

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046771.D
 Acq On : 17 Jan 2022 17:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 02:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	255287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	245669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79160	35.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.060%
7) Chloroethane-d5	1.916	69	61726	37.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.572	63	151587	40.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.020%
21) 2-Butanone-d5	4.629	46	135694	83.226	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.230%
24) Chloroform-d	5.067	84	162881	41.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	5.703	65	103200	41.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.880%
32) Benzene-d6	5.729	84	341357	44.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
36) 1,2-Dichloropropane-d6	6.690	67	102442	43.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.580%
41) Toluene-d8	7.899	98	327001	47.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.179	79	53246	47.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.500%
47) 2-Hexanone-d5	8.632	63	125322	100.843	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	164500	45.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	137413	49.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	131679	55.991	ug/L	99
3) Chloromethane	1.523	50	111793	53.416	ug/L	98
5) Vinyl chloride	1.607	62	118218	54.497	ug/L	99
6) Bromomethane	1.861	94	76884	55.948	ug/L	98
8) Chloroethane	1.938	64	69582	52.996	ug/L	94
9) Trichlorofluoromethane	2.141	101	163117	51.088	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	92265	51.381	ug/L	96
12) 1,1-Dichloroethene	2.584	96	90063	53.265	ug/L	86
13) Acetone	2.639	43	99500	64.125	ug/L	98
14) Carbon disulfide	2.797	76	265489	52.821	ug/L	100
15) Methyl Acetate	2.951	43	104020	52.486	ug/L	97
16) Methylene chloride	3.051	84	103444	49.665	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	98065	55.474	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	310730	59.161	ug/L	99
19) 1,1-Dichloroethane	3.874	63	170785	52.972	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	109580	57.838	ug/L	97
22) 2-Butanone	4.707	43	161958	91.557	ug/L	98
23) Bromochloromethane	4.977	128	58455	57.720	ug/L	91
25) Chloroform	5.089	83	182535	51.834	ug/L	100

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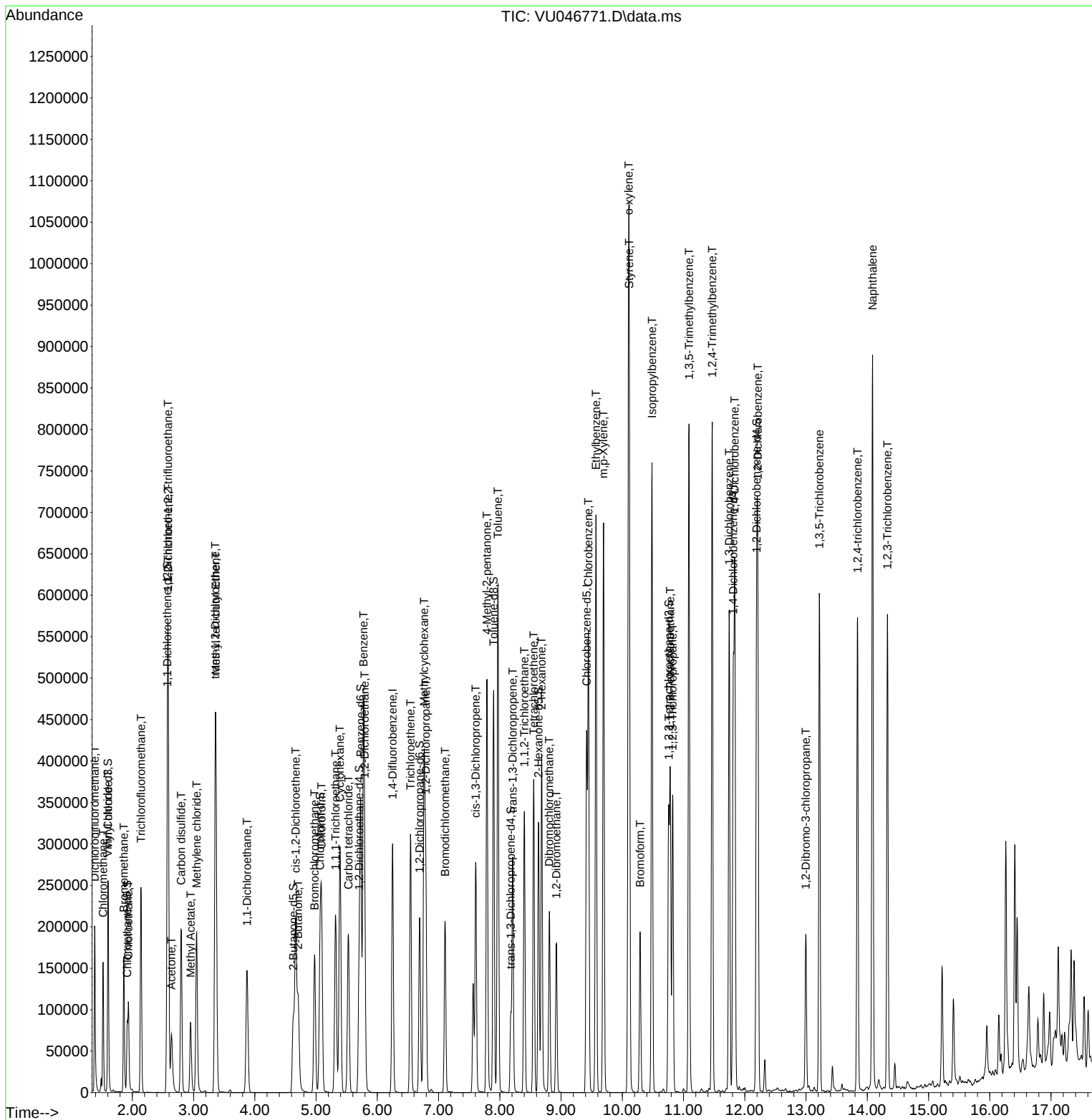
Instrument :
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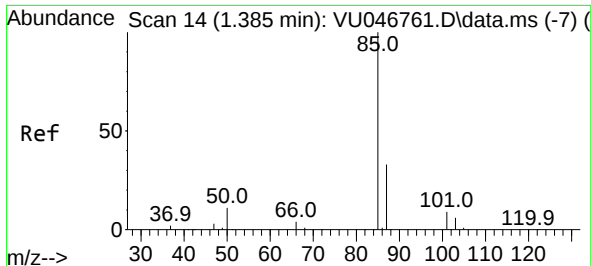
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 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	138303	51.117	ug/L	98
29) Cyclohexane	5.391	56	155051	59.373	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	162235	53.985	ug/L	98
31) Carbon tetrachloride	5.526	117	136002	52.244	ug/L	99
33) Benzene	5.774	78	409909	56.095	ug/L	100
34) Trichloroethene	6.543	95	107495	56.085	ug/L	98
35) Methylcyclohexane	6.764	83	176063	59.153	ug/L	97
37) 1,2-Dichloropropane	6.790	63	102557	54.849	ug/L	99
38) Bromodichloromethane	7.105	83	136995	53.276	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	171051	59.450	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	300912	117.718	ug/L	99
42) Toluene	7.970	91	457028	59.303	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	161307	57.787	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	107950	56.503	ug/L	98
46) Tetrachloroethene	8.552	164	87646	60.271	ug/L	97
48) 2-Hexanone	8.684	43	236163	109.001	ug/L	98
49) Dibromochloromethane	8.809	129	115654	55.119	ug/L	100
50) 1,2-Dibromoethane	8.925	107	120078	60.297	ug/L	99
51) Chlorobenzene	9.446	112	299288	59.747	ug/L	100
52) Ethylbenzene	9.571	91	503160	61.542	ug/L	99
53) m,p-Xylene	9.693	106	202097	64.003	ug/L	94
54) o-xylene	10.102	106	194736	64.494	ug/L	99
55) Styrene	10.115	104	338091	63.984	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	187756	56.191	ug/L	99
59) Bromoform	10.292	173	90630	55.933	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	151499	53.993	ug/L	99
61) Isopropylbenzene	10.484	105	510919	62.727	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	446092	65.152	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	452108	66.270	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	247250	60.562	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	249840	58.732	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	243906	59.441	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	44999	53.573	ug/L	84
69) 1,3,5-Trichlorobenzene	13.217	180	192940	61.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	179307	67.083	ug/L	99
71) Naphthalene	14.086	128	711406	81.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	180256	66.738	ug/L	99

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

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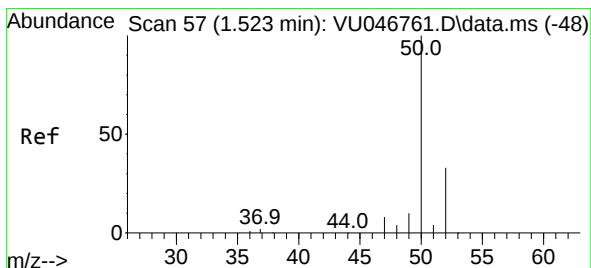
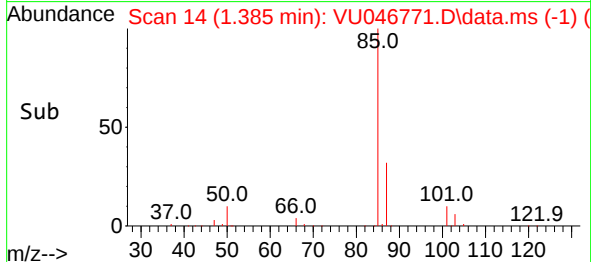
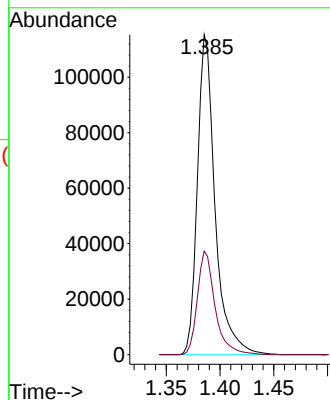
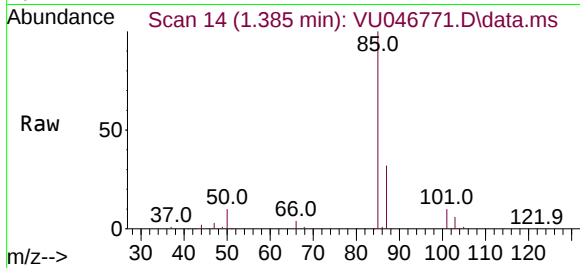




#2
Dichlorodifluoromethane
Concen: 55.991 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

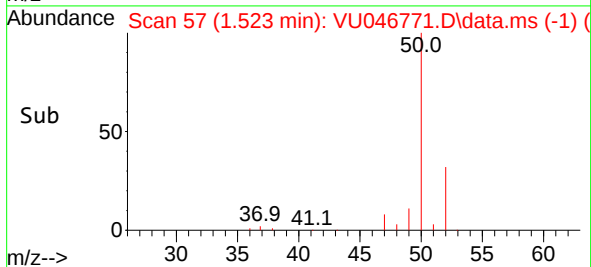
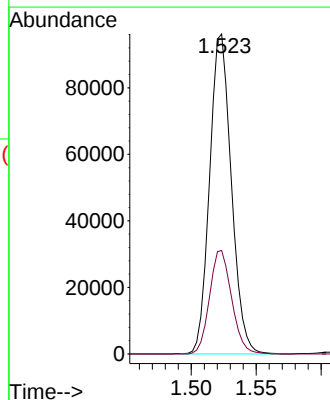
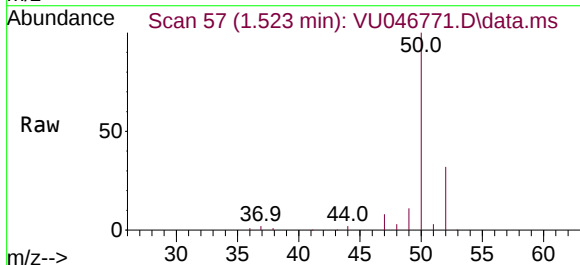
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MSVOA_U
ClientSampleId :

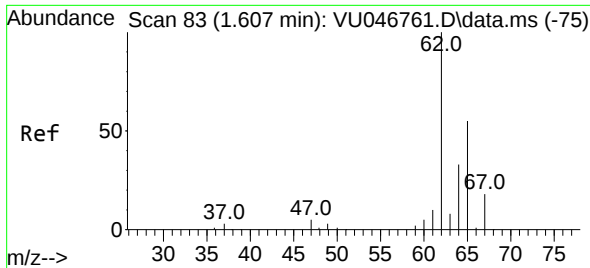
Tgt Ion: 85 Resp: 131679
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 53.416 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

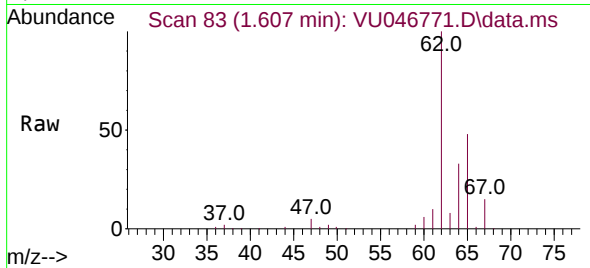
Tgt Ion: 50 Resp: 111793
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2



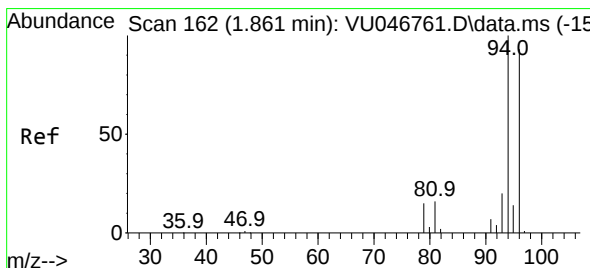
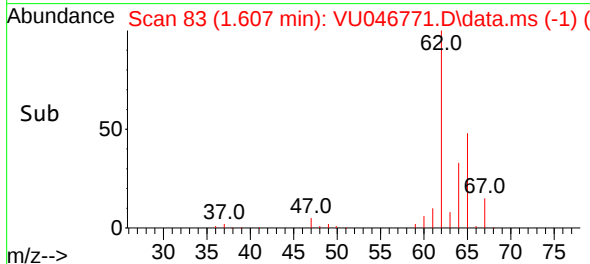
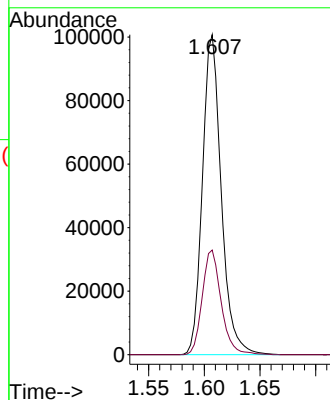


#5
 Vinyl chloride
 Concen: 54.497 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046771.D
 Acq: 17 Jan 2022 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

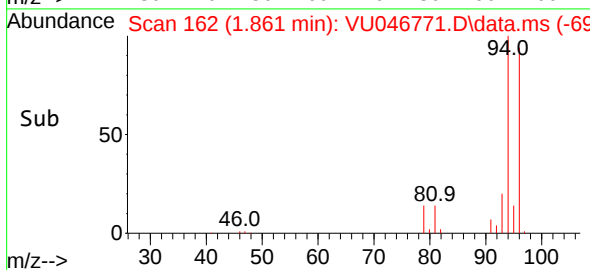
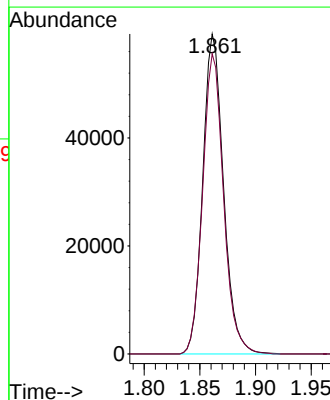
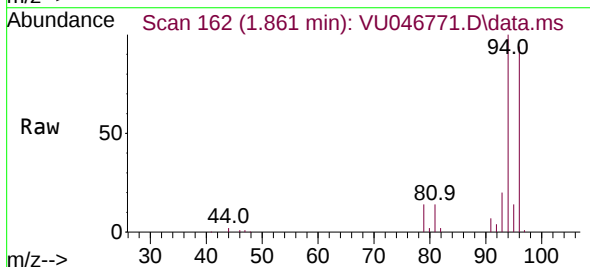


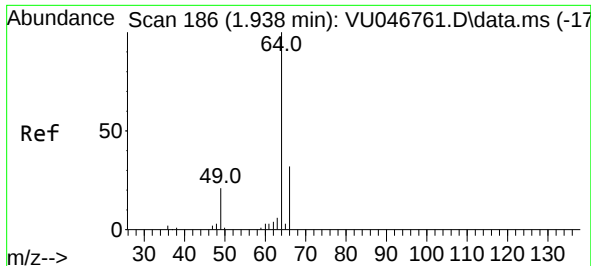
Tgt Ion: 62 Resp: 118218
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 55.948 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046771.D
 Acq: 17 Jan 2022 17:49

Tgt Ion: 94 Resp: 76884
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.4 119.6

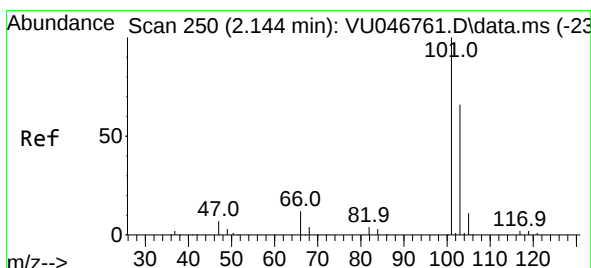
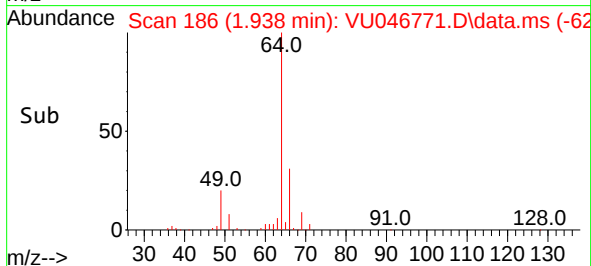
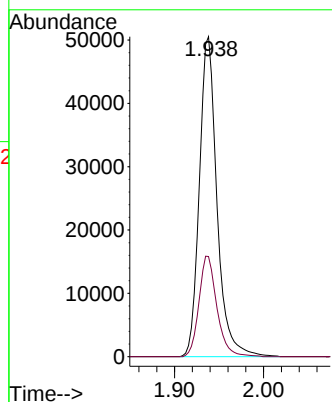
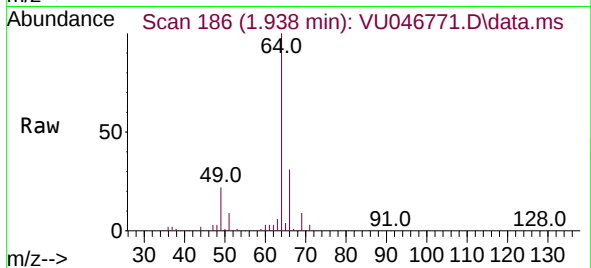




#8
Chloroethane
Concen: 52.996 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

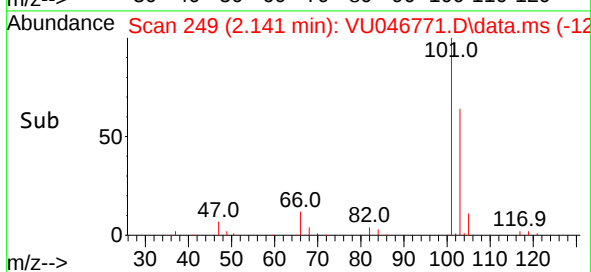
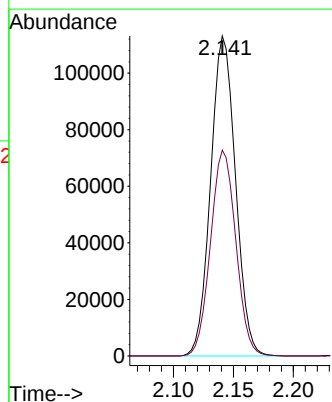
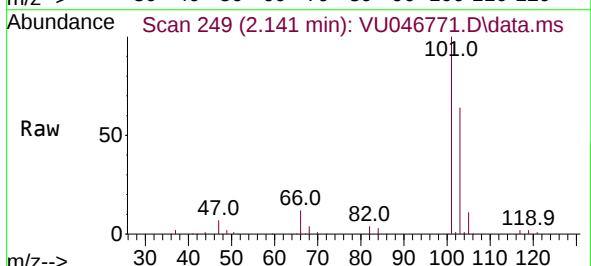
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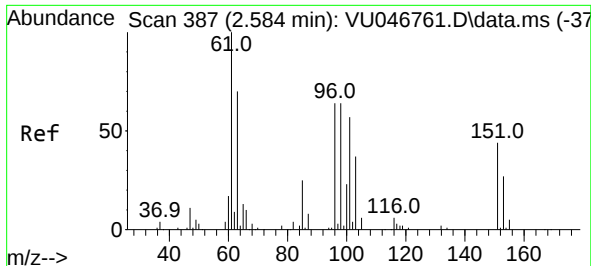
Tgt Ion: 64 Resp: 69582
Ion Ratio Lower Upper
64 100
66 31.3 24.4 45.2



#9
Trichlorofluoromethane
Concen: 51.088 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:101 Resp: 163117
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0





#10

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

Concen: 51.381 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

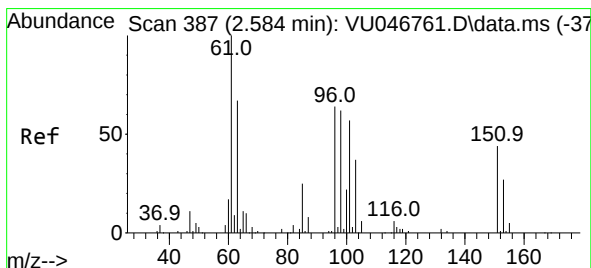
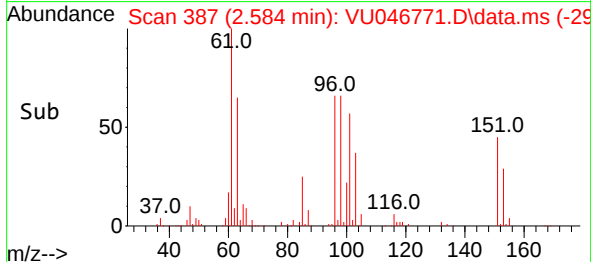
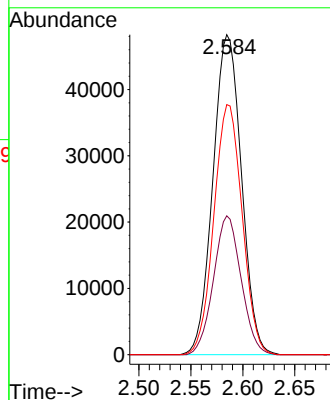
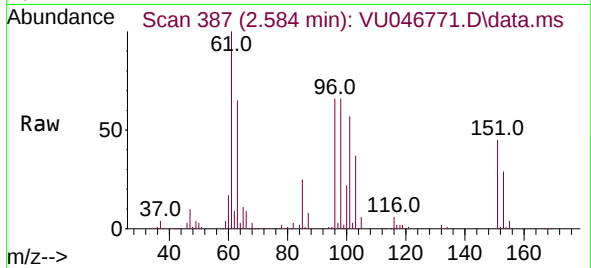
Tgt Ion:101 Resp: 92265

Ion Ratio Lower Upper

101 100

85 42.0 34.9 52.3

151 77.4 58.3 87.5



#12

1,1-Dichloroethene

Concen: 53.265 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

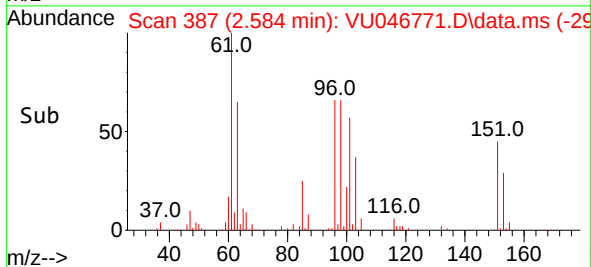
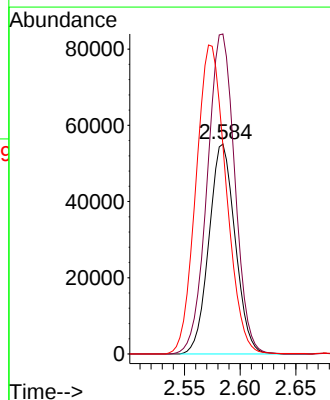
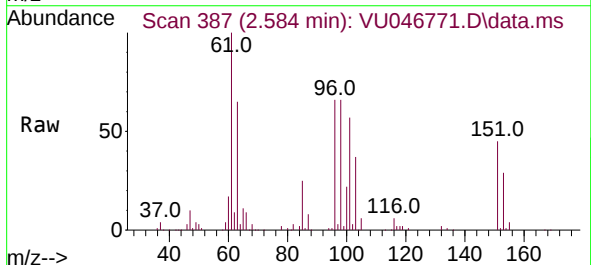
Tgt Ion: 96 Resp: 90063

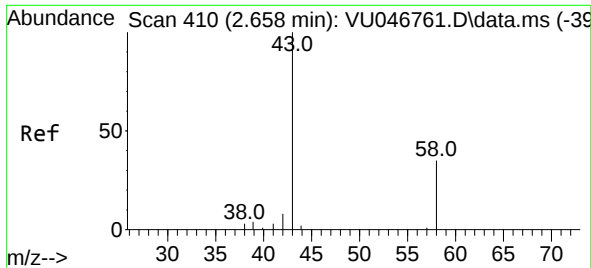
Ion Ratio Lower Upper

96 100

61 152.4 114.9 213.3

63 99.4 86.0 159.8





#13

Acetone

Concen: 64.125 ug/L

RT: 2.639 min Scan# 404

Delta R.T. -0.019 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

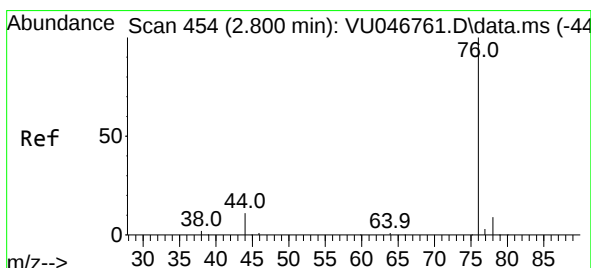
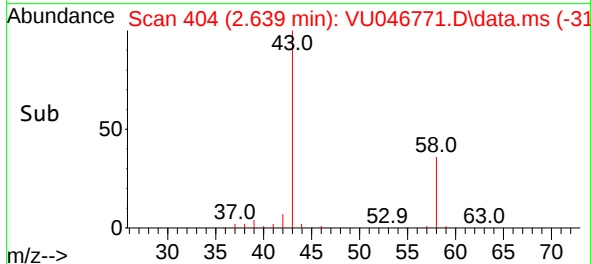
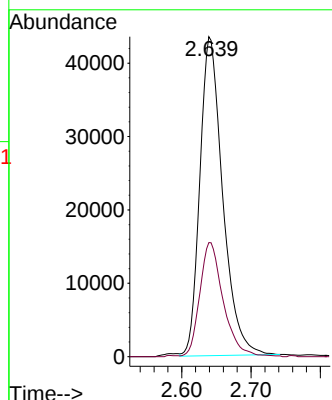
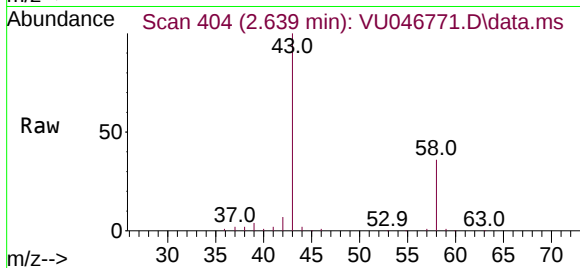
ClientSampleId :

Tgt Ion: 43 Resp: 99500

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.0



#14

Carbon disulfide

Concen: 52.821 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046771.D

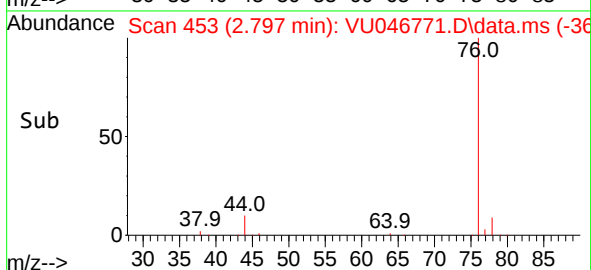
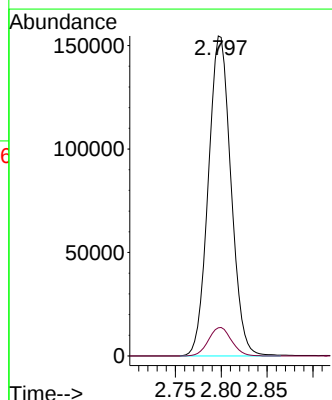
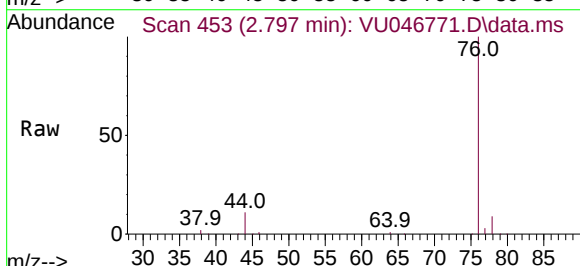
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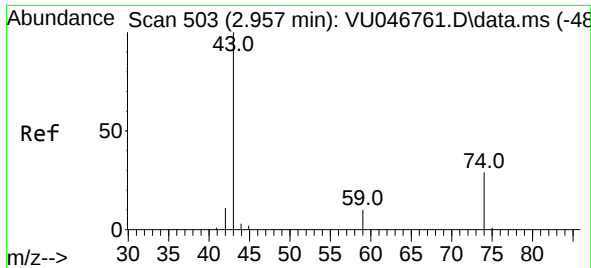
Tgt Ion: 76 Resp: 265489

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

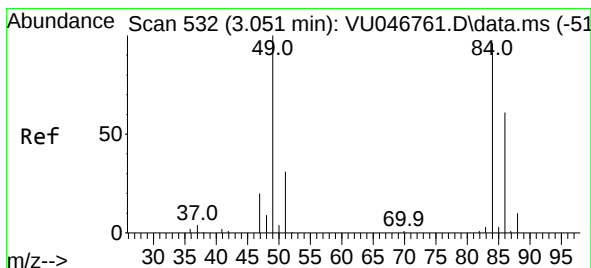
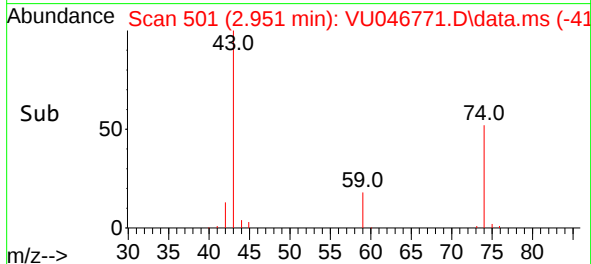
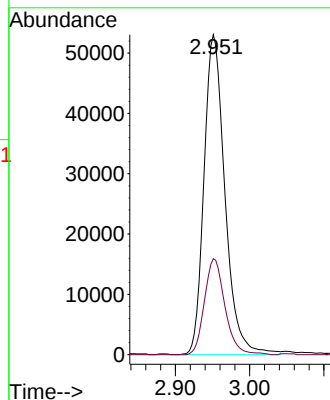
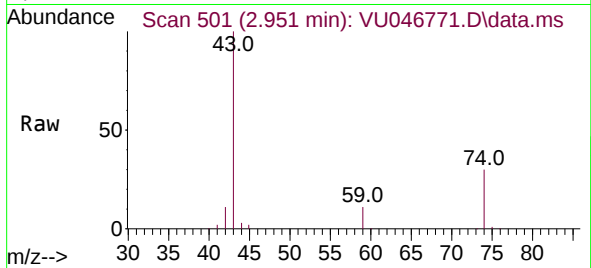




#15
Methyl Acetate
Concen: 52.486 ug/L
RT: 2.951 min Scan# 503
Delta R.T. -0.006 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

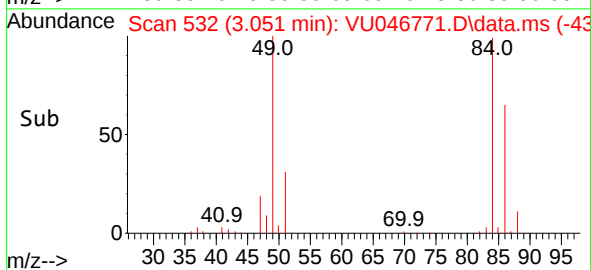
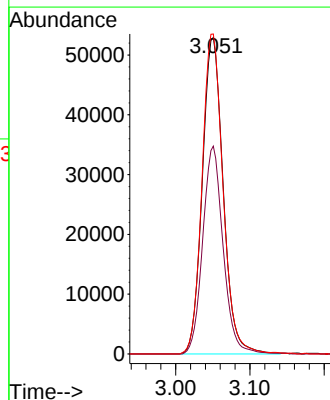
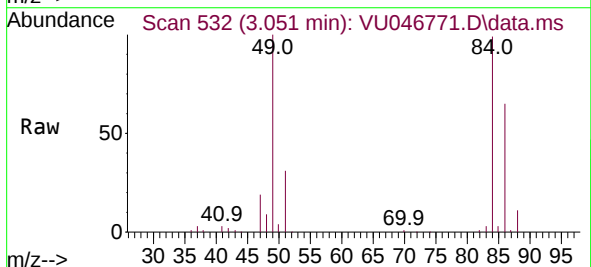
Instrument :
MSVOA_U
ClientSampleId :

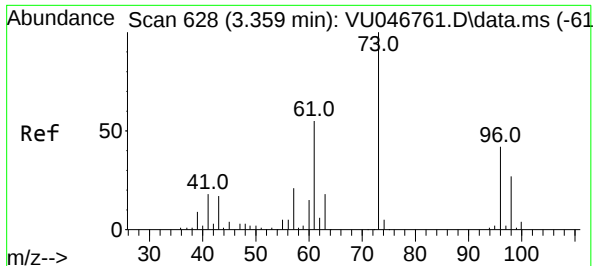
Tgt Ion: 43 Resp: 104020
Ion Ratio Lower Upper
43 100
74 29.3 22.3 33.5



#16
Methylene chloride
Concen: 49.665 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion: 84 Resp: 103444
Ion Ratio Lower Upper
84 100
86 65.7 44.7 82.9
49 101.1 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 55.474 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

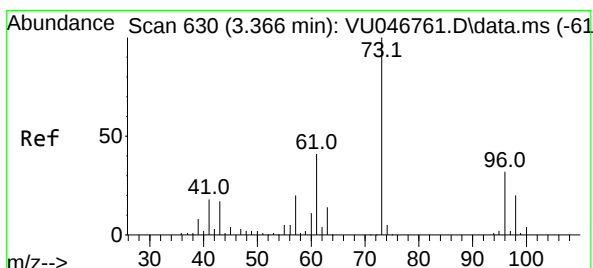
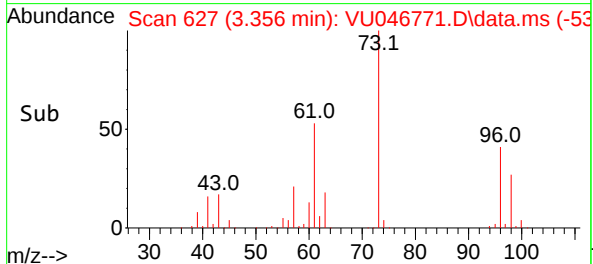
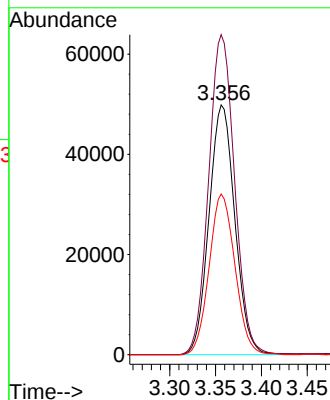
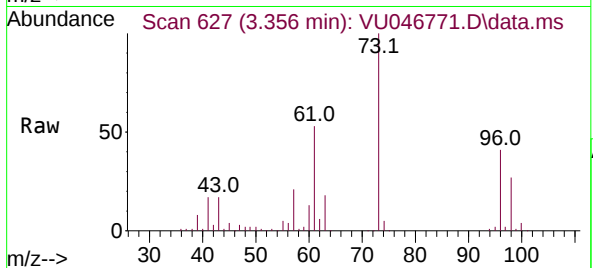
Tgt Ion: 96 Resp: 98065

Ion Ratio Lower Upper

96 100

61 128.1 92.5 171.9

98 64.3 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 59.161 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

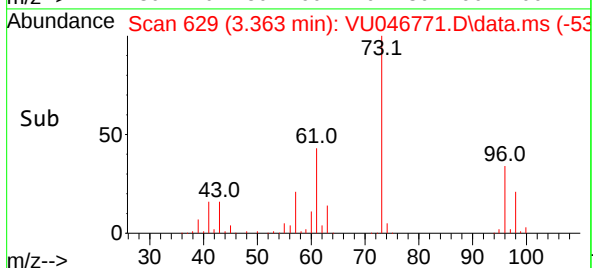
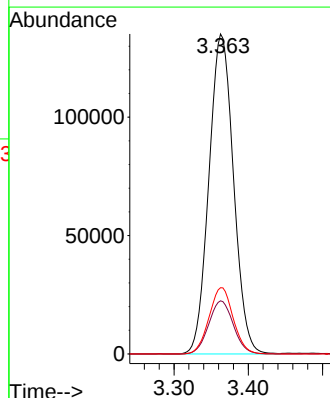
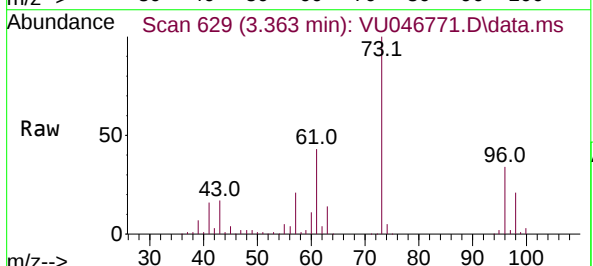
Tgt Ion: 73 Resp: 310730

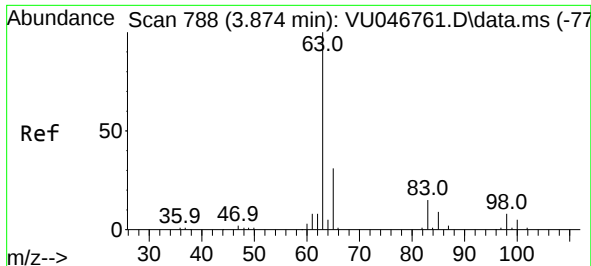
Ion Ratio Lower Upper

73 100

43 16.7 14.1 21.1

57 20.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 52.972 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

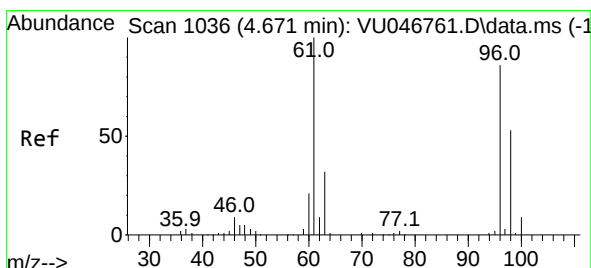
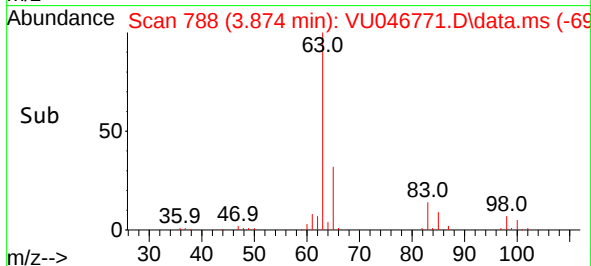
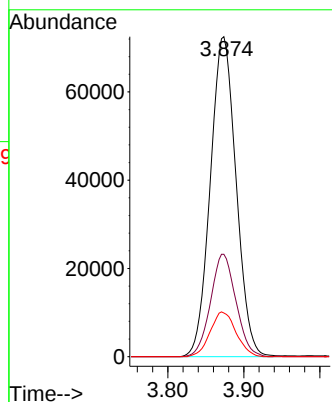
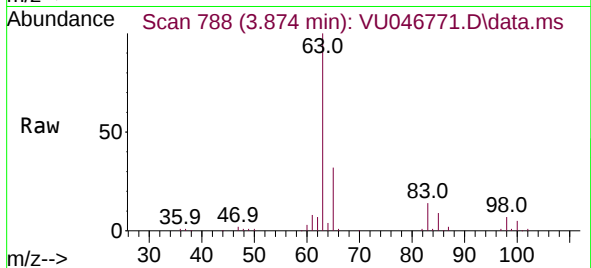
Tgt Ion: 63 Resp: 170785

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 57.838 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

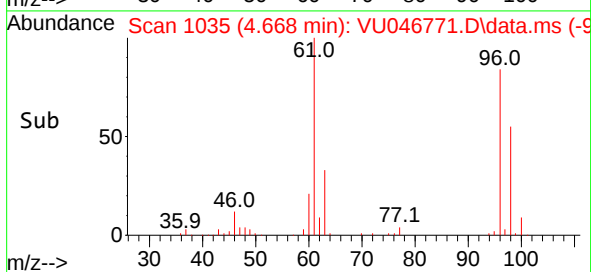
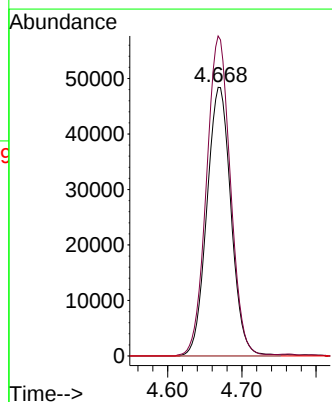
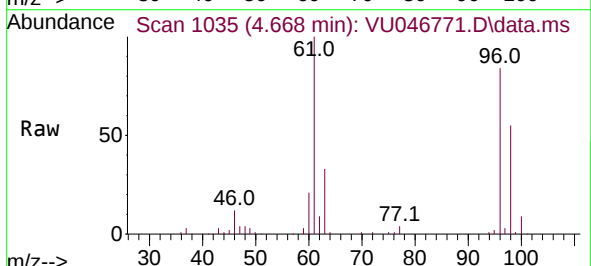
Tgt Ion: 96 Resp: 109580

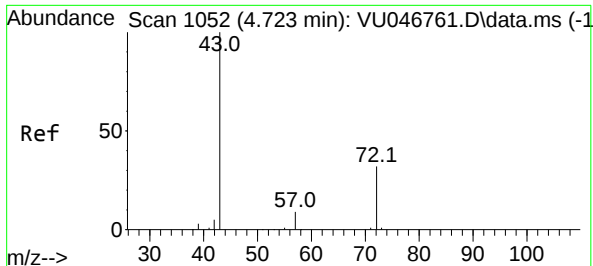
Ion Ratio Lower Upper

96 100

61 119.1 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 91.557 ug/L

RT: 4.707 min Scan# 1047

Delta R.T. -0.016 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

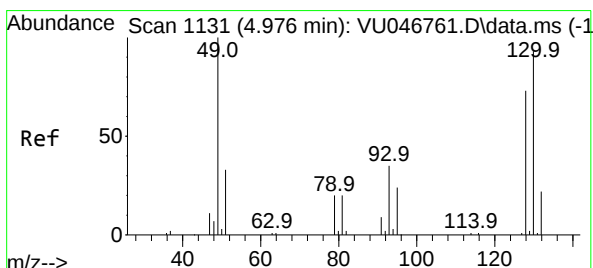
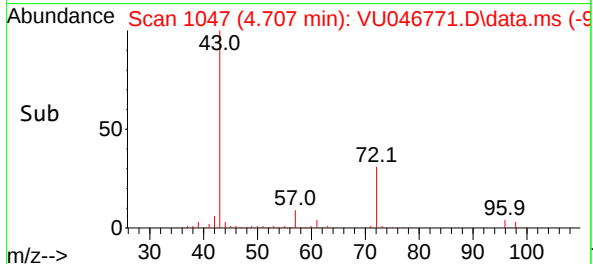
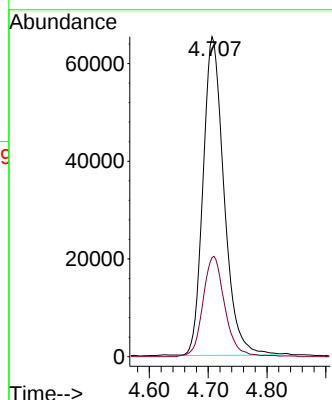
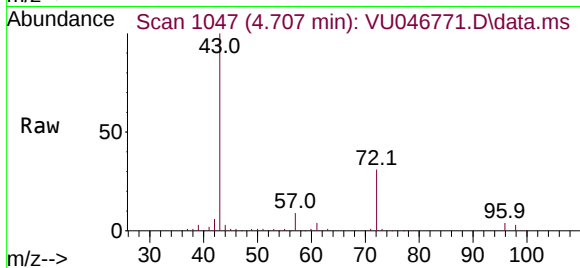
ClientSampleId :

Tgt Ion: 43 Resp: 161958

Ion Ratio Lower Upper

43 100

72 32.6 15.6 46.8



#23

Bromochloromethane

Concen: 57.720 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Tgt Ion:128 Resp: 58455

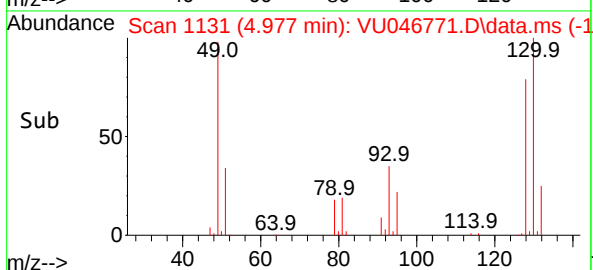
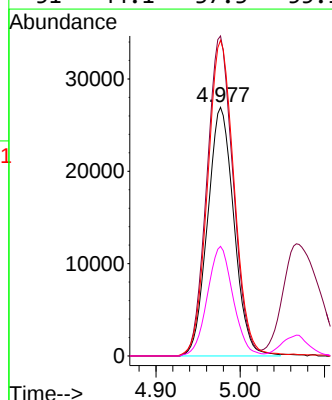
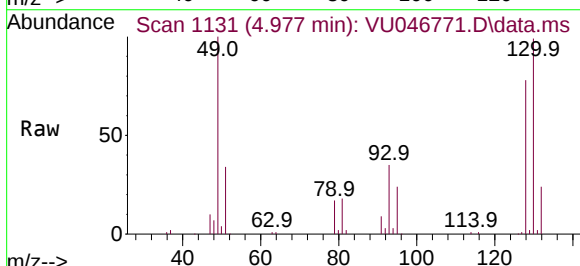
Ion Ratio Lower Upper

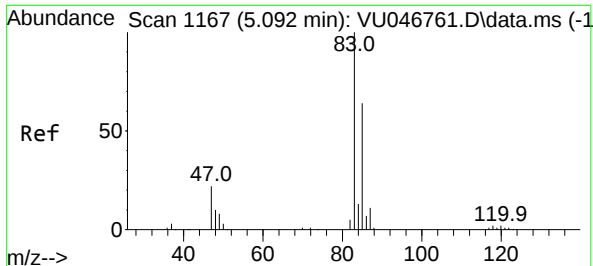
128 100

49 128.7 105.4 195.8

130 126.9 88.7 164.7

51 44.1 37.3 55.9





#25

Chloroform

Concen: 51.834 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

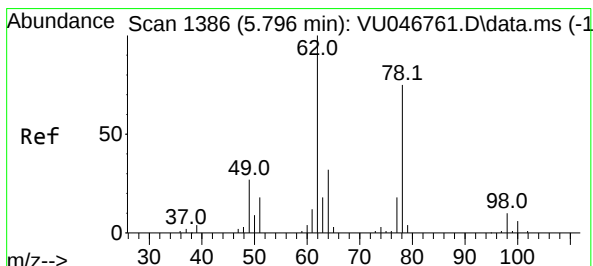
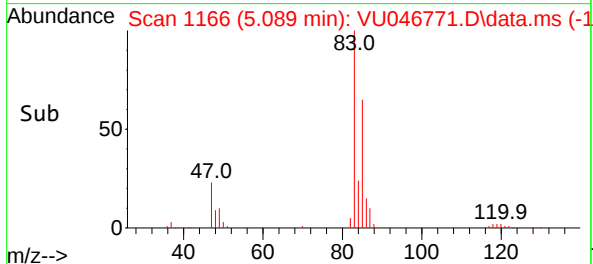
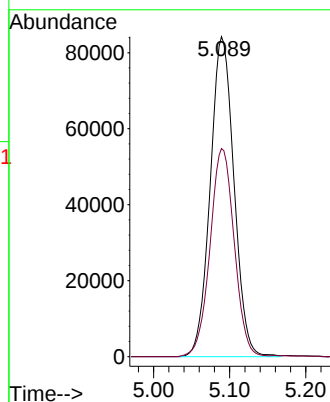
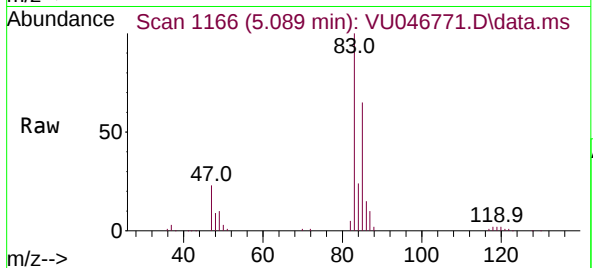
ClientSampleId :

Tgt Ion: 83 Resp: 182535

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.117 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU046771.D

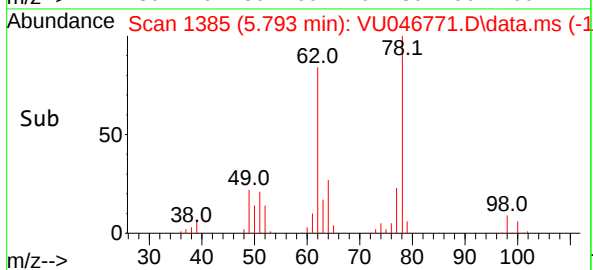
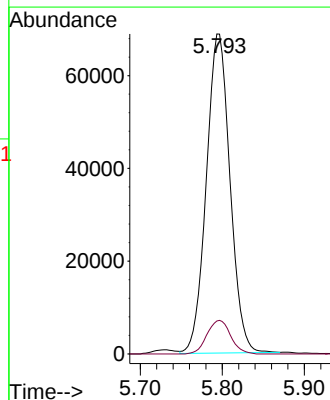
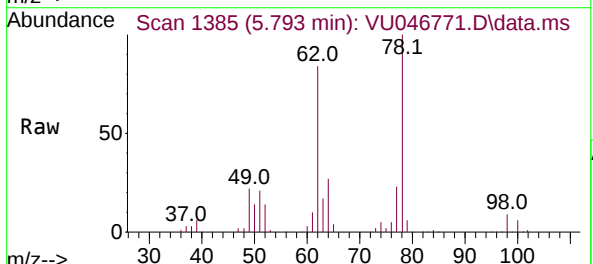
Acq: 17 Jan 2022 17:49

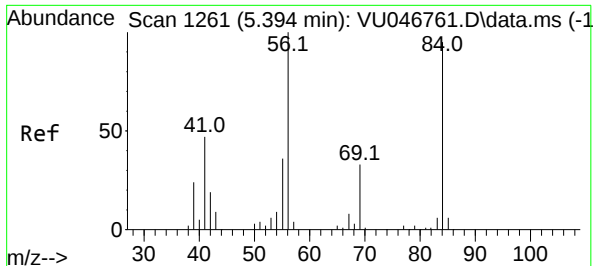
Tgt Ion: 62 Resp: 138303

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5





#29

Cyclohexane

Concen: 59.373 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

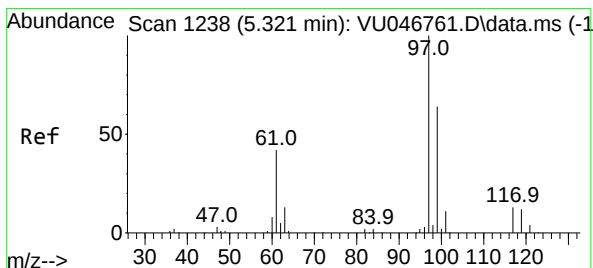
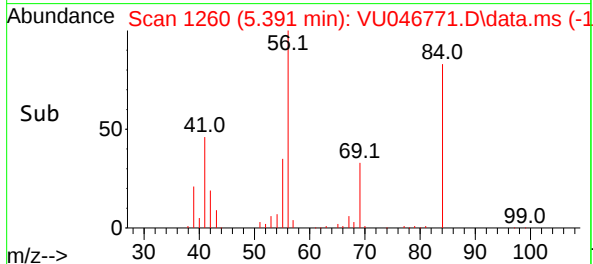
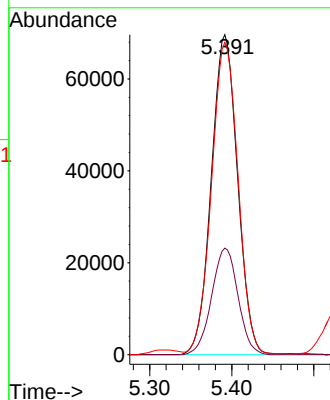
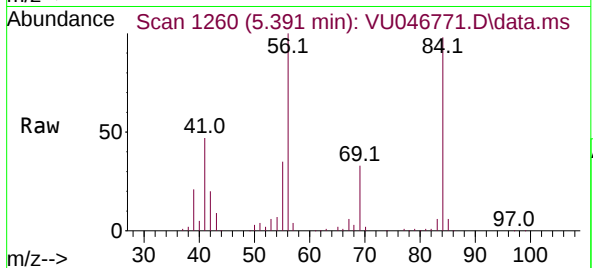
Tgt Ion: 56 Resp: 155051

Ion Ratio Lower Upper

56 100

69 33.4 25.8 38.6

84 97.9 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 53.985 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

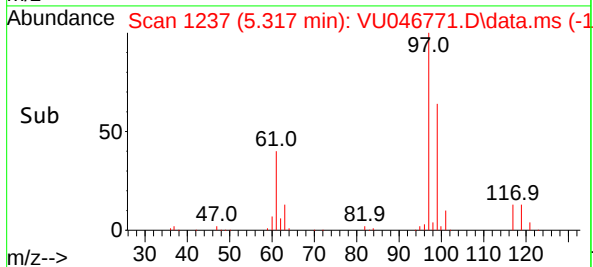
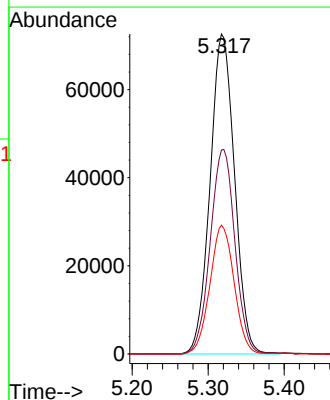
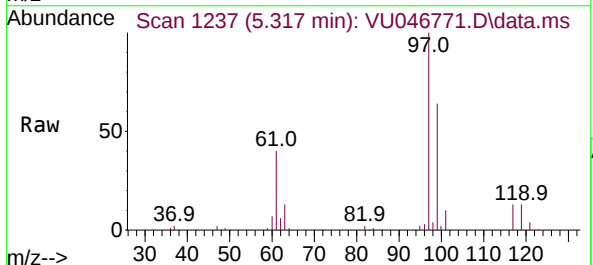
Tgt Ion: 97 Resp: 162235

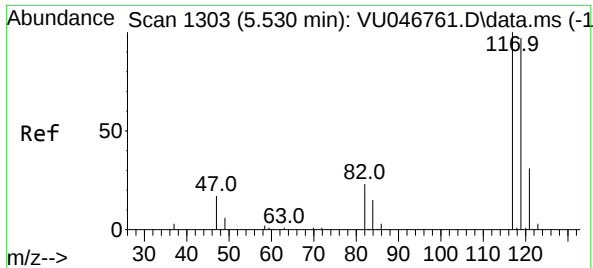
Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 39.8 34.1 51.1

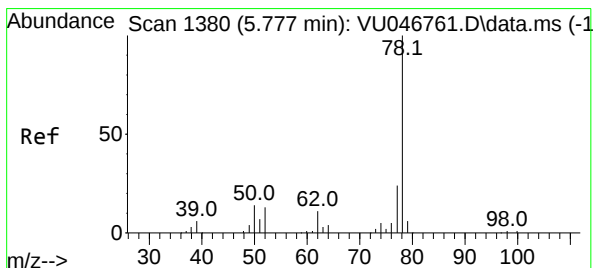
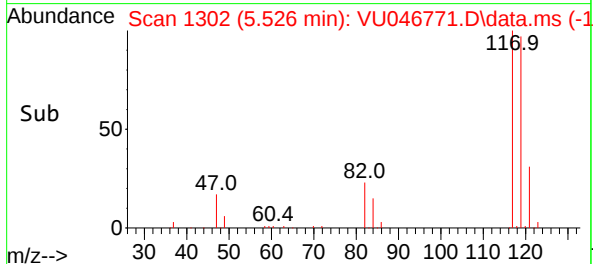
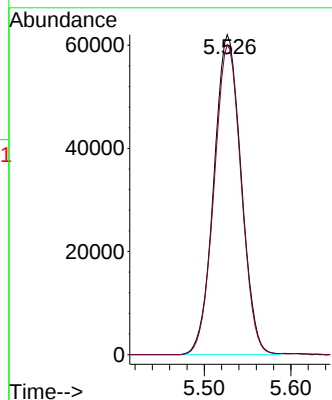
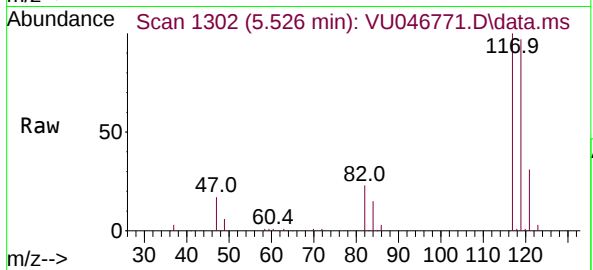




#31
Carbon tetrachloride
Concen: 52.244 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

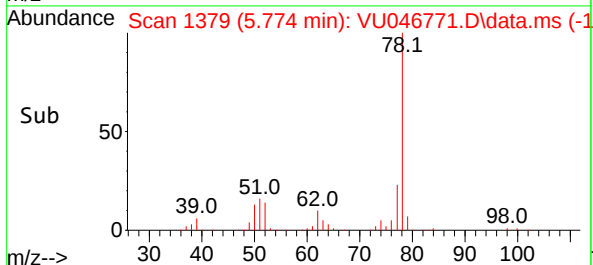
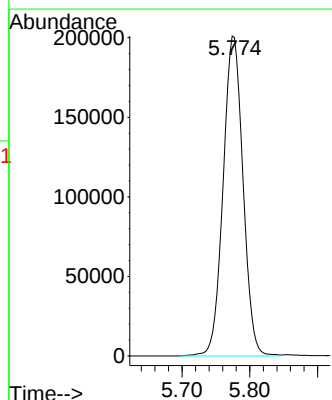
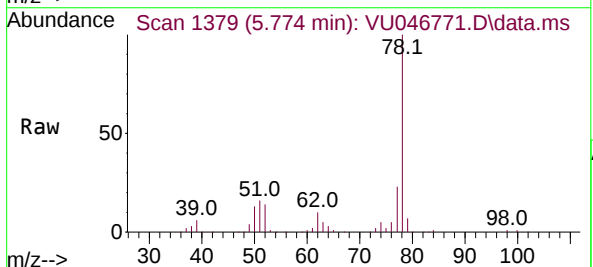
Instrument :
MSVOA_U
ClientSampleId :

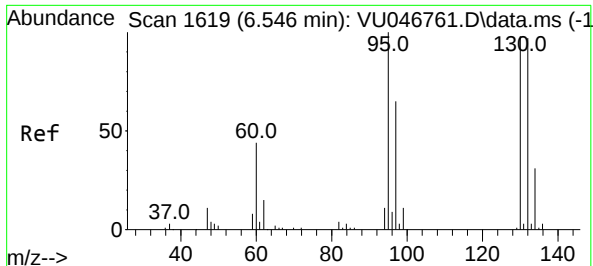
Tgt Ion:117 Resp: 136002
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 56.095 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion: 78 Resp: 409909

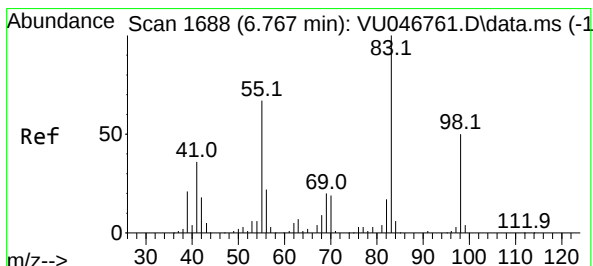
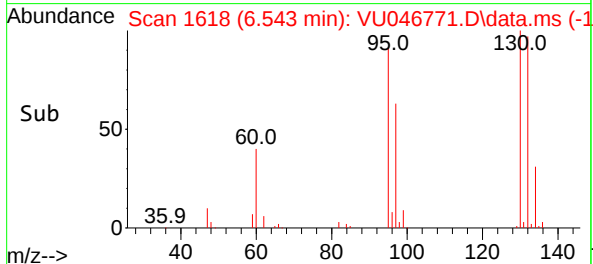
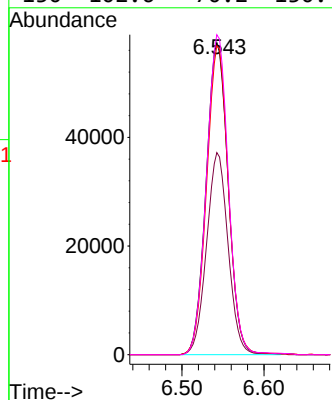
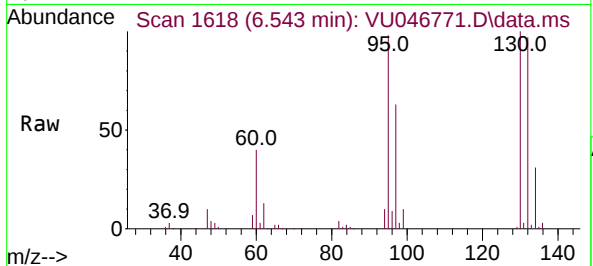




#34
Trichloroethene
Concen: 56.085 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

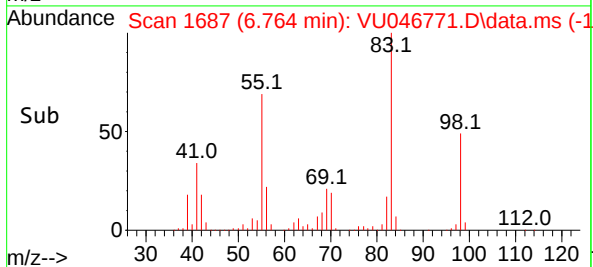
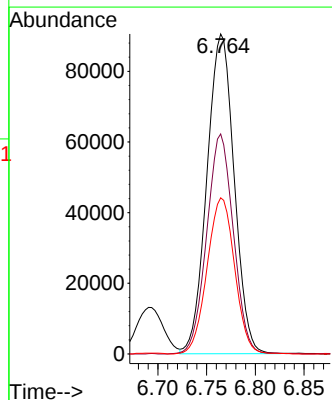
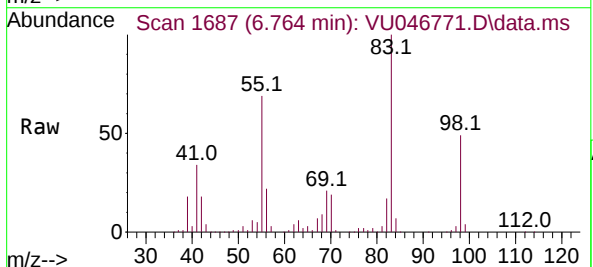
Instrument :
MSVOA_U
ClientSampleId :

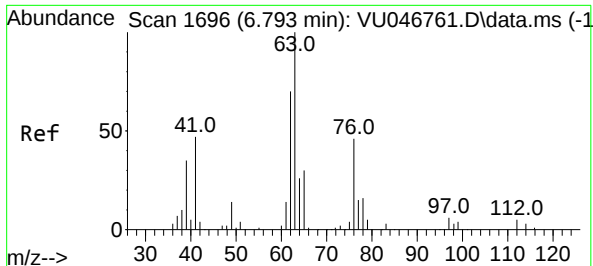
Tgt Ion: 95 Resp: 107495
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.7
132 99.0 66.7 123.9
130 102.6 70.2 130.4



#35
Methylcyclohexane
Concen: 59.153 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion: 83 Resp: 176063
Ion Ratio Lower Upper
83 100
55 67.4 56.6 85.0
98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 54.849 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

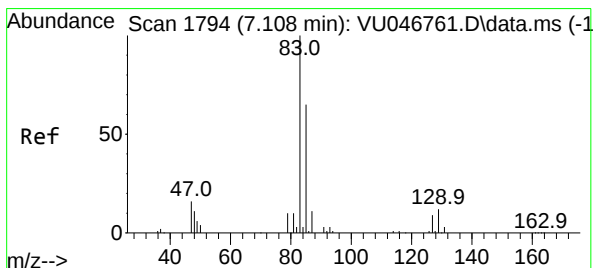
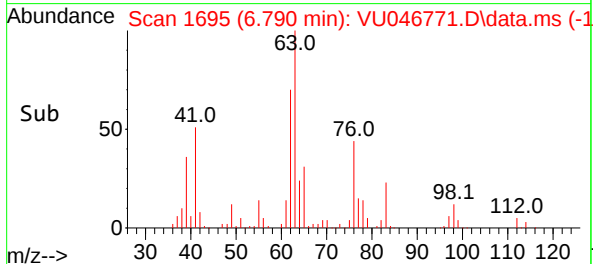
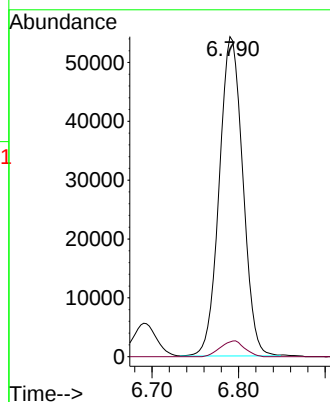
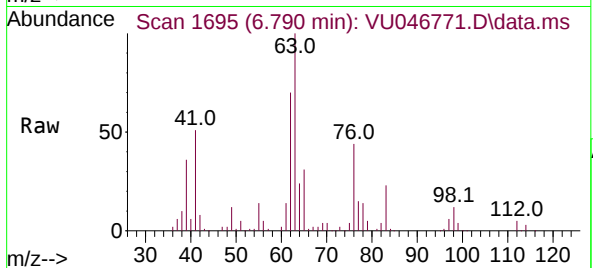
ClientSampleId :

Tgt Ion: 63 Resp: 102557

Ion Ratio Lower Upper

63 100

112 5.1 3.7 5.5



#38

Bromodichloromethane

Concen: 53.276 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

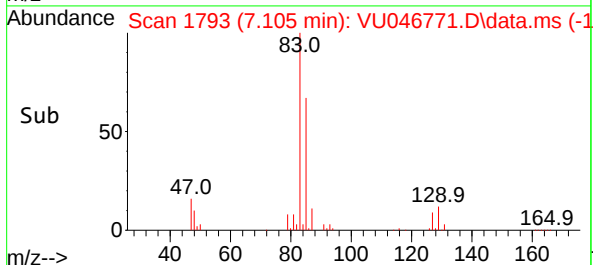
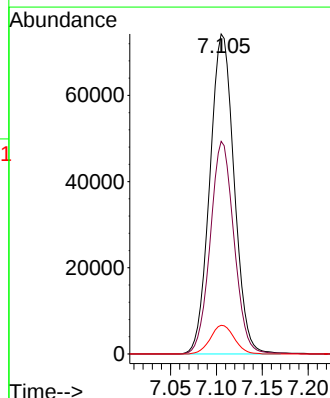
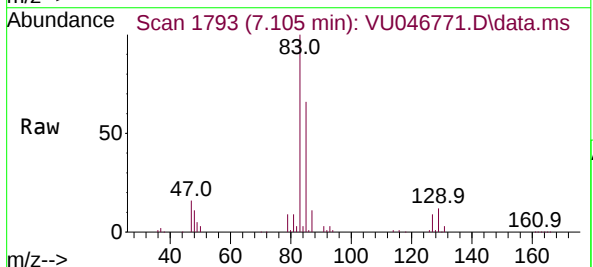
Tgt Ion: 83 Resp: 136995

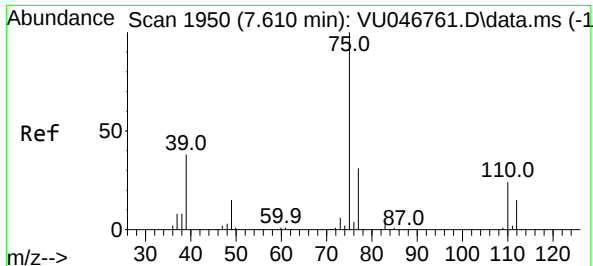
Ion Ratio Lower Upper

83 100

85 66.5 45.0 83.6

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 59.450 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

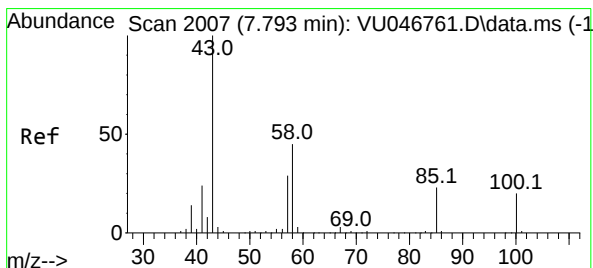
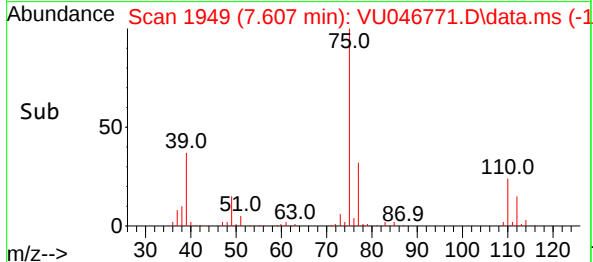
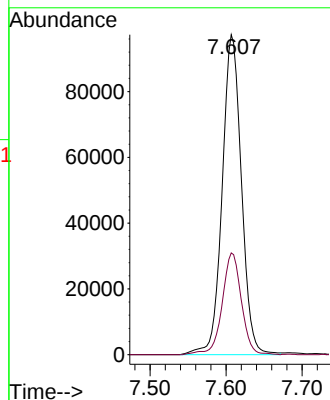
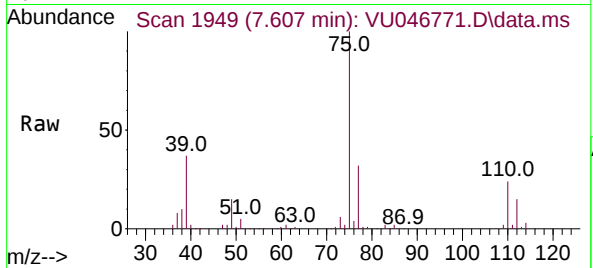
ClientSampleId :

Tgt Ion: 75 Resp: 171051

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 117.718 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

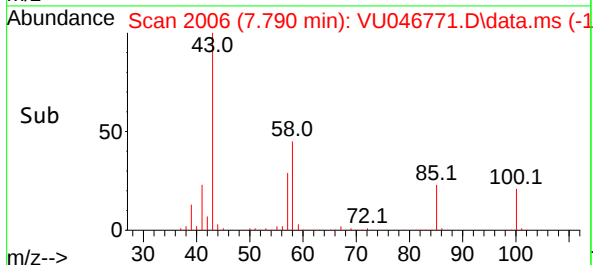
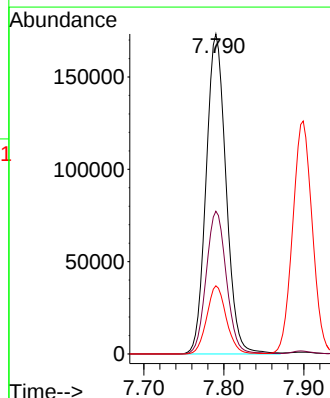
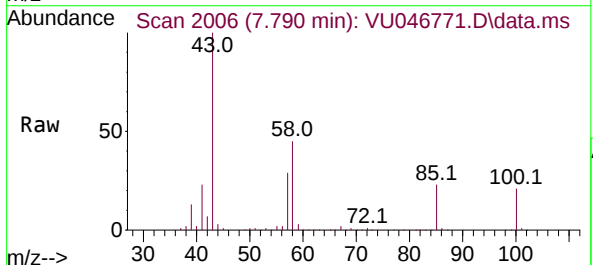
Tgt Ion: 43 Resp: 300912

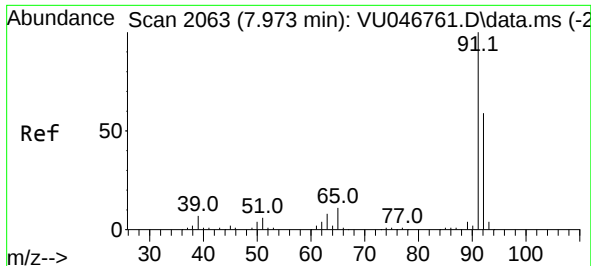
Ion Ratio Lower Upper

43 100

58 45.3 35.8 53.8

100 20.9 15.7 23.5





#42

Toluene

Concen: 59.303 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

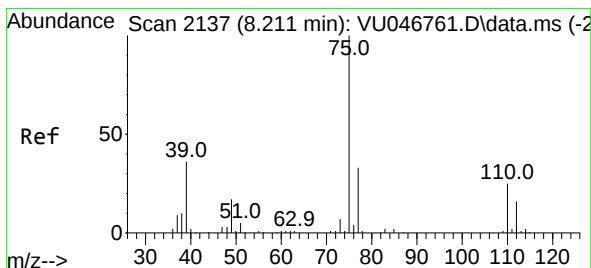
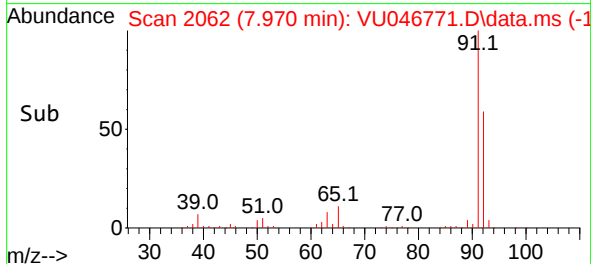
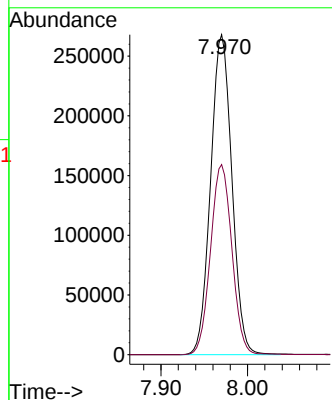
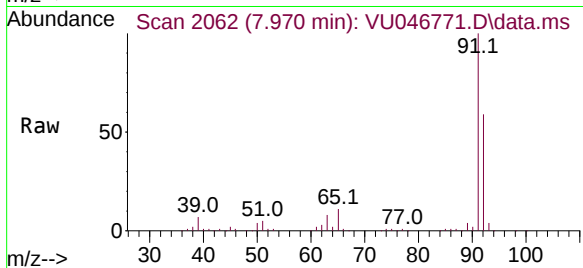
ClientSampleId :

Tgt Ion: 91 Resp: 457028

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 57.787 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046771.D

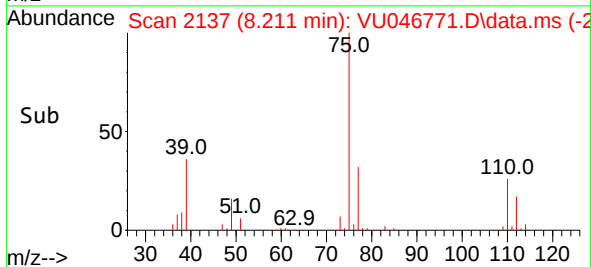
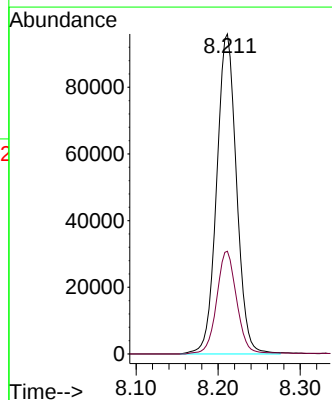
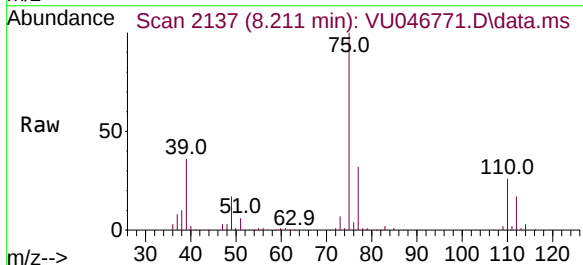
Acq: 17 Jan 2022 17:49

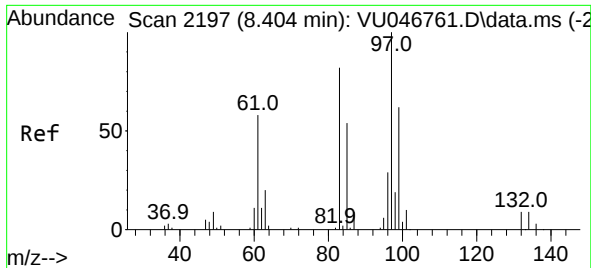
Tgt Ion: 75 Resp: 161307

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.8

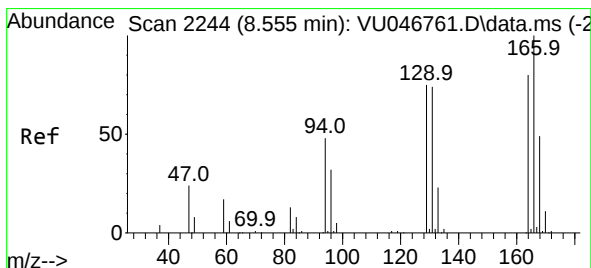
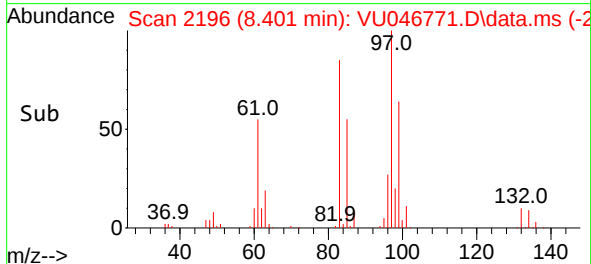
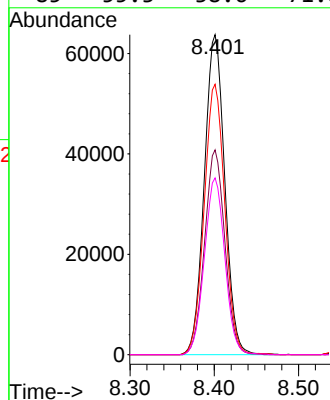
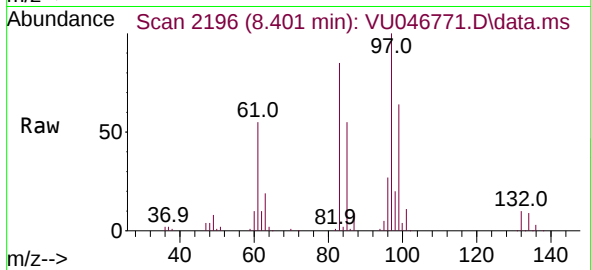




#45
1,1,2-Trichloroethane
Concen: 56.503 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

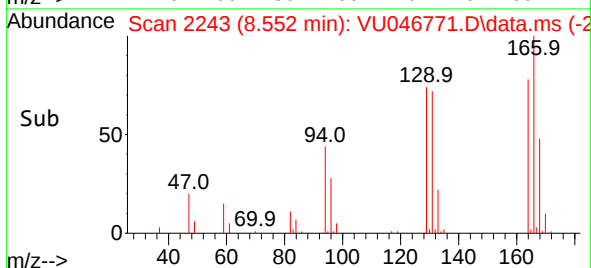
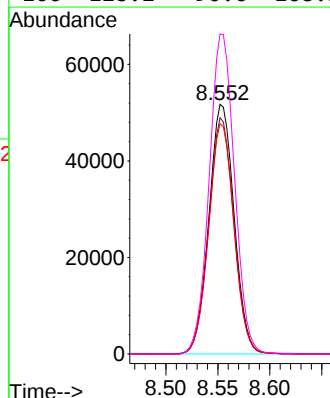
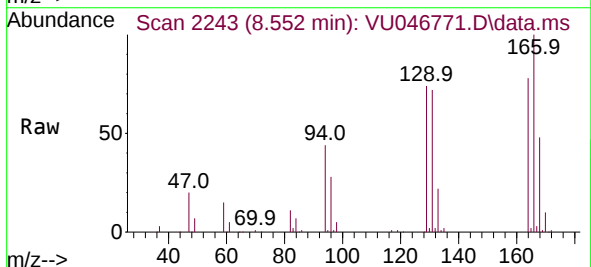
Instrument :
MSVOA_U
ClientSampleId :

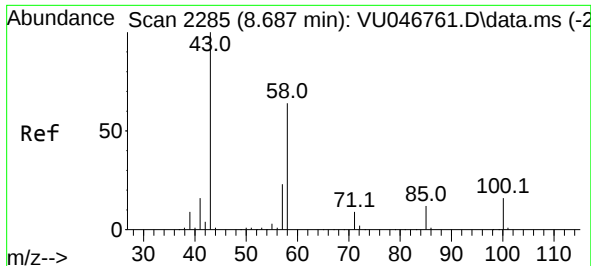
Tgt Ion:	97	Resp:	107950
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.4	78.8
83	84.5	59.4	110.4
85	55.3	38.6	71.8



#46
Tetrachloroethene
Concen: 60.271 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

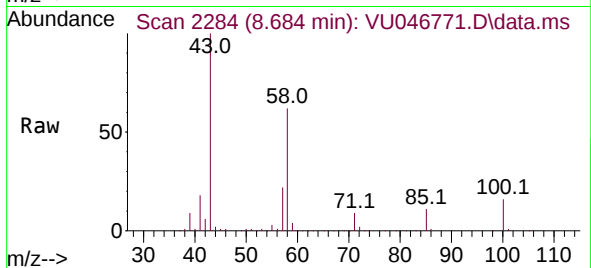
Tgt Ion:	164	Resp:	87646
Ion	Ratio	Lower	Upper
164	100		
129	94.6	69.5	129.1
131	92.2	67.0	124.4
166	128.2	90.6	168.2



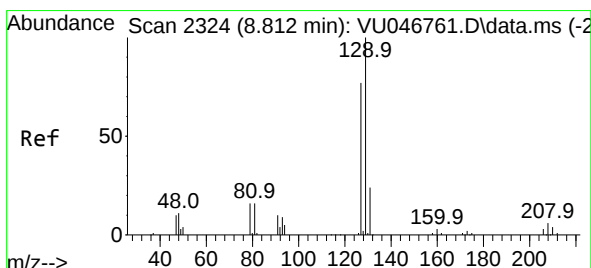
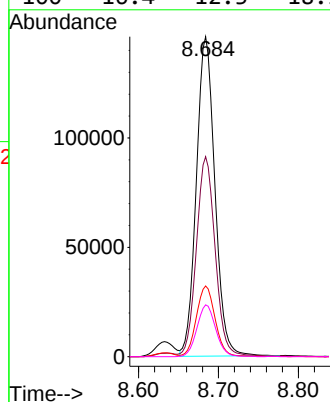
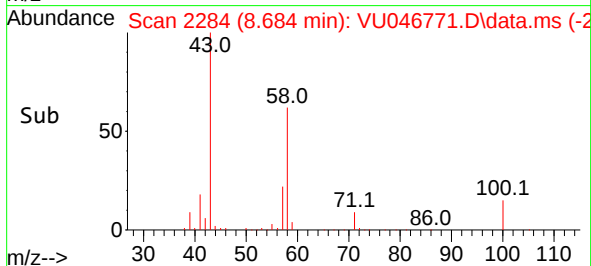


#48
2-Hexanone
Concen: 109.001 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :

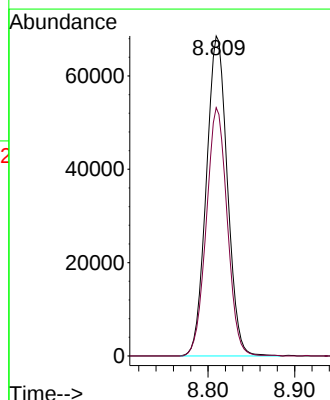
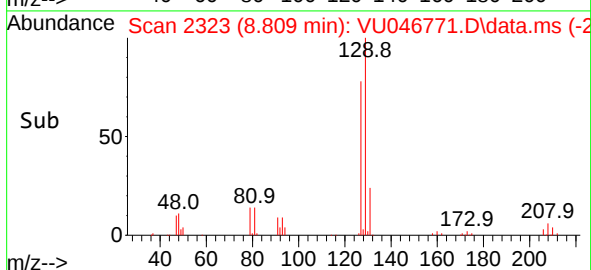
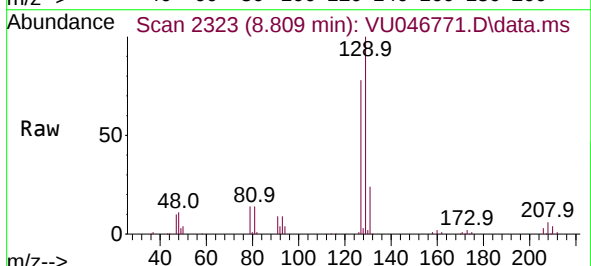


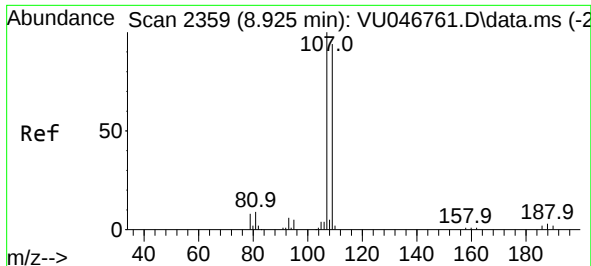
Tgt Ion: 43	Resp: 236163
Ion Ratio	Lower Upper
43 100	
58 63.9	49.4 74.2
57 22.6	17.5 26.3
100 16.4	12.3 18.5



#49
Dibromochloromethane
Concen: 55.119 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:129	Resp: 115654
Ion Ratio	Lower Upper
129 100	
127 77.6	54.5 101.3





#50

1,2-Dibromoethane

Concen: 60.297 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

Instrument :

MSVOA_U

ClientSampleId :

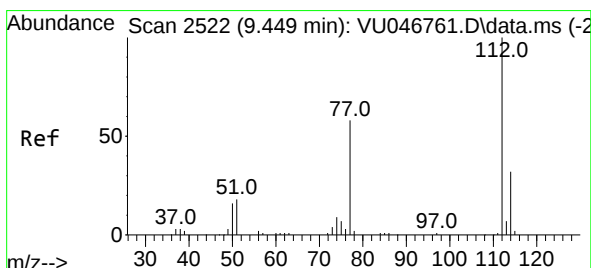
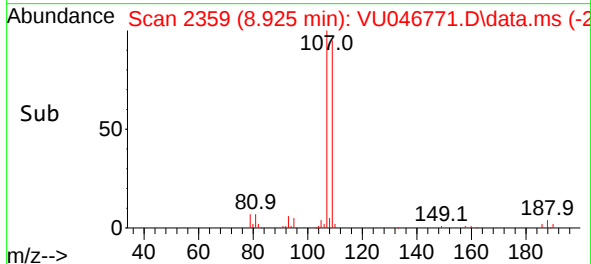
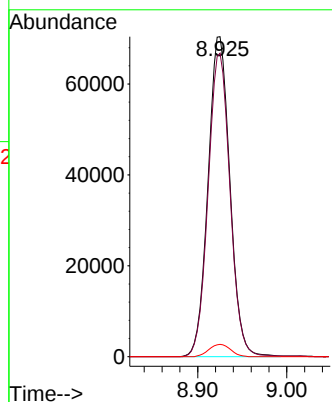
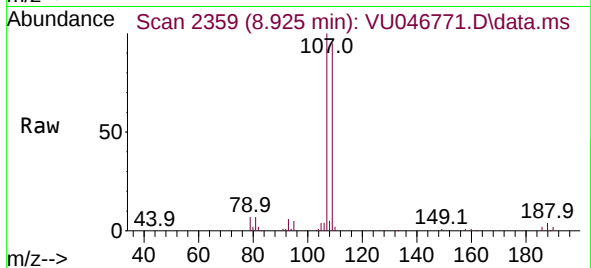
Tgt Ion:107 Resp: 120078

Ion Ratio Lower Upper

107 100

109 94.9 65.6 121.8

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 59.747 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU046771.D

Acq: 17 Jan 2022 17:49

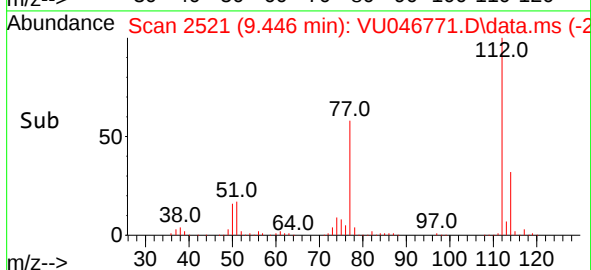
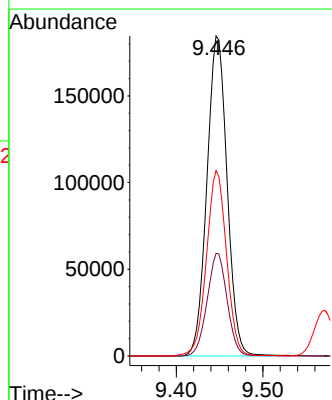
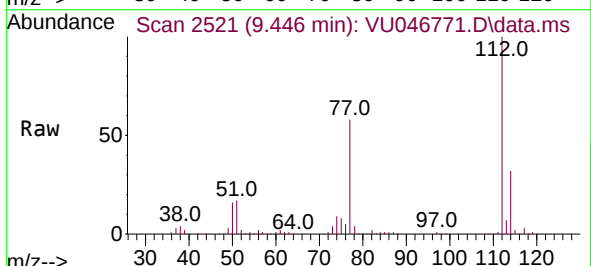
Tgt Ion:112 Resp: 299288

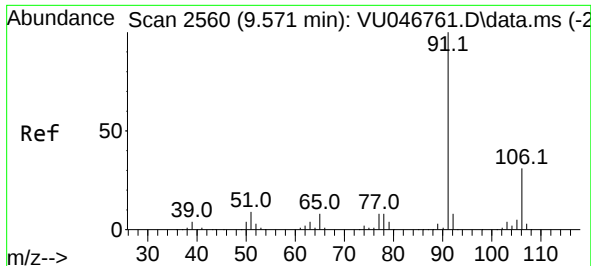
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 57.9 46.5 69.7

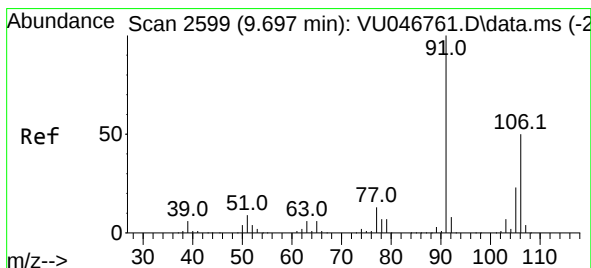
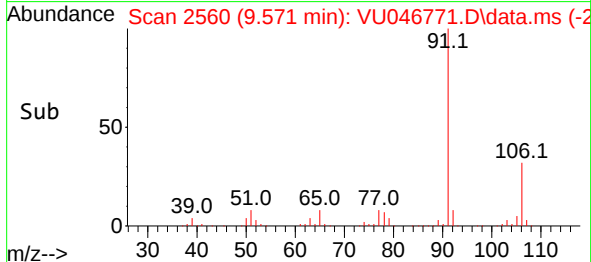
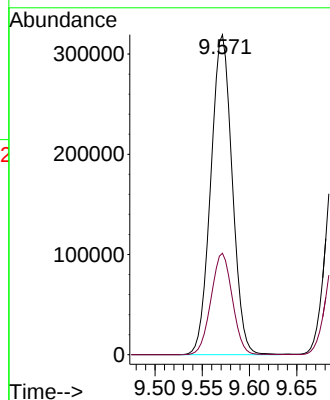
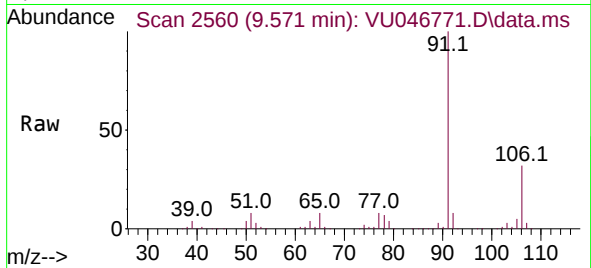




#52
Ethylbenzene
Concen: 61.542 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

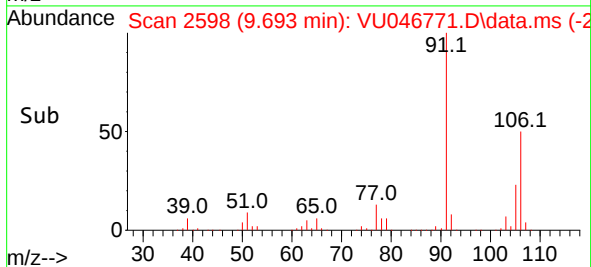
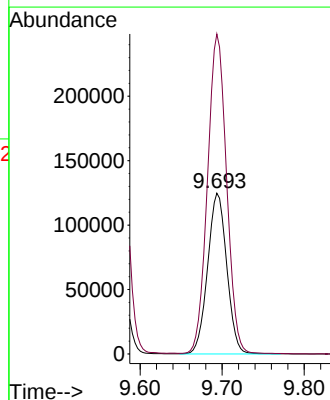
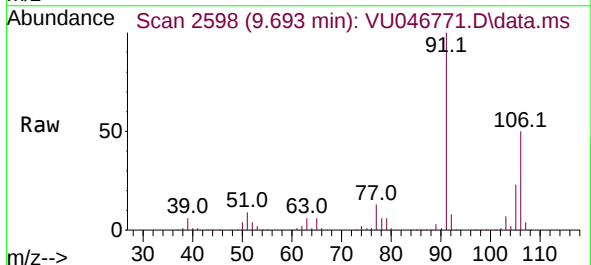
Instrument :
MSVOA_U
ClientSampleId :

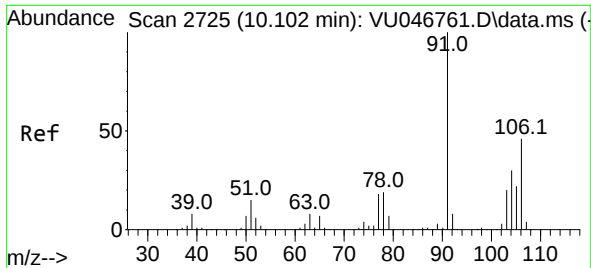
Tgt Ion: 91 Resp: 503160
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.4



#53
m,p-Xylene
Concen: 64.003 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion: 106 Resp: 202097
Ion Ratio Lower Upper
106 100
91 198.9 145.5 270.1

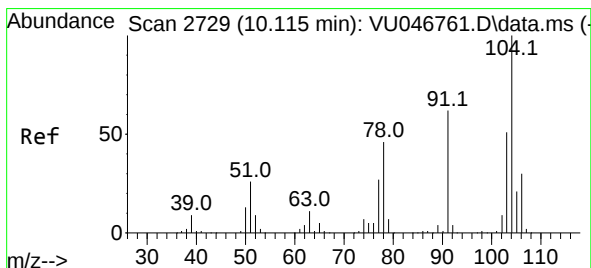
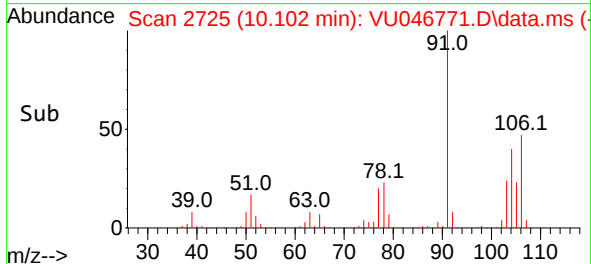
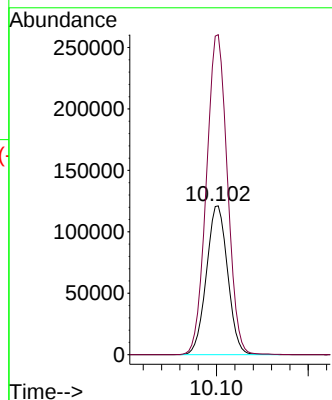
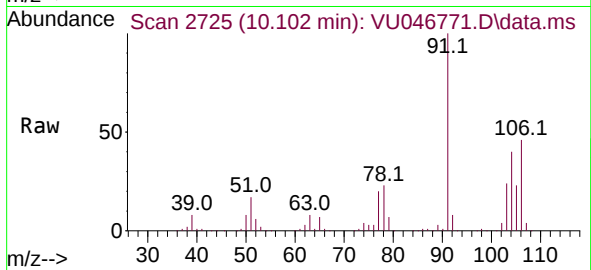




#54
o-xylene
Concen: 64.494 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

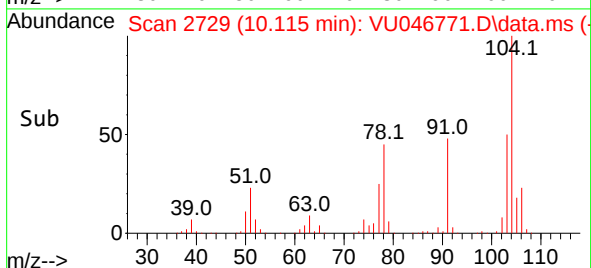
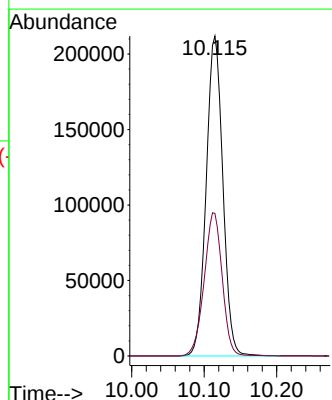
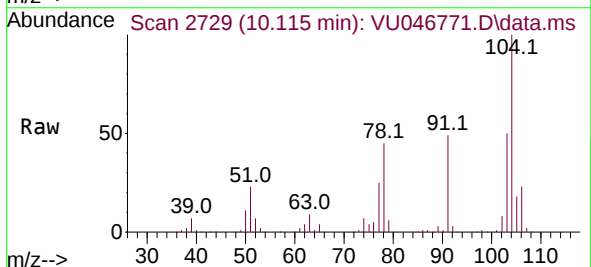
Instrument :
MSVOA_U
ClientSampleId :

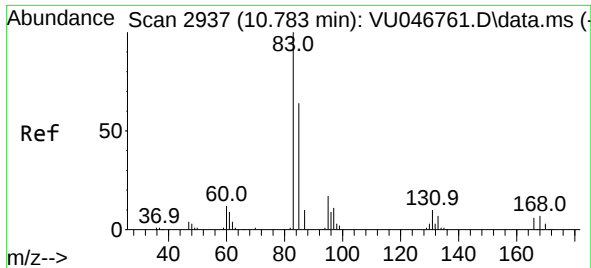
Tgt Ion:106 Resp: 194736
Ion Ratio Lower Upper
106 100
91 215.1 152.0 282.2



#55
Styrene
Concen: 63.984 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:104 Resp: 338091
Ion Ratio Lower Upper
104 100
78 44.5 32.6 60.6

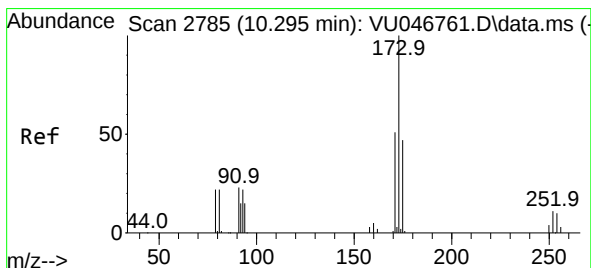
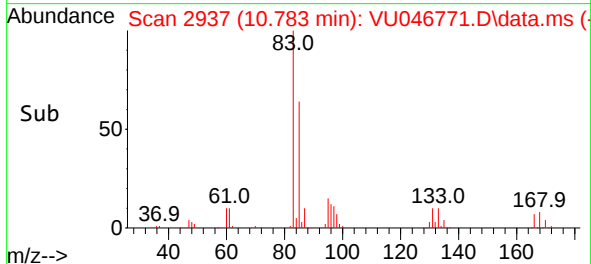
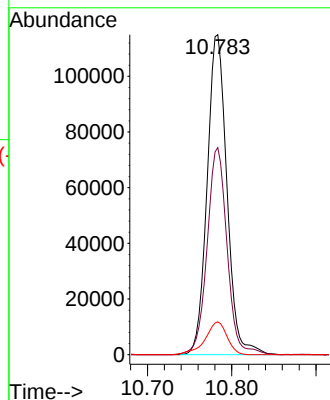
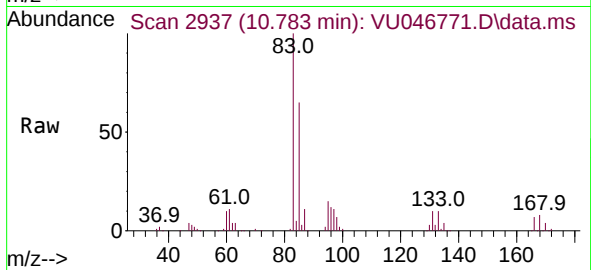




#57
1,1,2,2-Tetrachloroethane
Concen: 56.191 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

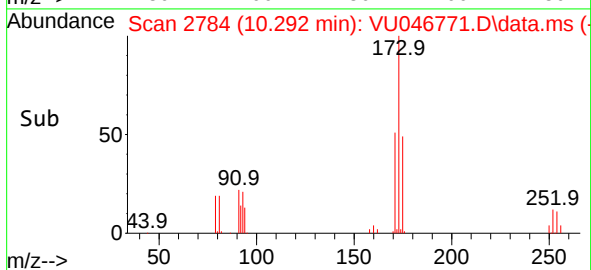
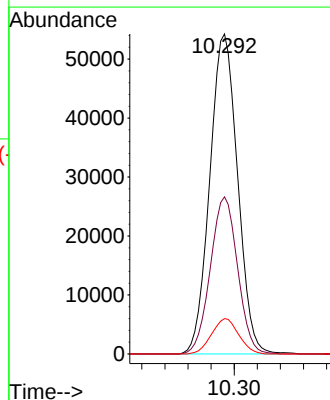
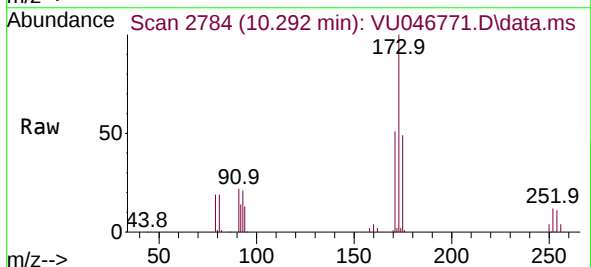
Instrument :
MSVOA_U
ClientSampleId :

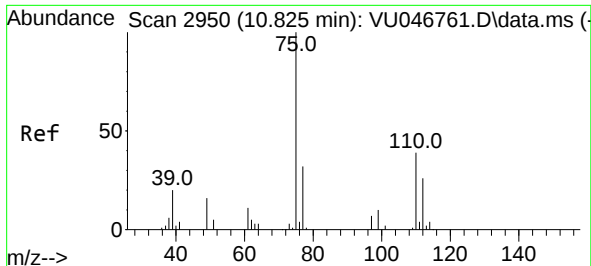
Tgt Ion: 83 Resp: 187756
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1
131 10.3 7.8 11.6



#59
Bromoform
Concen: 55.933 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:173 Resp: 90630
Ion Ratio Lower Upper
173 100
175 48.1 37.6 56.4
254 10.8 8.1 12.1

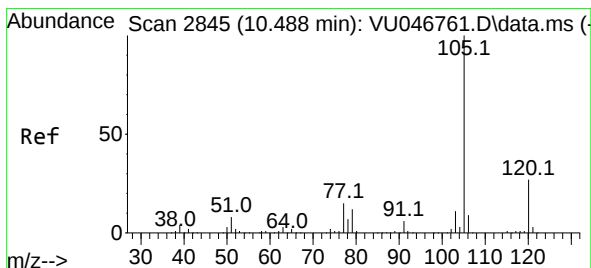
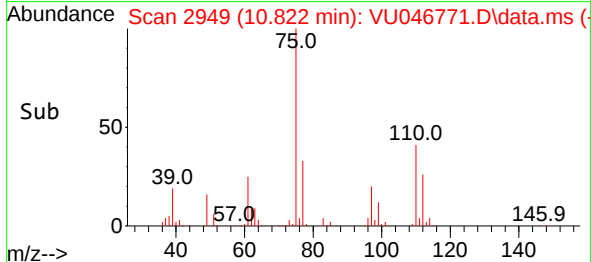
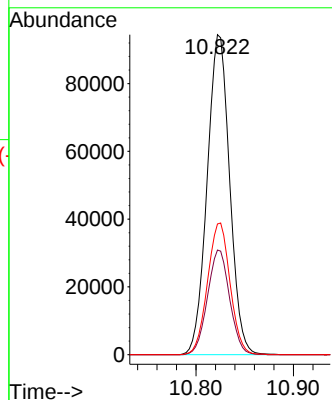
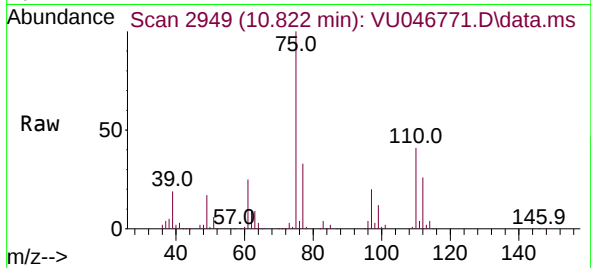




#60
1,2,3-Trichloropropane
Concen: 53.993 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

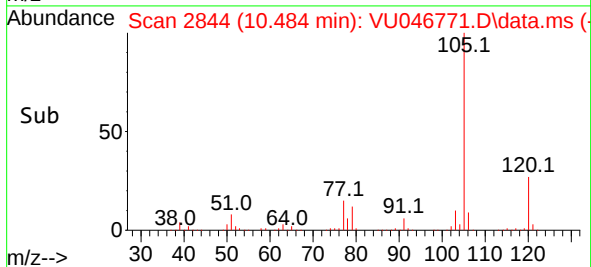
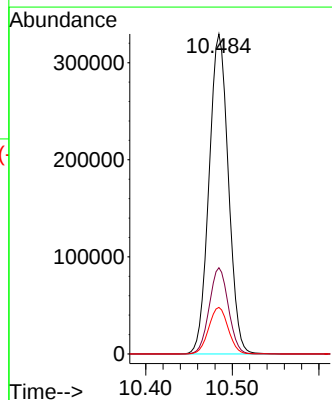
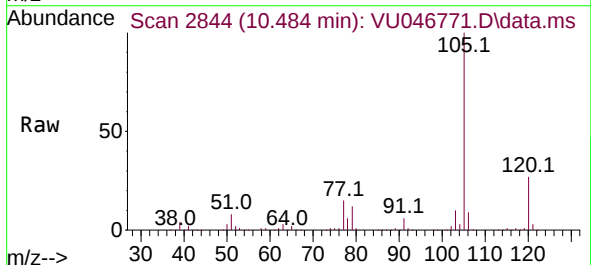
Instrument :
MSVOA_U
ClientSampleId :

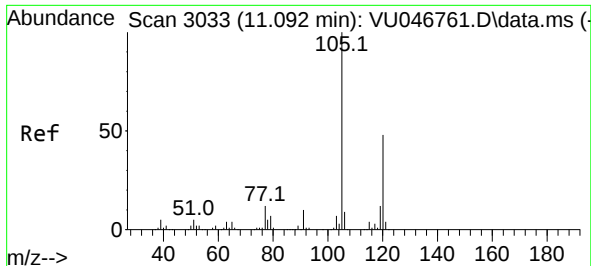
Tgt Ion: 75 Resp: 151499
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 41.2 32.5 48.7



#61
Isopropylbenzene
Concen: 62.727 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion: 105 Resp: 510919
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 14.7 12.6 18.8

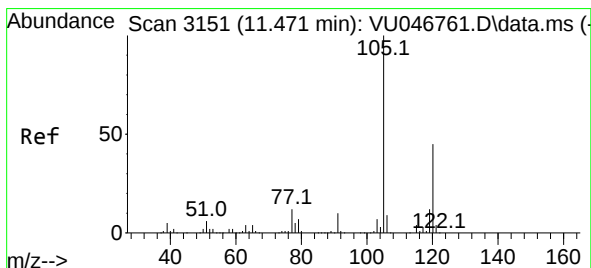
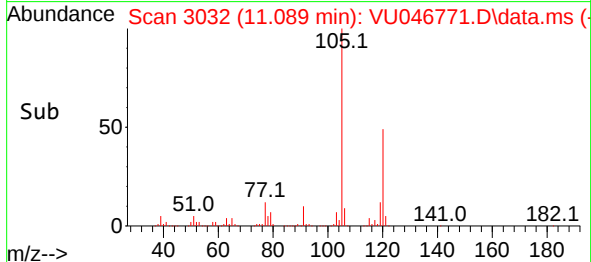
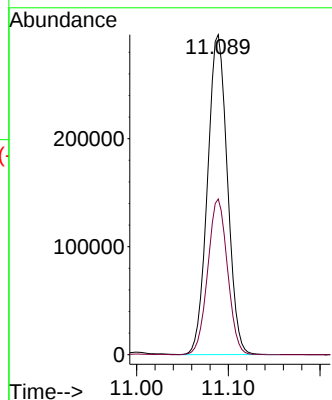
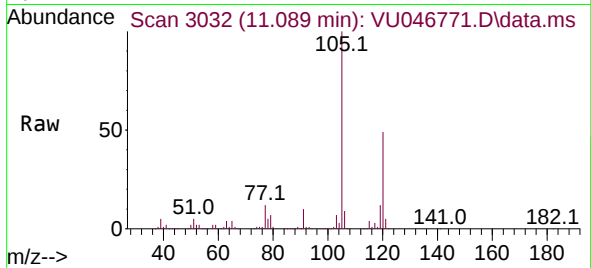




#62
1,3,5-Trimethylbenzene
Concen: 65.152 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

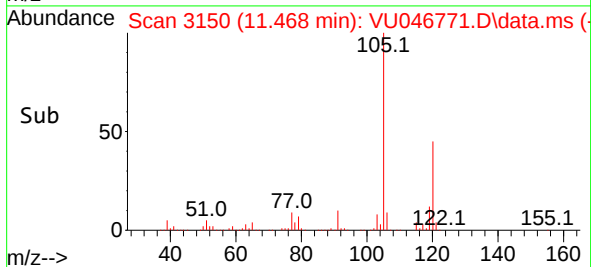
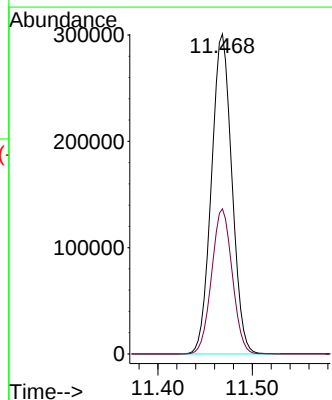
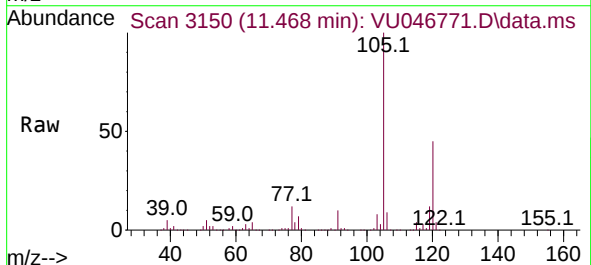
Instrument :
MSVOA_U
ClientSampleId :

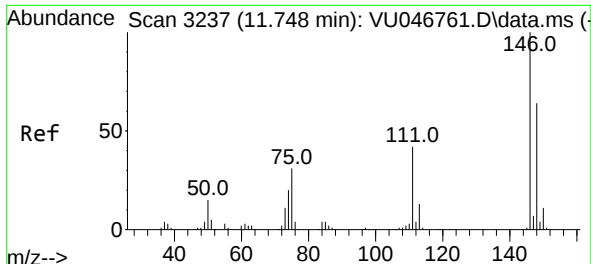
Tgt Ion:105 Resp: 446092
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 66.270 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:105 Resp: 452108
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.2

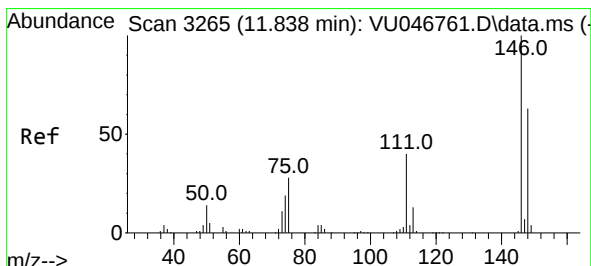
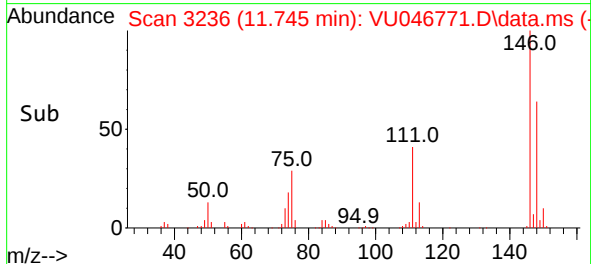
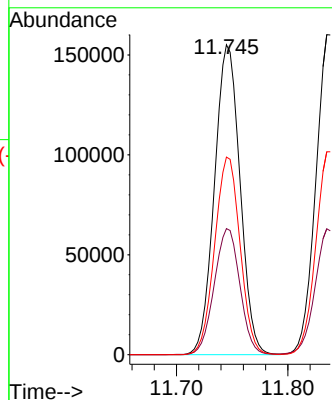
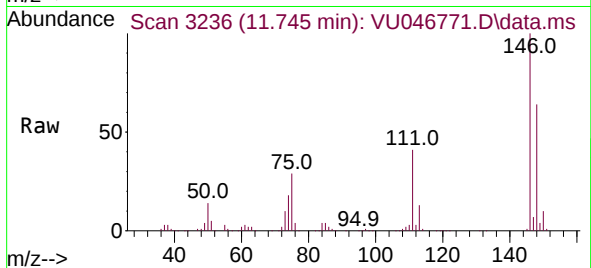




#64
1,3-Dichlorobenzene
Concen: 60.562 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

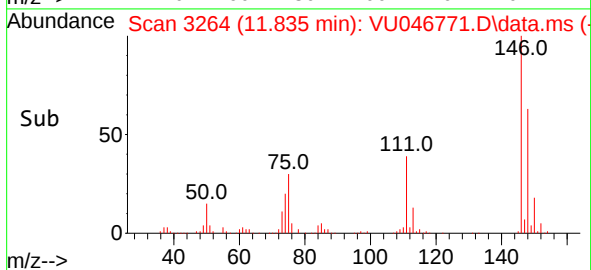
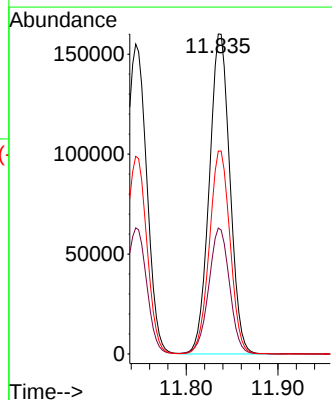
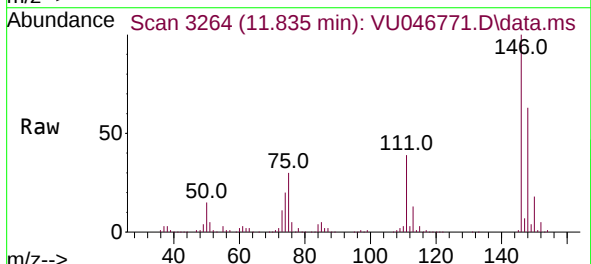
Instrument :
MSVOA_U
ClientSampleId :

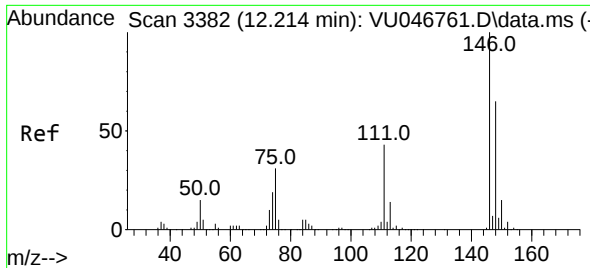
Tgt Ion:146 Resp: 247250
Ion Ratio Lower Upper
146 100
111 40.7 29.4 54.6
148 63.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 58.732 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

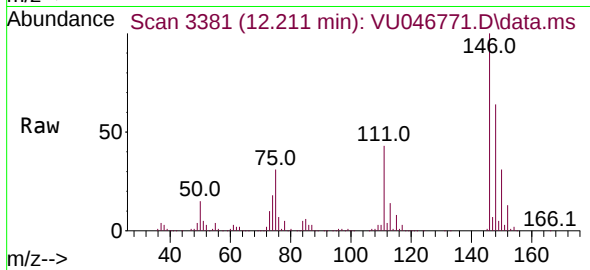
Tgt Ion:146 Resp: 249840
Ion Ratio Lower Upper
146 100
111 39.4 28.9 53.7
148 63.4 44.5 82.7



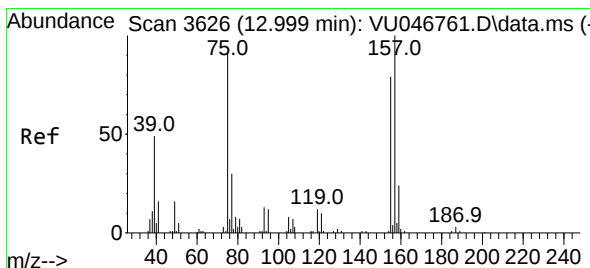
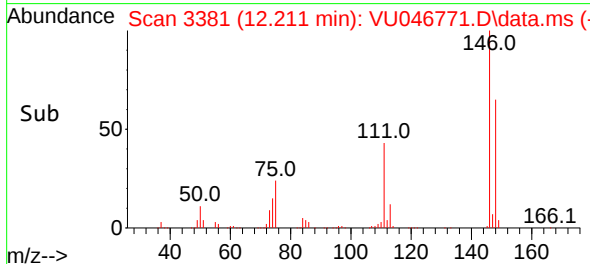
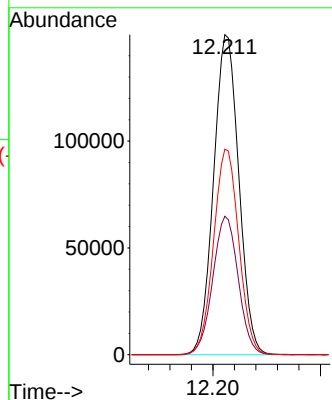


#67
1,2-Dichlorobenzene
Concen: 59.441 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :

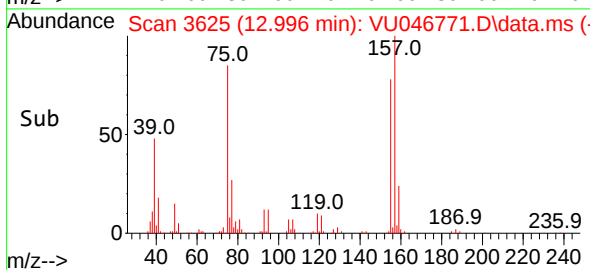
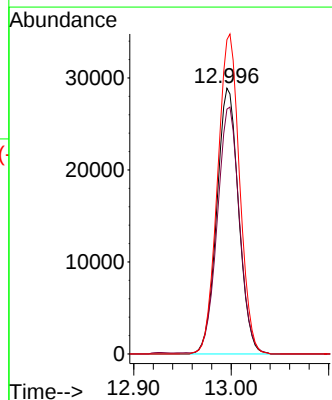
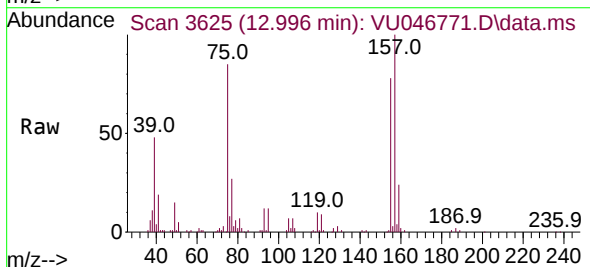


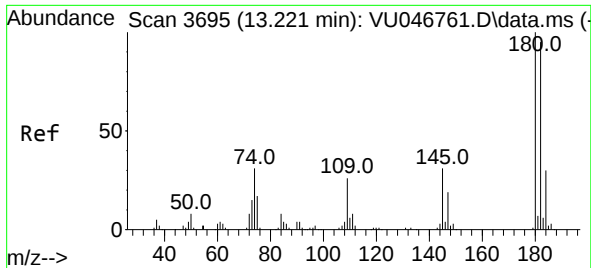
Tgt Ion:146 Resp: 243906
Ion Ratio Lower Upper
146 100
111 43.2 34.2 51.4
148 64.2 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 53.573 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

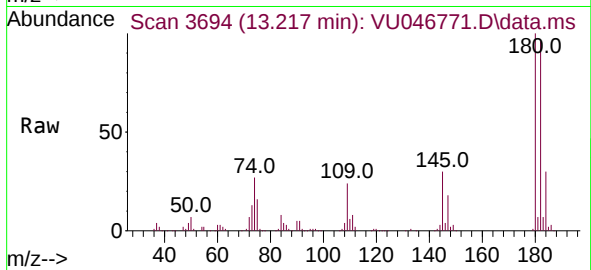
Tgt Ion: 75 Resp: 44999
Ion Ratio Lower Upper
75 100
155 92.1 65.0 97.4
157 118.3 79.7 119.5



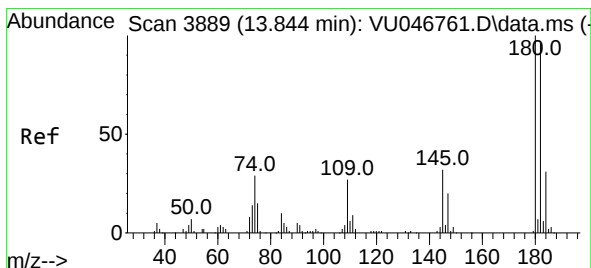
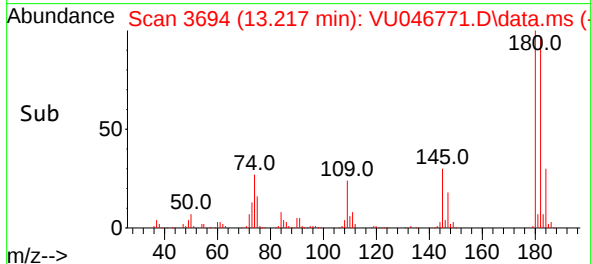
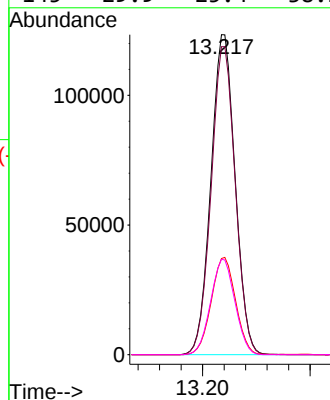


#69
 1,3,5-Trichlorobenzene
 Concen: 61.704 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU046771.D
 Acq: 17 Jan 2022 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

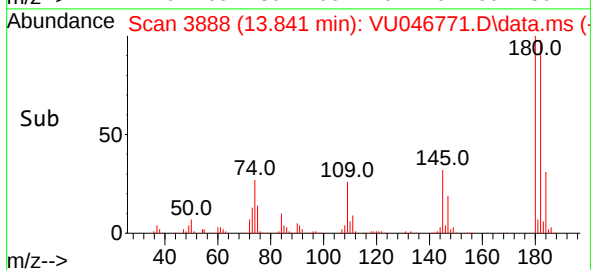
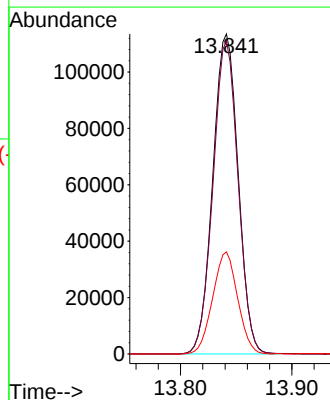
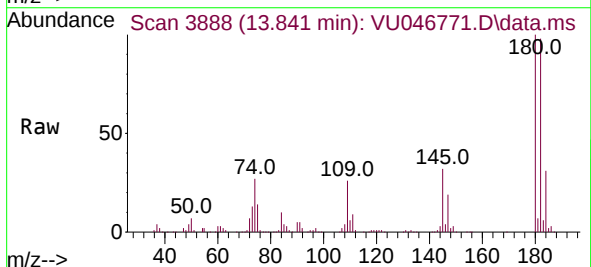


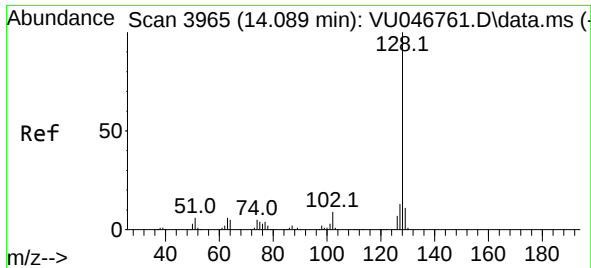
Tgt Ion:180 Resp: 192940
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.0 115.6
 184 30.6 24.7 37.1
 145 29.9 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 67.083 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU046771.D
 Acq: 17 Jan 2022 17:49

Tgt Ion:180 Resp: 179307
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.6 114.8
 145 31.4 25.2 37.8

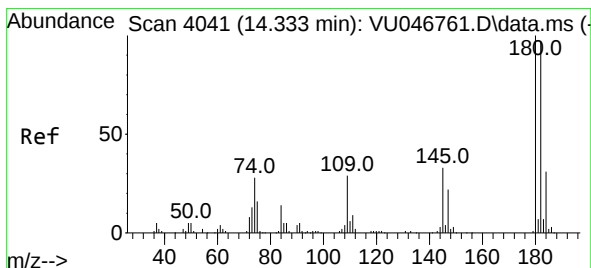
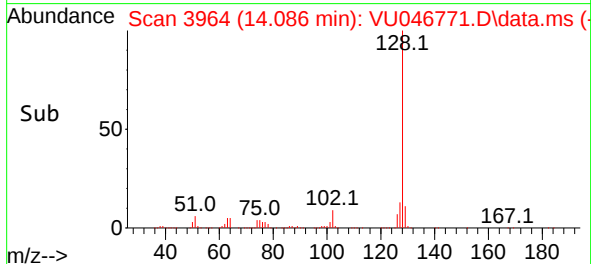
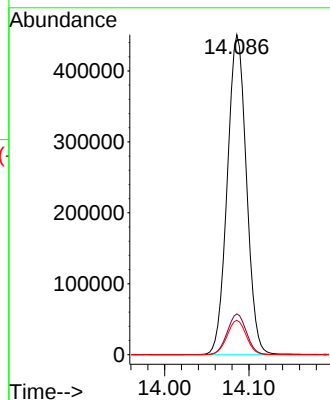
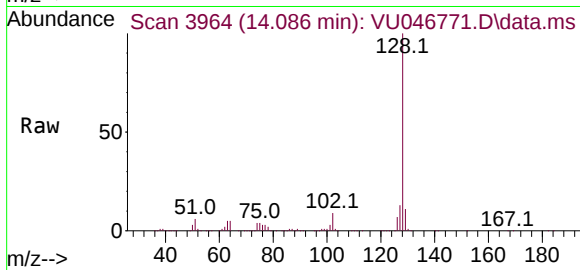




#71
Naphthalene
Concen: 81.834 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 711406
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 66.738 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046771.D
Acq: 17 Jan 2022 17:49

Tgt Ion:180 Resp: 180256
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 32.7 27.4 41.2

