

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046732.D
 Acq On : 11 Jan 2022 17:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:52:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	173553	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	165587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93212	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61461	40.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.160%
7) Chloroethane-d5	1.919	69	48049	42.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.420%
11) 1,1-Dichloroethene-d2	2.575	63	106520	41.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.700%
21) 2-Butanone-d5	4.639	46	94956	85.668	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.670%
24) Chloroform-d	5.067	84	113239	42.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.820%
26) 1,2-Dichloroethane-d4	5.703	65	72563	42.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.720%
32) Benzene-d6	5.729	84	226786	43.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	6.690	67	66689	42.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.600%
41) Toluene-d8	7.899	98	211868	45.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	8.179	79	33485	44.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.636	63	78702	93.957	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	106683	43.687	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	84503	43.812	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	70023	43.797	ug/L	99
3) Chloromethane	1.523	50	63253	44.456	ug/L	99
5) Vinyl chloride	1.607	62	66752	45.264	ug/L	99
6) Bromomethane	1.864	94	42822	45.837	ug/L	96
8) Chloroethane	1.941	64	41928	46.973	ug/L	97
9) Trichlorofluoromethane	2.144	101	102165	47.067	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58091	47.585	ug/L	98
12) 1,1-Dichloroethene	2.588	96	52229	45.436	ug/L	92
13) Acetone	2.658	43	97754	92.669	ug/L	99
14) Carbon disulfide	2.800	76	135511	39.658	ug/L	100
15) Methyl Acetate	2.961	43	67411	50.033	ug/L	100
16) Methylene chloride	3.051	84	62248	43.961	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	55923	46.533	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	183255	51.323	ug/L	99
19) 1,1-Dichloroethane	3.874	63	104240	47.558	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	62353	48.410	ug/L	98
22) 2-Butanone	4.719	43	116012	96.469	ug/L	97
23) Bromochloromethane	4.980	128	33215	48.243	ug/L	93
25) Chloroform	5.092	83	114911	47.998	ug/L	97

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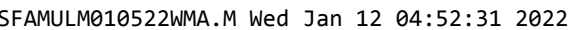
Instrument :
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 ClientSampleId :

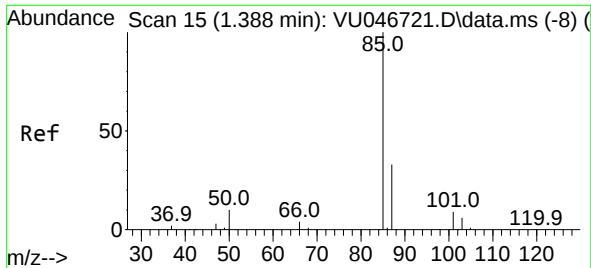
Quant Time: Jan 12 04:52:25 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	89323	48.562	ug/L	100
29) Cyclohexane	5.391	56	81887	46.521	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	100076	49.406	ug/L	99
31) Carbon tetrachloride	5.530	117	84901	48.387	ug/L	99
33) Benzene	5.777	78	240359	48.800	ug/L	100
34) Trichloroethene	6.546	95	61607	47.688	ug/L	96
35) Methylcyclohexane	6.764	83	96051	47.878	ug/L	99
37) 1,2-Dichloropropane	6.793	63	61876	49.096	ug/L	100
38) Bromodichloromethane	7.108	83	84649	48.839	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	96808	49.918	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	176556	102.473	ug/L	98
42) Toluene	7.970	91	261996	50.437	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	96785	51.441	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	65490	50.857	ug/L	97
46) Tetrachloroethene	8.555	164	48720	49.706	ug/L	97
48) 2-Hexanone	8.687	43	153789	105.309	ug/L	99
49) Dibromochloromethane	8.809	129	70779	50.046	ug/L	99
50) 1,2-Dibromoethane	8.925	107	69701	51.927	ug/L	99
51) Chlorobenzene	9.446	112	169067	50.074	ug/L	98
52) Ethylbenzene	9.571	91	283657	51.473	ug/L	99
53) m,p-Xylene	9.693	106	112689	52.947	ug/L	98
54) o-xylene	10.102	106	109036	53.575	ug/L	100
55) Styrene	10.115	104	192269	53.985	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	113152	50.241	ug/L	99
59) Bromoform	10.291	173	53033	46.820	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	94023	47.935	ug/L	99
61) Isopropylbenzene	10.484	105	290845	51.081	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	248234	51.863	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	250680	52.564	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	140935	49.383	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	144045	48.440	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	142169	49.564	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	28311	48.216	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	110171	50.402	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	95602	51.165	ug/L	99
71) Naphthalene	14.085	128	332039	54.638	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	99900	52.911	ug/L	99

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

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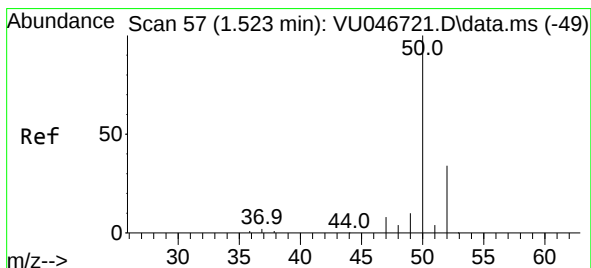
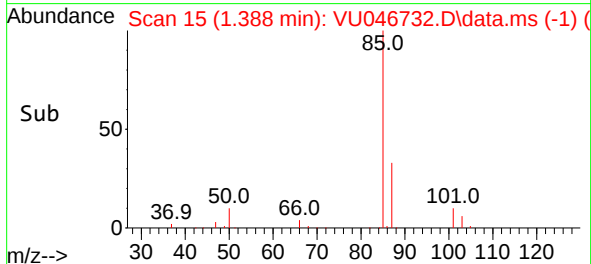
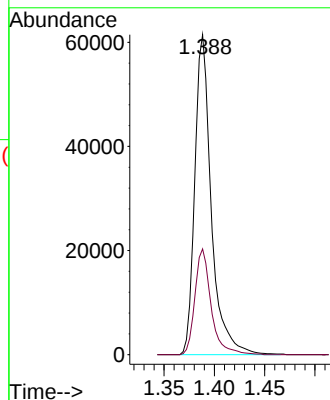
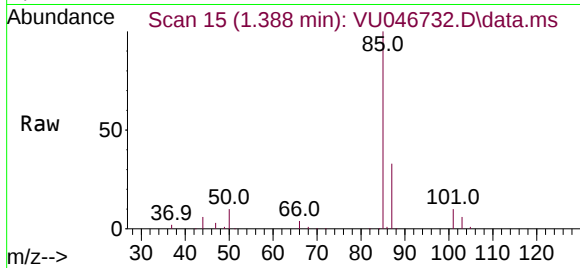




#2
 Dichlorodifluoromethane
 Concen: 43.797 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

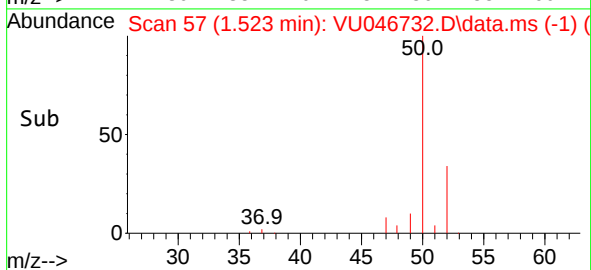
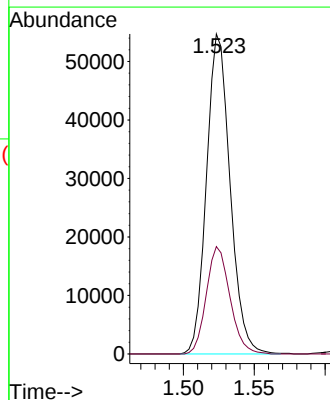
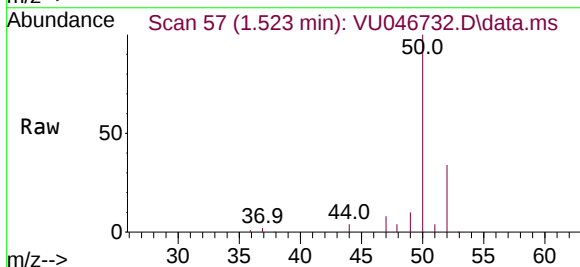
Instrument :
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 ClientSampleId :

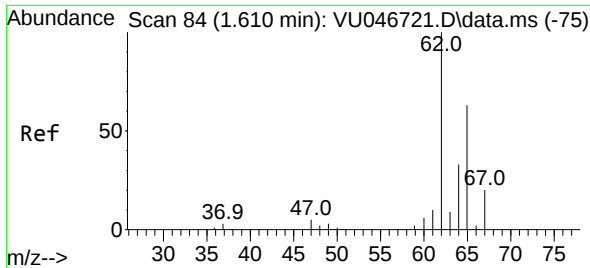
Tgt Ion: 85 Resp: 70023
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 44.456 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

Tgt Ion: 50 Resp: 63253
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

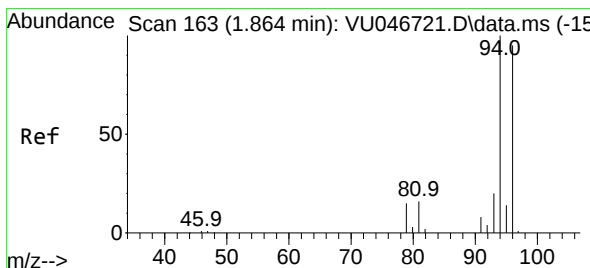
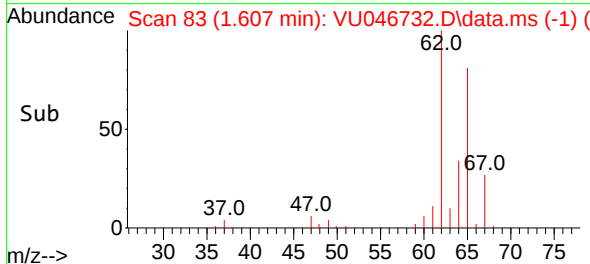
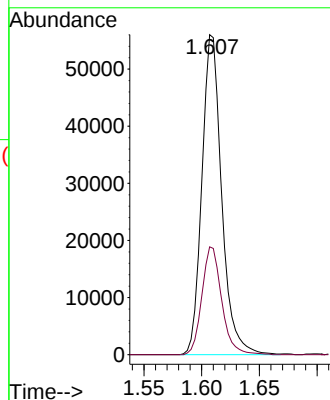
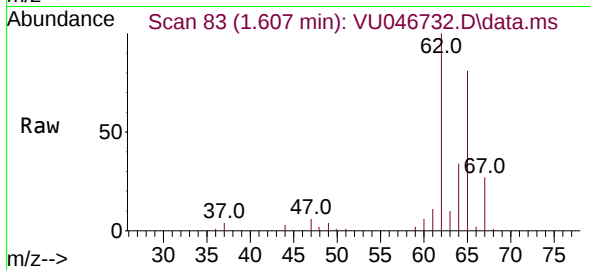




#5
 Vinyl chloride
 Concen: 45.264 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

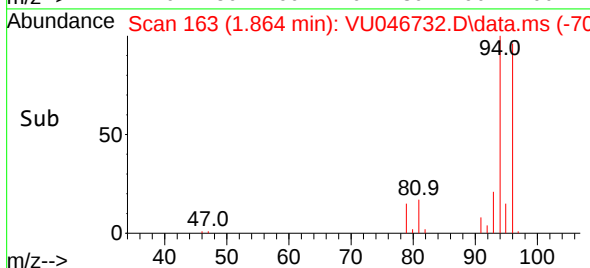
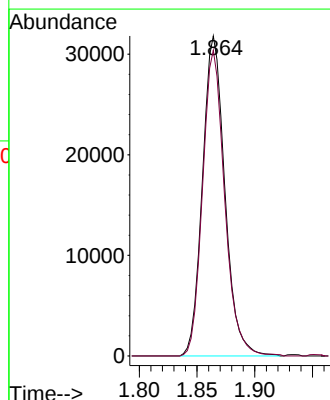
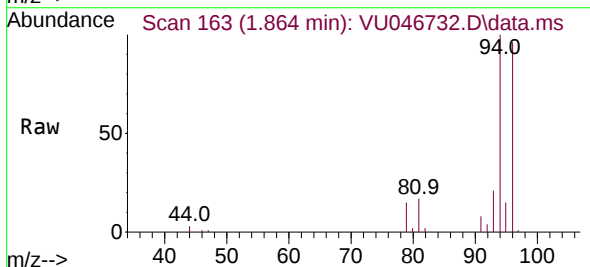
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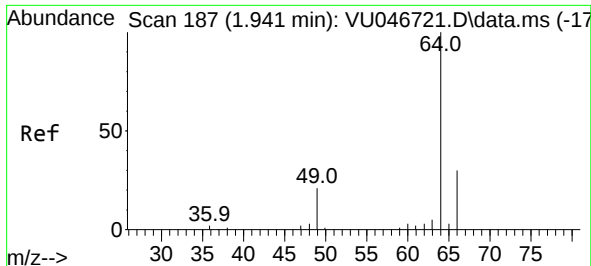
Tgt Ion: 62 Resp: 66752
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 45.837 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

Tgt Ion: 94 Resp: 42822
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.4 119.6

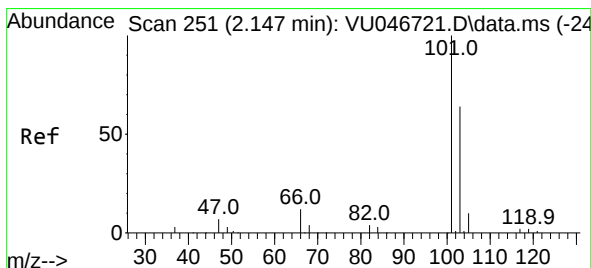
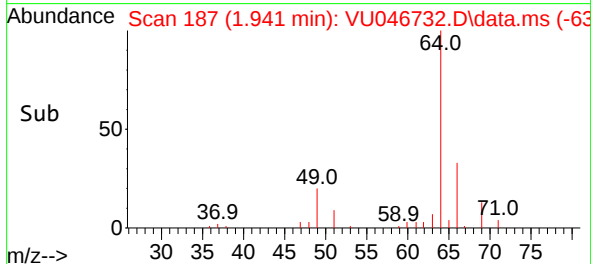
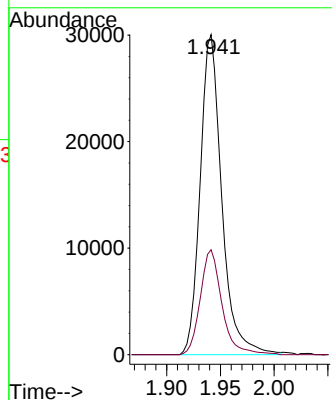
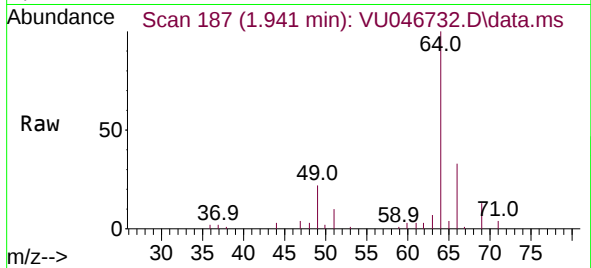




#8
Chloroethane
Concen: 46.973 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

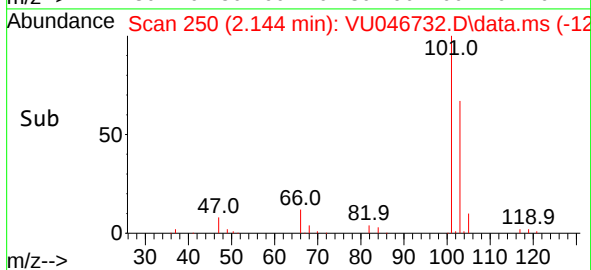
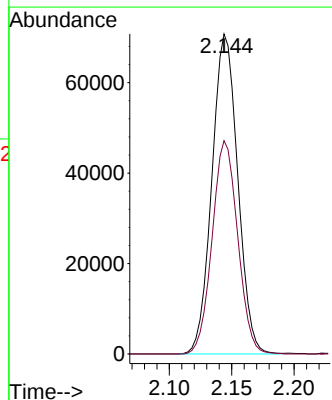
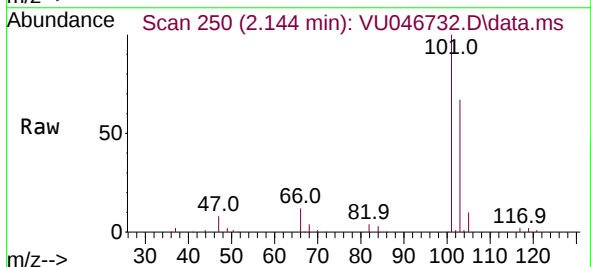
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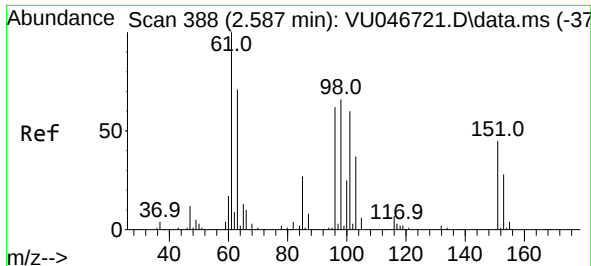
Tgt Ion: 64 Resp: 41928
Ion Ratio Lower Upper
64 100
66 32.8 24.4 45.2



#9
Trichlorofluoromethane
Concen: 47.067 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:101 Resp: 102165
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

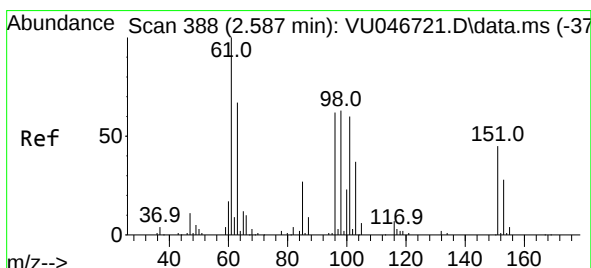
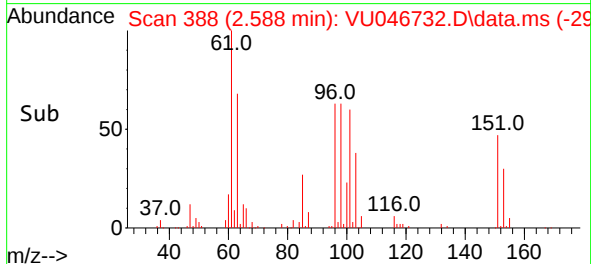
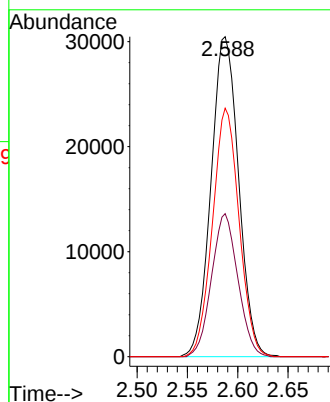
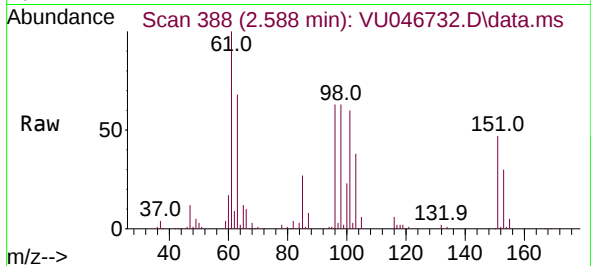




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.585 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

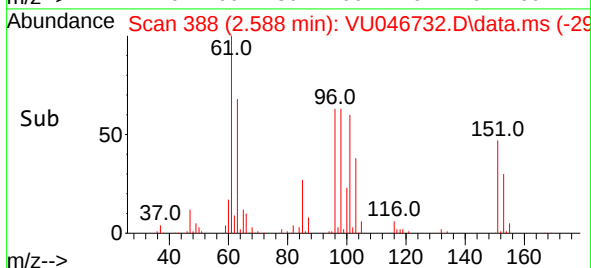
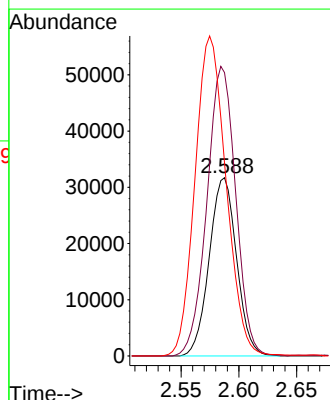
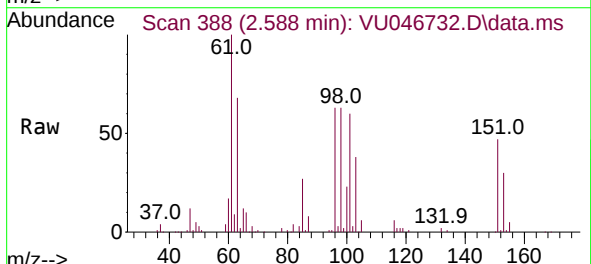
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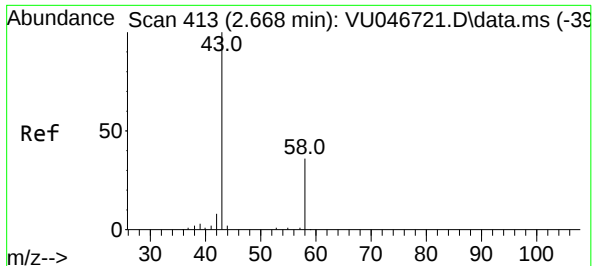
Tgt Ion: 101 Resp: 58091
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.9 52.3
 151 74.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 45.436 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

Tgt Ion: 96 Resp: 52229
 Ion Ratio Lower Upper
 96 100
 61 158.9 114.9 213.3
 63 108.4 86.0 159.8





#13

Acetone

Concen: 92.669 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

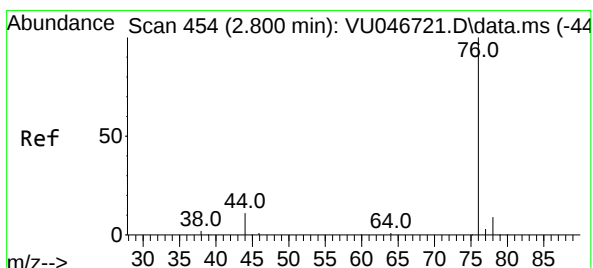
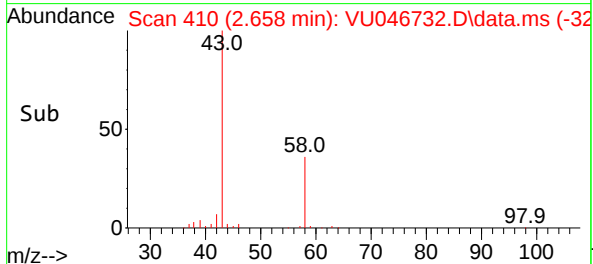
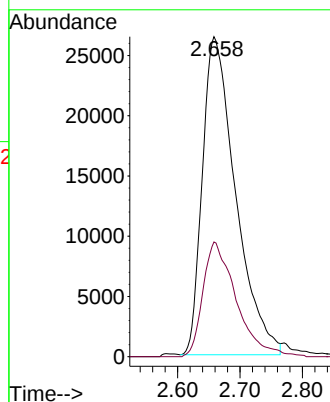
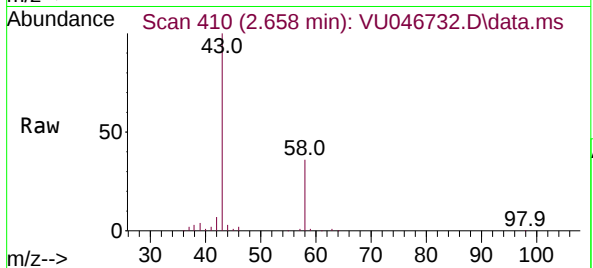
ClientSampleId :

Tgt Ion: 43 Resp: 97754

Ion Ratio Lower Upper

43 100

58 36.2 0.0 71.0



#14

Carbon disulfide

Concen: 39.658 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046732.D

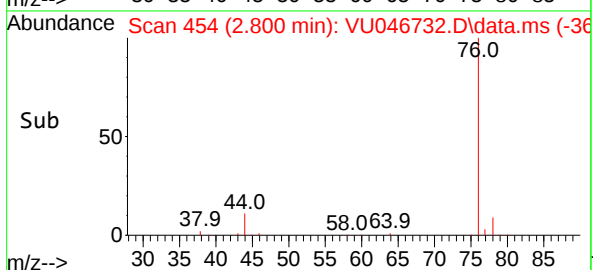
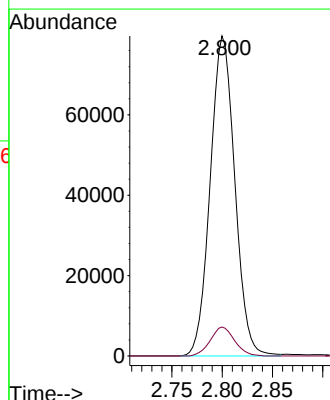
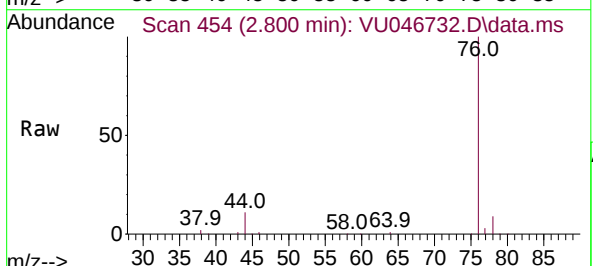
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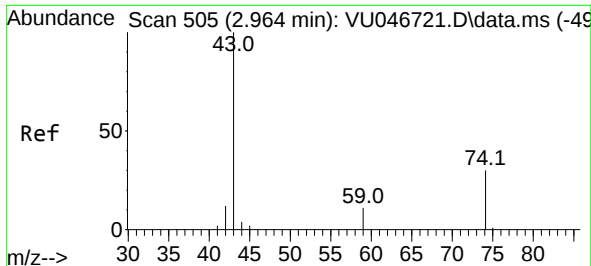
Tgt Ion: 76 Resp: 135511

Ion Ratio Lower Upper

76 100

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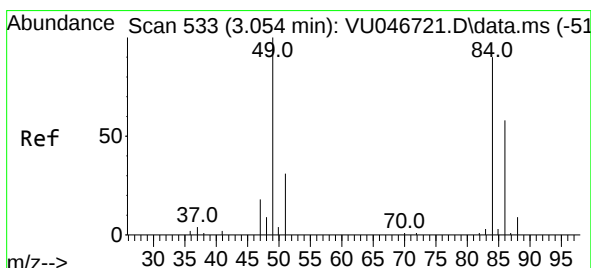
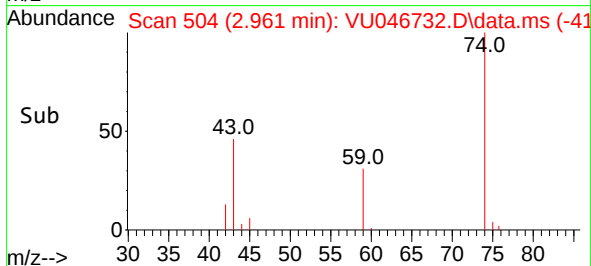
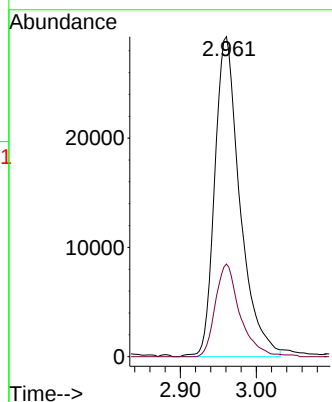
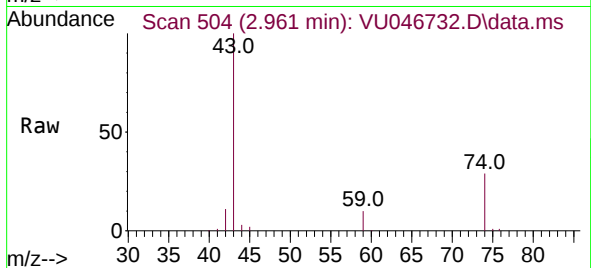




#15
Methyl Acetate
Concen: 50.033 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

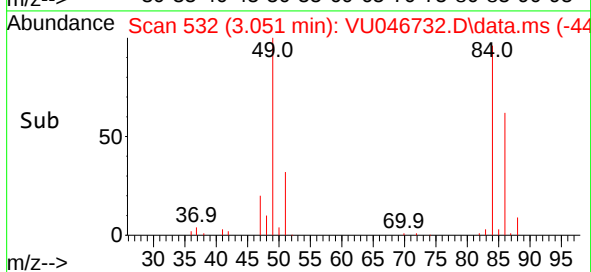
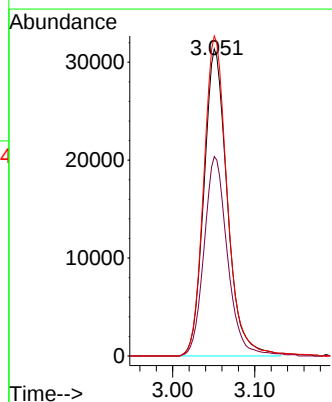
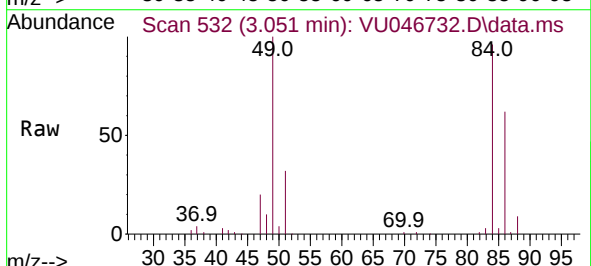
Instrument :
MSVOA_U
ClientSampleId :

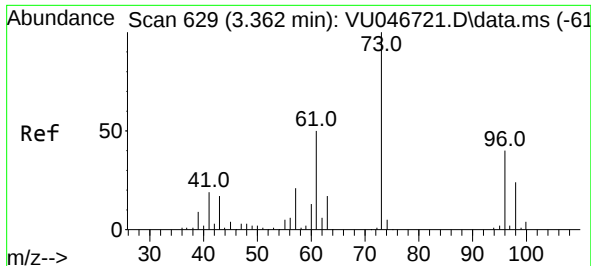
Tgt Ion: 43 Resp: 67411
Ion Ratio Lower Upper
43 100
74 28.0 22.3 33.5



#16
Methylene chloride
Concen: 43.961 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion: 84 Resp: 62248
Ion Ratio Lower Upper
84 100
86 64.9 44.7 82.9
49 104.2 75.9 141.1

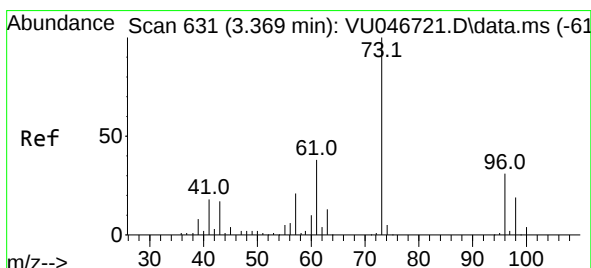
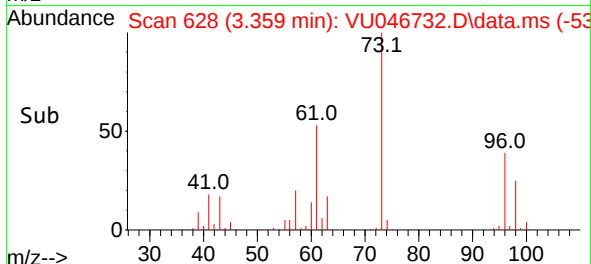
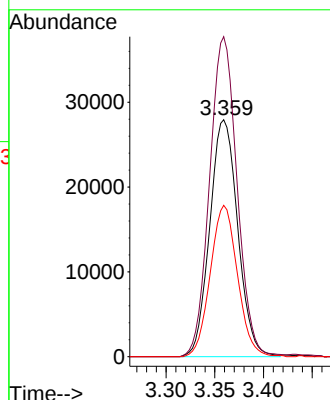
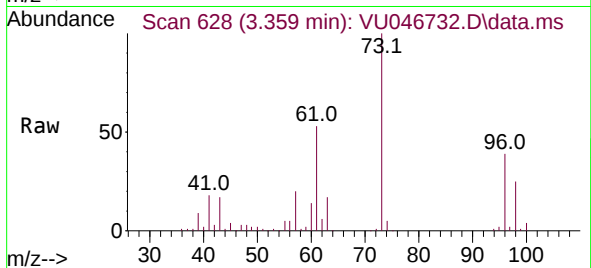




#17
trans-1,2-Dichloroethene
Concen: 46.533 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

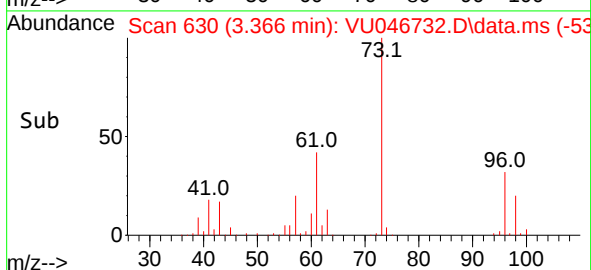
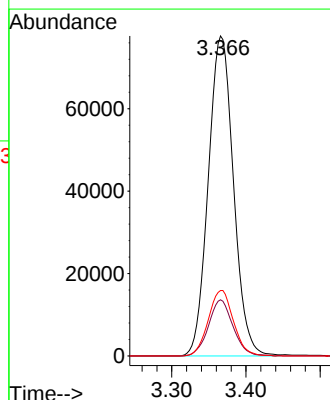
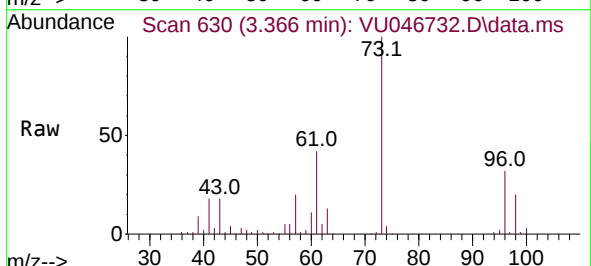
Instrument :
MSVOA_U
ClientSampleId :

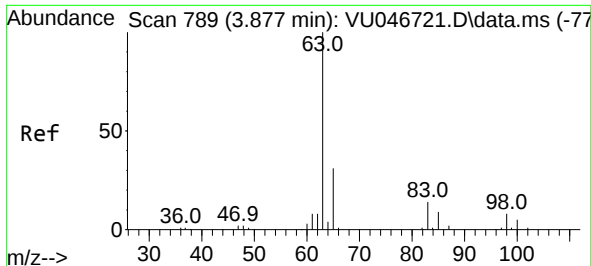
Tgt Ion: 96 Resp: 55923
Ion Ratio Lower Upper
96 100
61 135.1 92.5 171.9
98 63.9 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 51.323 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion: 73 Resp: 183255
Ion Ratio Lower Upper
73 100
43 17.0 14.1 21.1
57 20.3 16.4 24.6





#19

1,1-Dichloroethane

Concen: 47.558 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

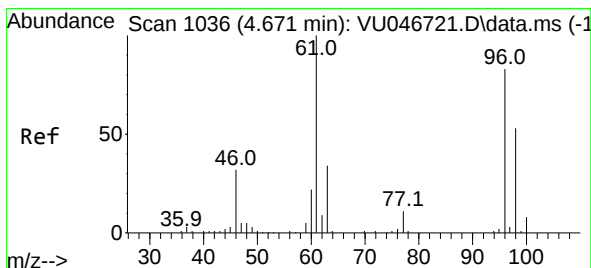
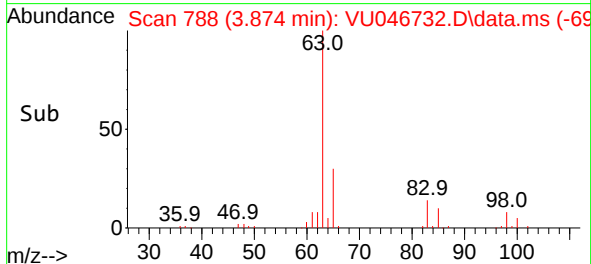
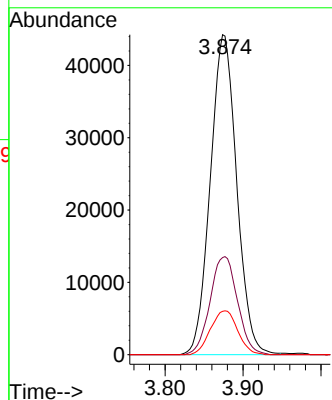
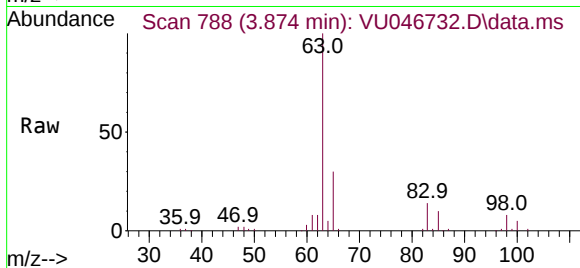
Tgt Ion: 63 Resp: 104240

Ion Ratio Lower Upper

63 100

65 30.4 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 48.410 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

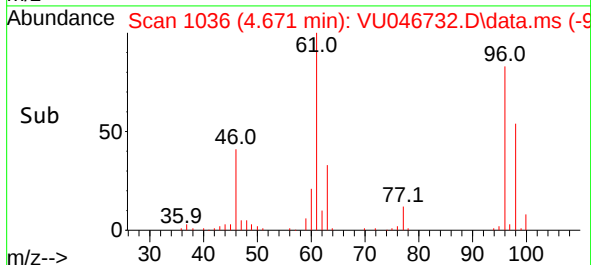
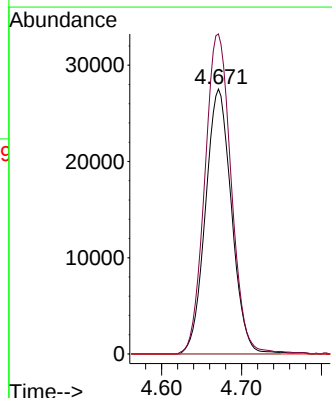
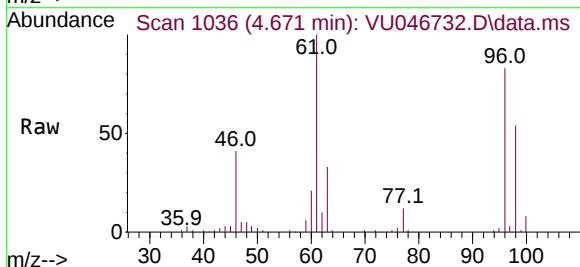
Tgt Ion: 96 Resp: 62353

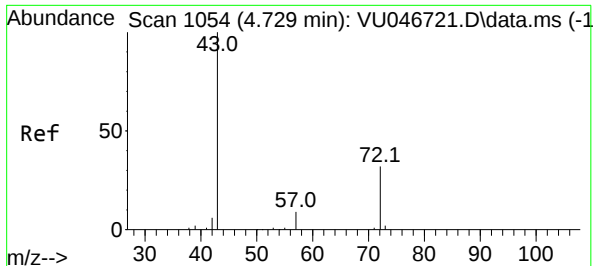
Ion Ratio Lower Upper

96 100

61 120.8 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 96.469 ug/L

RT: 4.719 min Scan# 116012

Delta R.T. -0.010 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

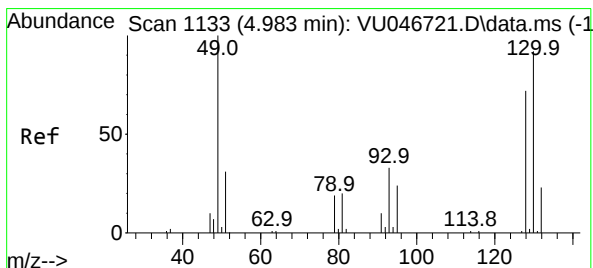
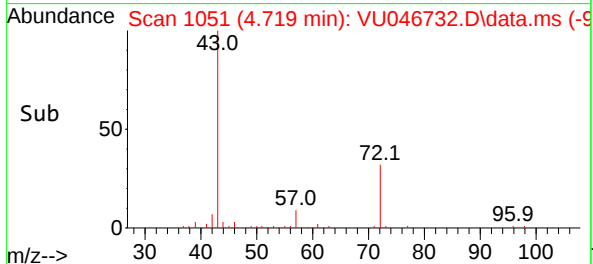
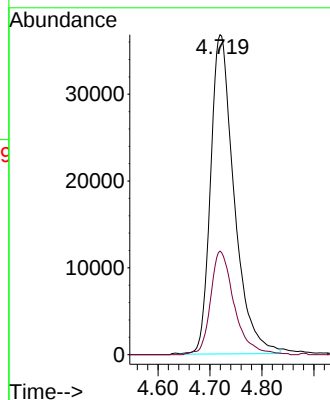
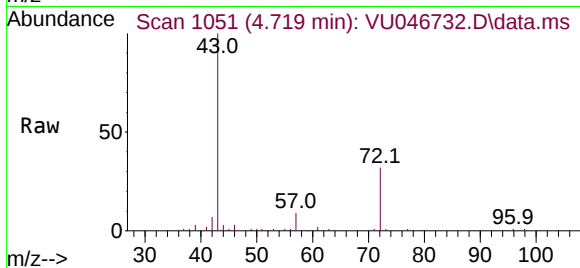
ClientSampleId :

Tgt Ion: 43 Resp: 116012

Ion Ratio Lower Upper

43 100

72 32.6 15.6 46.8



#23

Bromochloromethane

Concen: 48.243 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Tgt Ion: 128 Resp: 33215

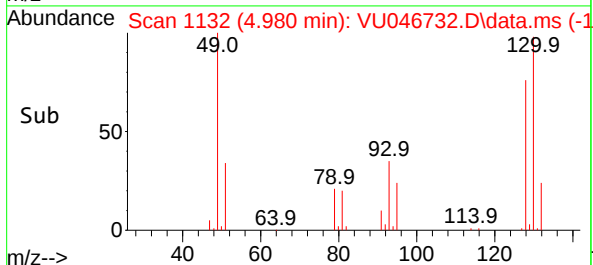
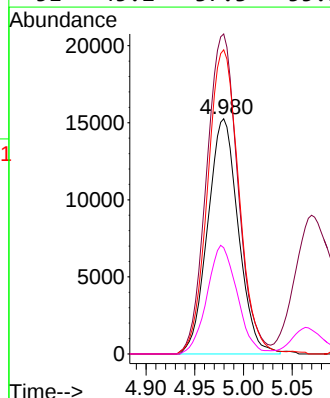
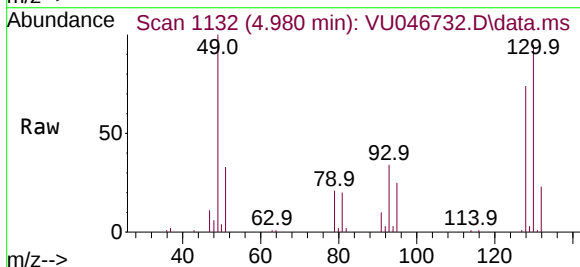
Ion Ratio Lower Upper

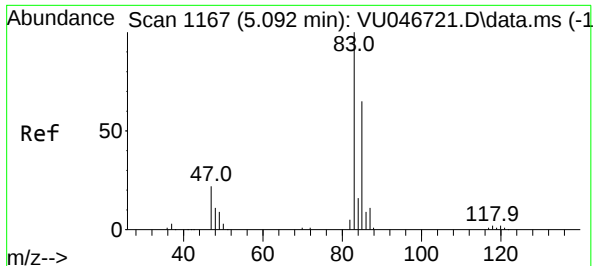
128 100

49 136.1 105.4 195.8

130 129.3 88.7 164.7

51 45.2 37.3 55.9





#25

Chloroform

Concen: 47.998 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

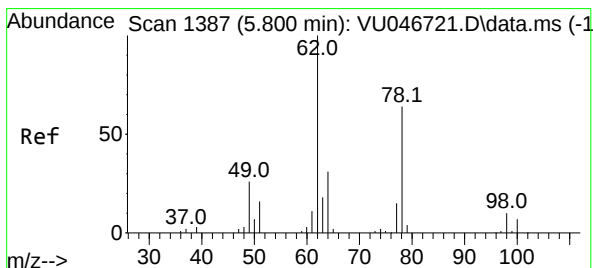
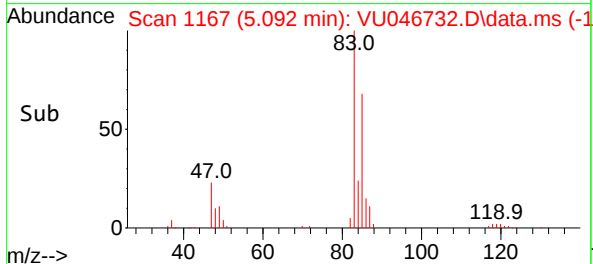
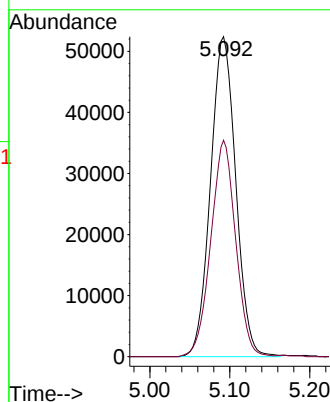
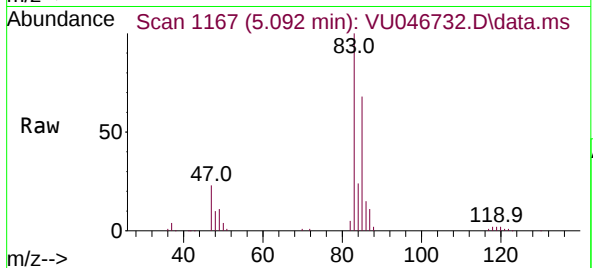
ClientSampleId :

Tgt Ion: 83 Resp: 114911

Ion Ratio Lower Upper

83 100

85 67.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 48.562 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046732.D

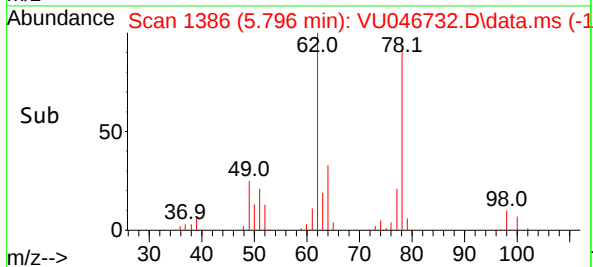
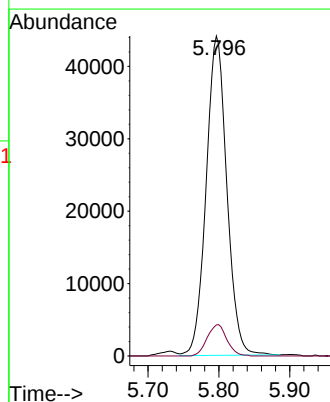
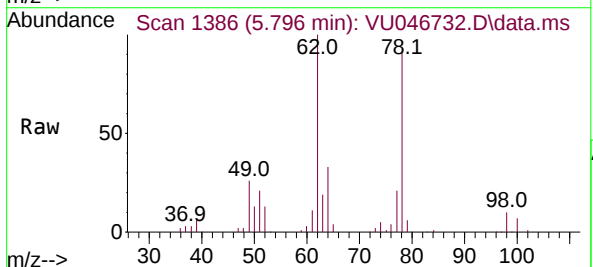
Acq: 11 Jan 2022 17:42

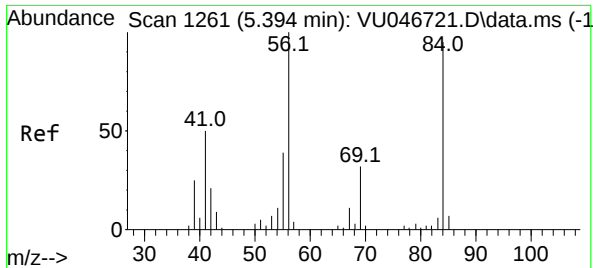
Tgt Ion: 62 Resp: 89323

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5





#29

Cyclohexane

Concen: 46.521 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

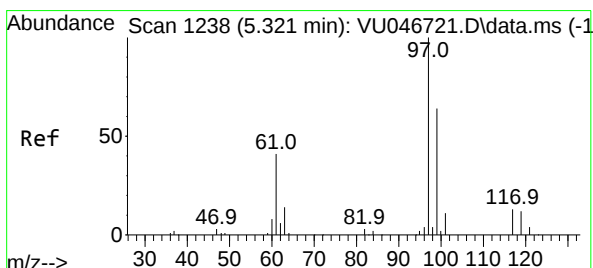
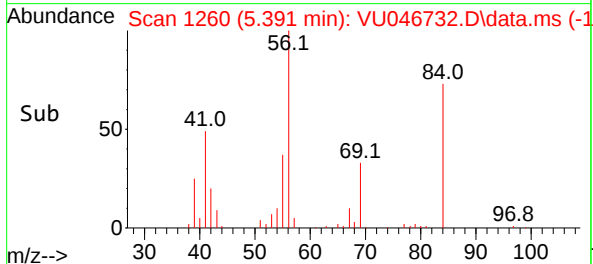
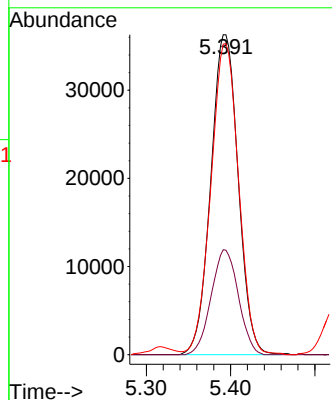
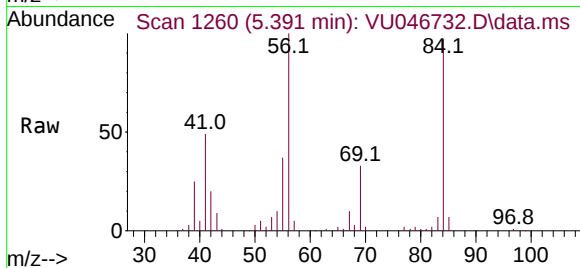
Tgt Ion: 56 Resp: 81887

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

84 98.4 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 49.406 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

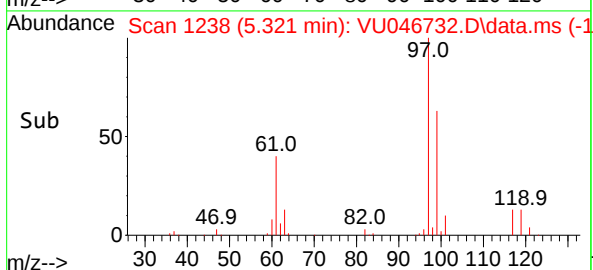
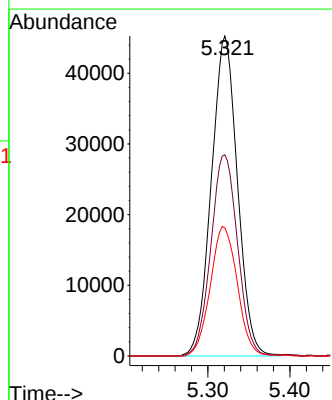
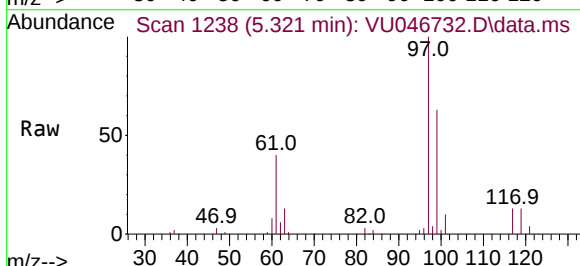
Tgt Ion: 97 Resp: 100076

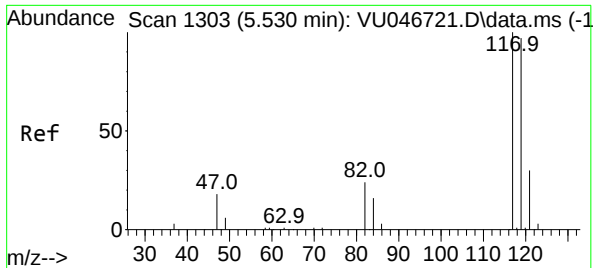
Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 41.8 34.1 51.1

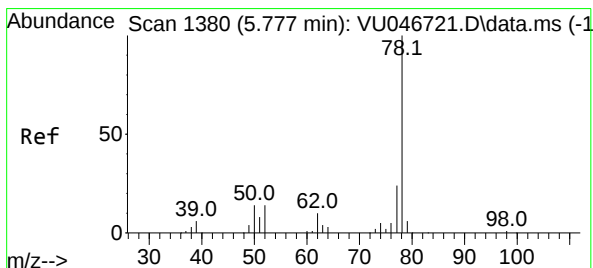
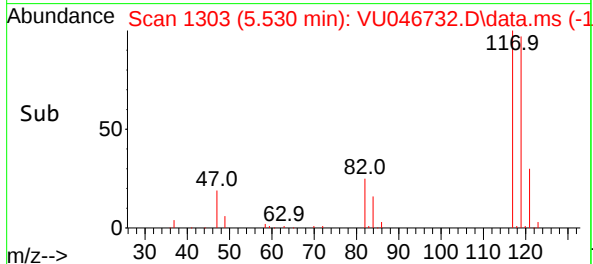
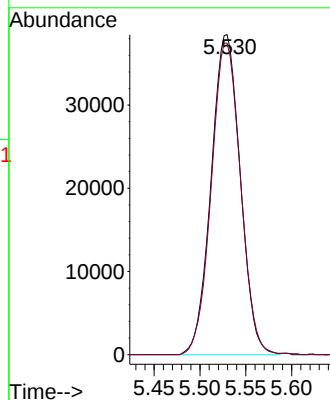
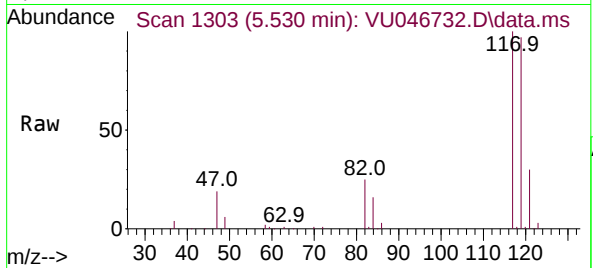




#31
Carbon tetrachloride
Concen: 48.387 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

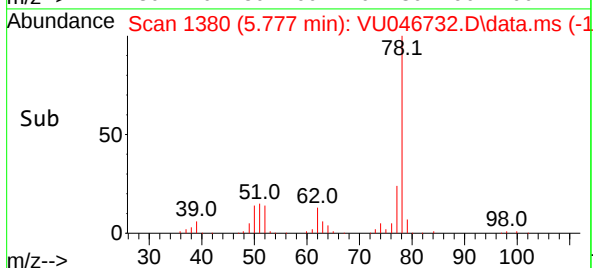
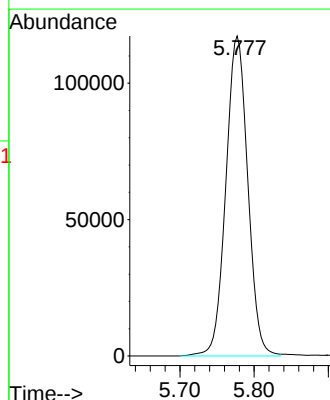
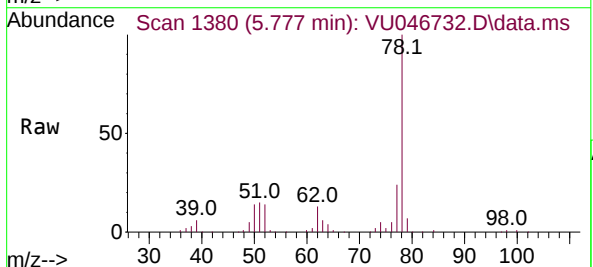
Instrument :
MSVOA_U
ClientSampleId :

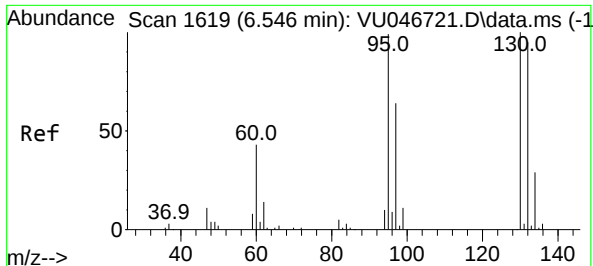
Tgt Ion:117 Resp: 84901
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3



#33
Benzene
Concen: 48.800 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion: 78 Resp: 240359

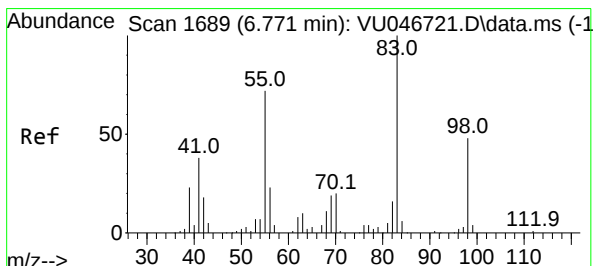
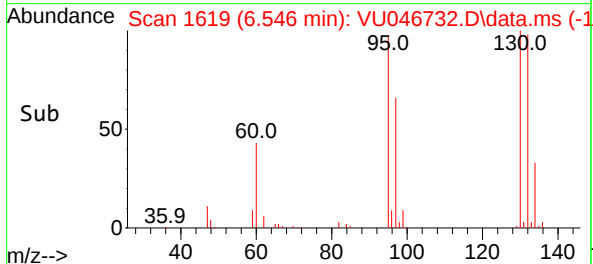
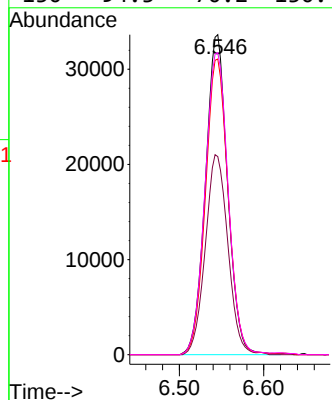
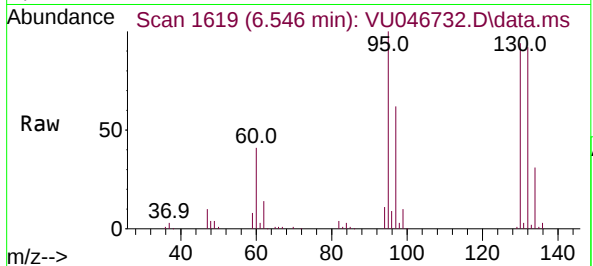




#34
Trichloroethene
Concen: 47.688 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

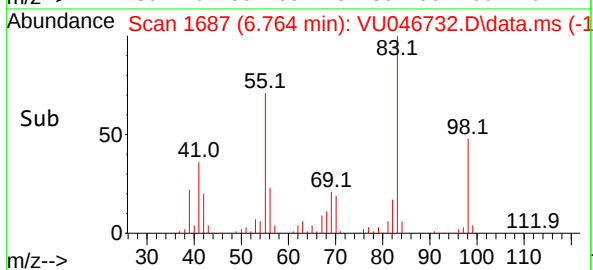
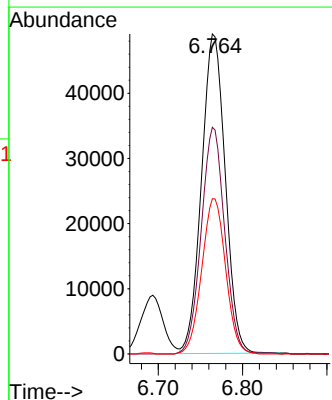
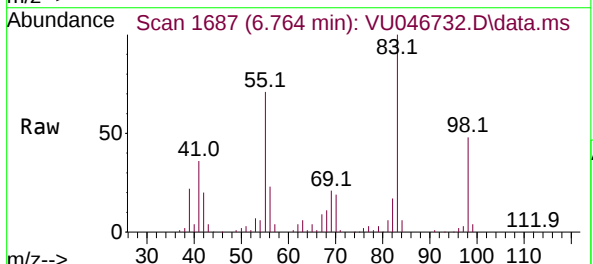
Instrument :
MSVOA_U
ClientSampleId :

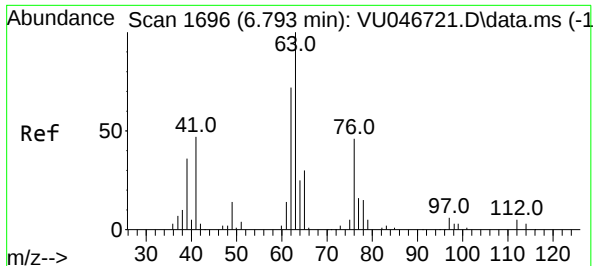
Tgt Ion: 95 Resp: 61607
Ion Ratio Lower Upper
95 100
97 61.9 45.1 83.7
132 92.4 66.7 123.9
130 94.3 70.2 130.4



#35
Methylcyclohexane
Concen: 47.878 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion: 83 Resp: 96051
Ion Ratio Lower Upper
83 100
55 70.1 56.6 85.0
98 48.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 49.096 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

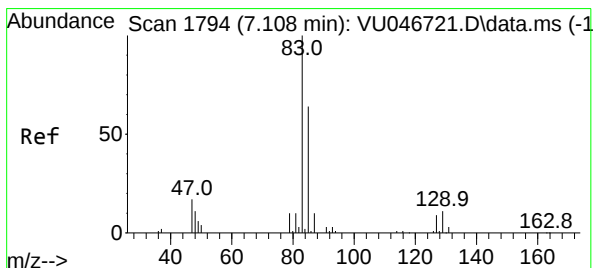
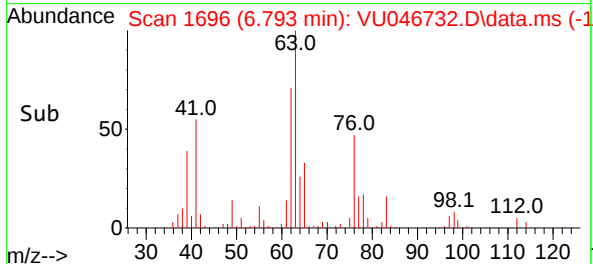
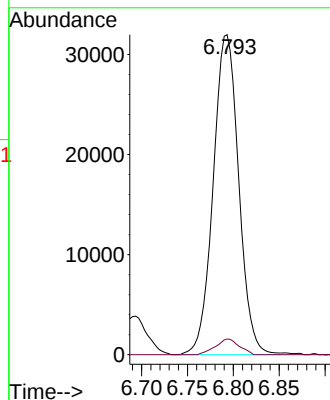
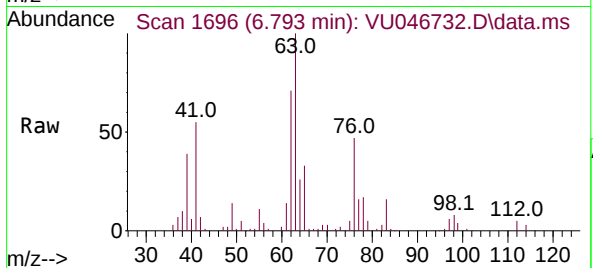
ClientSampleId :

Tgt Ion: 63 Resp: 61876

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 48.839 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

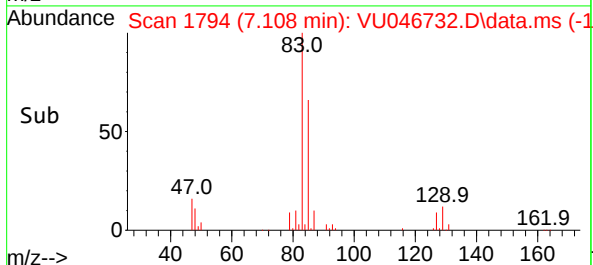
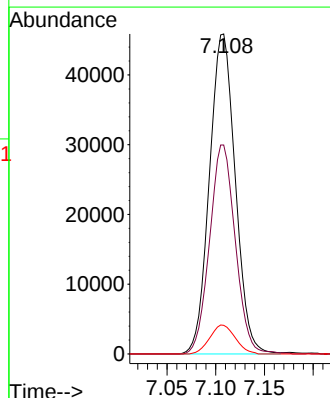
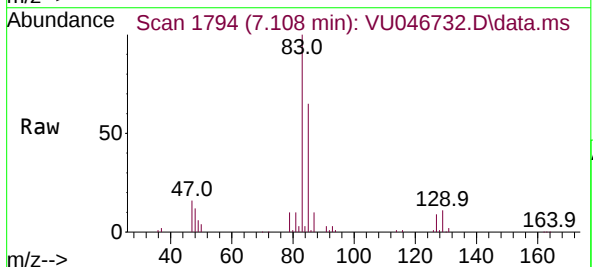
Tgt Ion: 83 Resp: 84649

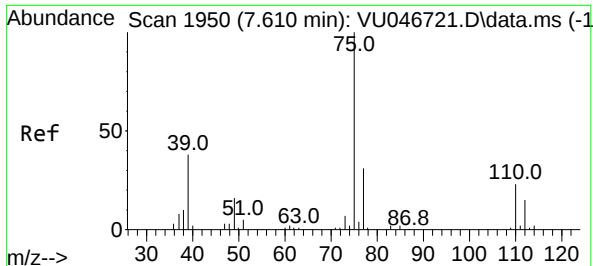
Ion Ratio Lower Upper

83 100

85 65.3 45.0 83.6

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 49.918 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

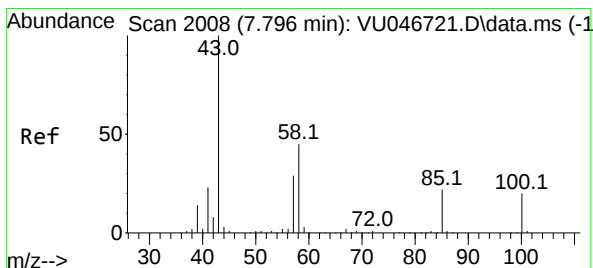
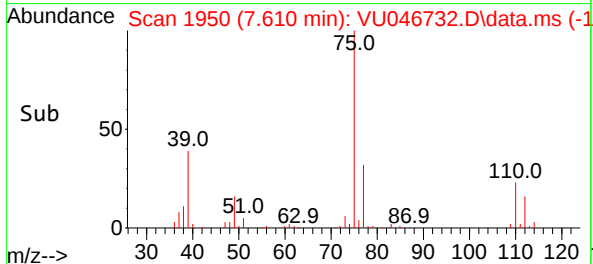
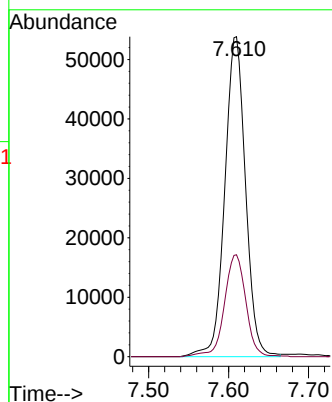
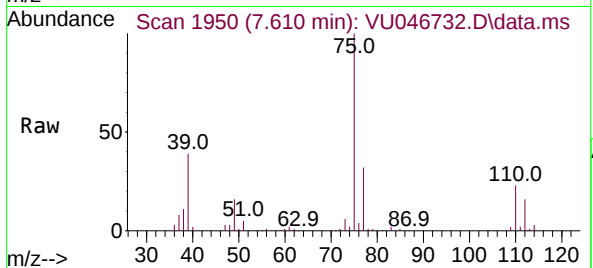
ClientSampleId :

Tgt Ion: 75 Resp: 96808

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 102.473 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

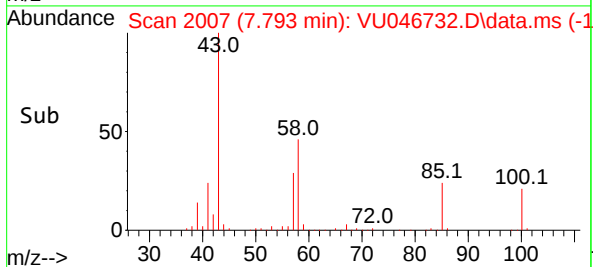
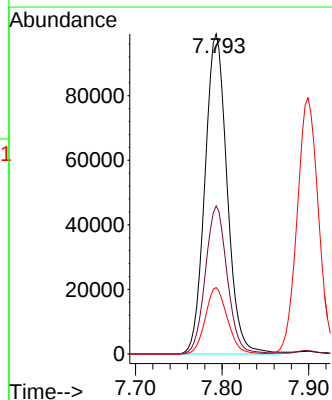
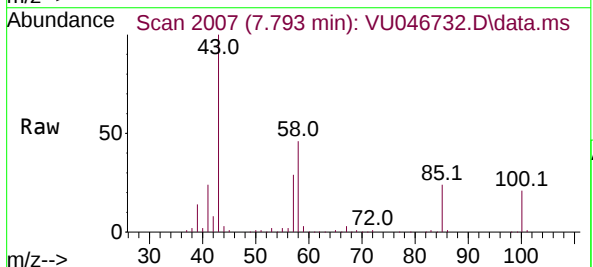
Tgt Ion: 43 Resp: 176556

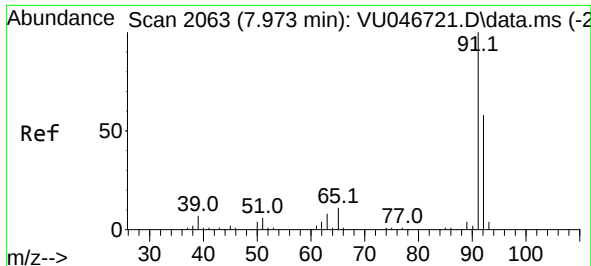
Ion Ratio Lower Upper

43 100

58 45.7 35.8 53.8

100 20.6 15.7 23.5





#42

Toluene

Concen: 50.437 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

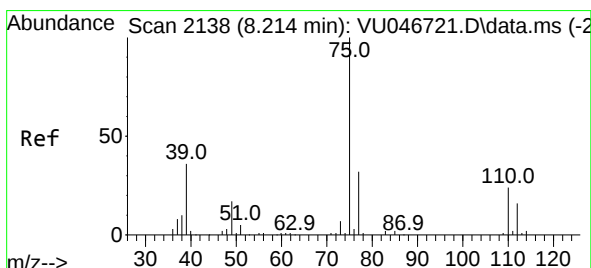
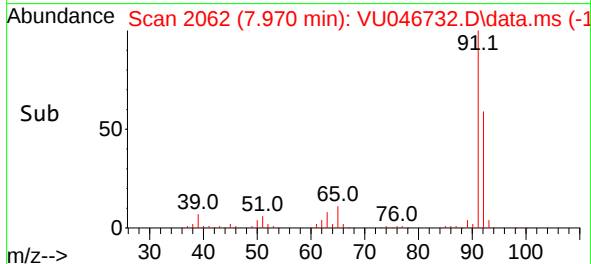
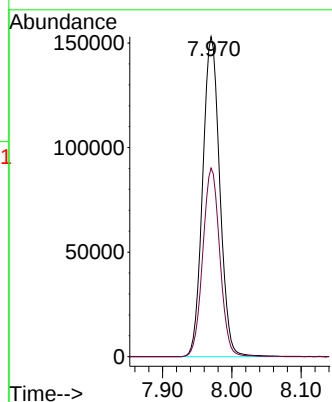
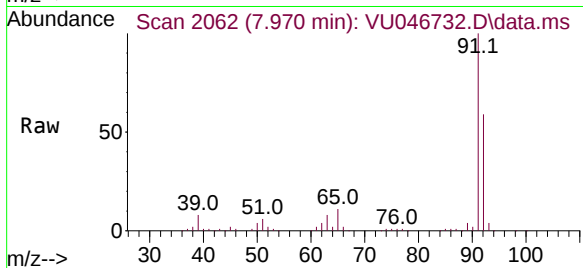
ClientSampleId :

Tgt Ion: 91 Resp: 261996

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 51.441 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046732.D

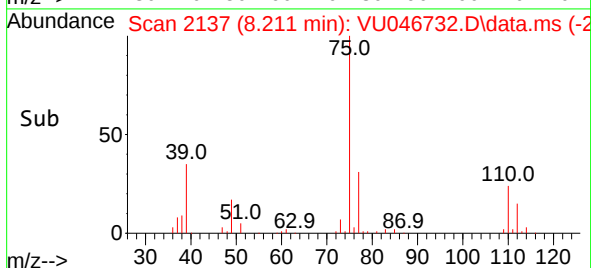
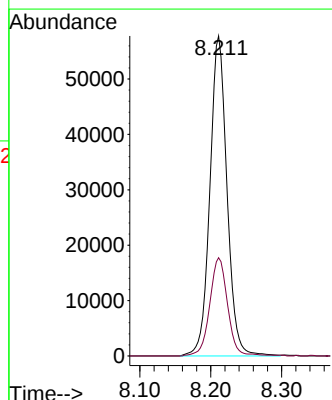
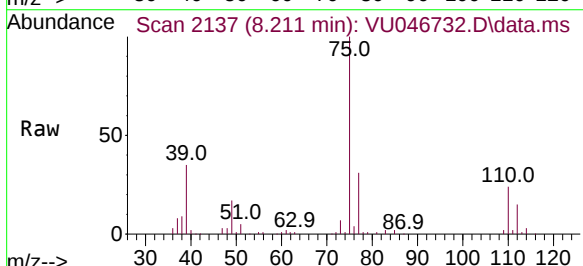
Acq: 11 Jan 2022 17:42

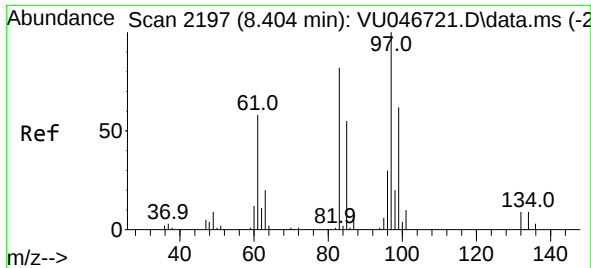
Tgt Ion: 75 Resp: 96785

Ion Ratio Lower Upper

75 100

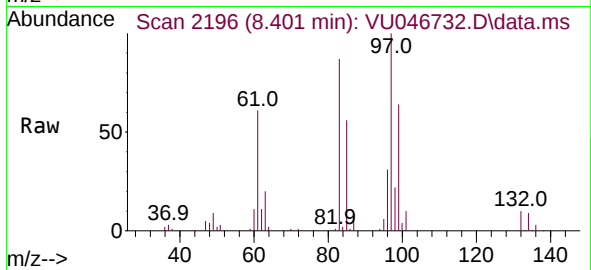
77 30.7 23.0 42.8



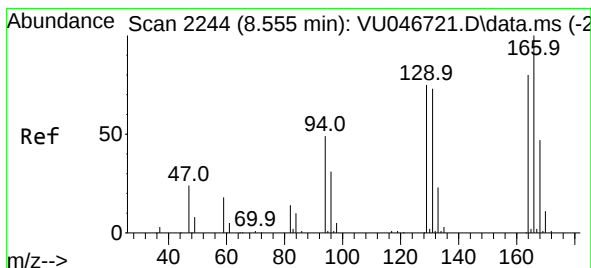
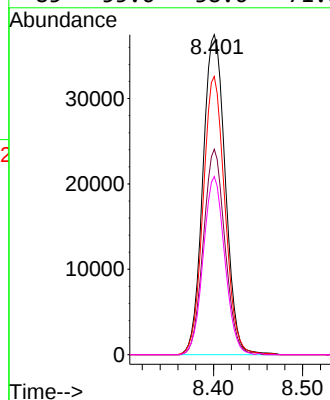
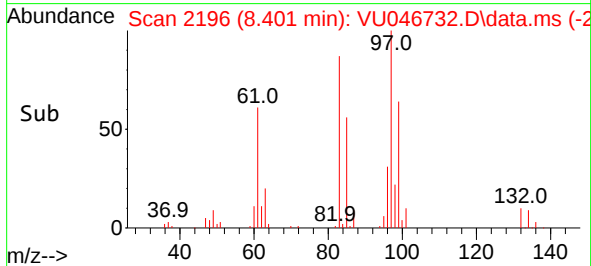


#45
1,1,2-Trichloroethane
Concen: 50.857 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

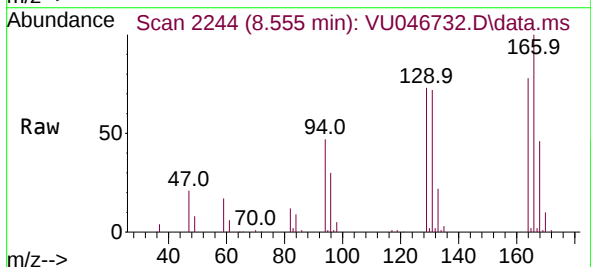
Instrument :
MSVOA_U
ClientSampleId :



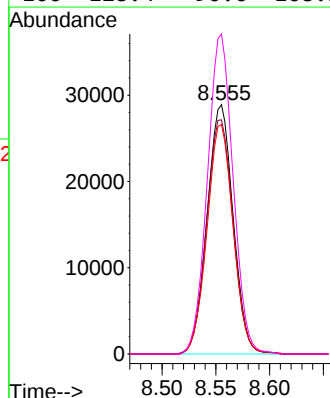
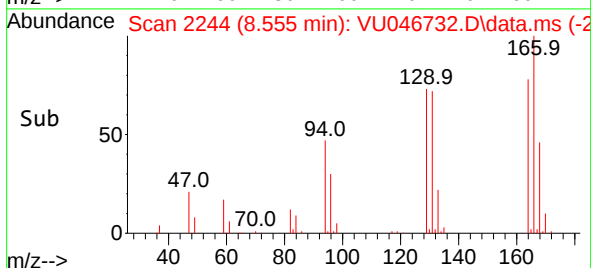
Tgt Ion: 97 Resp: 65490
Ion Ratio Lower Upper
97 100
99 64.2 42.4 78.8
83 86.9 59.4 110.4
85 55.6 38.6 71.8

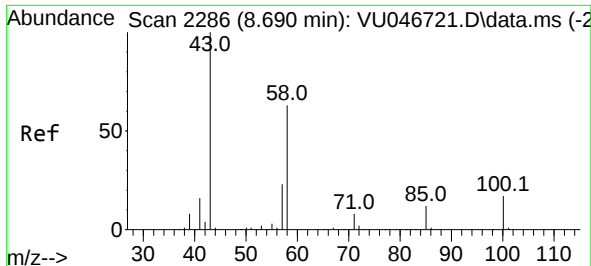


#46
Tetrachloroethene
Concen: 49.706 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42



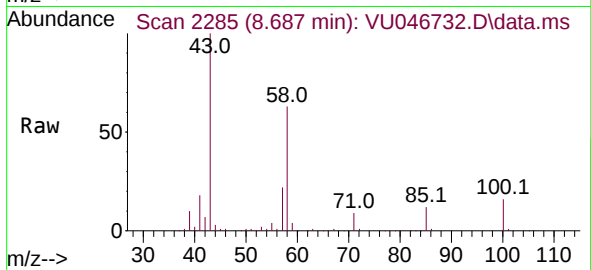
Tgt Ion: 164 Resp: 48720
Ion Ratio Lower Upper
164 100
129 93.9 69.5 129.1
131 92.1 67.0 124.4
166 128.4 90.6 168.2



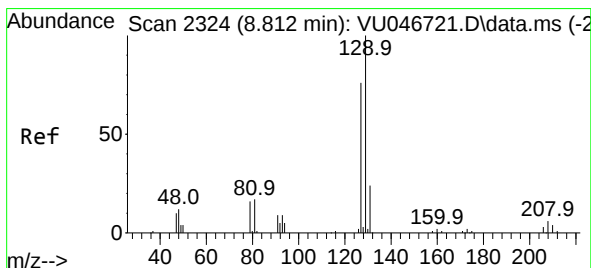
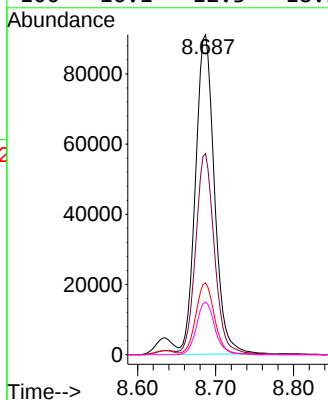
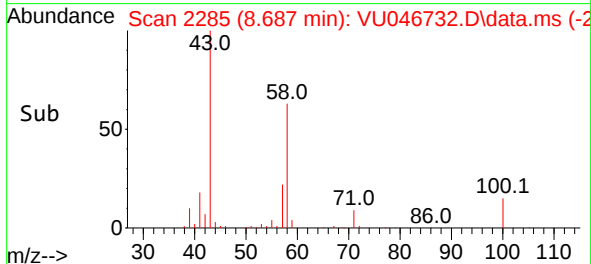


#48
2-Hexanone
Concen: 105.309 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Instrument :
MSVOA_U
ClientSampleId :

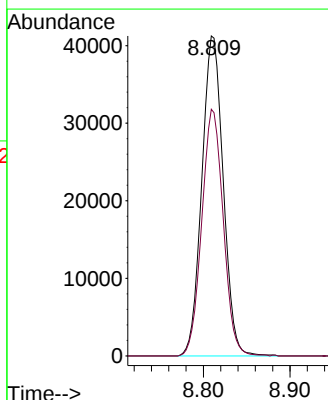
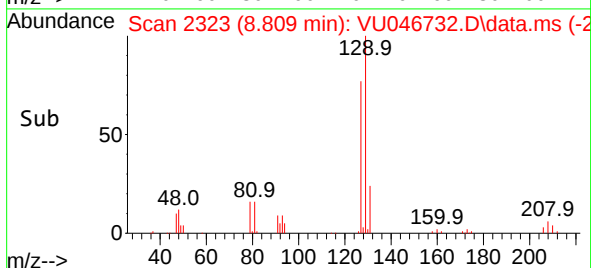
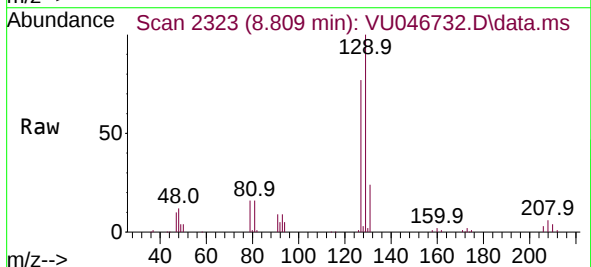


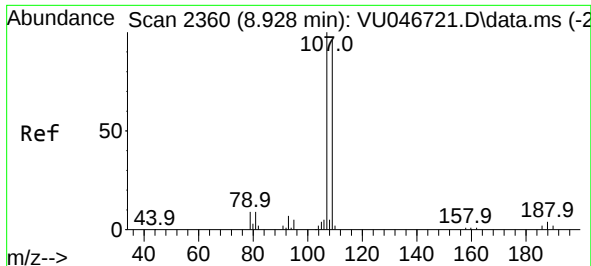
Tgt Ion:	43	Resp:	153789
Ion	Ratio	Lower	Upper
43	100		
58	62.4	49.4	74.2
57	21.7	17.5	26.3
100	16.1	12.3	18.5



#49
Dibromochloromethane
Concen: 50.046 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:	129	Resp:	70779
Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.5	101.3





#50

1,2-Dibromoethane

Concen: 51.927 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046732.D

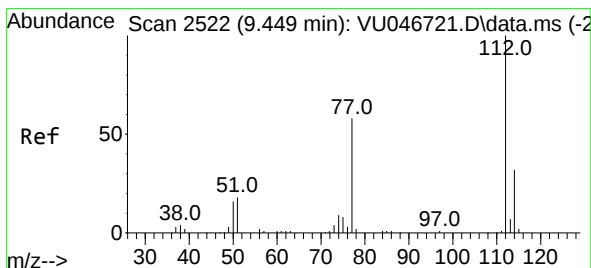
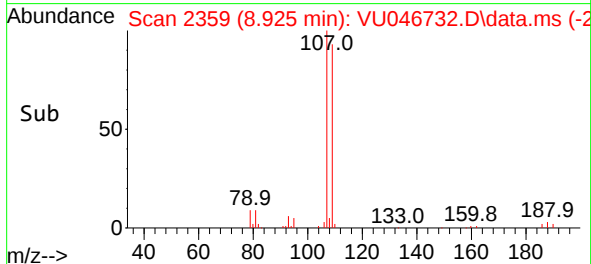
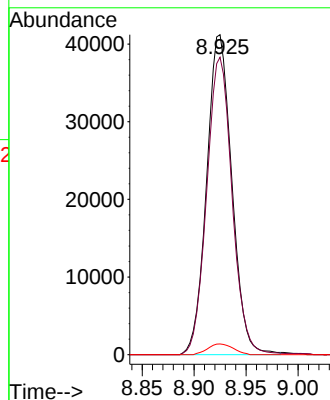
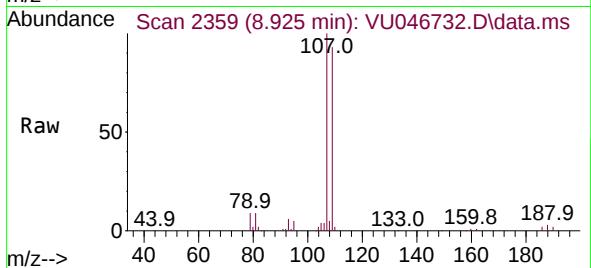
Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	69701
Ion	Ratio	Lower Upper
107	100	
109	93.0	65.6 121.8
188	3.3	3.1 4.7



#51

Chlorobenzene

Concen: 50.074 ug/L

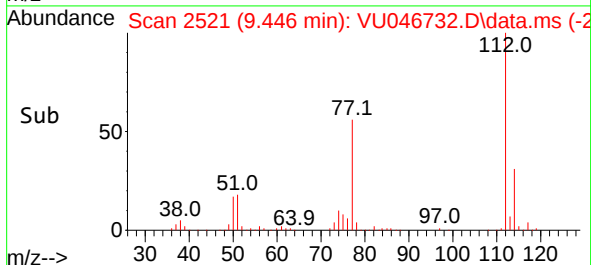
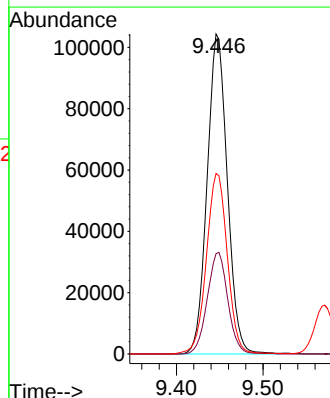
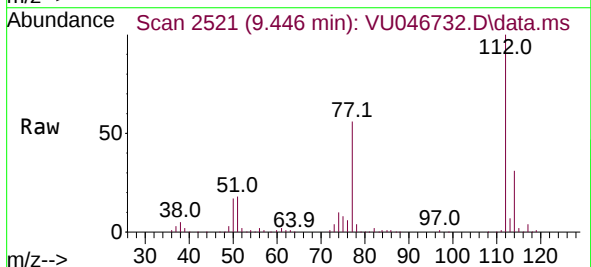
RT: 9.446 min Scan# 2521

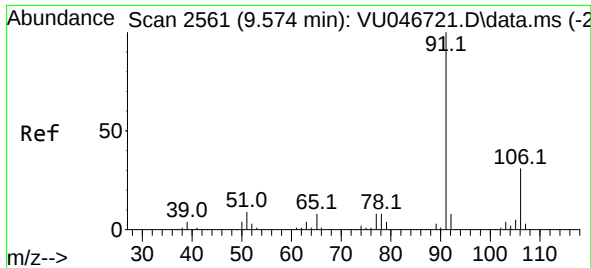
Delta R.T. -0.003 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Tgt Ion:112	Resp:	169067
Ion	Ratio	Lower Upper
112	100	
114	31.4	22.1 41.1
77	56.4	46.5 69.7

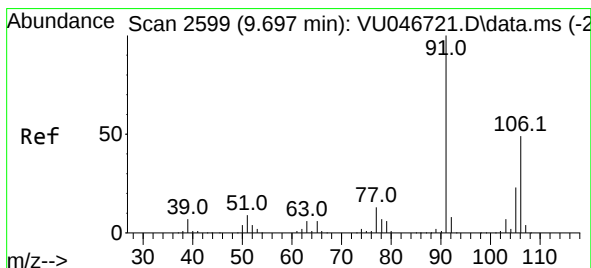
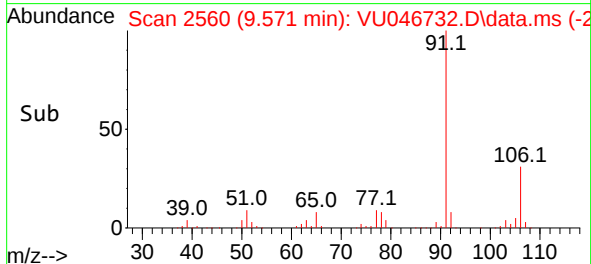
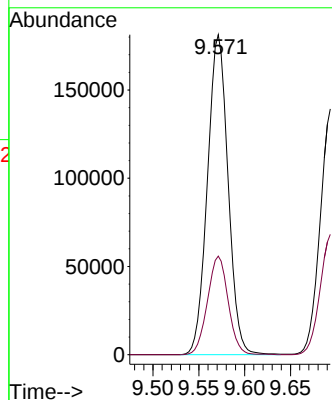
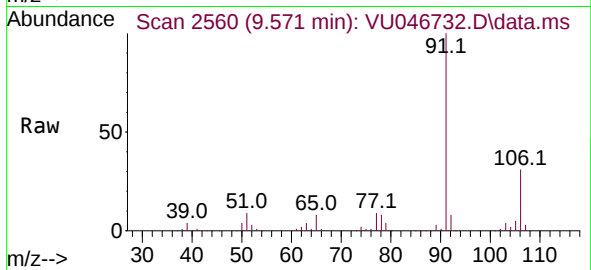




#52
Ethylbenzene
Concen: 51.473 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

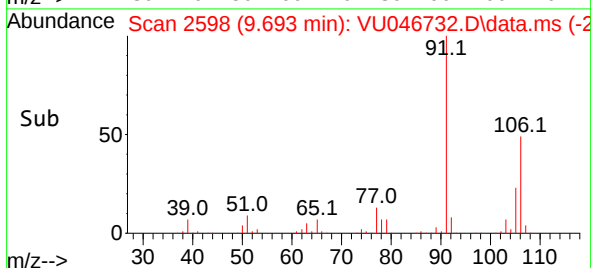
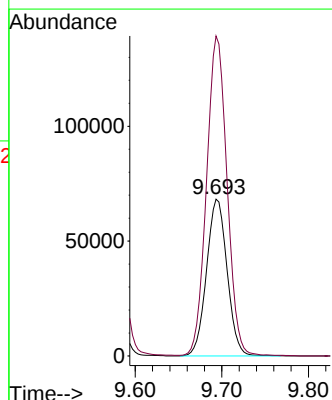
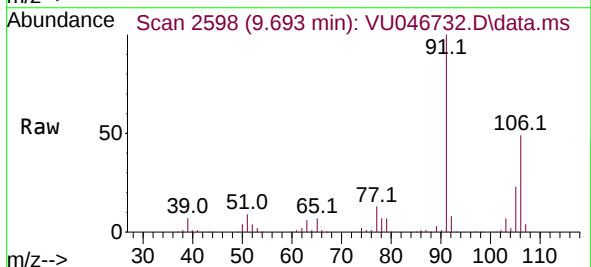
Instrument :
MSVOA_U
ClientSampleId :

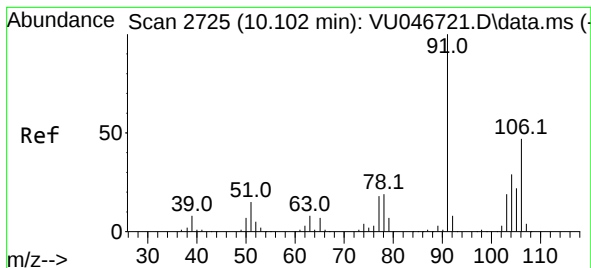
Tgt Ion: 91 Resp: 283657
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 52.947 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:106 Resp: 112689
Ion Ratio Lower Upper
106 100
91 204.2 145.5 270.1





#54

o-xylene

Concen: 53.575 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

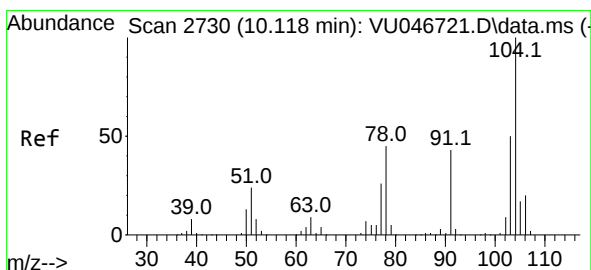
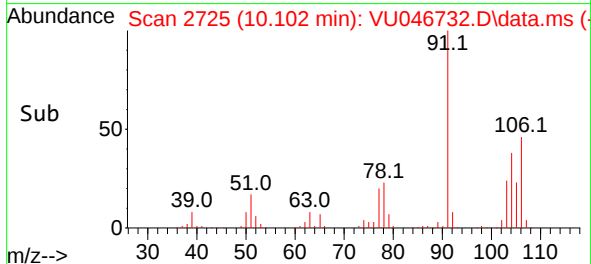
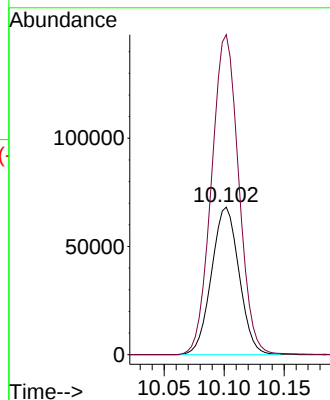
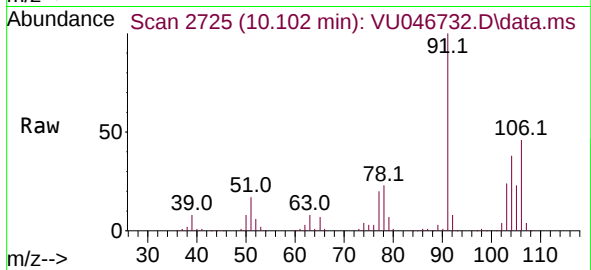
ClientSampleId :

Tgt Ion:106 Resp: 109036

Ion Ratio Lower Upper

106 100

91 216.8 152.0 282.2



#55

Styrene

Concen: 53.985 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046732.D

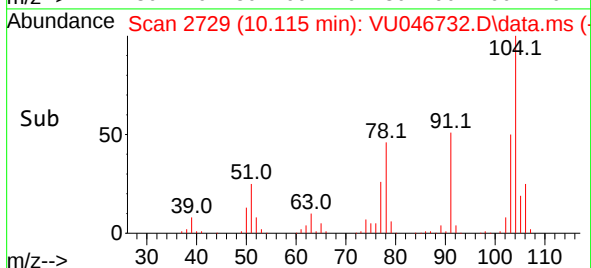
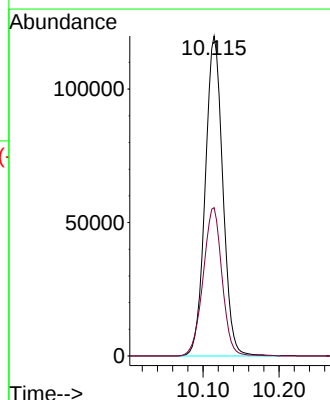
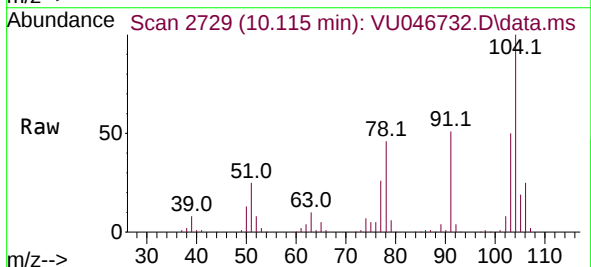
Acq: 11 Jan 2022 17:42

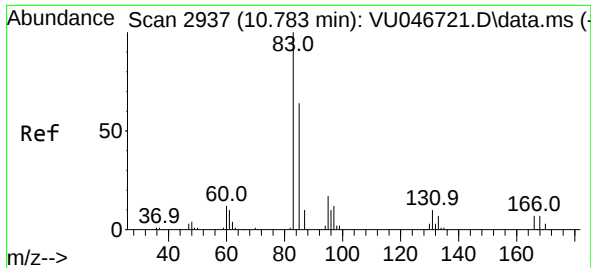
Tgt Ion:104 Resp: 192269

Ion Ratio Lower Upper

104 100

78 46.4 32.6 60.6

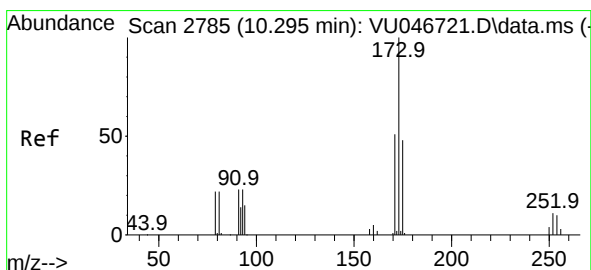
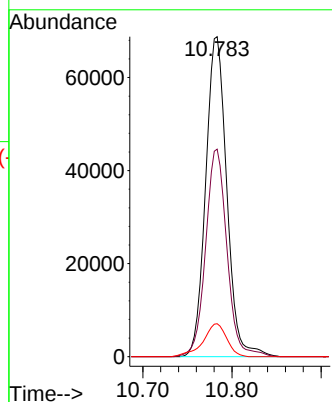
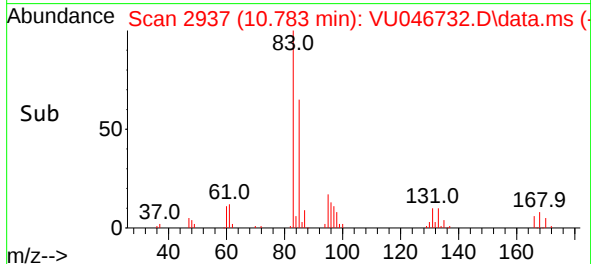
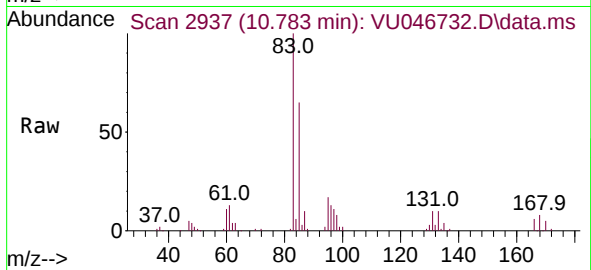




#57
1,1,2,2-Tetrachloroethane
Concen: 50.241 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

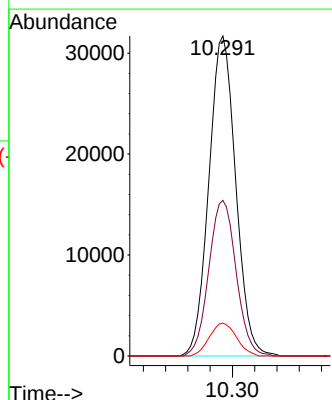
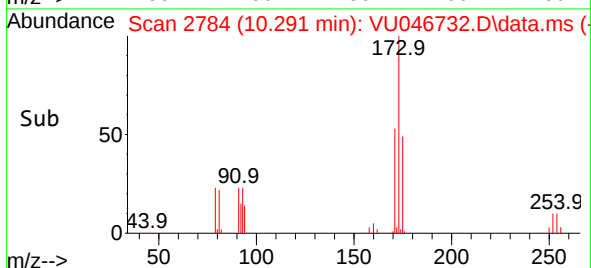
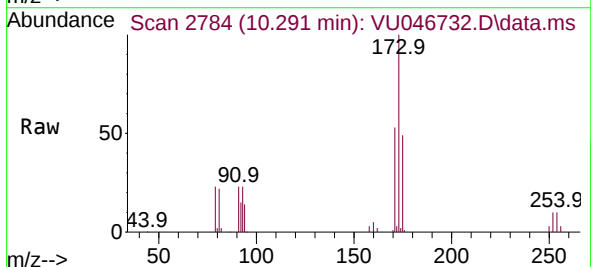
Instrument :
MSVOA_U
ClientSampleId :

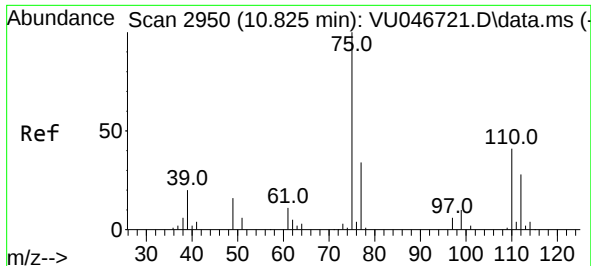
Tgt Ion: 83 Resp: 113152
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1
131 10.3 7.8 11.6



#59
Bromoform
Concen: 46.820 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:173 Resp: 53033
Ion Ratio Lower Upper
173 100
175 49.4 37.6 56.4
254 10.4 8.1 12.1

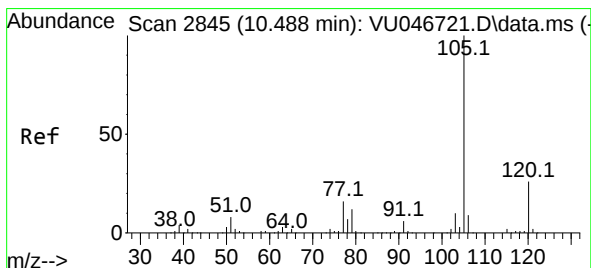
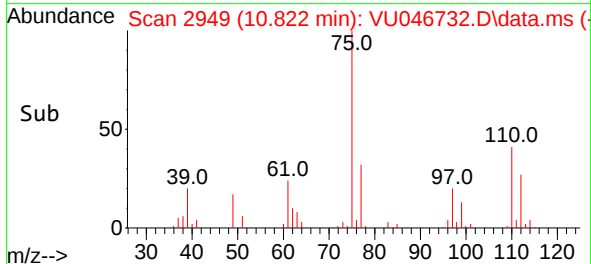
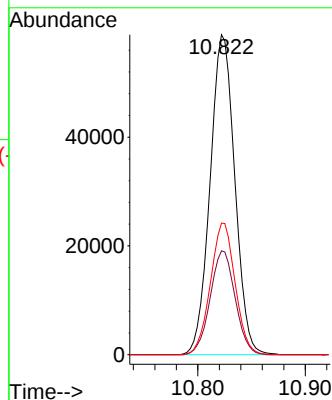
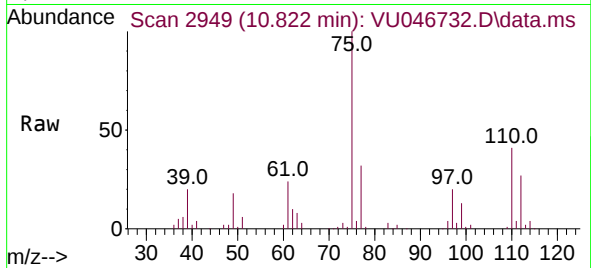




#60
1,2,3-Trichloropropane
Concen: 47.935 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

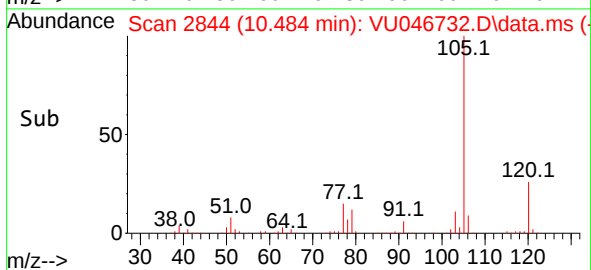
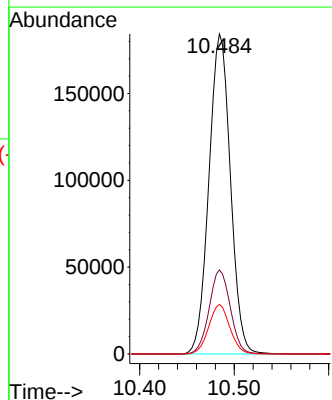
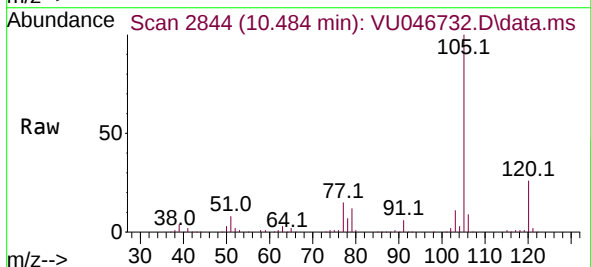
Instrument :
MSVOA_U
ClientSampleId :

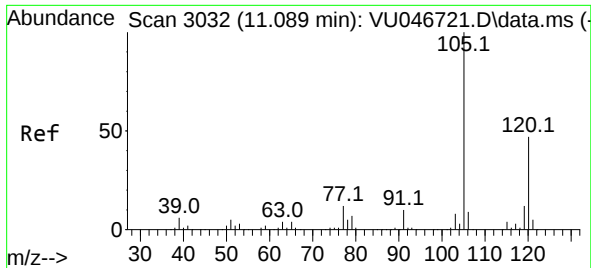
Tgt Ion: 75 Resp: 94023
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 41.1 32.5 48.7



#61
Isopropylbenzene
Concen: 51.081 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion: 105 Resp: 290845
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.1 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 51.863 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046732.D

Acq: 11 Jan 2022 17:42

Instrument :

MSVOA_U

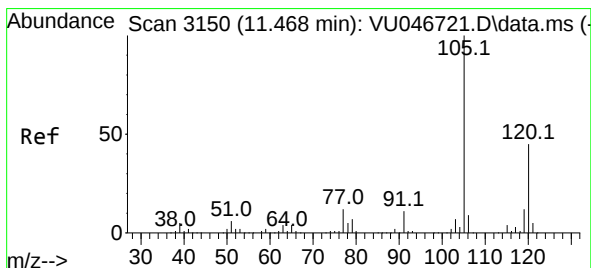
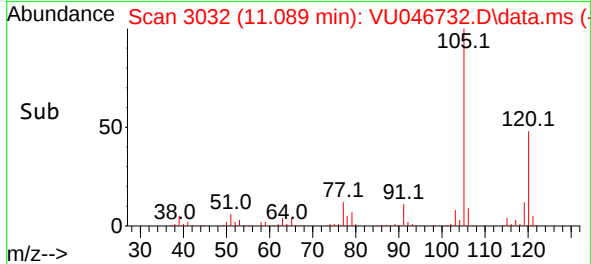
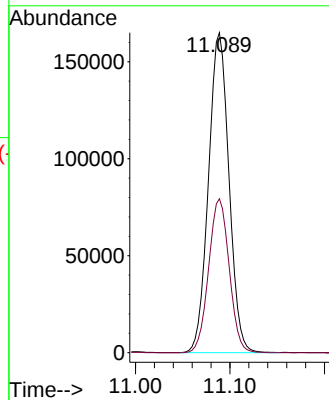
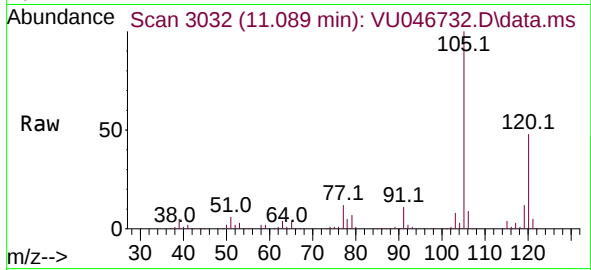
ClientSampleId :

Tgt Ion:105 Resp: 248234

Ion Ratio Lower Upper

105 100

120 48.2 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 52.564 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046732.D

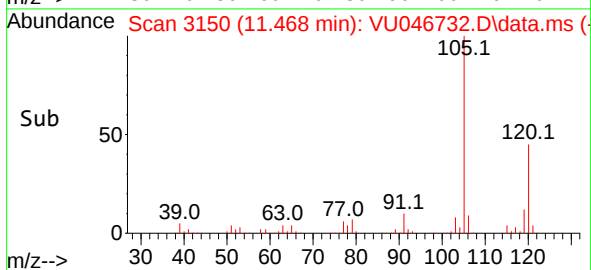
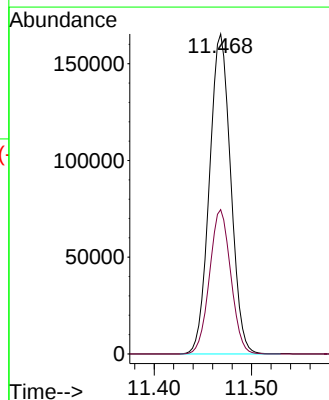
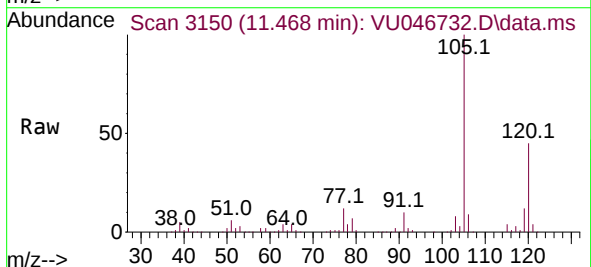
Acq: 11 Jan 2022 17:42

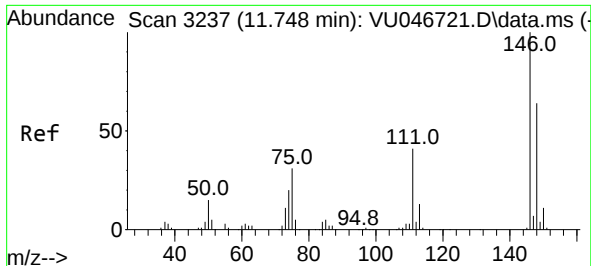
Tgt Ion:105 Resp: 250680

Ion Ratio Lower Upper

105 100

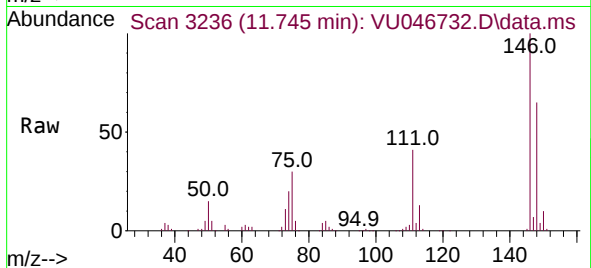
120 44.9 35.4 53.2



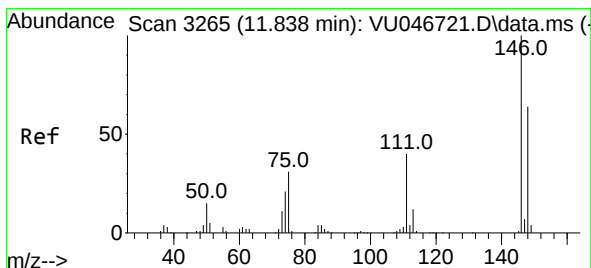
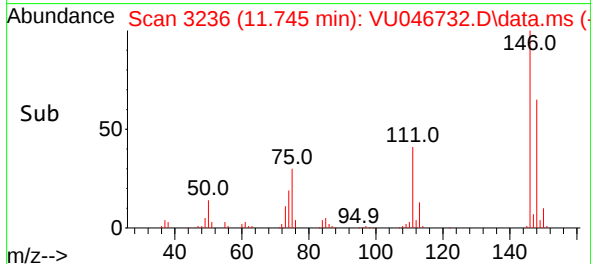
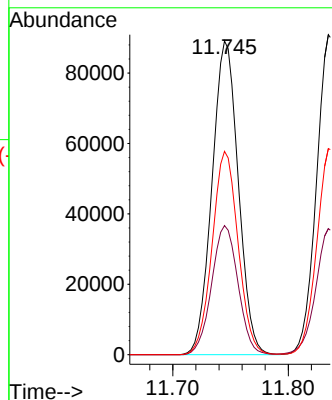


#64
1,3-Dichlorobenzene
Concen: 49.383 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Instrument :
MSVOA_U
ClientSampleId :

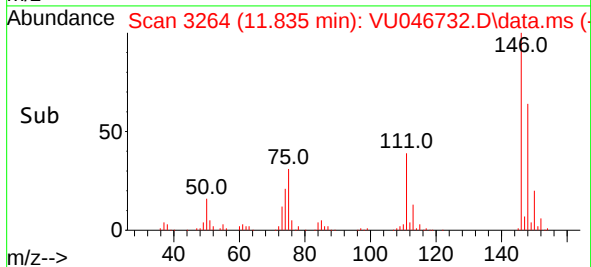
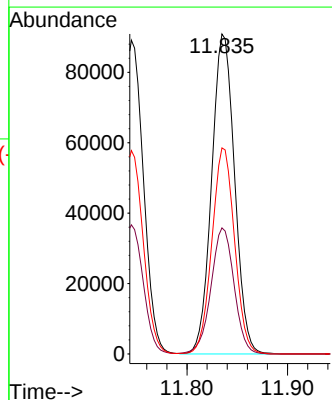
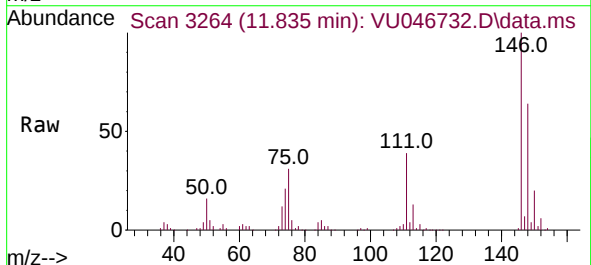


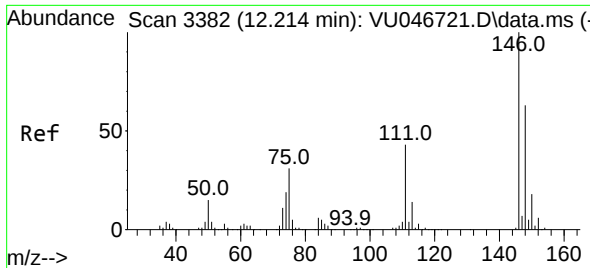
Tgt Ion:146 Resp: 140935
Ion Ratio Lower Upper
146 100
111 41.2 29.4 54.6
148 64.8 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 48.440 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:146 Resp: 144045
Ion Ratio Lower Upper
146 100
111 39.4 28.9 53.7
148 64.4 44.5 82.7

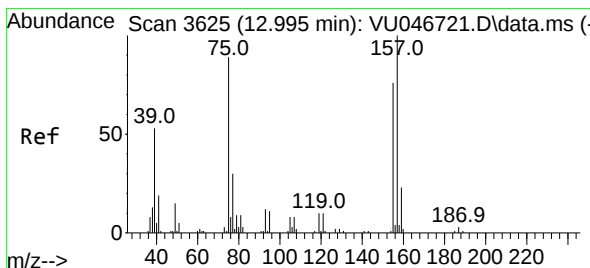
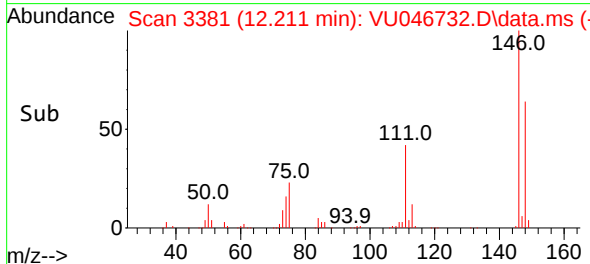
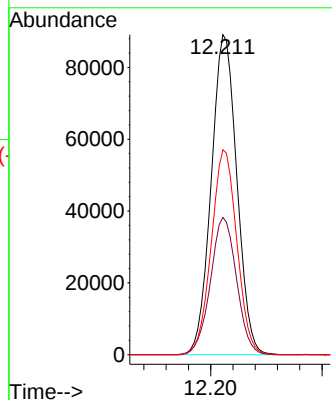
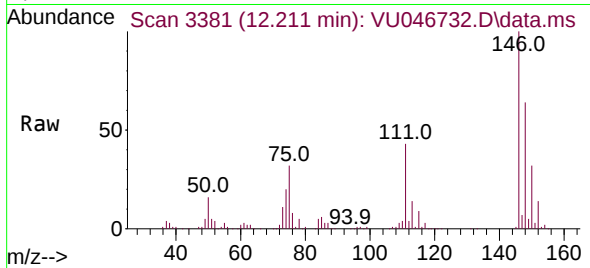




#67
1,2-Dichlorobenzene
Concen: 49.564 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

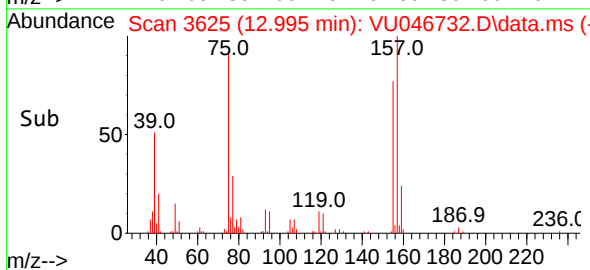
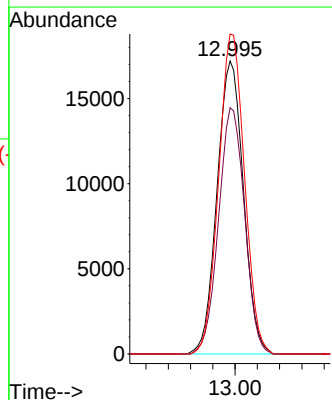
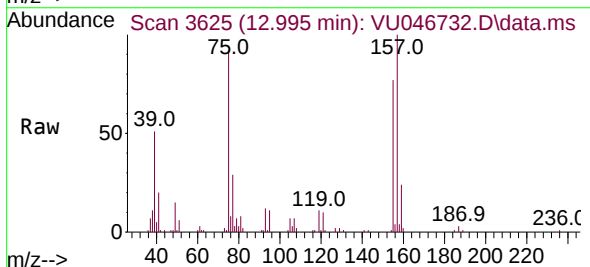
Instrument :
MSVOA_U
ClientSampleId :

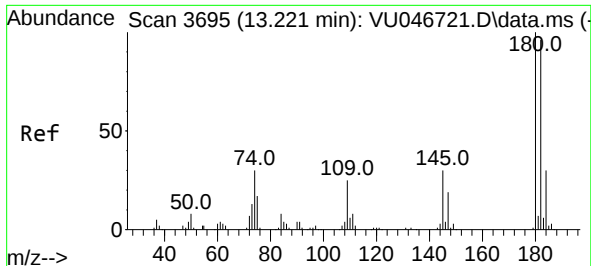
Tgt Ion:146 Resp: 142169
Ion Ratio Lower Upper
146 100
111 42.9 34.2 51.4
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 48.216 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

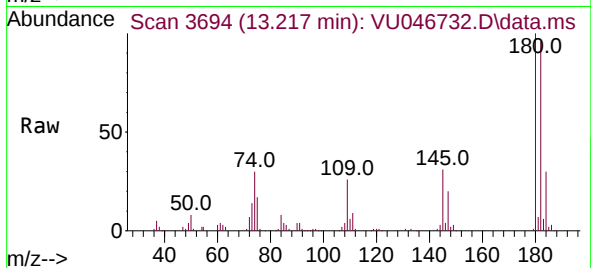
Tgt Ion: 75 Resp: 28311
Ion Ratio Lower Upper
75 100
155 84.1 65.0 97.4
157 109.3 79.7 119.5



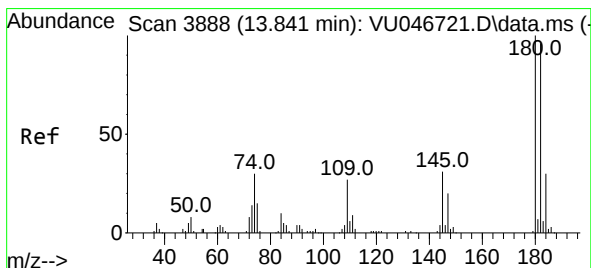
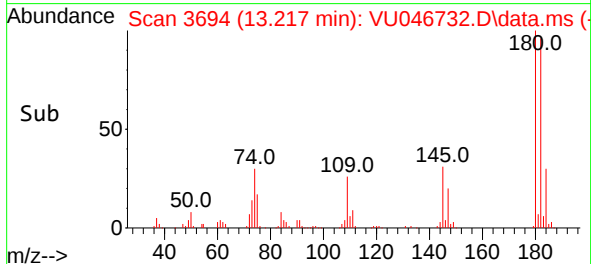
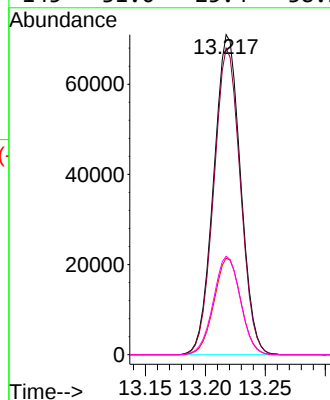


#69
 1,3,5-Trichlorobenzene
 Concen: 50.402 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

Instrument :
 MSVOA_U
 ClientSampleId :

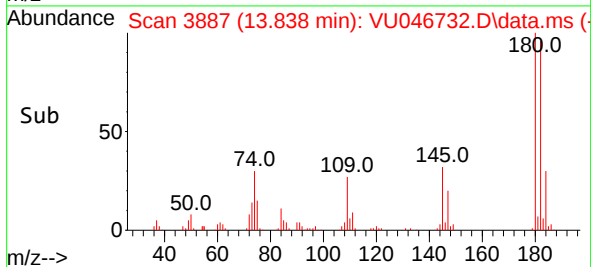
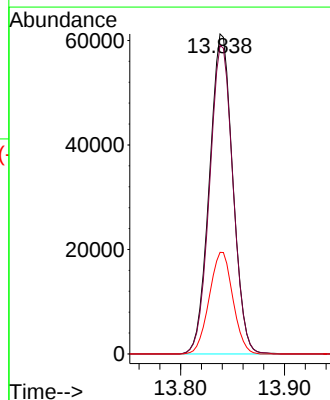
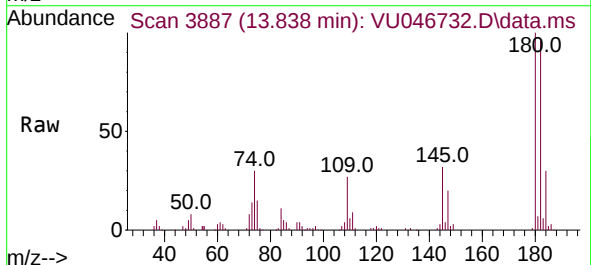


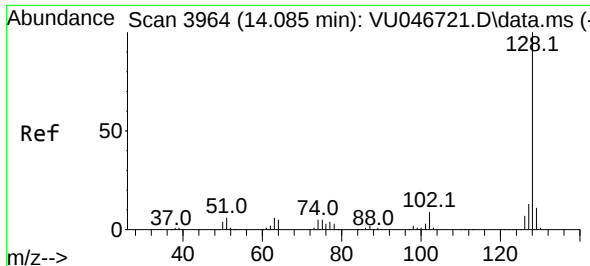
Tgt Ion:180 Resp: 110171
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.6
 184 30.1 24.7 37.1
 145 31.0 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 51.165 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU046732.D
 Acq: 11 Jan 2022 17:42

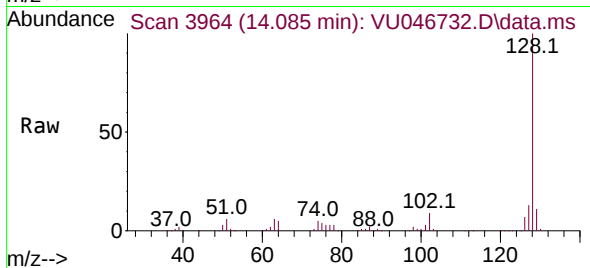
Tgt Ion:180 Resp: 95602
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.6 114.8
 145 32.1 25.2 37.8



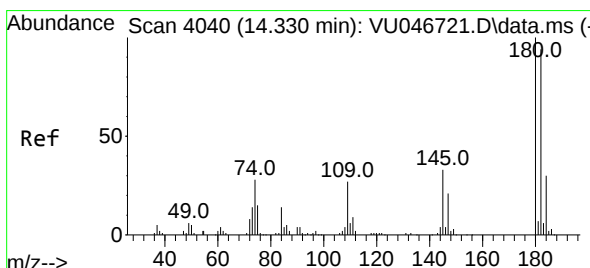
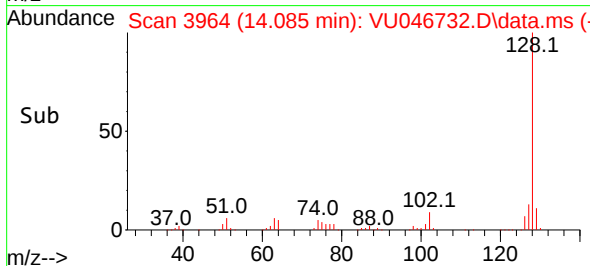
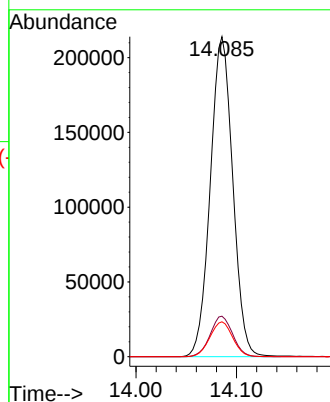


#71
Naphthalene
Concen: 54.638 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 332039
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.911 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU046732.D
Acq: 11 Jan 2022 17:42

Tgt Ion:180 Resp: 99900
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 33.4 27.4 41.2

