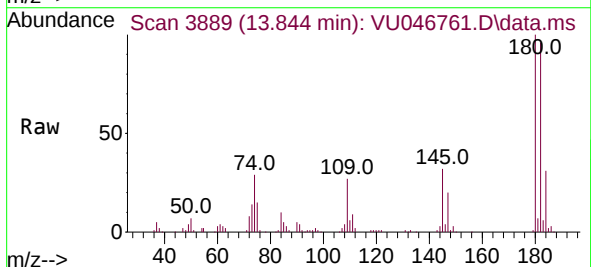
Instrument :
 MSVOA_U
 ClientSampleId :



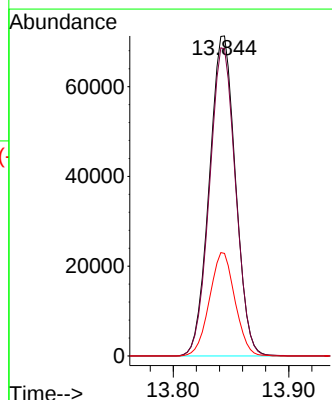
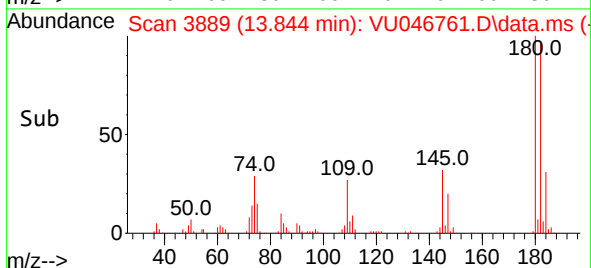
Tgt Ion:180 Resp: 128200
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.6
 184 30.2 24.7 37.1
 145 30.9 25.4 38.2

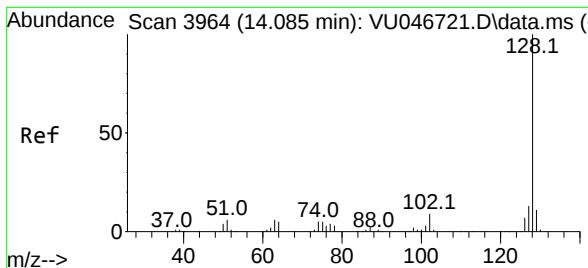


#70
 1,2,4-trichlorobenzene
 Concen: 56.953 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU046761.D
 Acq: 17 Jan 2022 12:01



Tgt Ion:180 Resp: 112111
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 114.8
 145 31.5 25.2 37.8





#71

Naphthalene

Concen: 61.531 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Instrument :

MSVOA_U

ClientSampleId :

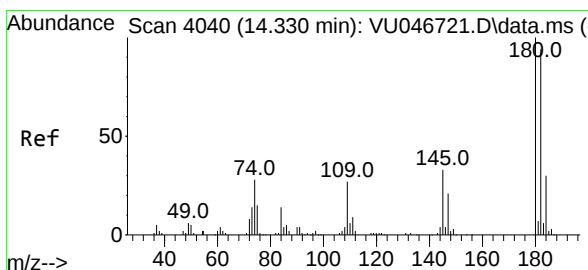
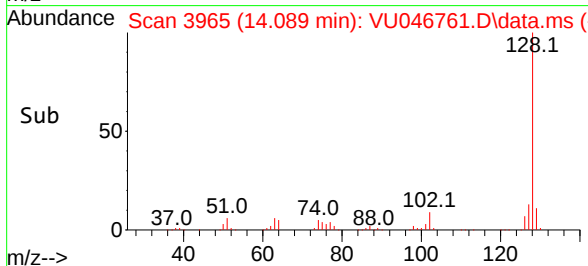
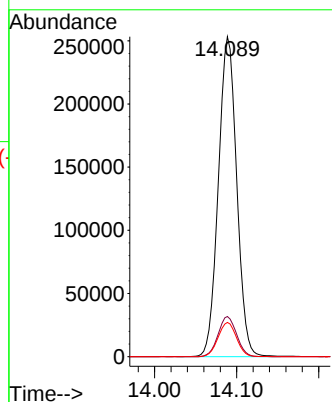
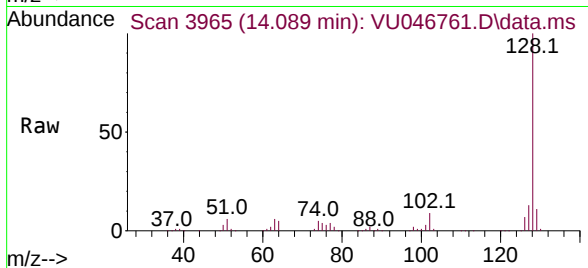
Tgt Ion:128 Resp: 393930

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 57.375 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU046761.D

Acq: 17 Jan 2022 12:01

Tgt Ion:180 Resp: 114125

Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

145 33.4 27.4 41.2

