

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046721.D
 Acq On : 11 Jan 2022 11:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68490	47.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.480%
7) Chloroethane-d5	1.919	69	53475	49.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.300%
11) 1,1-Dichloroethene-d2	2.575	63	120930	49.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.080%
21) 2-Butanone-d5	4.652	46	107135	100.970	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.970%
24) Chloroform-d	5.070	84	124502	48.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
26) 1,2-Dichloroethane-d4	5.706	65	78299	48.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
32) Benzene-d6	5.732	84	246905	48.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	6.697	67	73696	47.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	7.902	98	230296	50.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.460%
43) trans-1,3-Dichloroprop...	8.182	79	37576	50.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
47) 2-Hexanone-d5	8.639	63	88095	107.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	118681	49.457	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	91969	49.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	78293	51.155	ug/L	100
3) Chloromethane	1.523	50	69240	50.836	ug/L	99
5) Vinyl chloride	1.610	62	72707	51.503	ug/L	100
6) Bromomethane	1.864	94	44801	50.096	ug/L	97
8) Chloroethane	1.941	64	45370	53.098	ug/L	91
9) Trichlorofluoromethane	2.147	101	110167	53.019	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	63060	53.962	ug/L	99
12) 1,1-Dichloroethene	2.587	96	57686	52.424	ug/L	97
13) Acetone	2.668	43	112417	111.326	ug/L	98
14) Carbon disulfide	2.800	76	151432	46.296	ug/L	99
15) Methyl Acetate	2.964	43	73568	57.040	ug/L	96
16) Methylene chloride	3.054	84	66760	49.252	ug/L	99
17) trans-1,2-Dichloroethene	3.362	96	60600	52.675	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	196287	57.426	ug/L	100
19) 1,1-Dichloroethane	3.877	63	111588	53.183	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	67221	54.519	ug/L	98
22) 2-Butanone	4.729	43	129863	112.807	ug/L	99
23) Bromochloromethane	4.983	128	35691	54.153	ug/L	95
25) Chloroform	5.092	83	124213	54.200	ug/L	100

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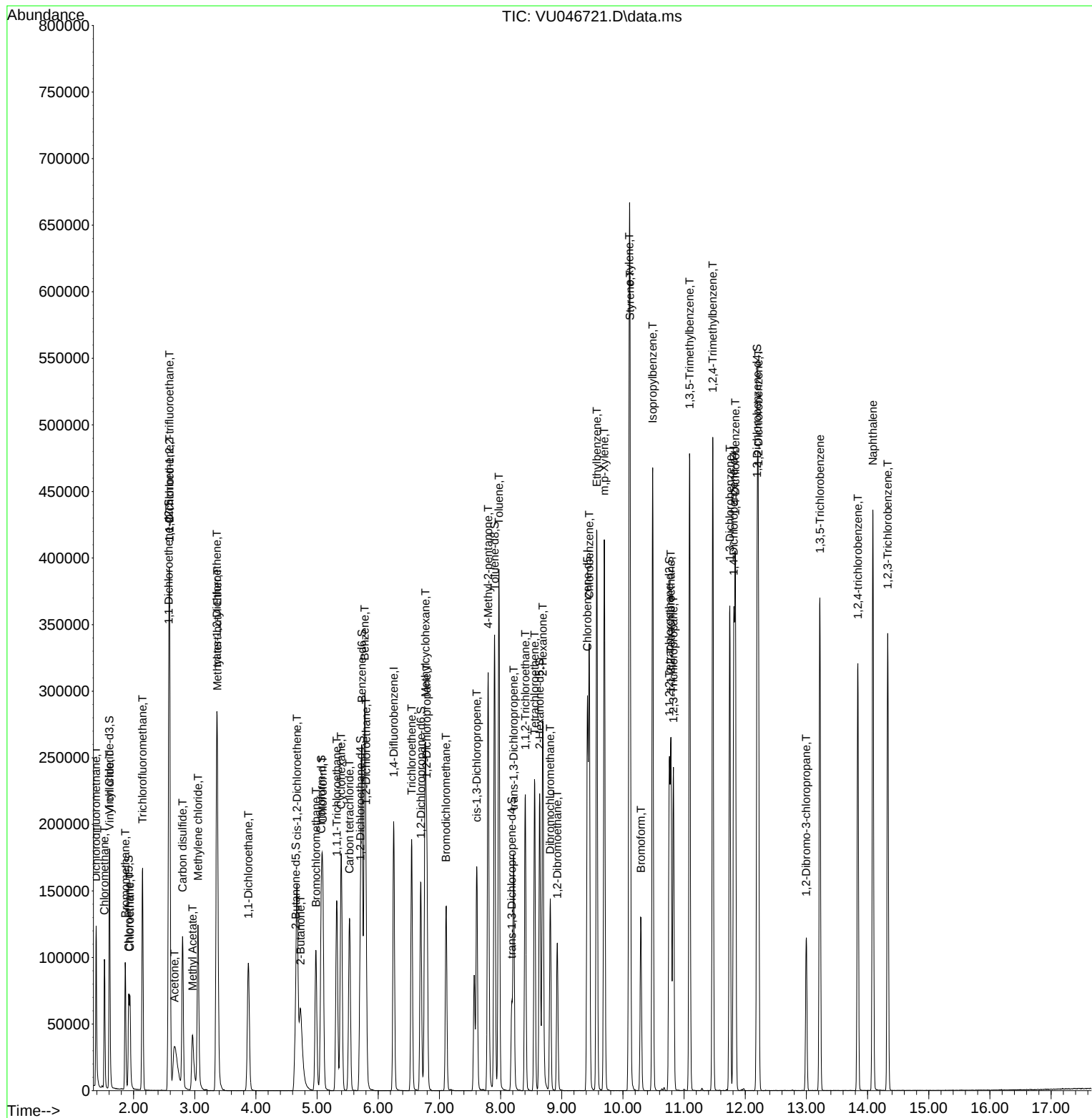
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	95399	54.180	ug/L	100
29) Cyclohexane	5.394	56	88001	50.876	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	107862	54.188	ug/L	99
31) Carbon tetrachloride	5.530	117	91190	52.888	ug/L	100
33) Benzene	5.777	78	259071	53.527	ug/L	100
34) Trichloroethene	6.546	95	64973	51.180	ug/L	100
35) Methylcyclohexane	6.771	83	103358	52.428	ug/L	100
37) 1,2-Dichloropropane	6.793	63	65808	53.136	ug/L	100
38) Bromodichloromethane	7.108	83	92200	54.134	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	104010	54.577	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	197457	116.624	ug/L	100
42) Toluene	7.973	91	287225	56.269	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	102281	55.320	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	68669	54.266	ug/L	98
46) Tetrachloroethene	8.555	164	52174	54.168	ug/L	96
48) 2-Hexanone	8.690	43	170526	118.828	ug/L	99
49) Dibromochloromethane	8.812	129	75651	54.433	ug/L	98
50) 1,2-Dibromoethane	8.928	107	73793	55.945	ug/L	97
51) Chlorobenzene	9.449	112	179721	54.167	ug/L	99
52) Ethylbenzene	9.574	91	300650	55.518	ug/L	100
53) m,p-Xylene	9.697	106	119270	57.027	ug/L	97
54) o-xylene	10.102	106	115499	57.751	ug/L	99
55) Styrene	10.118	104	205113	58.606	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	124009	56.033	ug/L	99
59) Bromoform	10.295	173	58617	54.232	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	100656	53.778	ug/L	99
61) Isopropylbenzene	10.488	105	306048	56.329	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	262808	57.541	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	266231	58.502	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	148663	54.589	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	153215	53.995	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	152669	55.777	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	29059	51.864	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	114934	55.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	98675	55.342	ug/L	99
71) Naphthalene	14.085	128	340078	58.645	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	103074	57.210	ug/L	99

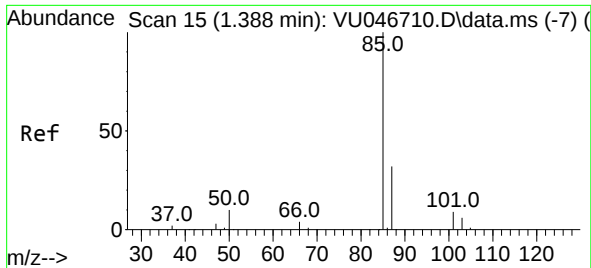
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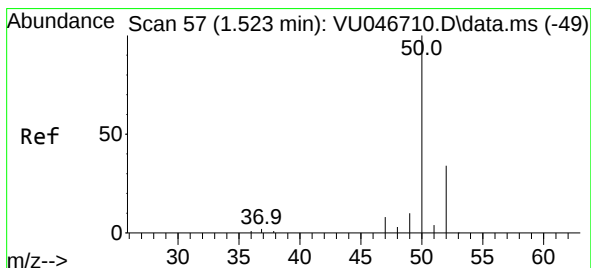
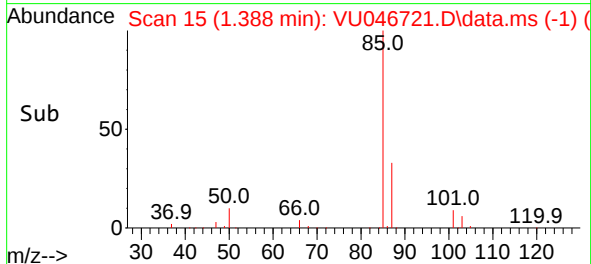
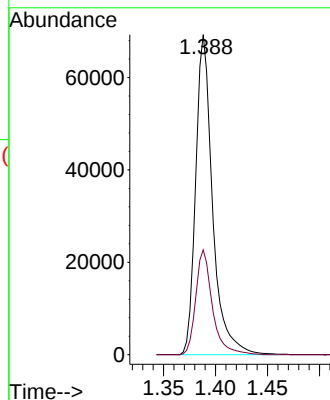
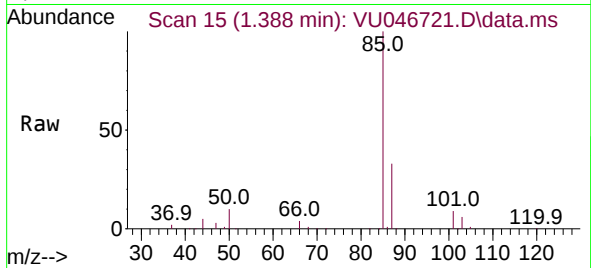




#2
 Dichlorodifluoromethane
 Concen: 51.155 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

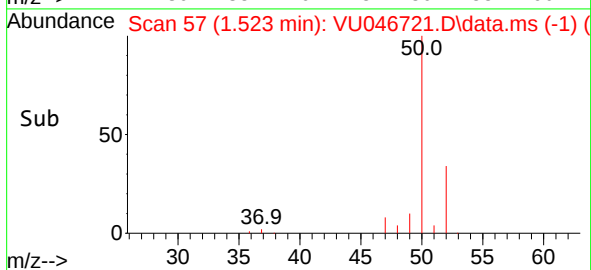
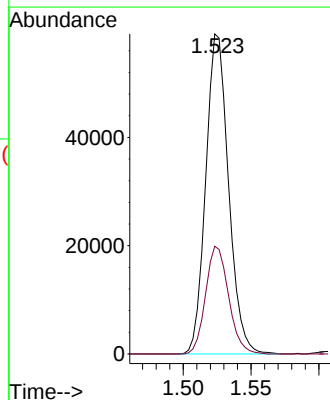
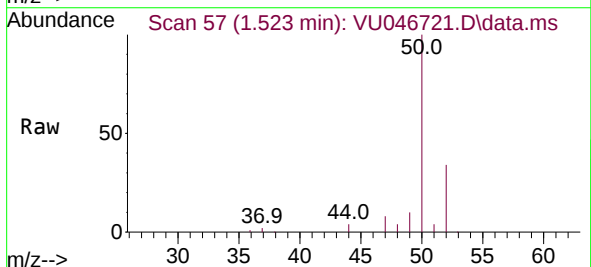
Instrument :
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 ClientSampleId :

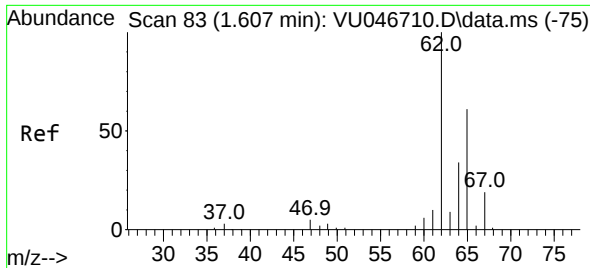
Tgt Ion: 85 Resp: 78293
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 50.836 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

Tgt Ion: 50 Resp: 69240
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

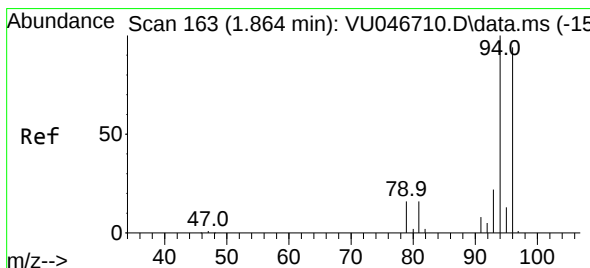
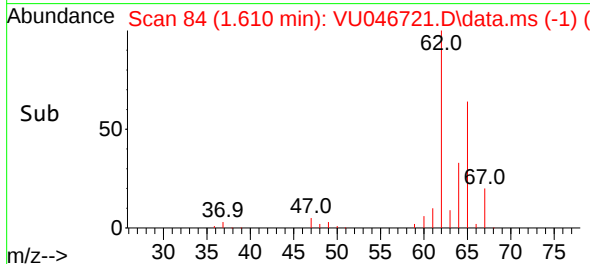
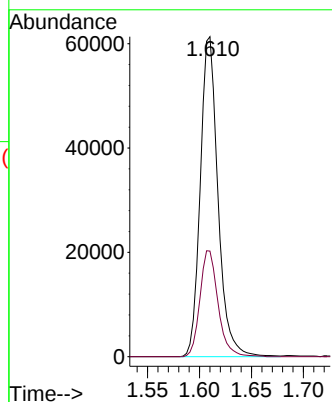
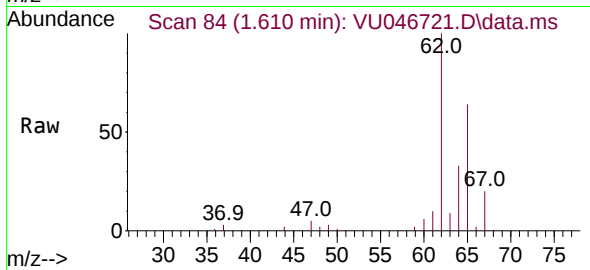




#5
 Vinyl chloride
 Concen: 51.503 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

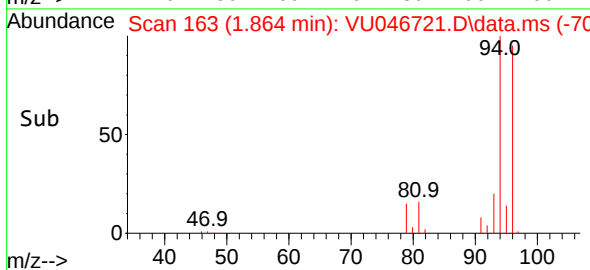
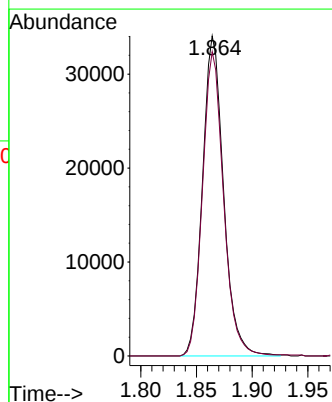
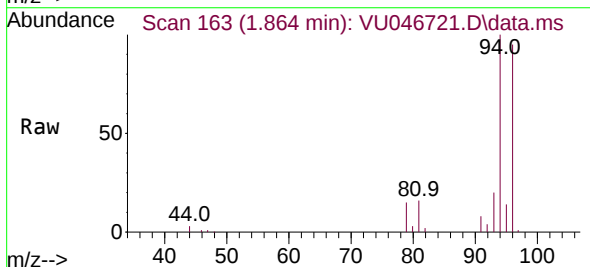
Instrument :
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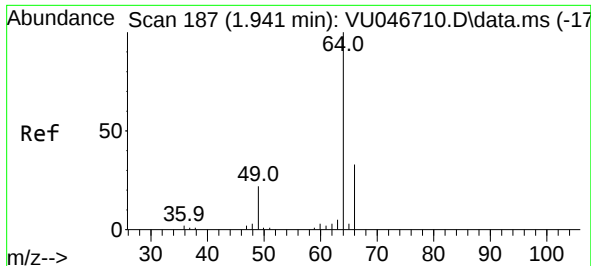
Tgt Ion: 62 Resp: 72707
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 50.096 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

Tgt Ion: 94 Resp: 44801
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.4 119.6

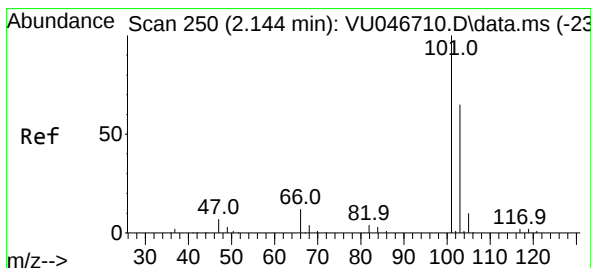
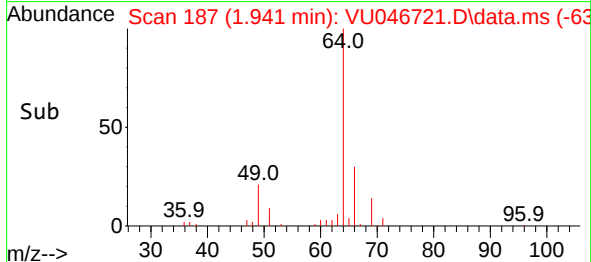
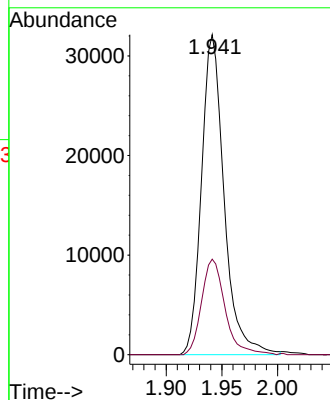
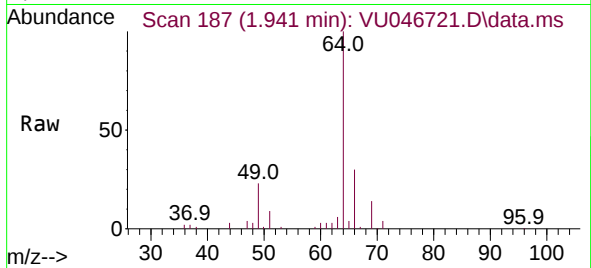




#8
Chloroethane
Concen: 53.098 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

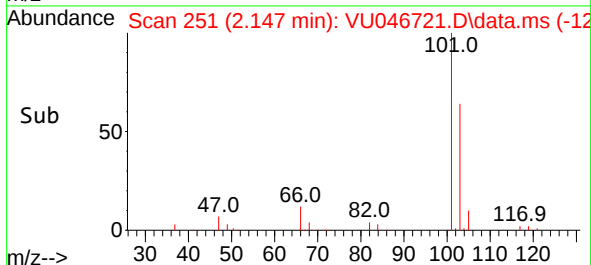
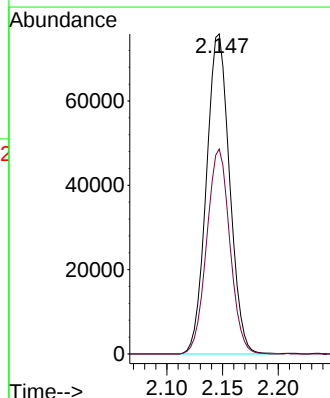
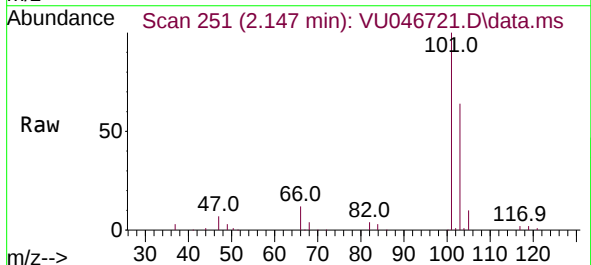
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MSVOA_U
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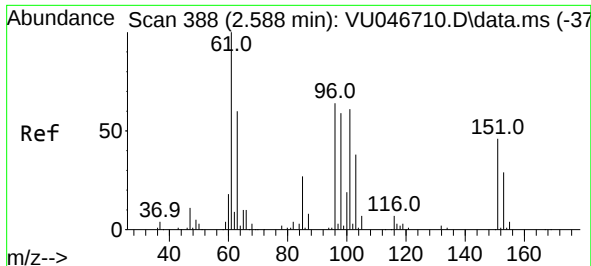
Tgt Ion: 64 Resp: 45370
Ion Ratio Lower Upper
64 100
66 29.8 24.4 45.2



#9
Trichlorofluoromethane
Concen: 53.019 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:101 Resp: 110167
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

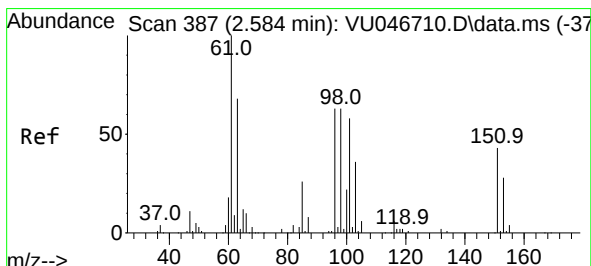
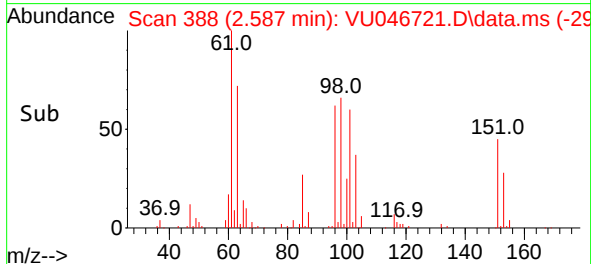
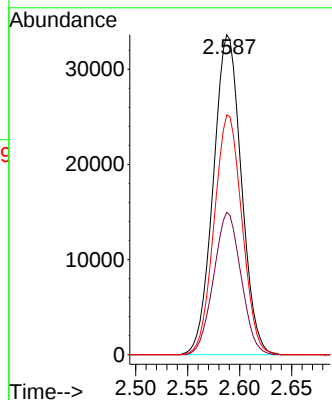
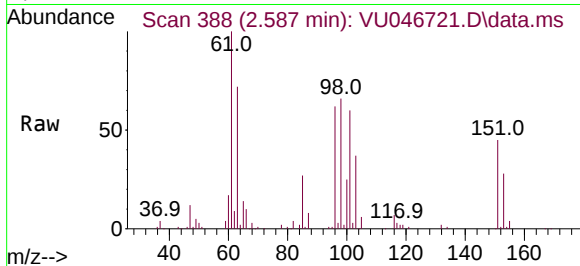




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.962 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

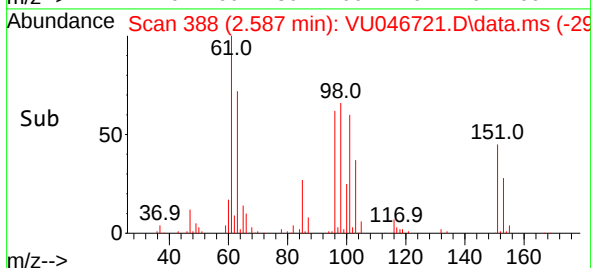
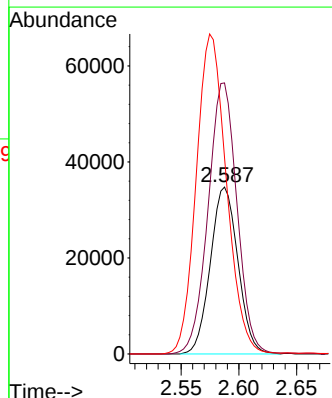
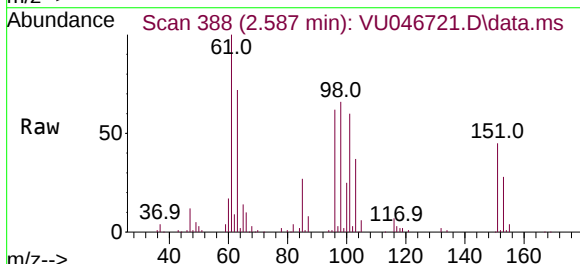
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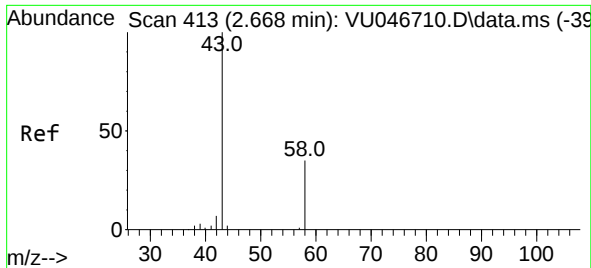
Tgt Ion:101 Resp: 63060
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.9 52.3
 151 74.6 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 52.424 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046721.D
 Acq: 11 Jan 2022 11:20

Tgt Ion: 96 Resp: 57686
 Ion Ratio Lower Upper
 96 100
 61 162.5 114.9 213.3
 63 117.8 86.0 159.8





#13

Acetone

Concen: 111.326 ug/L

RT: 2.668 min Scan# 413

Delta R.T. -0.007 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

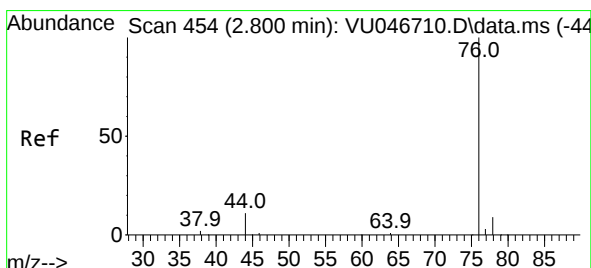
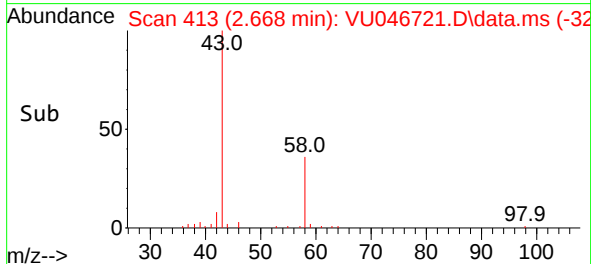
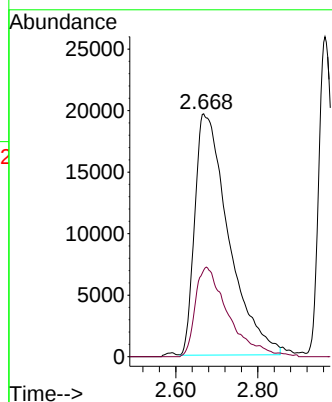
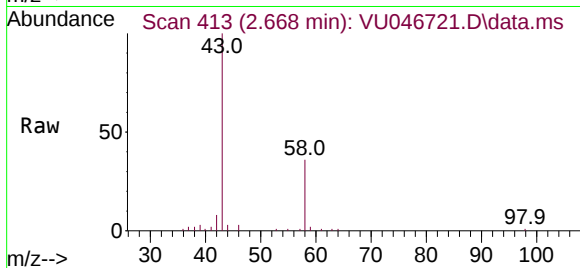
ClientSampleId :

Tgt Ion: 43 Resp: 112417

Ion Ratio Lower Upper

43 100

58 34.2 0.0 71.0



#14

Carbon disulfide

Concen: 46.296 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046721.D

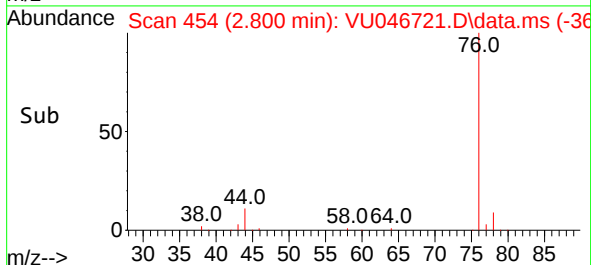
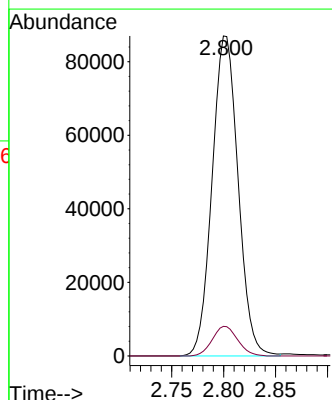
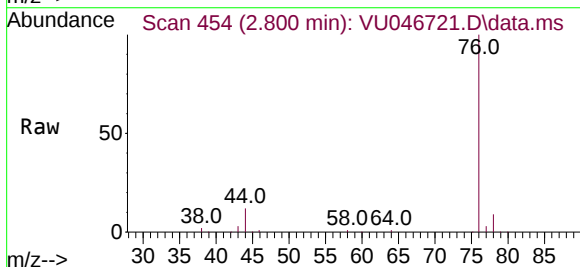
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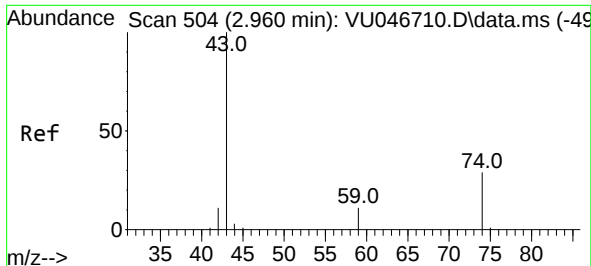
Tgt Ion: 76 Resp: 151432

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

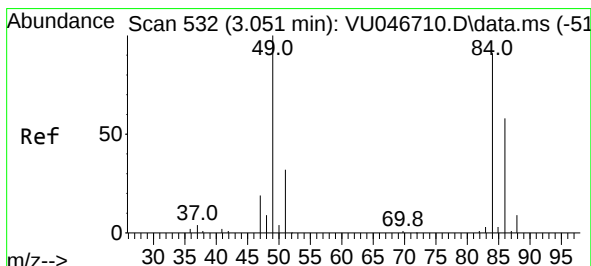
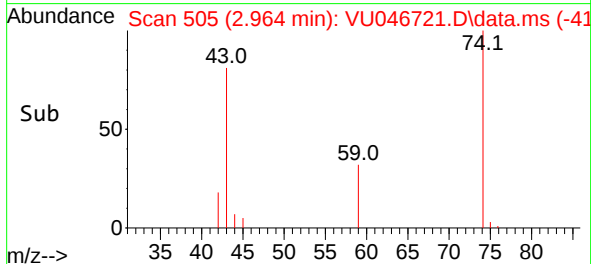
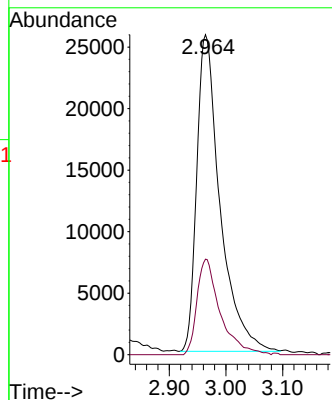
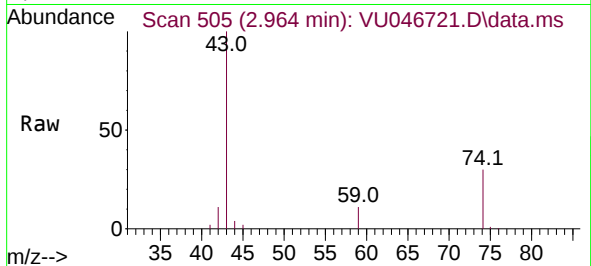




#15
Methyl Acetate
Concen: 57.040 ug/L
RT: 2.964 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

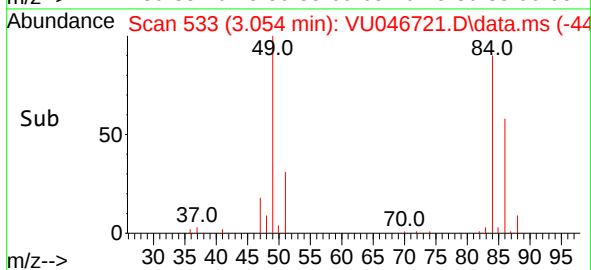
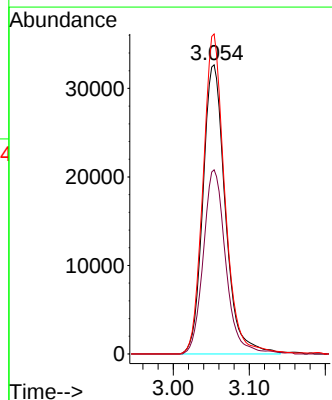
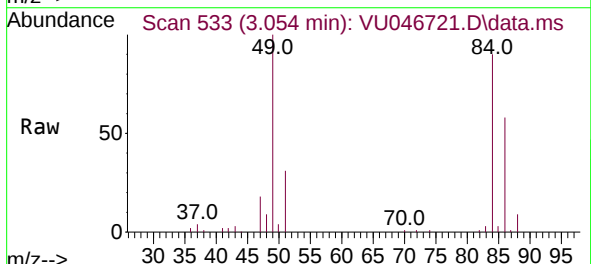
Instrument :
MSVOA_U
ClientSampleId :

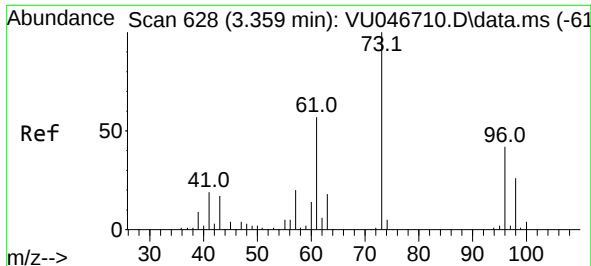
Tgt Ion: 43 Resp: 73568
Ion Ratio Lower Upper
43 100
74 29.8 22.3 33.5



#16
Methylene chloride
Concen: 49.252 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion: 84 Resp: 66760
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 110.7 75.9 141.1

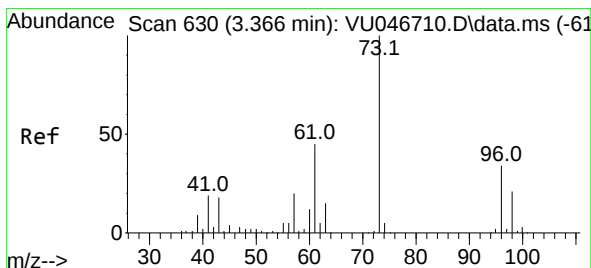
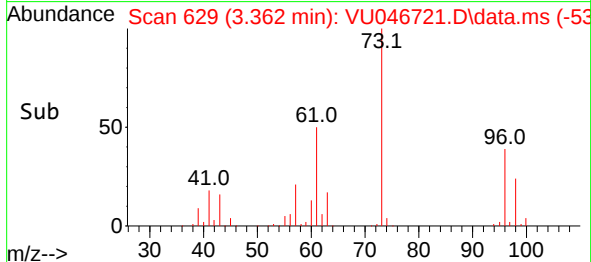
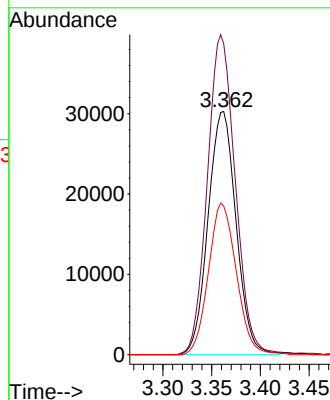
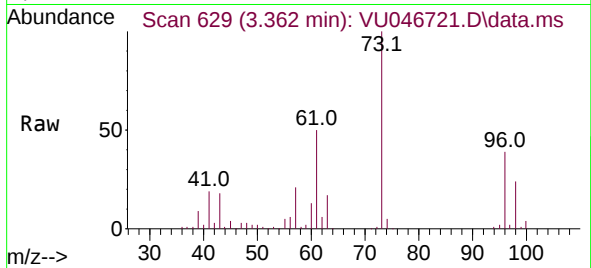




#17
trans-1,2-Dichloroethene
Concen: 52.675 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

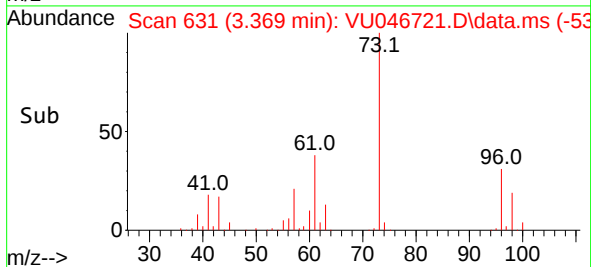
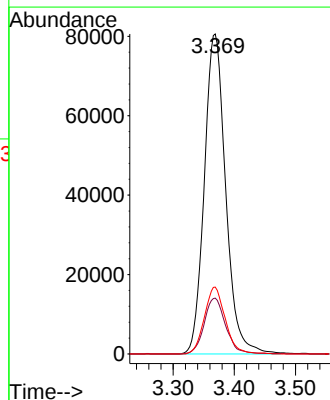
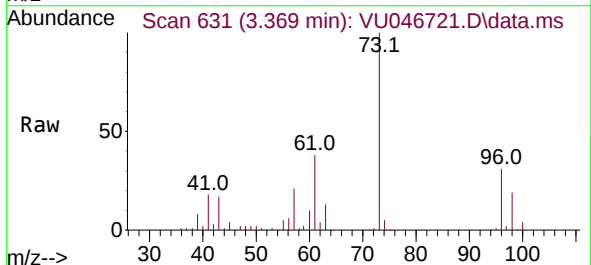
Instrument :
MSVOA_U
ClientSampleId :

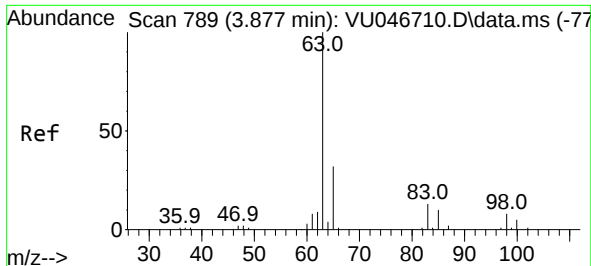
Tgt Ion: 96 Resp: 60600
Ion Ratio Lower Upper
96 100
61 127.8 92.5 171.9
98 61.1 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 57.426 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion: 73 Resp: 196287
Ion Ratio Lower Upper
73 100
43 17.5 14.1 21.1
57 20.3 16.4 24.6





#19

1,1-Dichloroethane

Concen: 53.183 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

ClientSampleId :

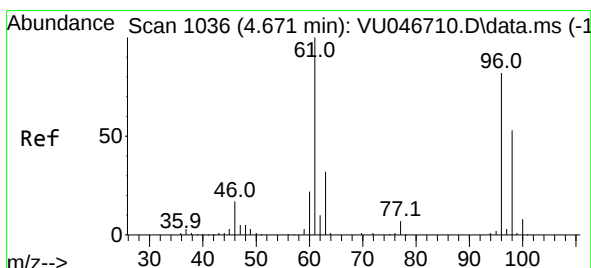
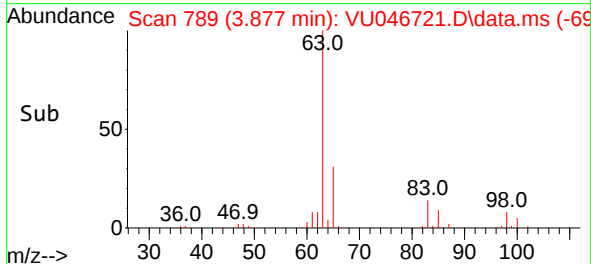
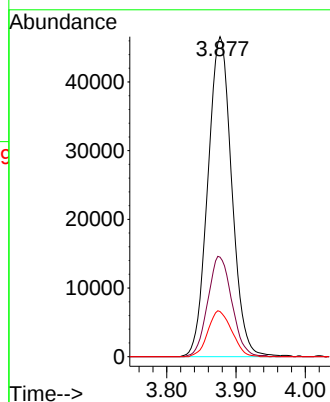
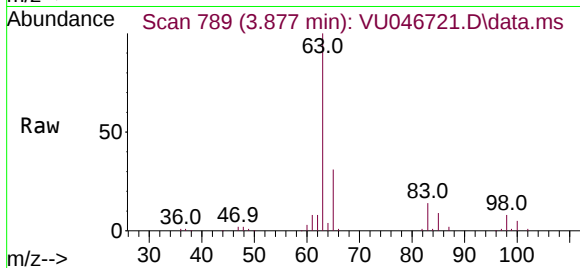
Tgt Ion: 63 Resp: 111588

Ion Ratio Lower Upper

63 100

65 31.1 22.8 42.4

83 14.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 54.519 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

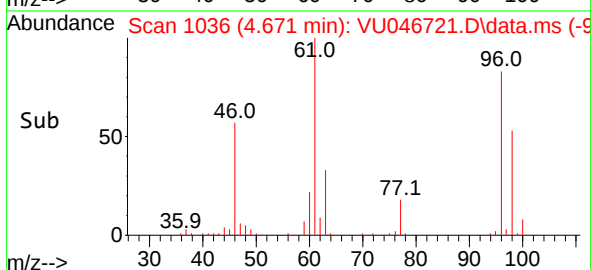
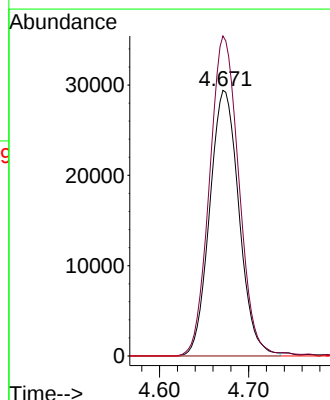
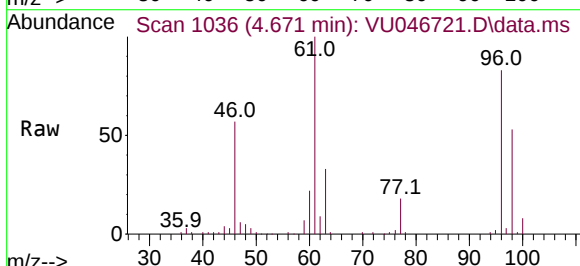
Tgt Ion: 96 Resp: 67221

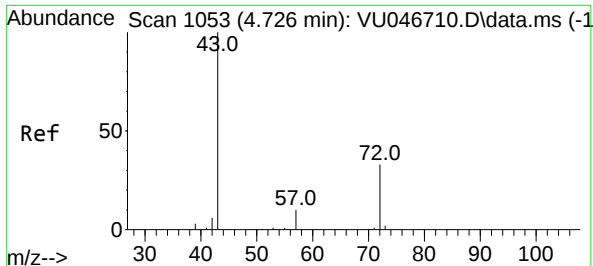
Ion Ratio Lower Upper

96 100

61 120.5 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 112.807 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

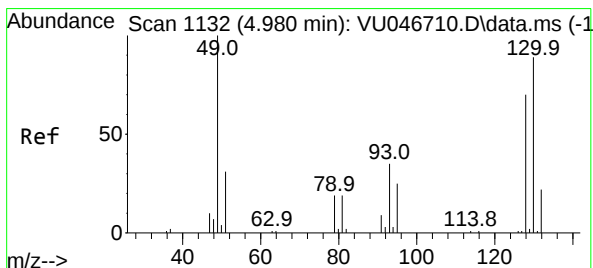
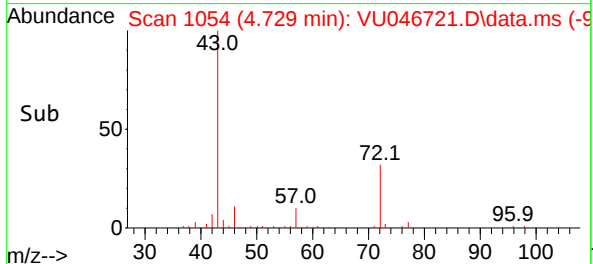
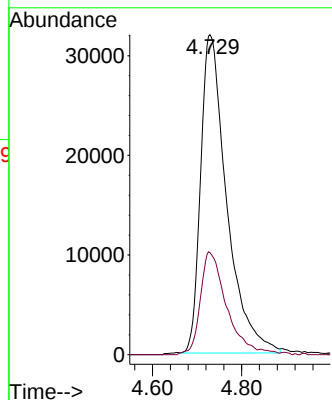
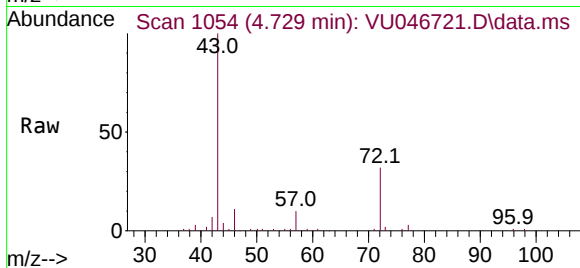
ClientSampleId :

Tgt Ion: 43 Resp: 129863

Ion Ratio Lower Upper

43 100

72 31.7 15.6 46.8



#23

Bromochloromethane

Concen: 54.153 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Tgt Ion:128 Resp: 35691

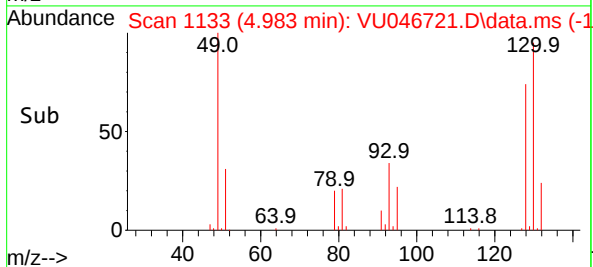
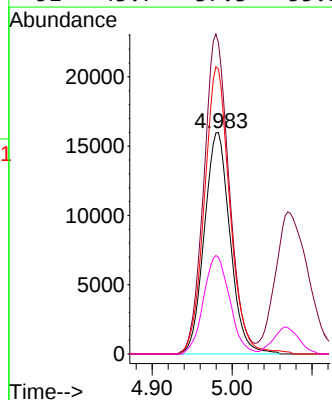
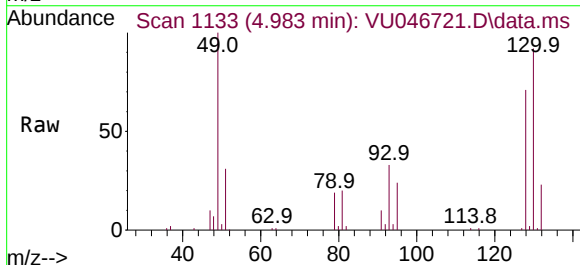
Ion Ratio Lower Upper

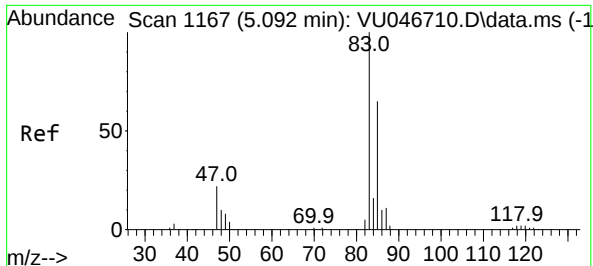
128 100

49 140.6 105.4 195.8

130 128.6 88.7 164.7

51 43.7 37.3 55.9





#25

Chloroform

Concen: 54.200 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

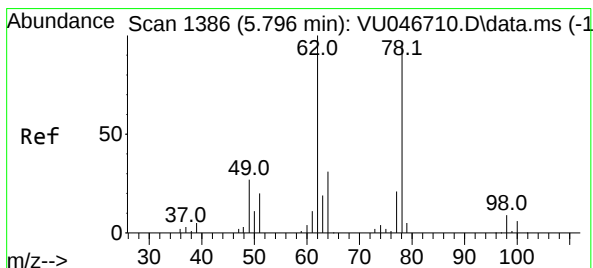
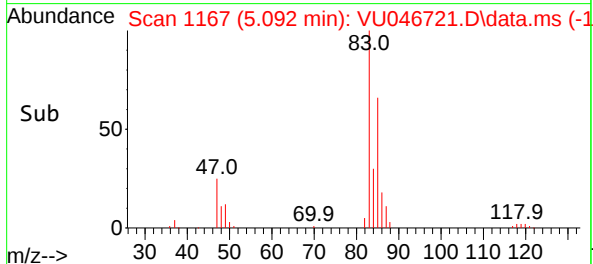
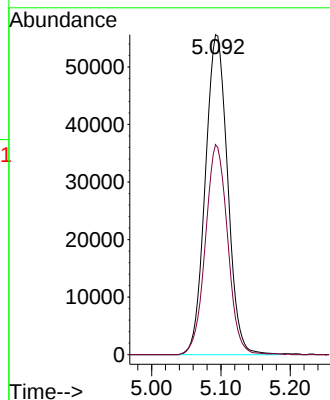
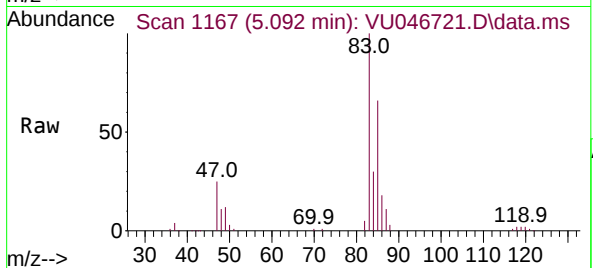
ClientSampleId :

Tgt Ion: 83 Resp: 124213

Ion Ratio Lower Upper

83 100

85 65.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 54.180 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046721.D

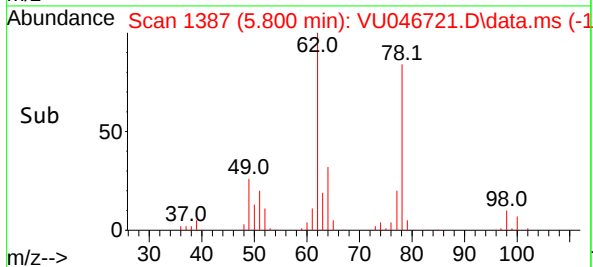
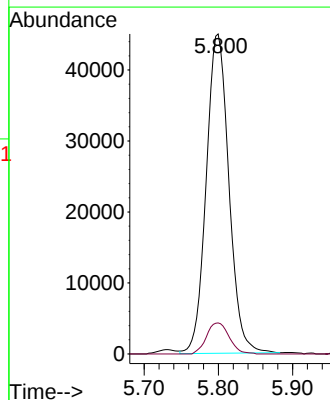
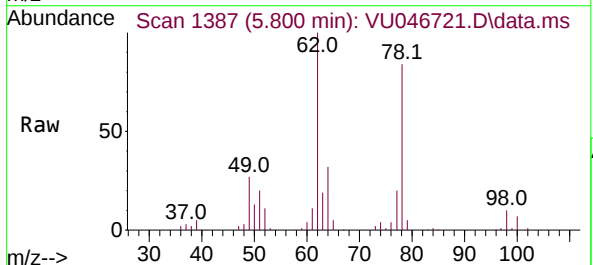
Acq: 11 Jan 2022 11:20

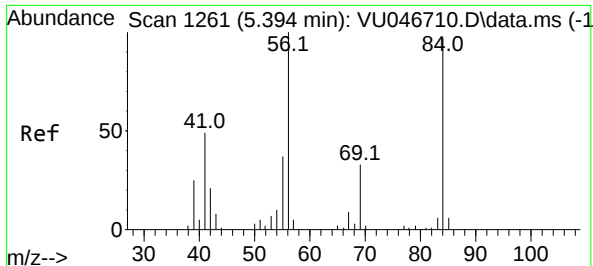
Tgt Ion: 62 Resp: 95399

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5





#29

Cyclohexane

Concen: 50.876 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046721.D

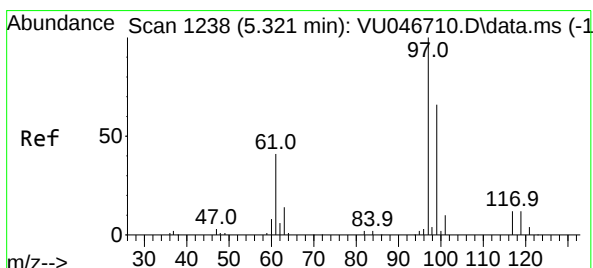
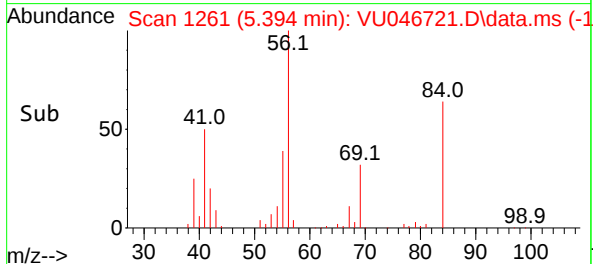
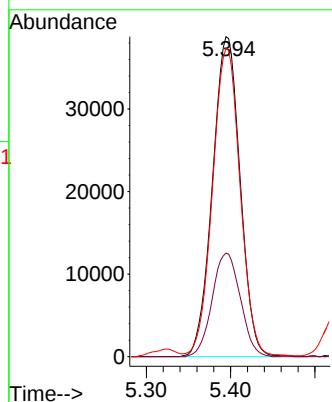
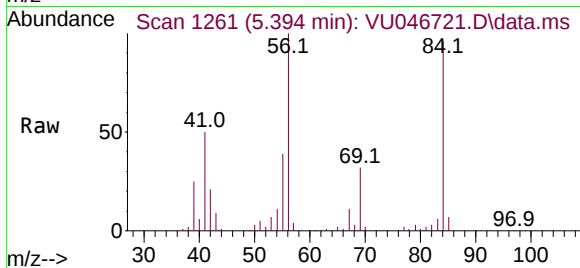
Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 88001
Ion Ratio	Lower Upper
56	100
69	33.1 25.8 38.6
84	96.8 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 54.188 ug/L

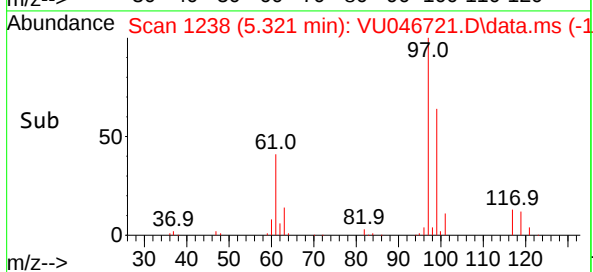
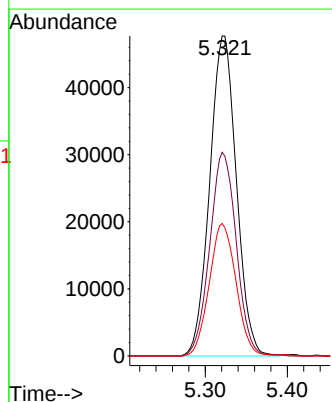
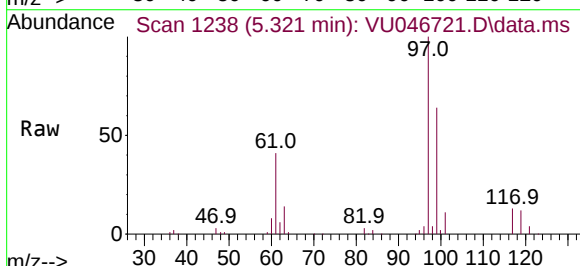
RT: 5.321 min Scan# 1238

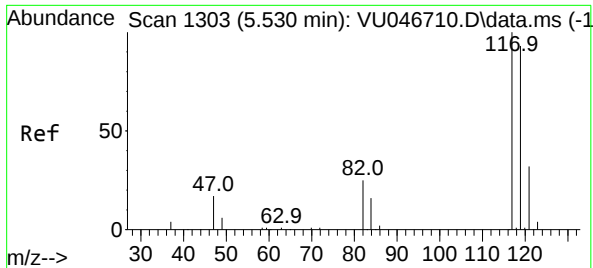
Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Tgt Ion: 97	Resp: 107862
Ion Ratio	Lower Upper
97	100
99	63.4 51.1 76.7
61	41.5 34.1 51.1

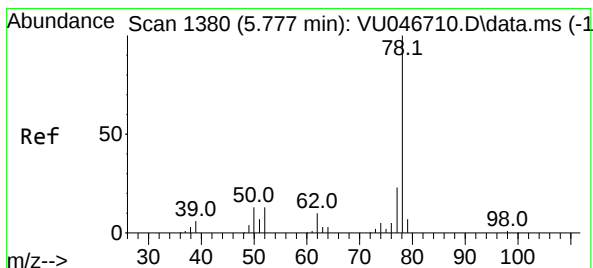
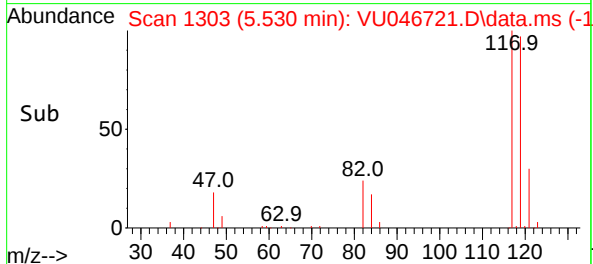
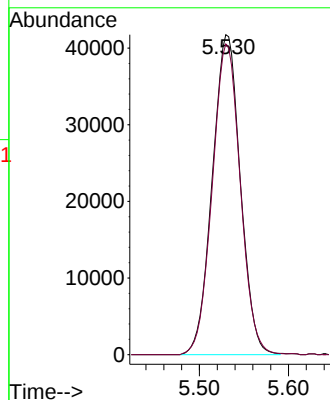
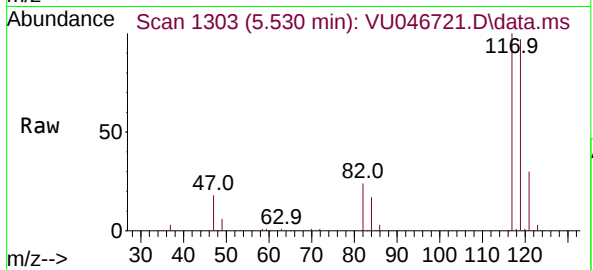




#31
Carbon tetrachloride
Concen: 52.888 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

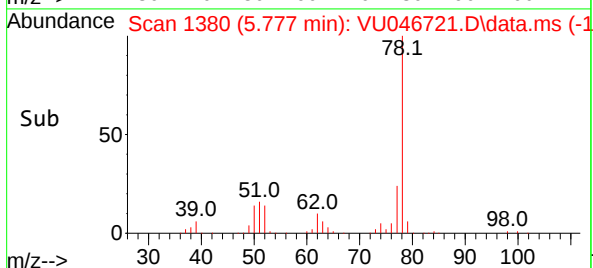
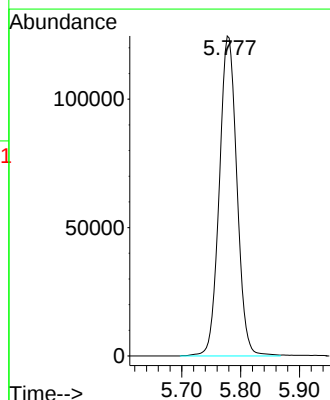
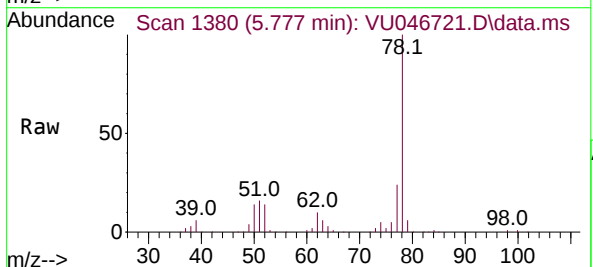
Instrument :
MSVOA_U
ClientSampleId :

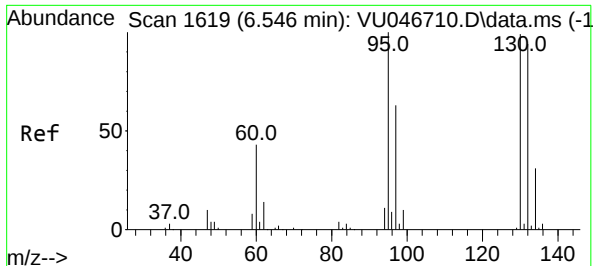
Tgt Ion:117 Resp: 91190
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 53.527 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

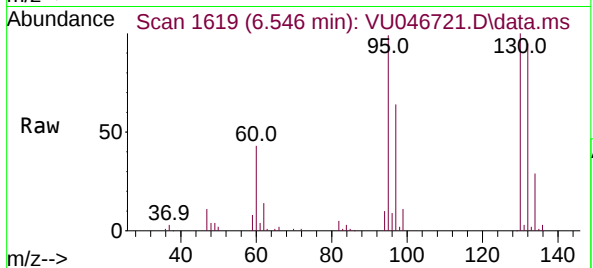
Tgt Ion: 78 Resp: 259071



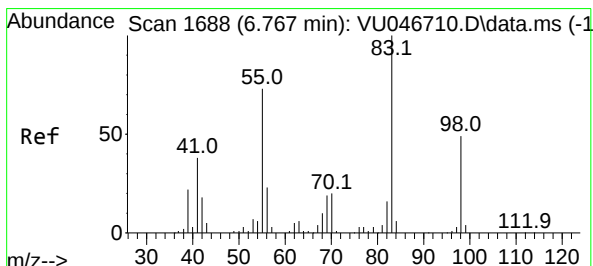
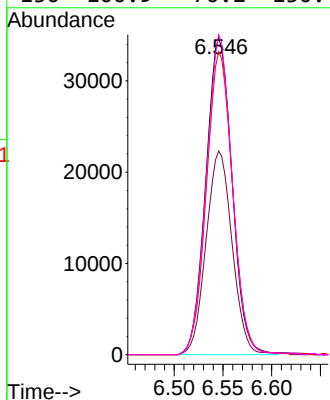
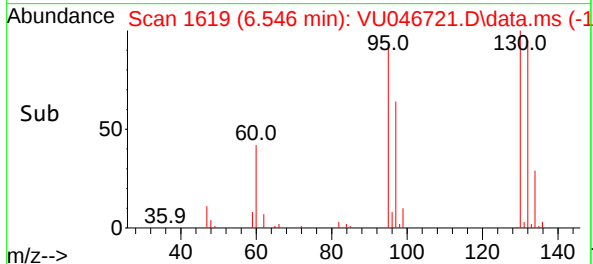


#34
Trichloroethene
Concen: 51.180 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

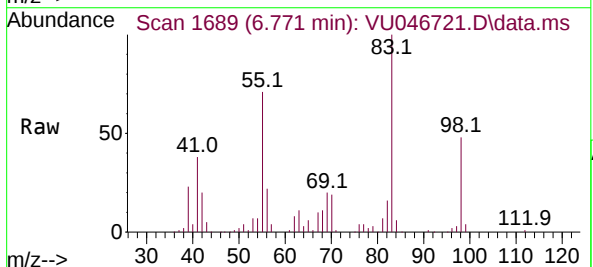
Instrument :
MSVOA_U
ClientSampleId :



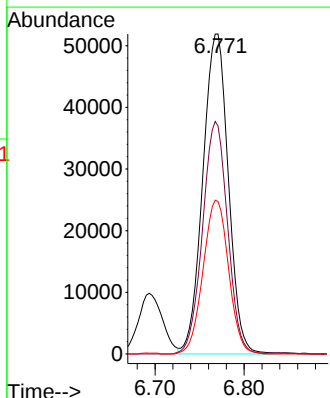
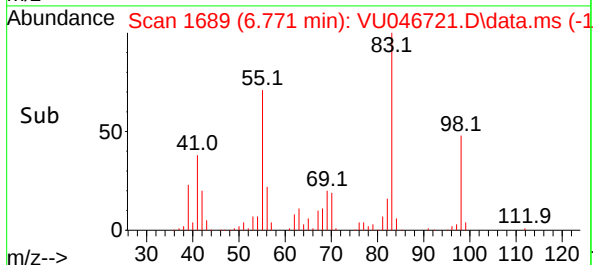
Tgt Ion: 95 Resp: 64973
Ion Ratio Lower Upper
95 100
97 64.2 45.1 83.7
132 95.5 66.7 123.9
130 100.9 70.2 130.4

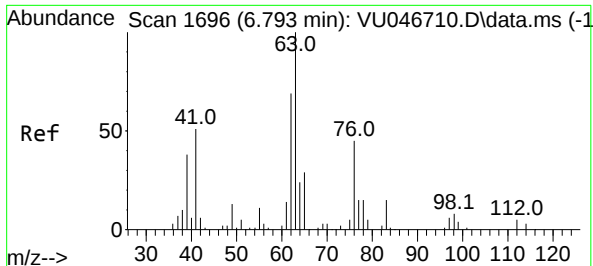


#35
Methylcyclohexane
Concen: 52.428 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20



Tgt Ion: 83 Resp: 103358
Ion Ratio Lower Upper
83 100
55 71.1 56.6 85.0
98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 53.136 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

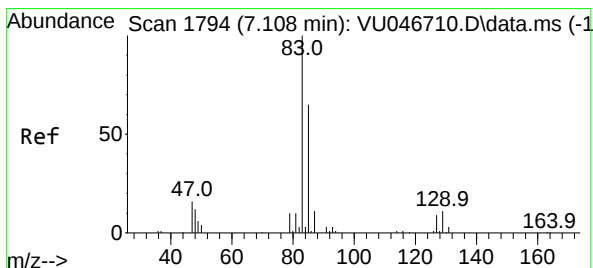
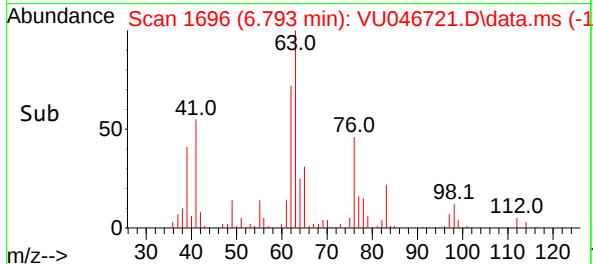
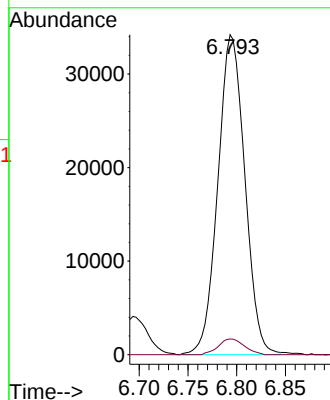
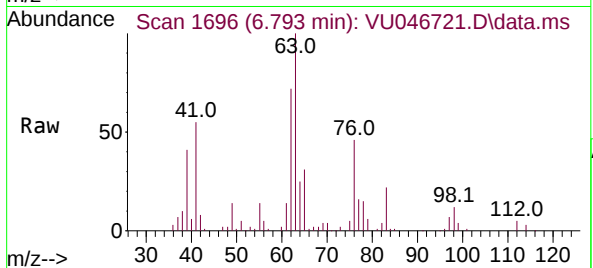
ClientSampleId :

Tgt Ion: 63 Resp: 65808

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 54.134 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

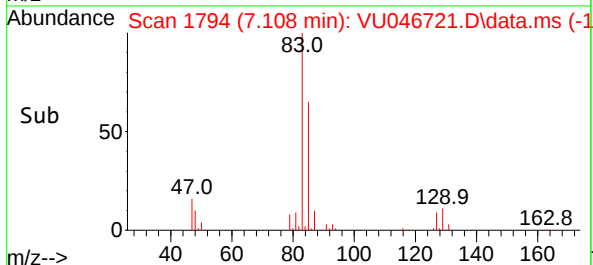
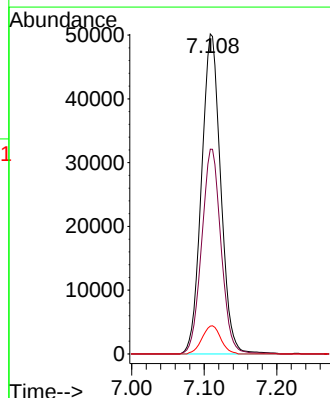
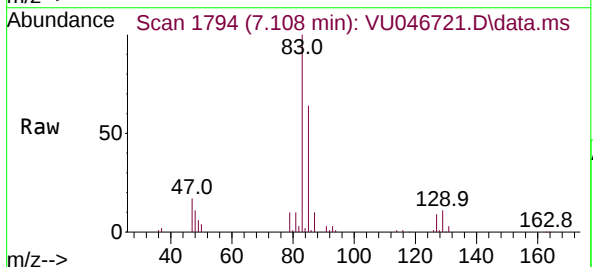
Tgt Ion: 83 Resp: 92200

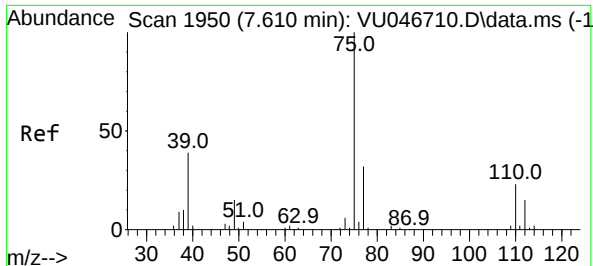
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 54.577 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

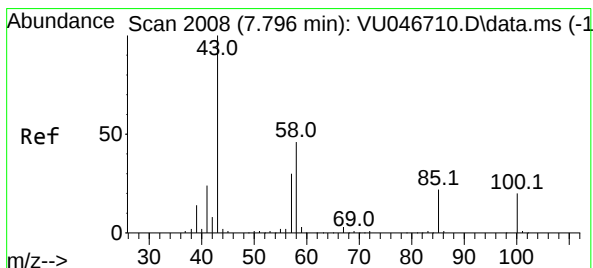
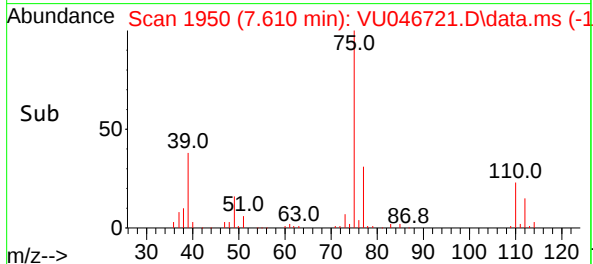
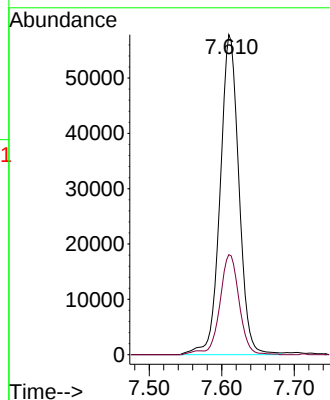
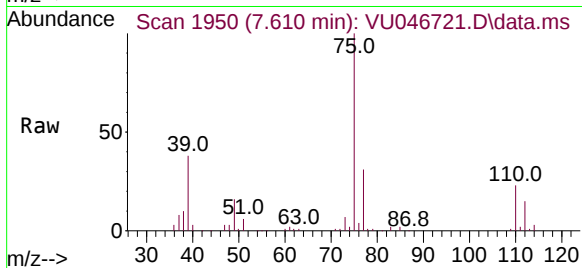
ClientSampleId :

Tgt Ion: 75 Resp: 104010

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 116.624 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

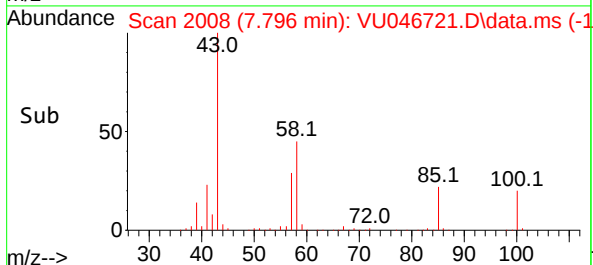
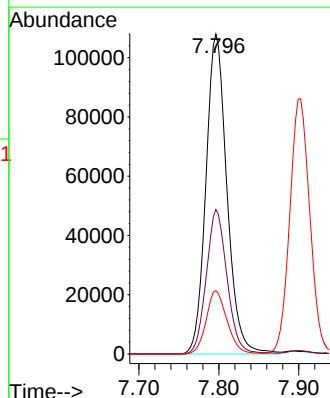
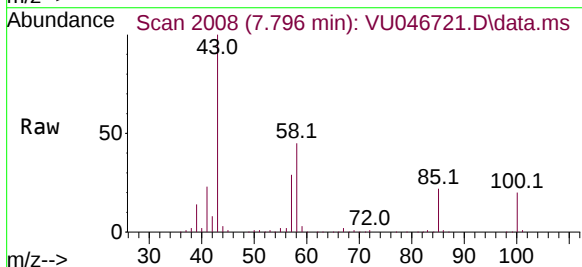
Tgt Ion: 43 Resp: 197457

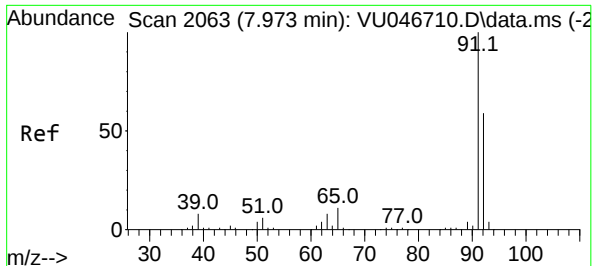
Ion Ratio Lower Upper

43 100

58 44.7 35.8 53.8

100 19.7 15.7 23.5





#42

Toluene

Concen: 56.269 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

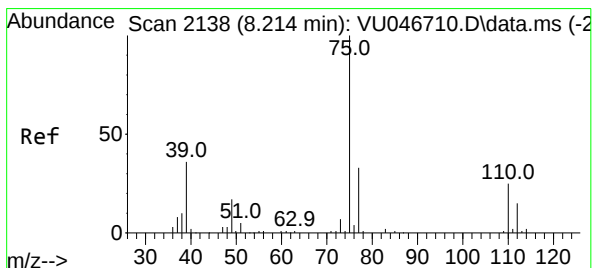
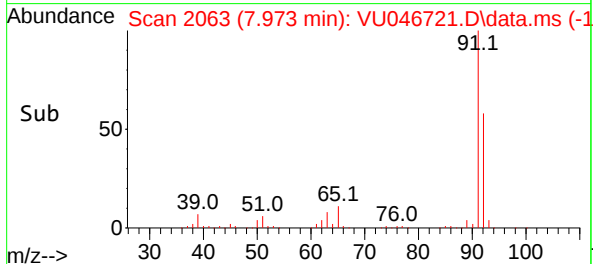
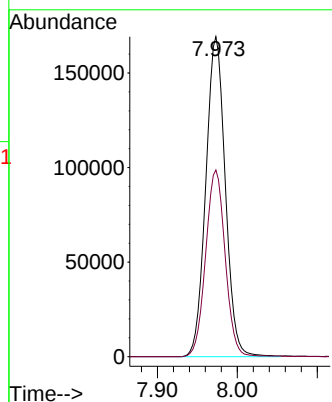
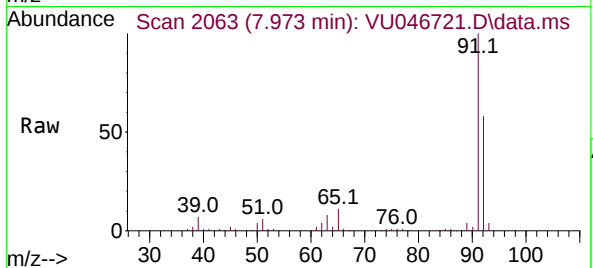
ClientSampleId :

Tgt Ion: 91 Resp: 287225

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.320 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046721.D

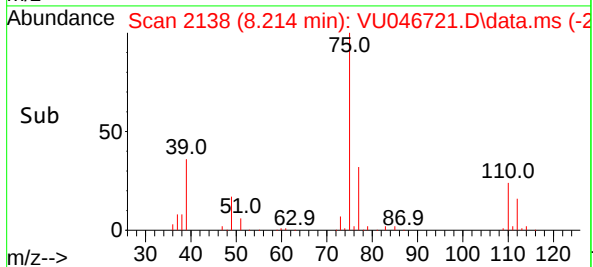
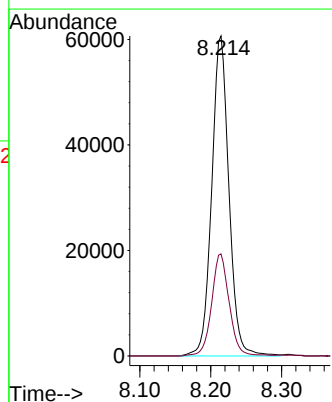
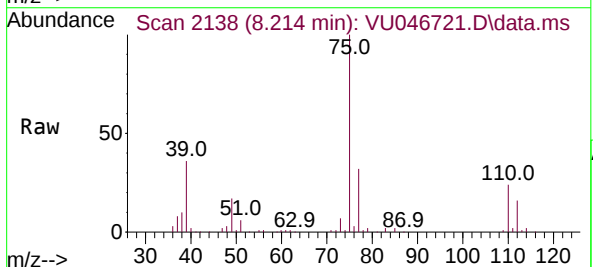
Acq: 11 Jan 2022 11:20

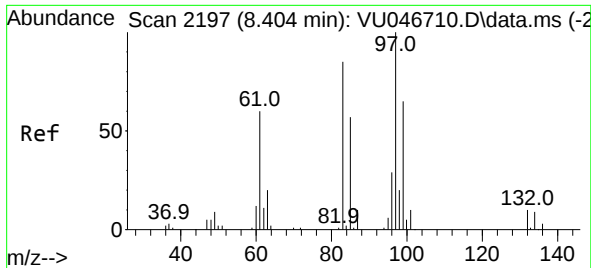
Tgt Ion: 75 Resp: 102281

Ion Ratio Lower Upper

75 100

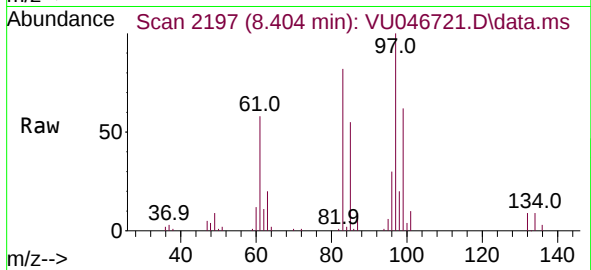
77 31.9 23.0 42.8



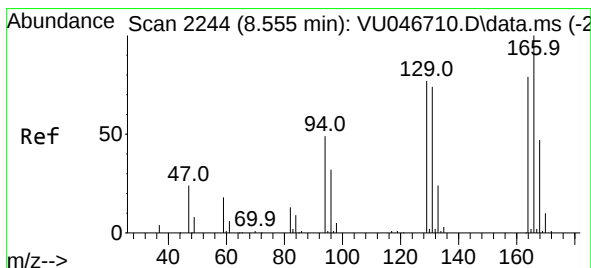
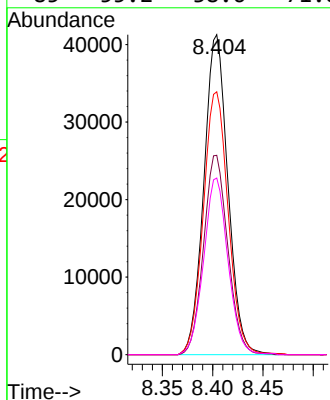
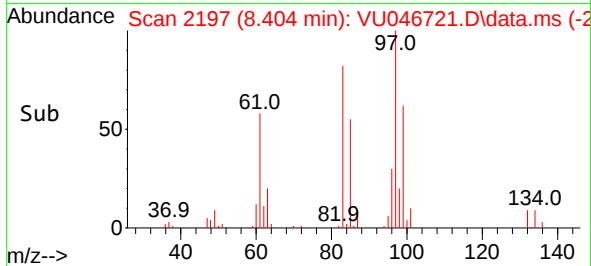


#45
1,1,2-Trichloroethane
Concen: 54.266 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

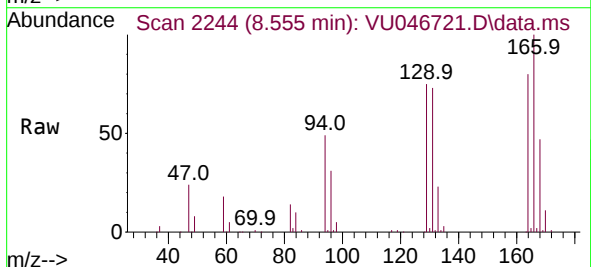
Instrument :
MSVOA_U
ClientSampleId :



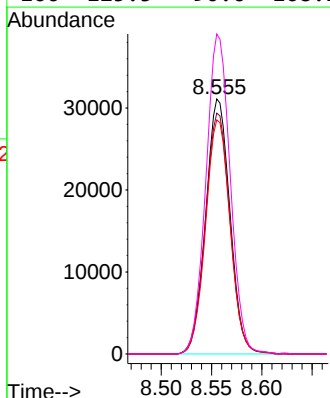
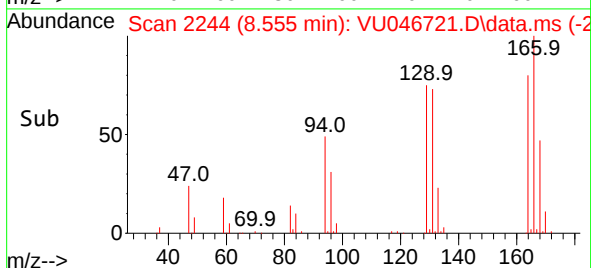
Tgt Ion: 97	Resp: 68669
Ion Ratio	Lower Upper
97 100	
99 62.3	42.4 78.8
83 82.1	59.4 110.4
85 55.2	38.6 71.8

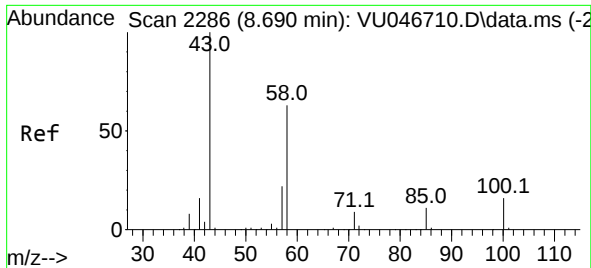


#46
Tetrachloroethene
Concen: 54.168 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20



Tgt	Ion:164	Resp:	52174
Ion	Ratio	Lower	Upper
164	100		
129	94.4	69.5	129.1
131	91.8	67.0	124.4
166	125.5	90.6	168.2

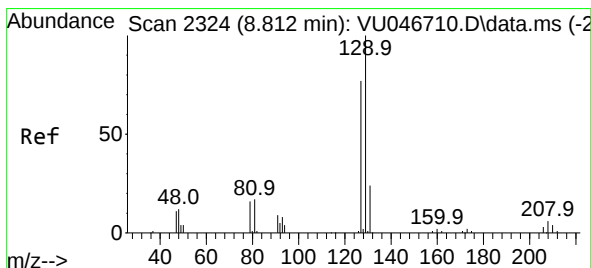
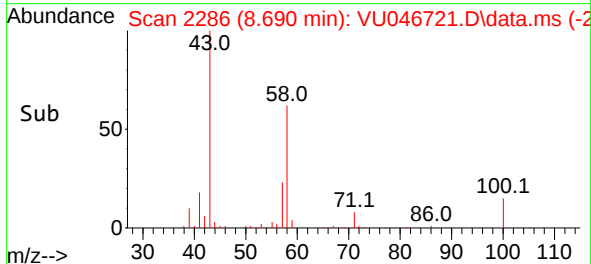
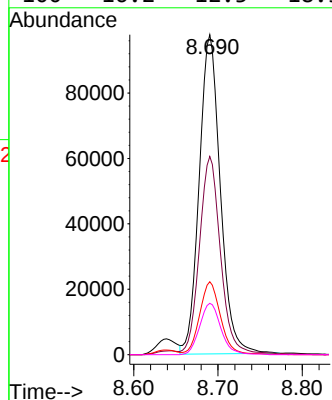
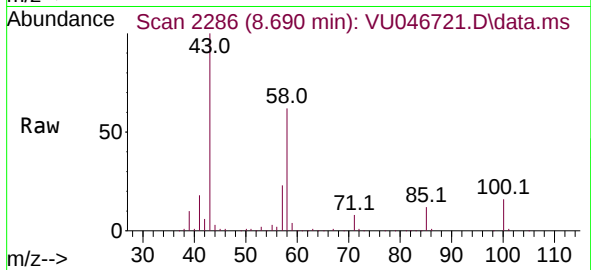




#48
2-Hexanone
Concen: 118.828 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

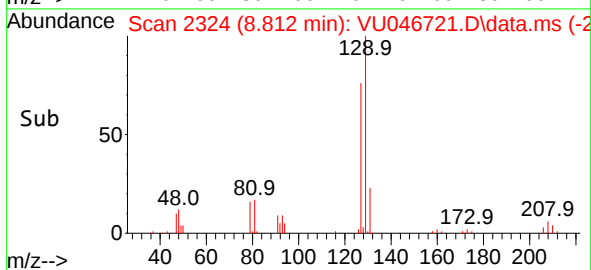
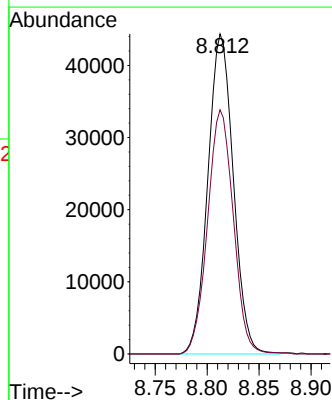
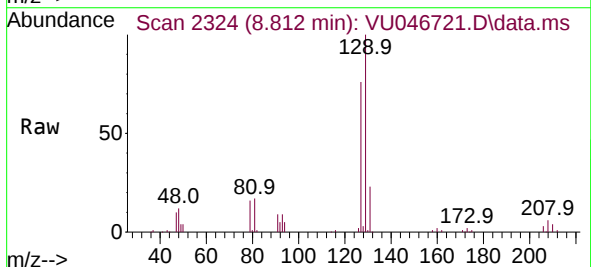
Instrument :
MSVOA_U
ClientSampleId :

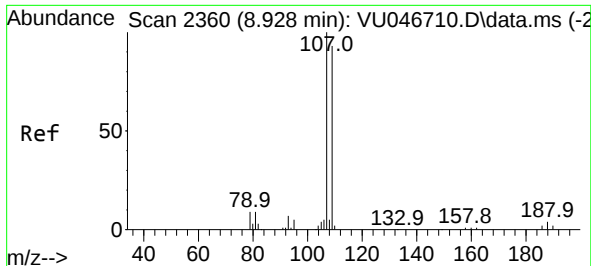
Tgt Ion: 43	Resp: 170526
Ion Ratio	Lower Upper
43 100	
58 61.6	49.4 74.2
57 22.5	17.5 26.3
100 16.2	12.3 18.5



#49
Dibromochloromethane
Concen: 54.433 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:129	Resp: 75651		
Ion Ratio	Lower	Upper	
129 100			
127 76.3	54.5	101.3	

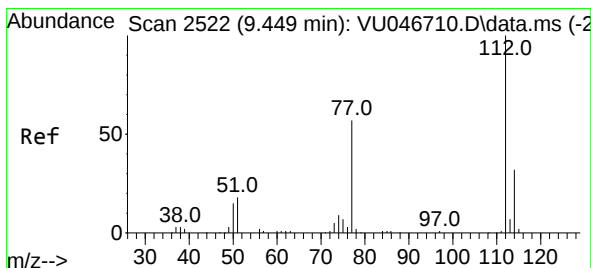
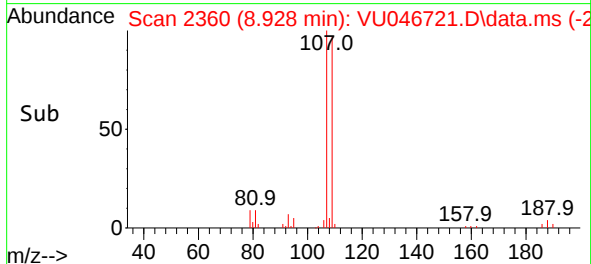
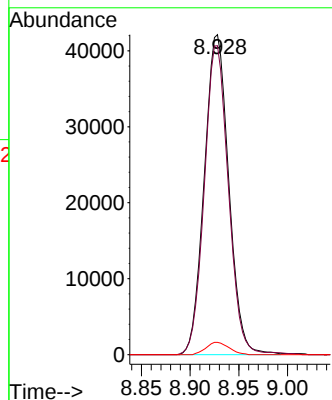
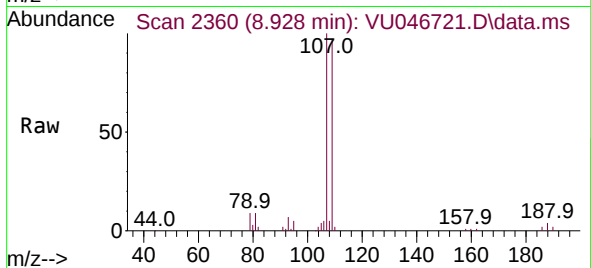




#50
1,2-Dibromoethane
Concen: 55.945 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

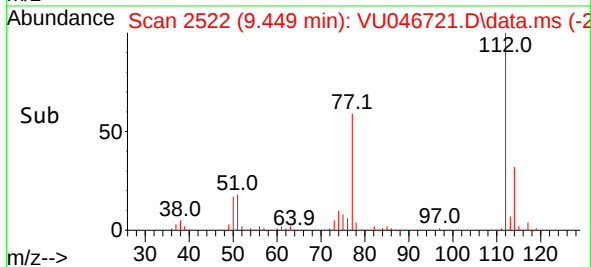
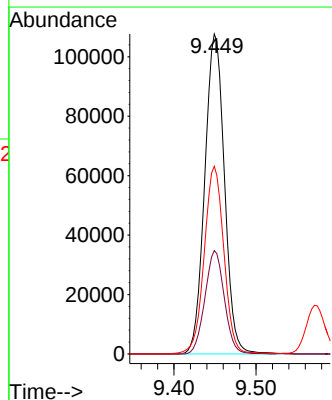
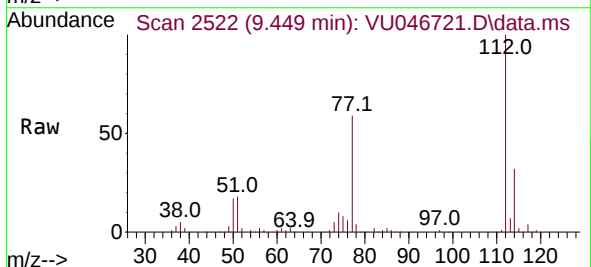
Instrument :
MSVOA_U
ClientSampleId :

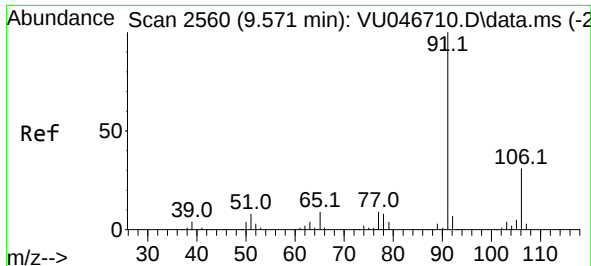
Tgt Ion:107 Resp: 73793
Ion Ratio Lower Upper
107 100
109 96.6 65.6 121.8
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 54.167 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:112 Resp: 179721
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 58.6 46.5 69.7





#52

Ethylbenzene

Concen: 55.518 ug/L

RT: 9.574 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

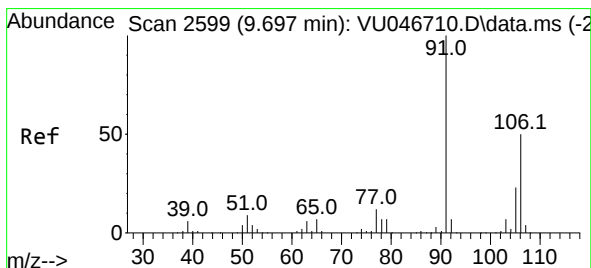
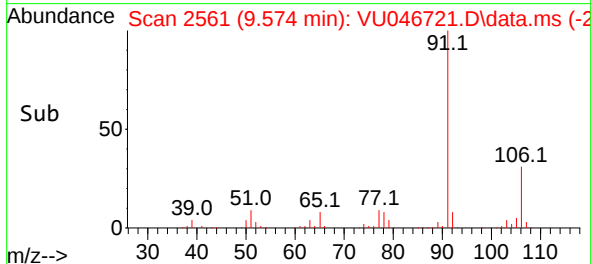
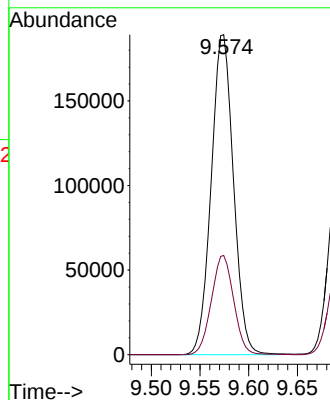
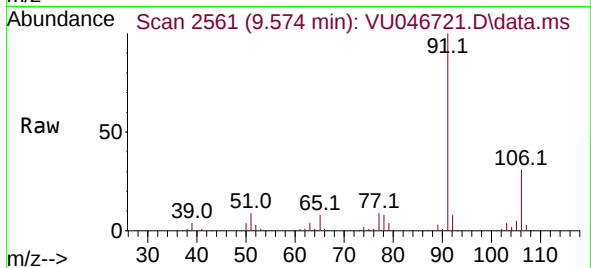
ClientSampleId :

Tgt Ion: 91 Resp: 300650

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.4



#53

m,p-Xylene

Concen: 57.027 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU046721.D

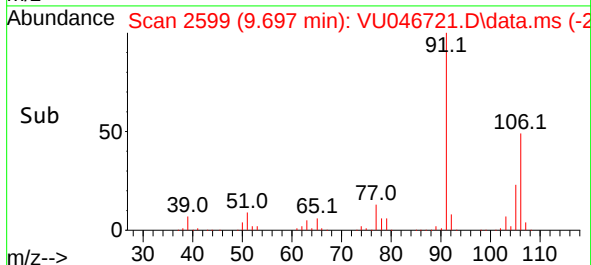
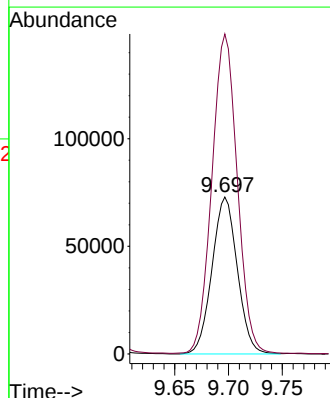
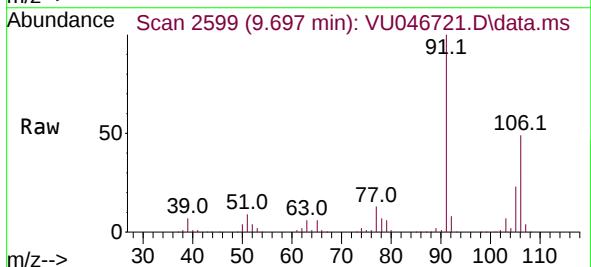
Acq: 11 Jan 2022 11:20

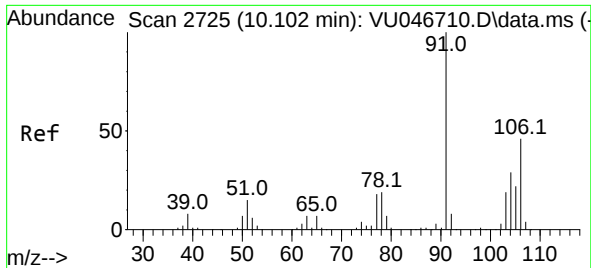
Tgt Ion:106 Resp: 119270

Ion Ratio Lower Upper

106 100

91 203.8 145.5 270.1

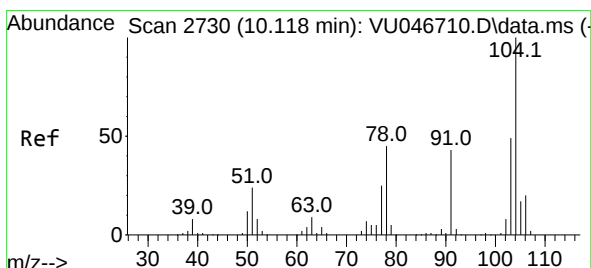
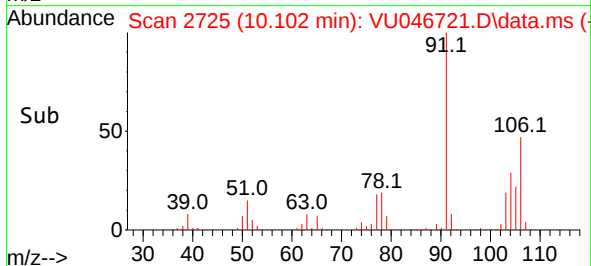
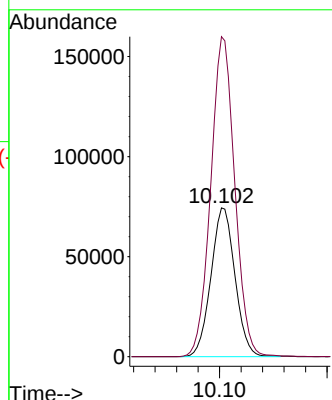
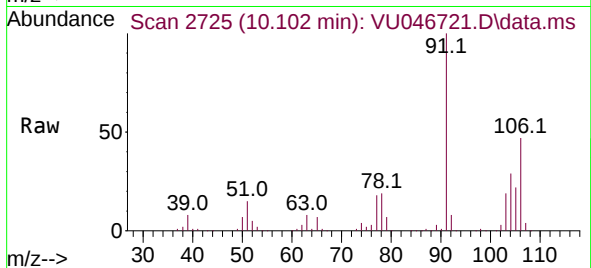




#54
o-xylene
Concen: 57.751 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

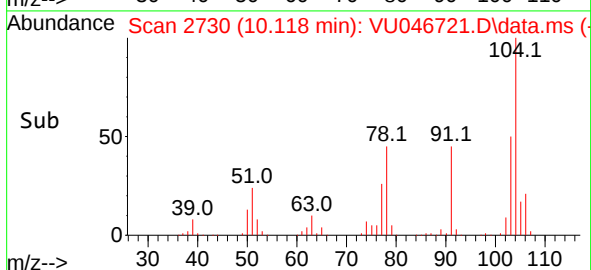
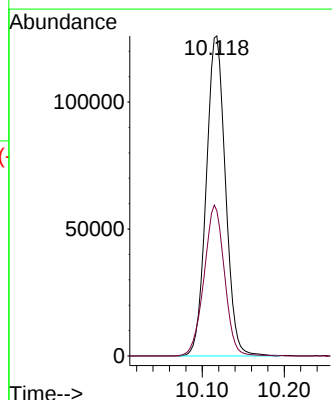
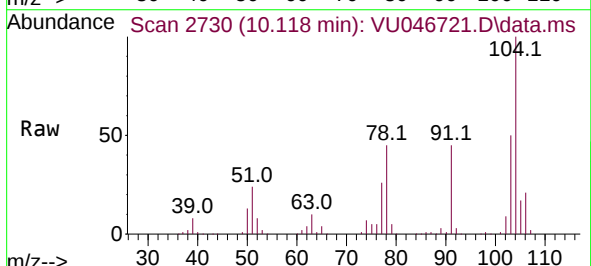
Instrument :
MSVOA_U
ClientSampleId :

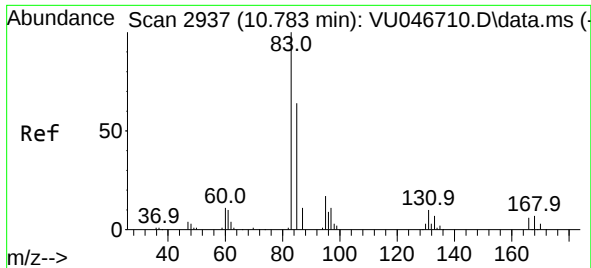
Tgt Ion:106 Resp: 115499
Ion Ratio Lower Upper
106 100
91 215.0 152.0 282.2



#55
Styrene
Concen: 58.606 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:104 Resp: 205113
Ion Ratio Lower Upper
104 100
78 45.4 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 56.033 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

ClientSampleId :

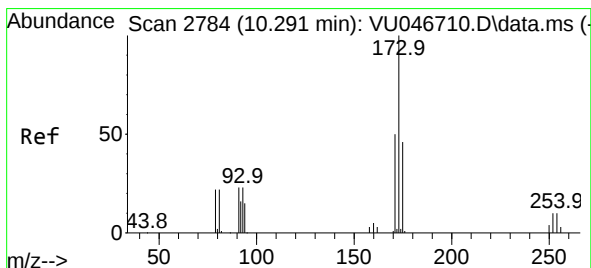
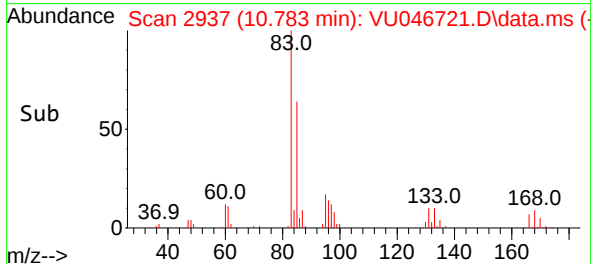
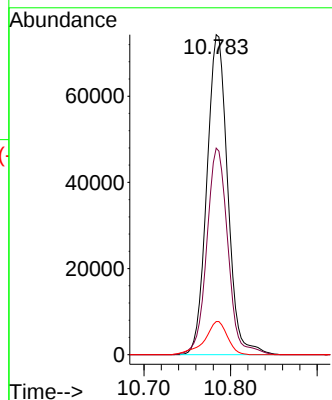
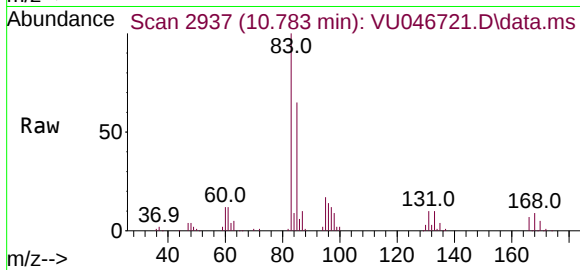
Tgt Ion: 83 Resp: 124009

Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

131 10.4 7.8 11.6



#59

Bromoform

Concen: 54.232 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

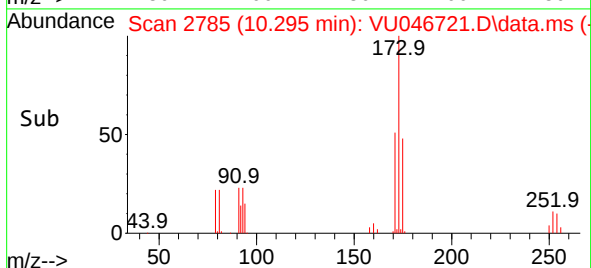
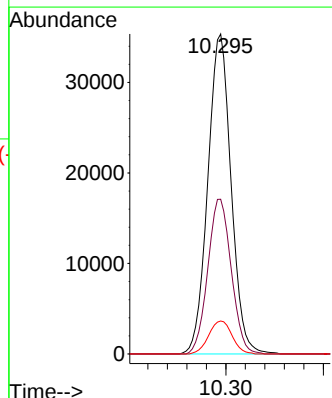
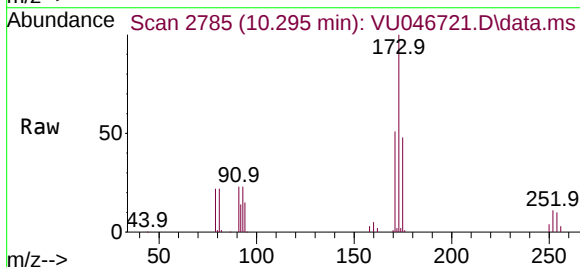
Tgt Ion:173 Resp: 58617

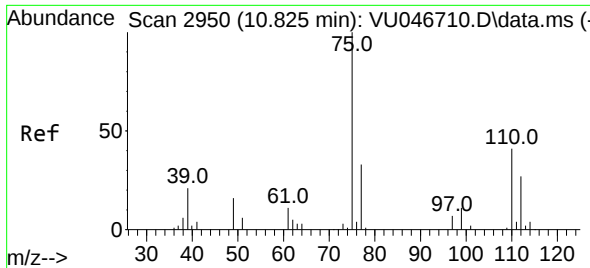
Ion Ratio Lower Upper

173 100

175 48.7 37.6 56.4

254 10.4 8.1 12.1

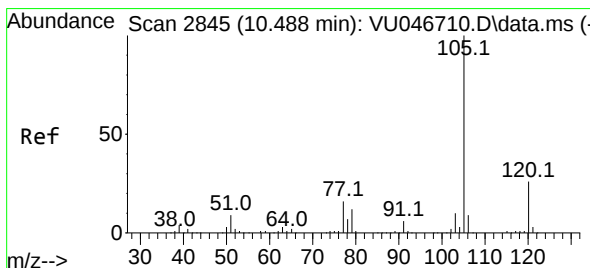
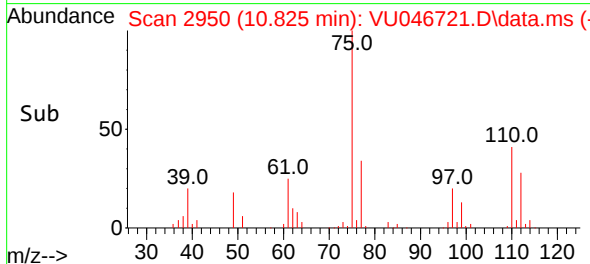
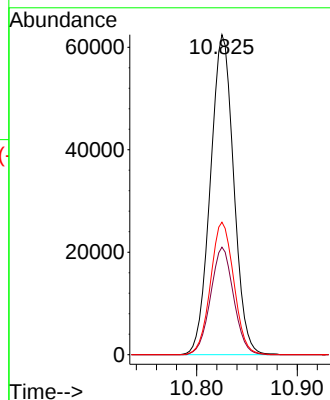
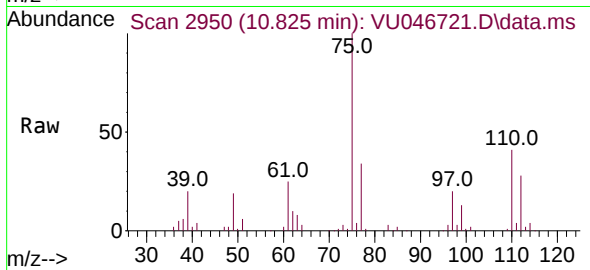




#60
1,2,3-Trichloropropane
Concen: 53.778 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

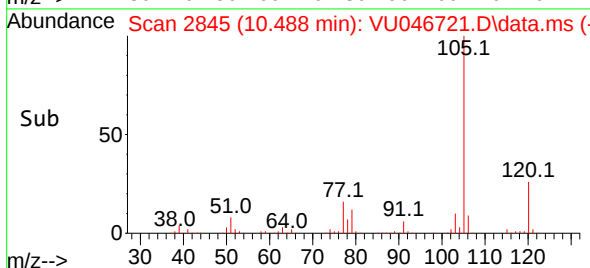
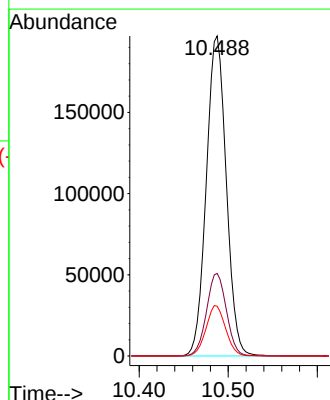
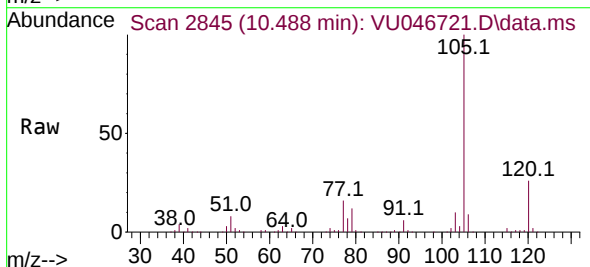
Instrument :
MSVOA_U
ClientSampleId :

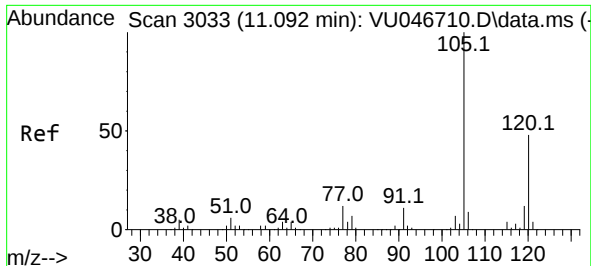
Tgt Ion: 75 Resp: 100656
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 41.4 32.5 48.7



#61
Isopropylbenzene
Concen: 56.329 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion: 105 Resp: 306048
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.5 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 57.541 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

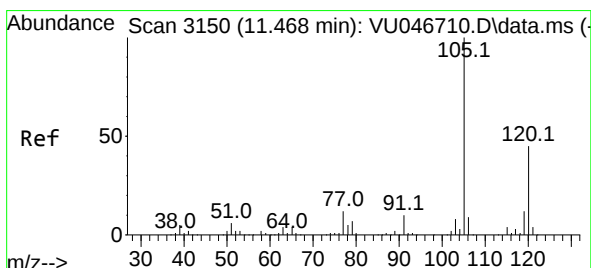
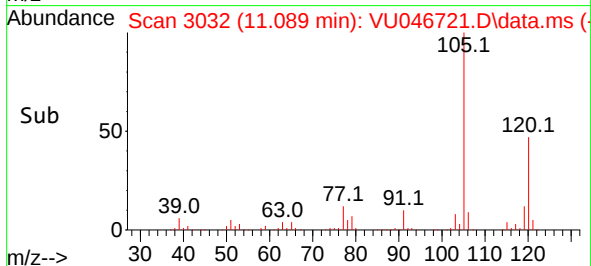
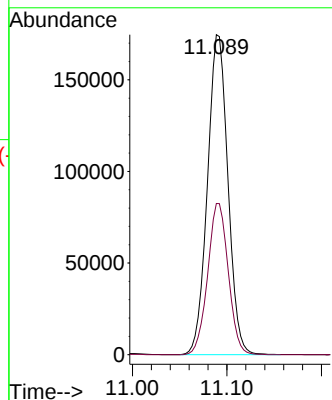
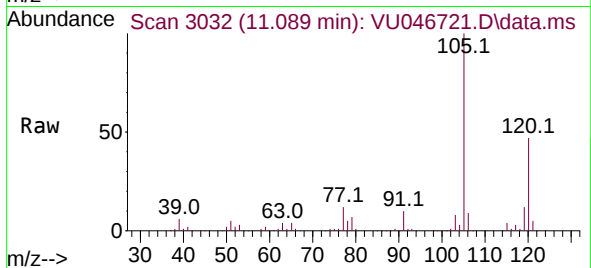
ClientSampleId :

Tgt Ion:105 Resp: 262808

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 58.502 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046721.D

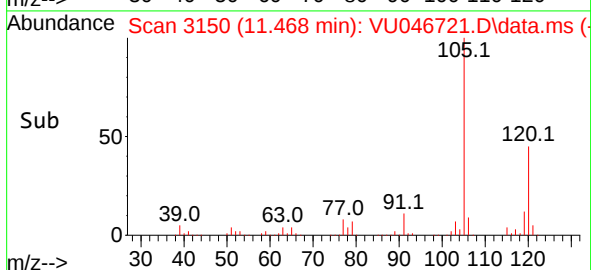
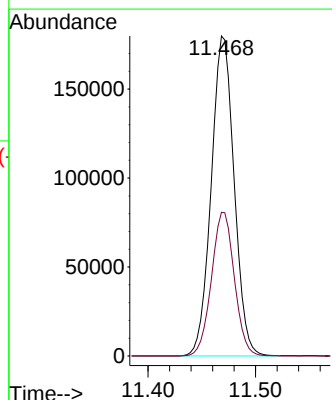
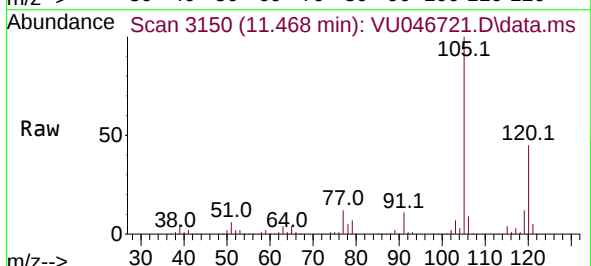
Acq: 11 Jan 2022 11:20

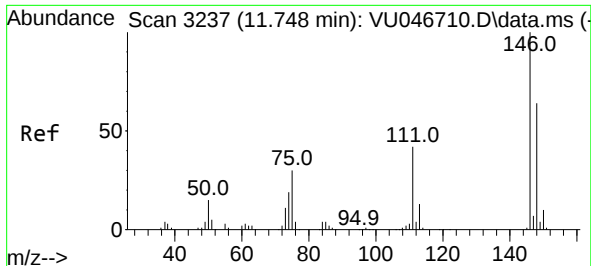
Tgt Ion:105 Resp: 266231

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.2

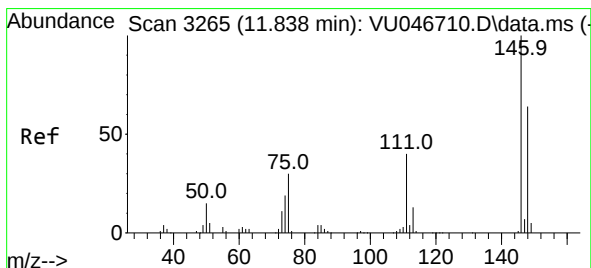
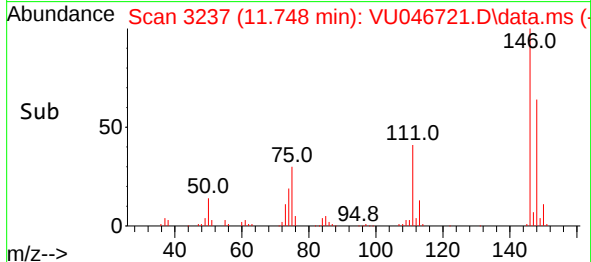
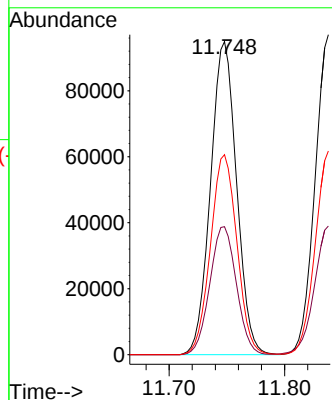
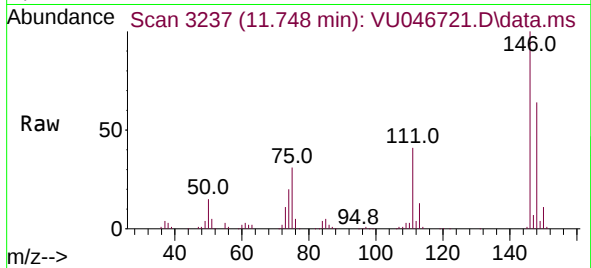




#64
1,3-Dichlorobenzene
Concen: 54.589 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

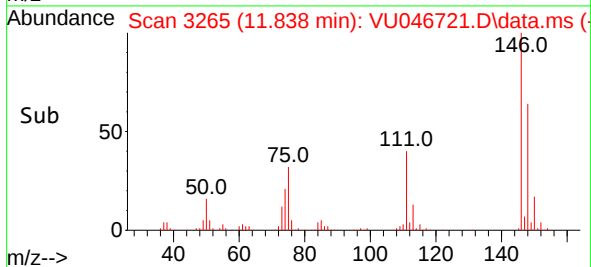
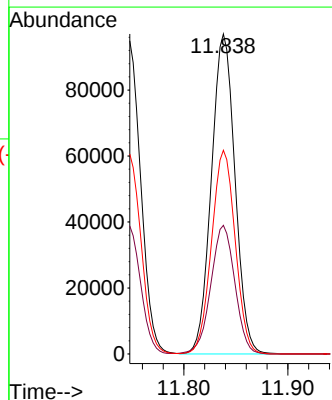
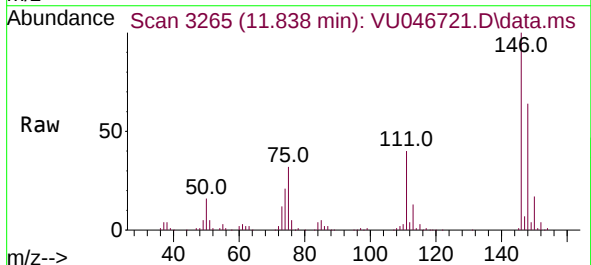
Instrument :
MSVOA_U
ClientSampleId :

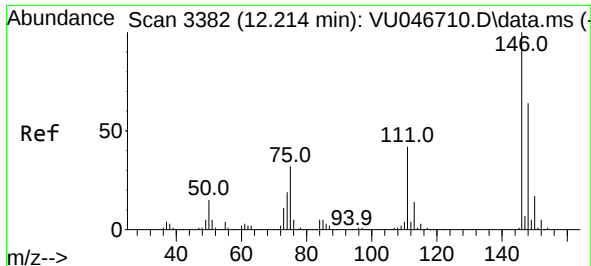
Tgt Ion:146 Resp: 148663
Ion Ratio Lower Upper
146 100
111 40.9 29.4 54.6
148 63.9 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 53.995 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:146 Resp: 153215
Ion Ratio Lower Upper
146 100
111 40.2 28.9 53.7
148 63.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.777 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

ClientSampleId :

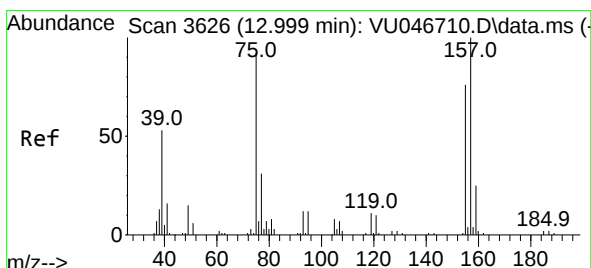
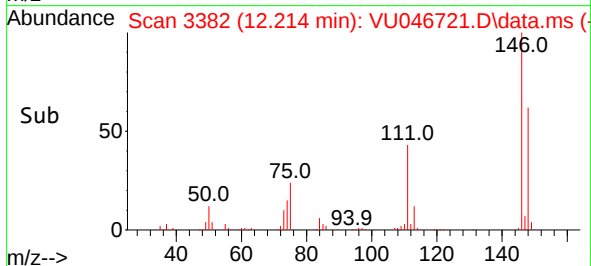
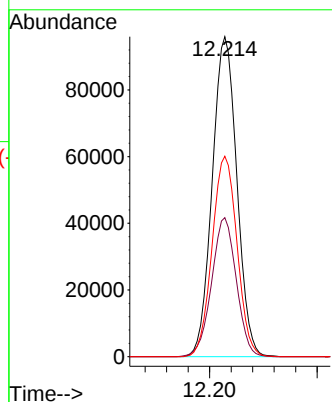
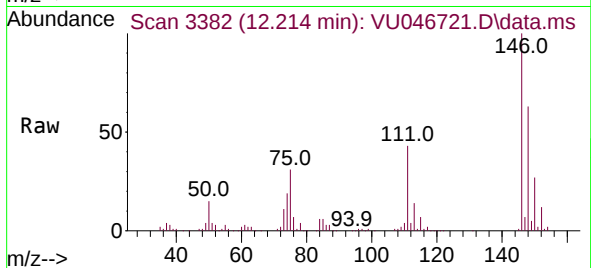
Tgt Ion:146 Resp: 152669

Ion Ratio Lower Upper

146 100

111 43.5 34.2 51.4

148 62.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 51.864 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

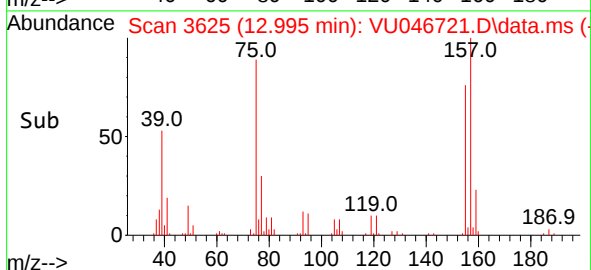
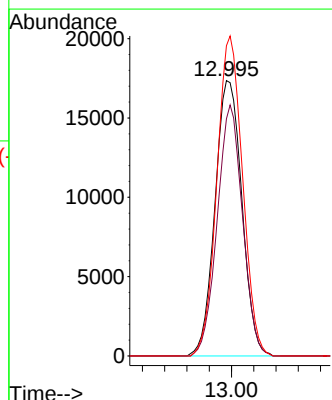
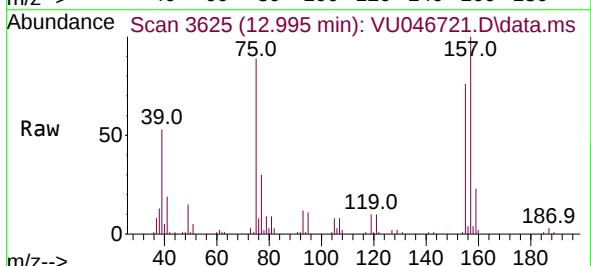
Tgt Ion: 75 Resp: 29059

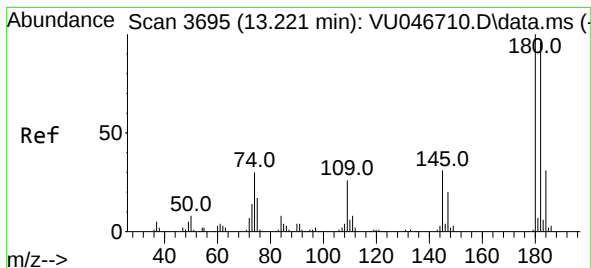
Ion Ratio Lower Upper

75 100

155 86.1 65.0 97.4

157 112.7 79.7 119.5





#69

1,3,5-Trichlorobenzene

Concen: 55.103 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 114934

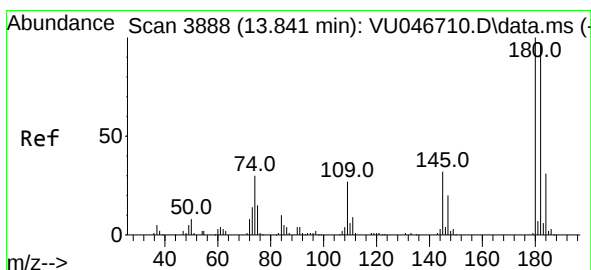
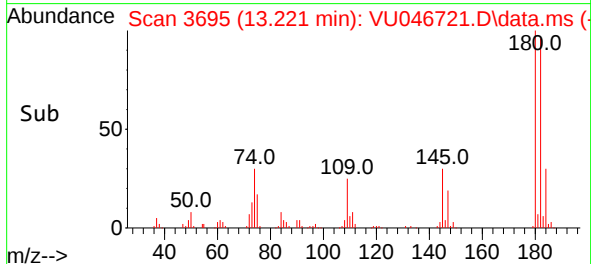
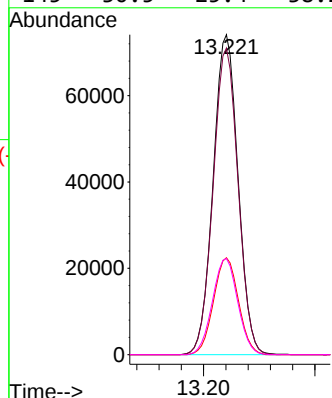
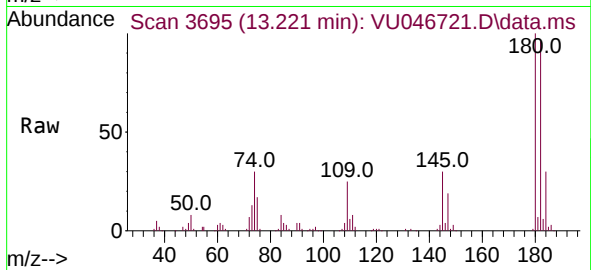
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.6

184 30.4 24.7 37.1

145 30.5 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 55.342 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046721.D

Acq: 11 Jan 2022 11:20

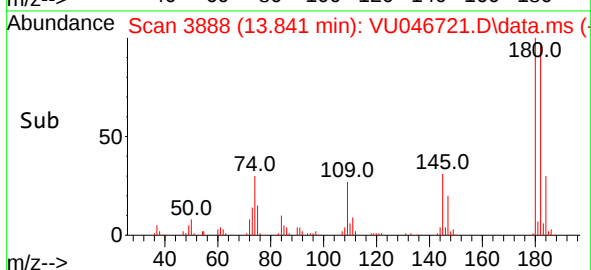
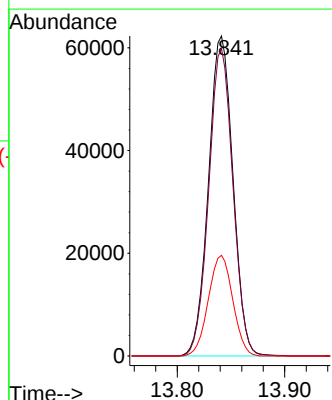
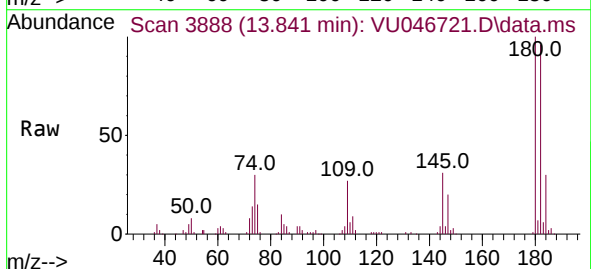
Tgt Ion:180 Resp: 98675

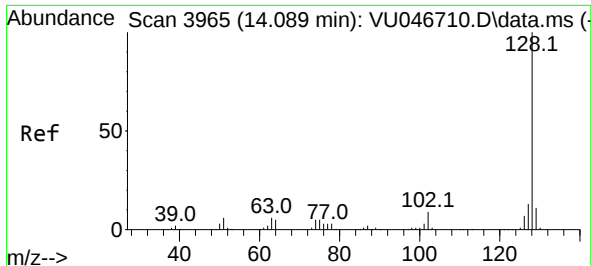
Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

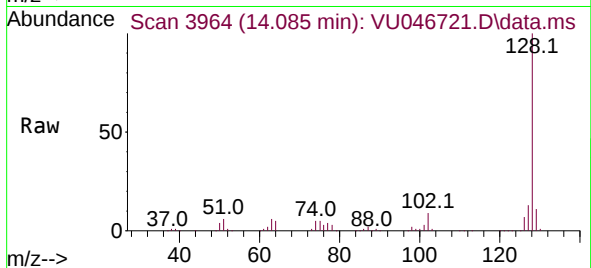
145 31.4 25.2 37.8



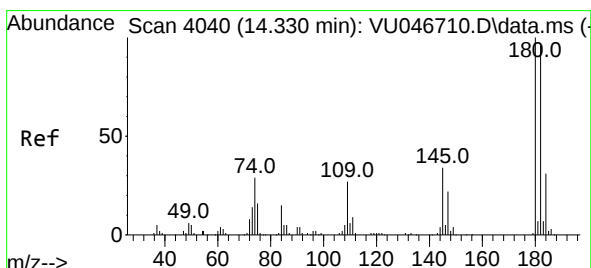
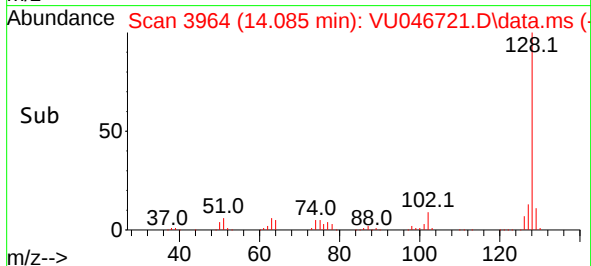
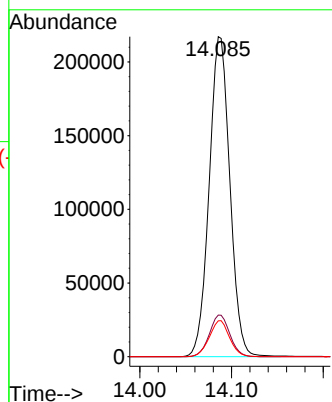


#71
Naphthalene
Concen: 58.645 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 340078
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.210 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046721.D
Acq: 11 Jan 2022 11:20

Tgt Ion:180 Resp: 103074
Ion Ratio Lower Upper
180 100
182 94.9 76.6 115.0
145 32.8 27.4 41.2

