

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006124.D
 Acq On : 23 Sep 2021 15:10
 Operator : SY/MD
 Sample : M3872-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LPA-01

Quant Time: Sep 24 07:29:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	27391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	30493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17560	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	13550	35.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.220%
35) Dibromofluoromethane	7.722	113	11344	44.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.920%
50) Toluene-d8	10.185	98	57809	53.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.477	95	28370	76.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	153.700%#

Target Compounds						Qvalue
13) Acrolein	3.722	56	52	2.275	ug/l #	14
15) Acrylonitrile	5.161	53	141	1.422	ug/l #	47
16) Acetone	3.954	43	5580	53.470	ug/l	96
17) Carbon Disulfide	4.204	76	8893	9.736	ug/l	99
20) Methylene Chloride	4.722	84	5307	12.845	ug/l	93
23) Vinyl Acetate	6.063	43	1171	1.636	ug/l #	75
25) 2-Butanone	6.996	43	1966	13.669	ug/l #	82
28) Bromochloromethane	7.539	49	501	1.962	ug/l #	16
29) Tetrahydrofuran	7.356	42	98	1.084	ug/l #	38
30) Chloroform	7.533	83	1536	2.636	ug/l	99
31) Cyclohexane	7.789	56	25804	42.337	ug/l	91
36) 1,1-Dichloropropene	7.795	75	2183	4.924	ug/l #	43
38) Carbon Tetrachloride	7.795	117	2490	5.159	ug/l #	17
39) Methylcyclohexane	9.185	83	96601	175.799	ug/l	99
40) Benzene	8.167	78	145017	114.064	ug/l	98
41) Methacrylonitrile	7.539	41	11870	66.358	ug/l #	93
43) Isopropyl Acetate	8.277	43	3798	6.658	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	1008	3.205	ug/l #	1
47) Bromodichloromethane	9.606	83	1036	2.364	ug/l #	24
48) Methyl methacrylate	9.246	41	4637	17.591	ug/l #	49
49) 1,4-Dioxane	9.295	88	143	60.869	ug/l #	40
51) 4-Methyl-2-Pentanone	9.965	43	52996	174.254	ug/l #	45
52) Toluene	10.246	92	5348	6.826	ug/l	88
55) 1,1,2-Trichloroethane	10.618	97	25038	107.033	ug/l #	20
56) Ethyl methacrylate	10.520	69	12851	34.364	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.770	63	487	2.488	ug/l #	48
59) 2-Hexanone	10.807	43	56313	268.208	ug/l #	35
64) Tetrachloroethene	10.721	164	582	2.334	ug/l	94
65) Chlorobenzene	11.520	112	793	1.215	ug/l #	79
67) Ethyl Benzene	11.593	91	629474	507.552	ug/l	100
68) m/p-Xylenes	11.709	106	183659	390.534	ug/l	99
69) o-Xylene	12.032	106	28860	64.975	ug/l	92
70) Styrene	12.038	104	3985	5.237	ug/l #	1
71) Bromoform	12.203	173	174	1.143	ug/l #	28
73) Isopropylbenzene	12.331	105	184560	134.218	ug/l	99
74) N-amyl acetate	12.123	43	122809	258.631	ug/l #	62

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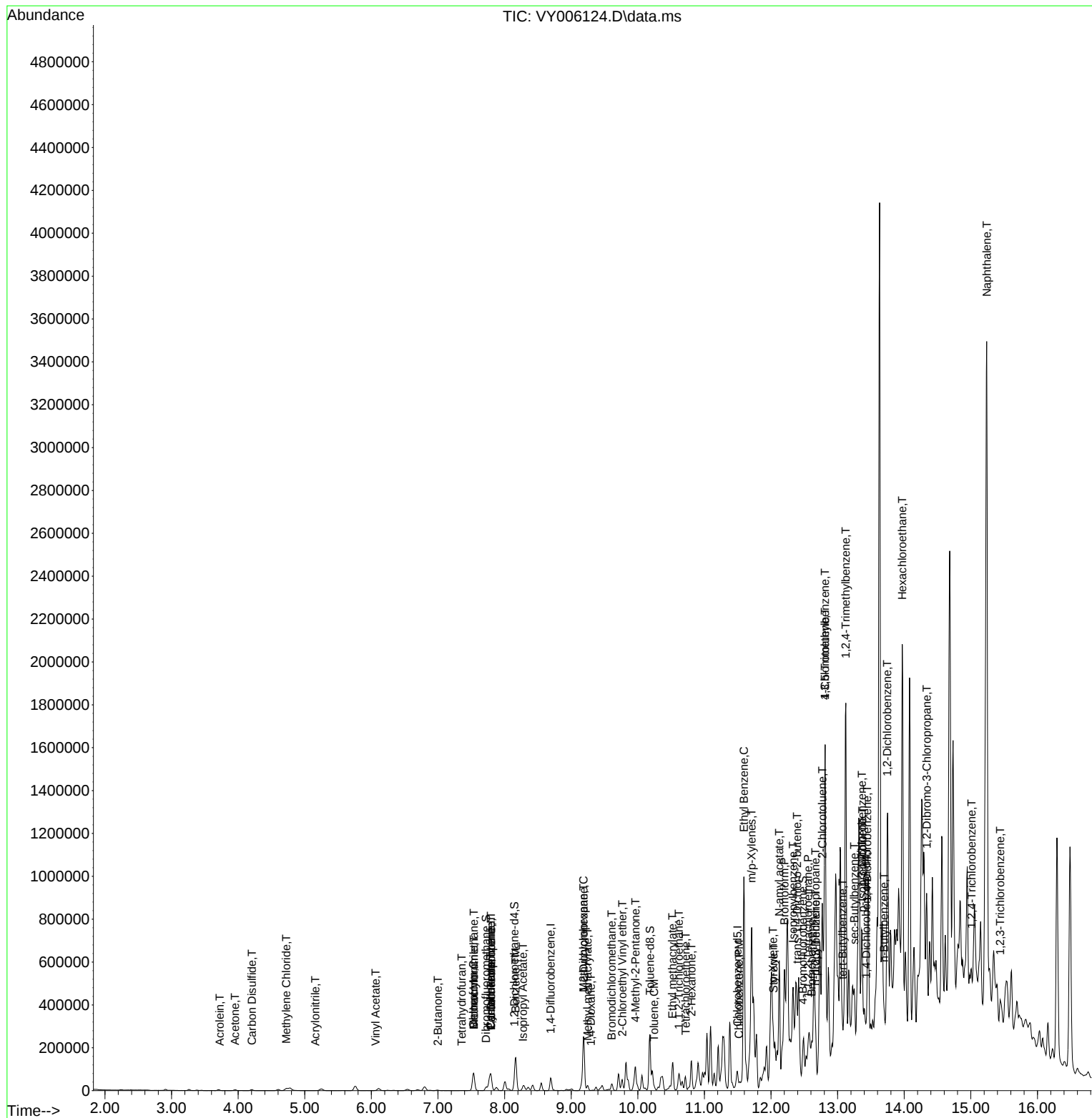
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

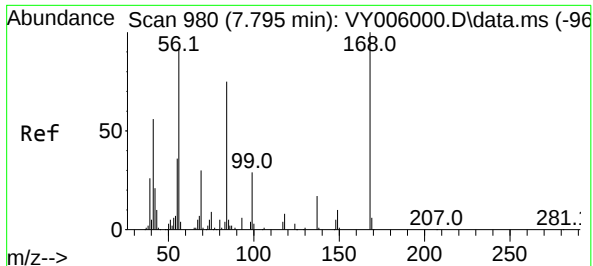
75) 1,1,2,2-Tetrachloroethane	12.556	83	10233	39.997	ug/l #	58
76) 1,2,3-Trichloropropane	12.666	75	1501	8.017	ug/l #	100
77) Bromobenzene	12.611	156	767	2.391	ug/l #	5
78) n-propylbenzene	12.672	91	128835	75.726	ug/l	99
79) 2-Chlorotoluene	12.770	91	41659	45.035	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.812	105	366195	321.106	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	317	3.113	ug/l #	1
82) 4-Chlorotoluene	12.812	91	40552	42.412	ug/l #	49
83) tert-Butylbenzene	13.074	119	11360	11.647	ug/l	88
84) 1,2,4-Trimethylbenzene	13.123	105	781762	690.953	ug/l	98
85) sec-Butylbenzene	13.251	105	47245	32.357	ug/l #	64
86) p-Isopropyltoluene	13.373	119	75086	60.235	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	1433	2.316	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	2044	3.293	ug/l #	1
89) n-Butylbenzene	13.696	91	46457	39.854	ug/l #	67
90) Hexachloroethane	13.971	117	76665	341.756	ug/l #	6
91) 1,2-Dichlorobenzene	13.745	146	1156	2.128	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.336	75	1836	36.173	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.013	180	2747	7.787	ug/l #	1
95) Naphthalene	15.239	128	2354778	3356.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	1820	5.954	ug/l #	13

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

Instrument :
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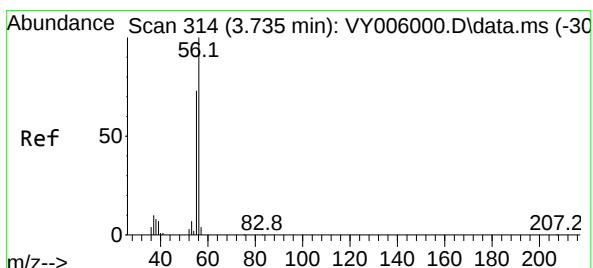
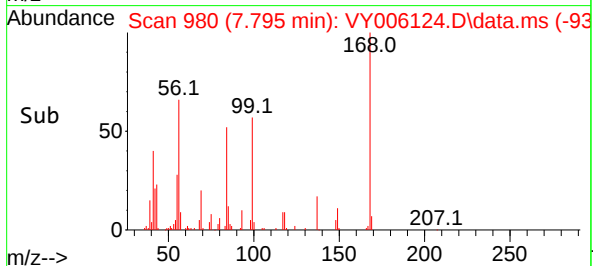
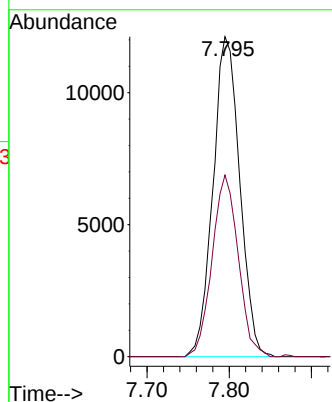
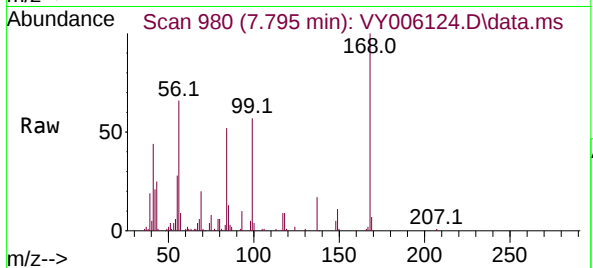




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

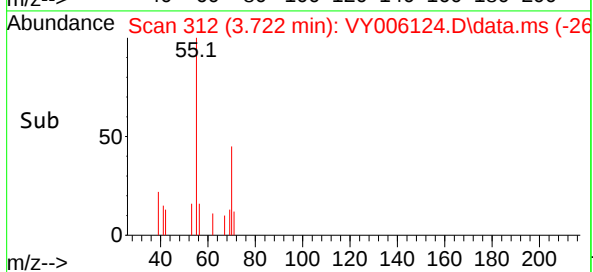
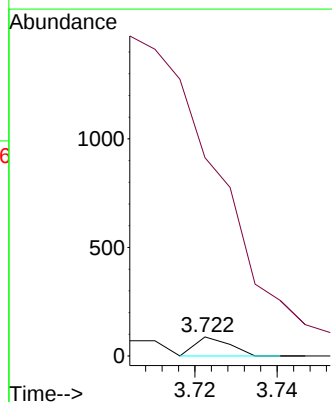
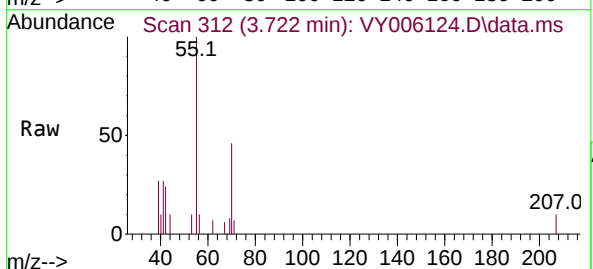
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

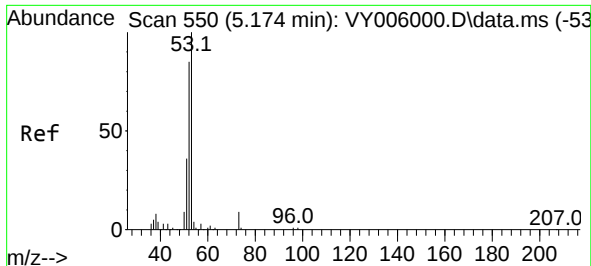
Tgt Ion:168 Resp: 27391
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#13
Acrolein
Concen: 2.275 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.012 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

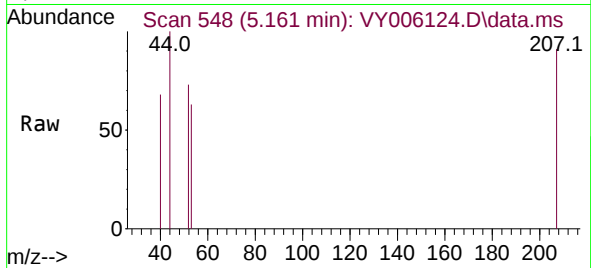
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



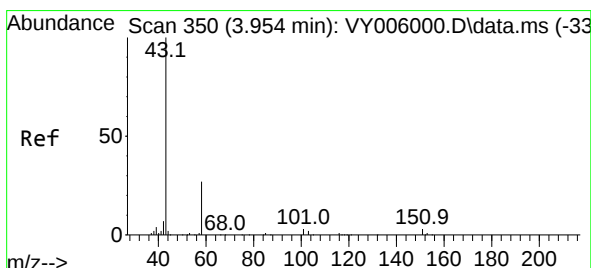
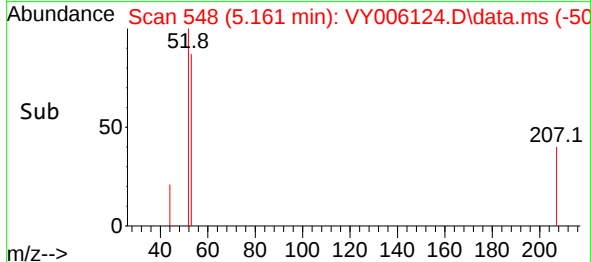
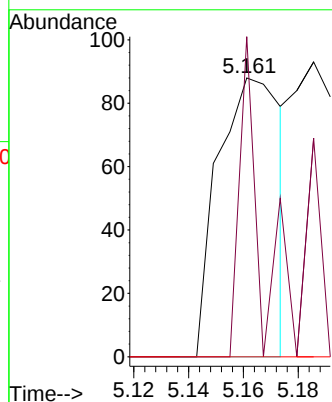


#15
Acrylonitrile
Concen: 1.422 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.012 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

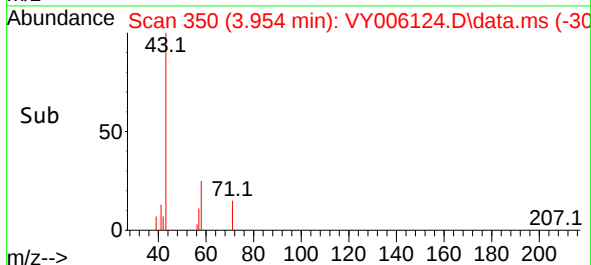
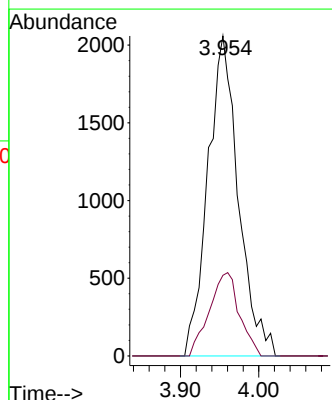
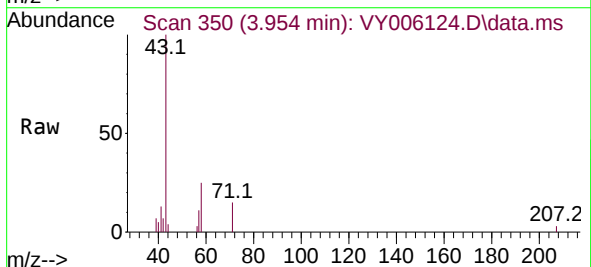


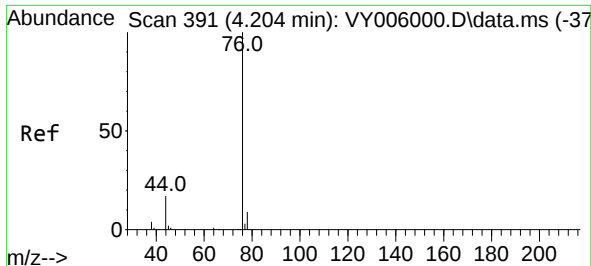
Tgt Ion: 53 Resp: 141
Ion Ratio Lower Upper
53 100
52 39.0 67.0 100.4#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 53.470 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 43 Resp: 5580
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0

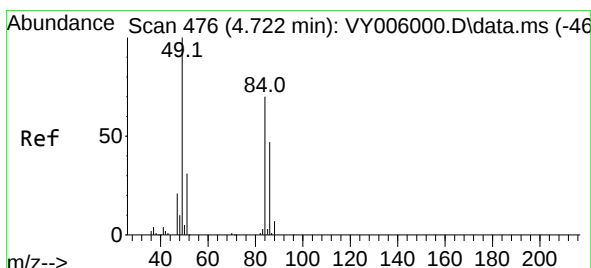
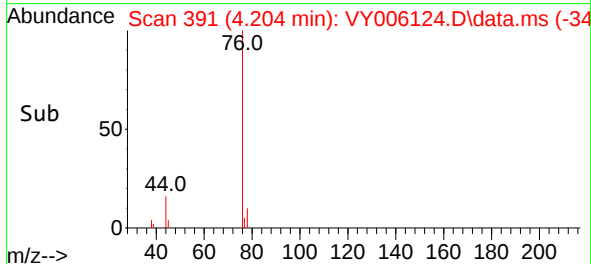
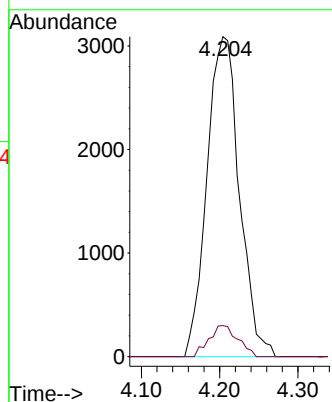
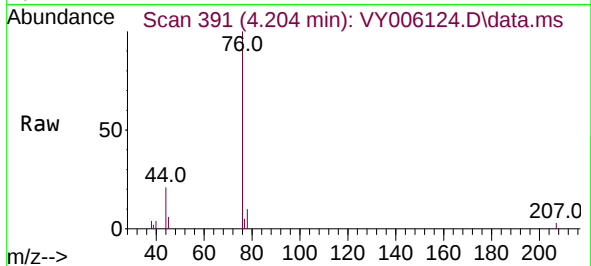




#17
Carbon Disulfide
Concen: 9.736 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

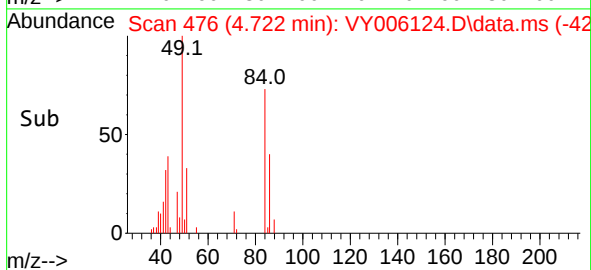
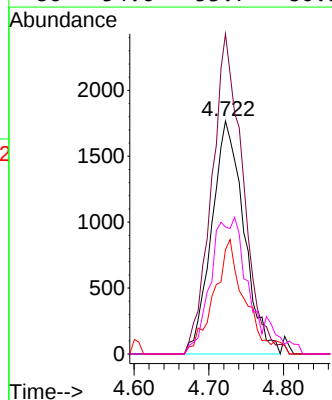
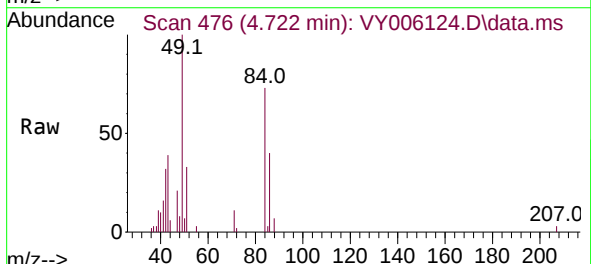
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

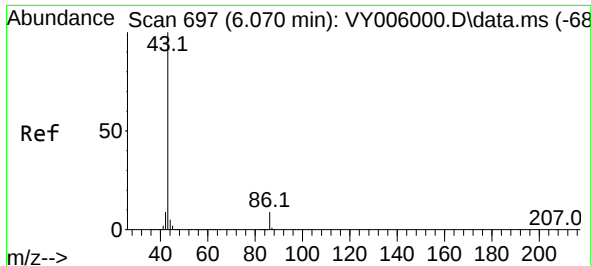
Tgt Ion: 76 Resp: 8893
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#20
Methylene Chloride
Concen: 12.845 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 84 Resp: 5307
Ion Ratio Lower Upper
84 100
49 137.4 114.4 171.6
51 44.8 35.3 52.9
86 54.6 53.7 80.5

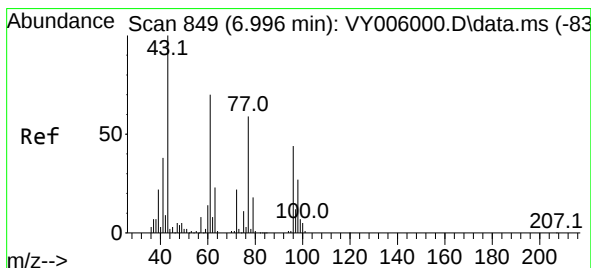
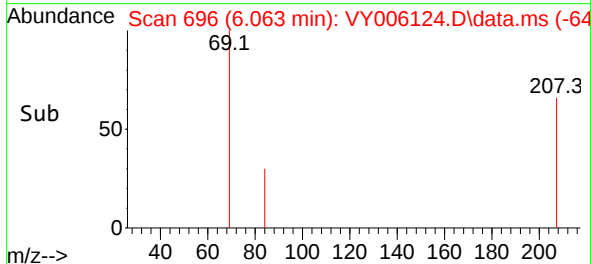
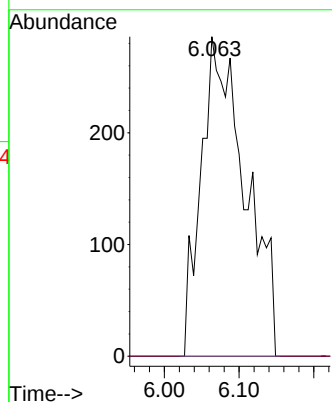
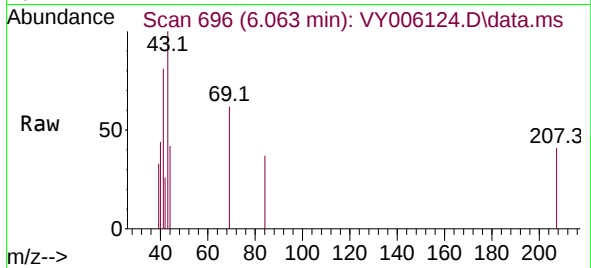




#23
 Vinyl Acetate
 Concen: 1.636 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY006124.D
 Acq: 23 Sep 2021 15:10

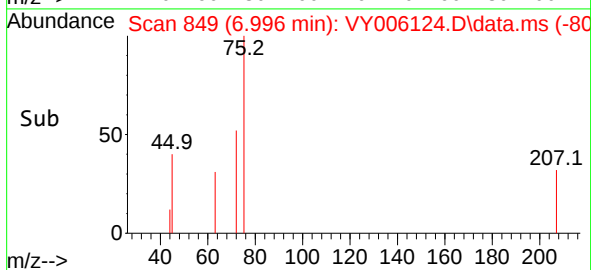
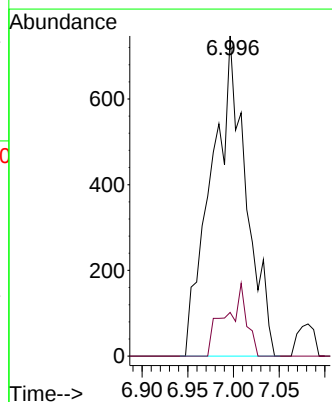
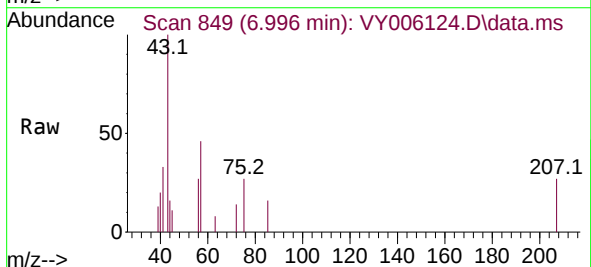
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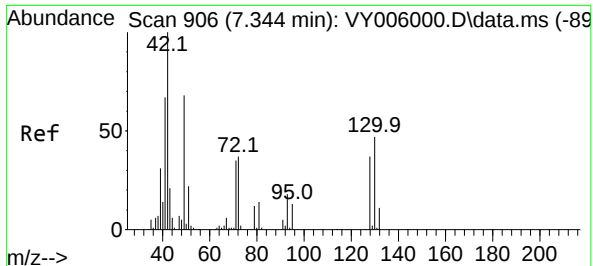
Tgt Ion: 43 Resp: 1171
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 13.669 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY006124.D
 Acq: 23 Sep 2021 15:10

Tgt Ion: 43 Resp: 1966
 Ion Ratio Lower Upper
 43 100
 72 13.7 17.7 26.5#





#28

Bromochloromethane

Concen: 1.962 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.195 min

Lab File: VY006124.D

Acq: 23 Sep 2021 15:10

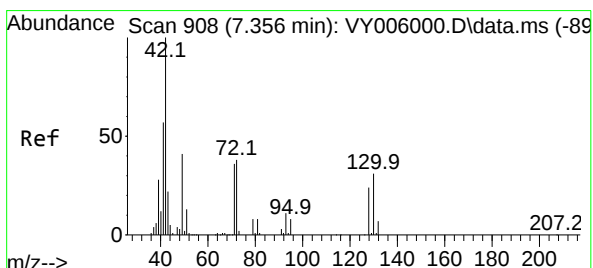
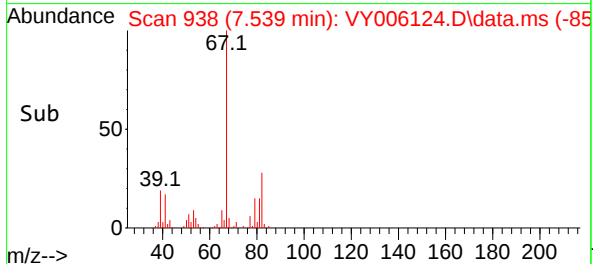
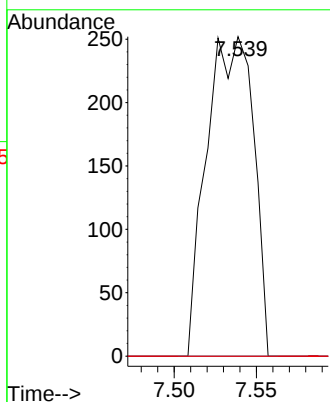
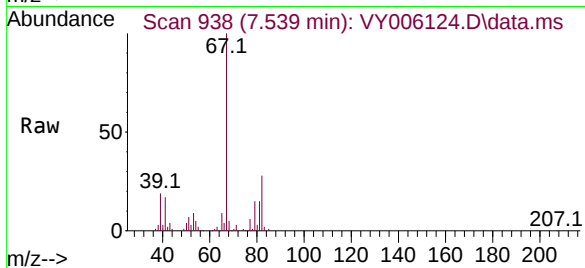
Instrument :

MSVOA_Y

ClientSampleId :

SP-LPA-01

Tgt Ion:	49	Resp:	501
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	55.4	83.0#



#29

Tetrahydrofuran

Concen: 1.084 ug/l

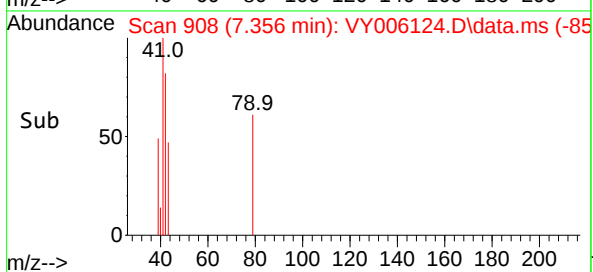
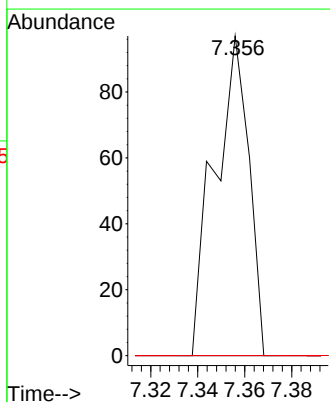
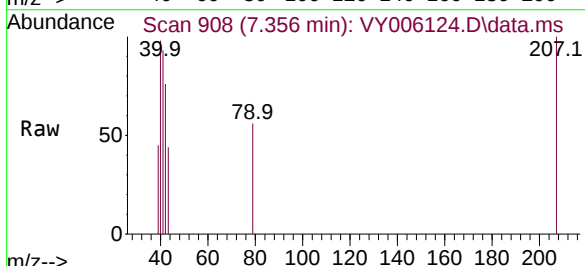
RT: 7.356 min Scan# 908

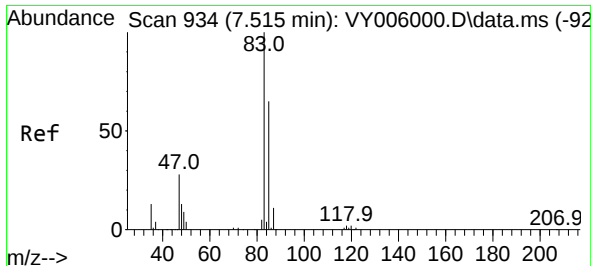
Delta R.T. -0.000 min

Lab File: VY006124.D

Acq: 23 Sep 2021 15:10

Tgt Ion:	42	Resp:	98
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

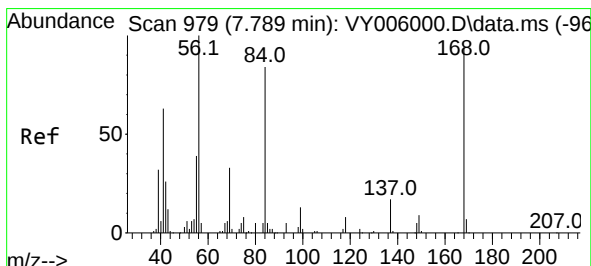
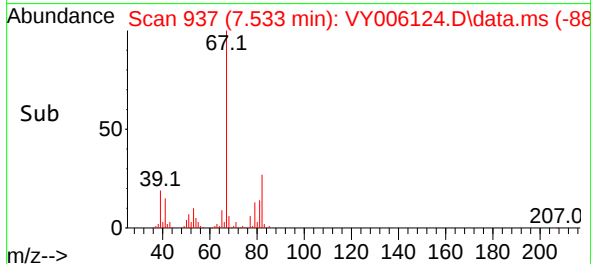
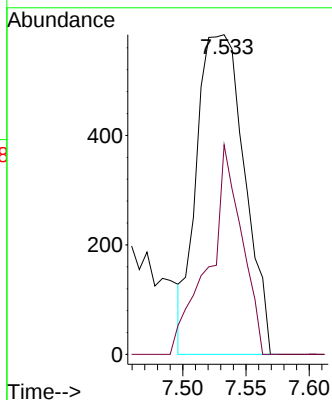
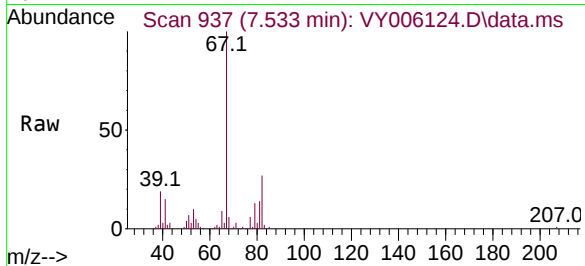




#30
Chloroform
Concen: 2.636 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.018 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

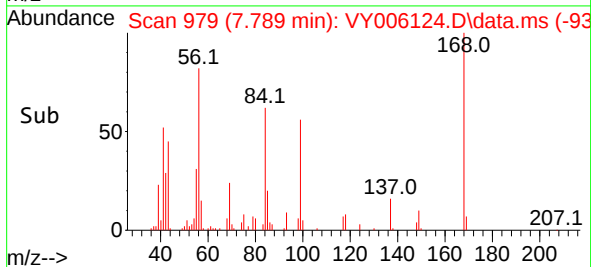
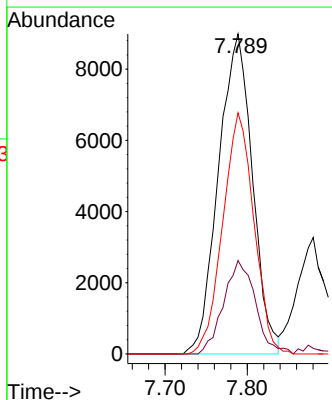
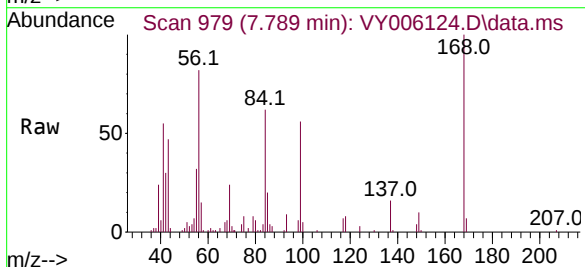
Instrument :
MSVOA_Y
ClientSampled :
SP-LPA-01

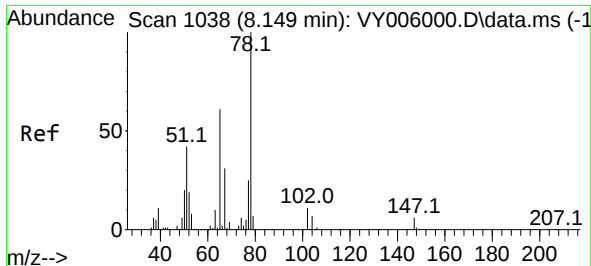
Tgt Ion: 83 Resp: 1536
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6



#31
Cyclohexane
Concen: 42.337 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 56 Resp: 25804
Ion Ratio Lower Upper
56 100
69 29.2 26.7 40.1
84 75.4 67.2 100.8

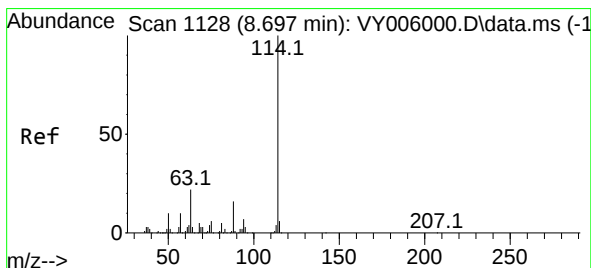
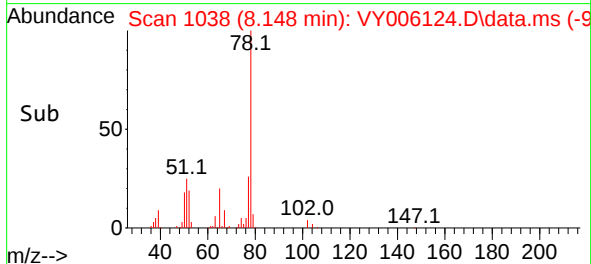
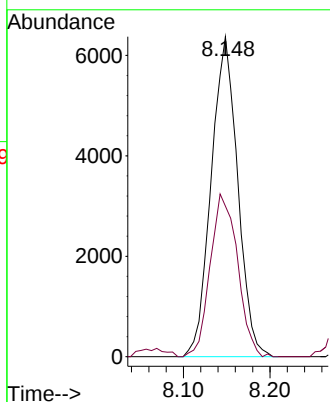
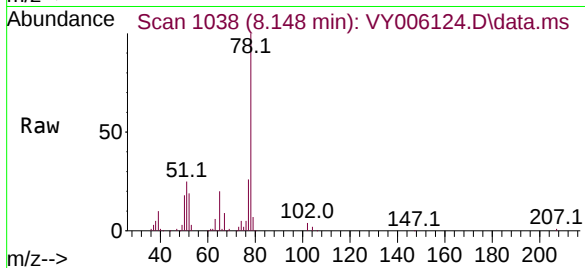




#33
1,2-Dichloroethane-d4
Concen: 35.613 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

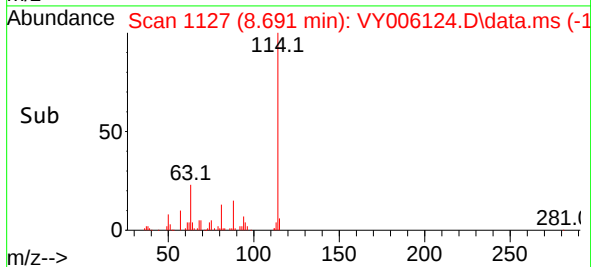
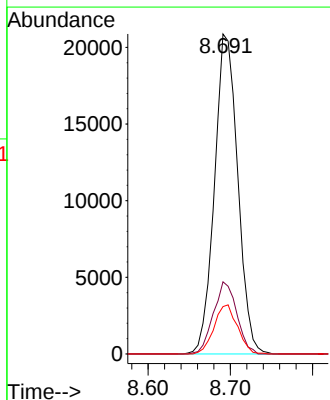
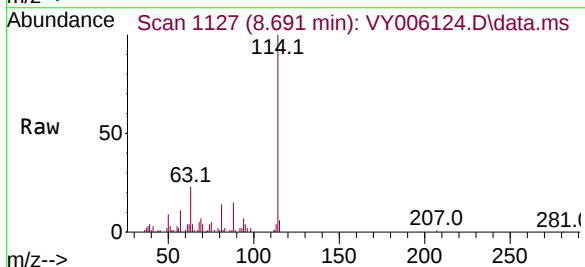
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

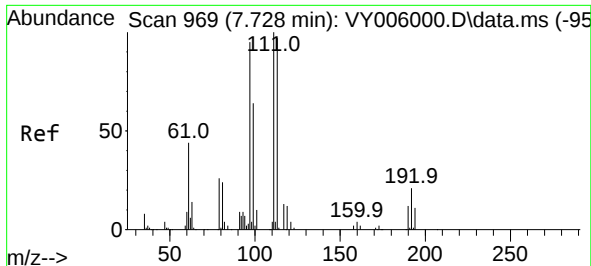
Tgt Ion: 65 Resp: 13550
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 114 Resp: 41076
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 14.8 0.0 31.8

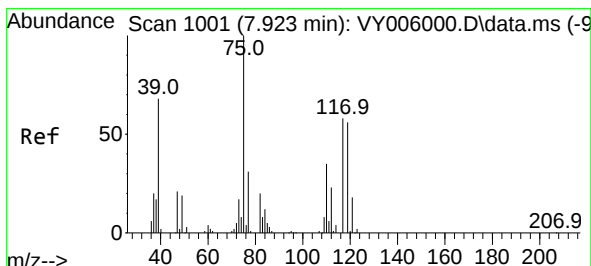
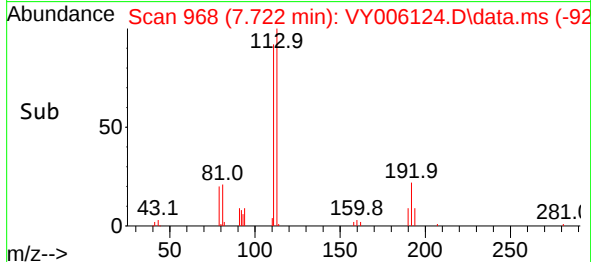
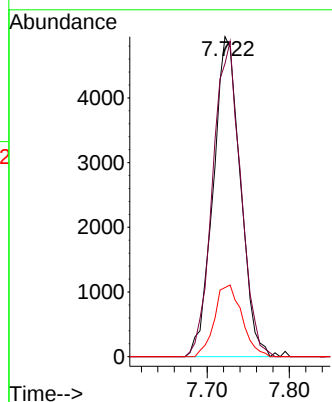
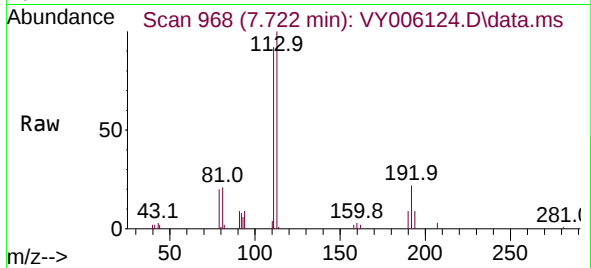




#35
Dibromofluoromethane
Concen: 44.464 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

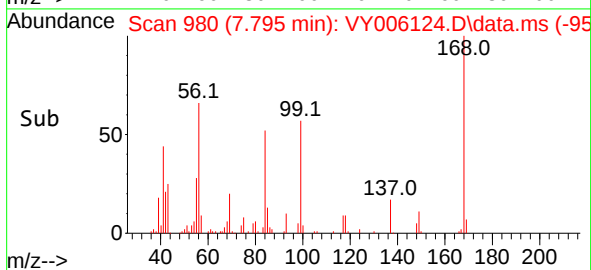
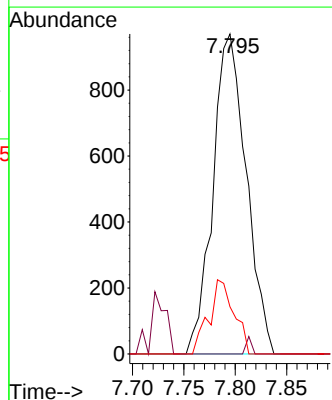
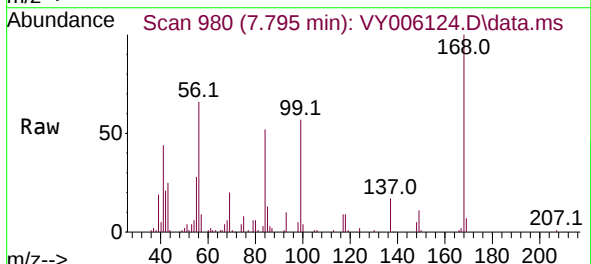
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

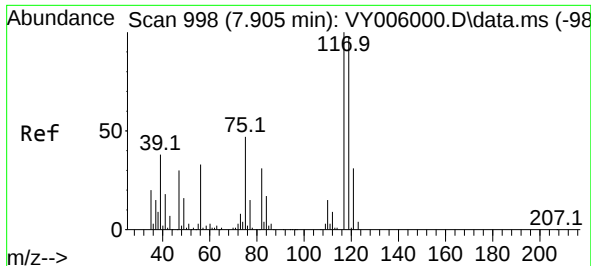
Tgt Ion:113	Resp:	11344
Ion Ratio	Lower	Upper
113	100	
111	101.2	82.6 124.0
192	22.7	17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

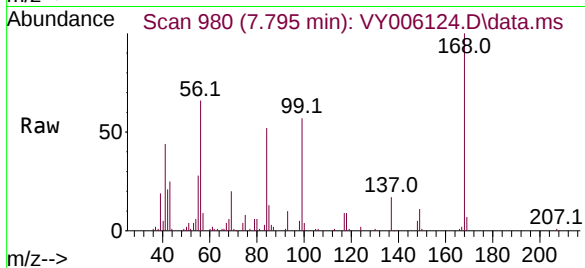
Tgt Ion: 75	Resp:	2183
Ion Ratio	Lower	Upper
75	100	
110	0.9	17.1 51.2#
77	0.0	24.4 36.6#



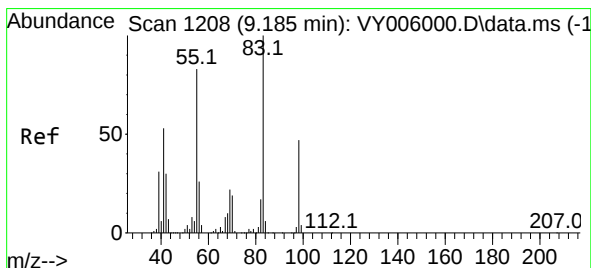
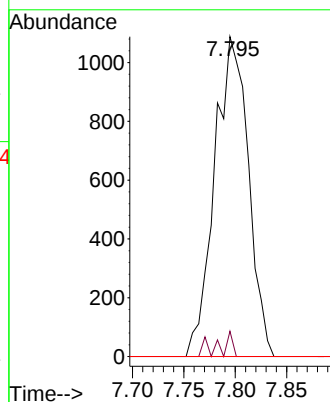
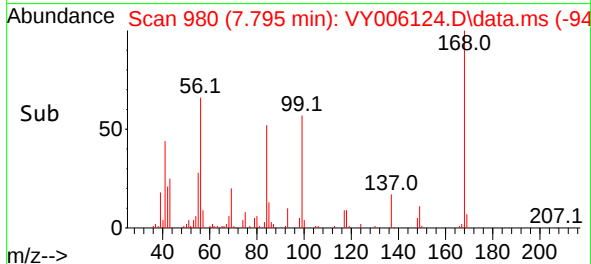


#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

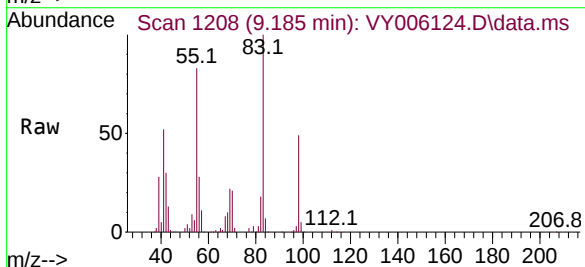
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01



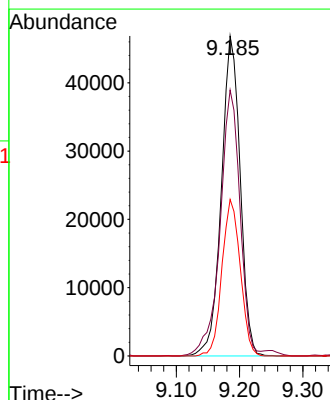
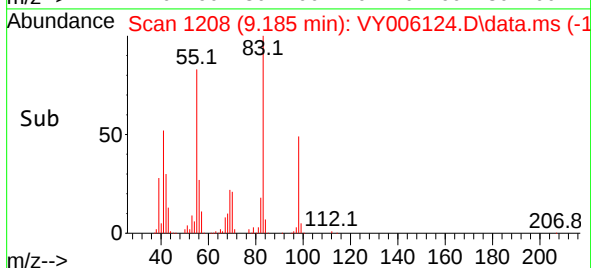
Tgt Ion: 117 Resp: 2490
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#

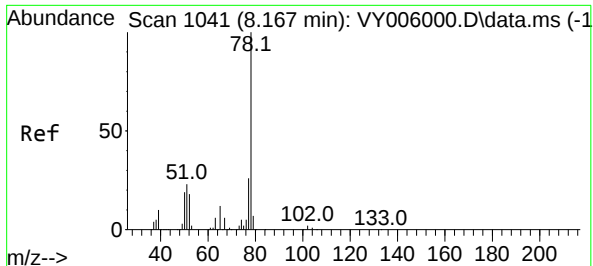


#39
Methylcyclohexane
Concen: 175.799 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10



Tgt Ion: 83 Resp: 96601
Ion Ratio Lower Upper
83 100
55 83.1 66.5 99.7
98 48.9 37.9 56.9

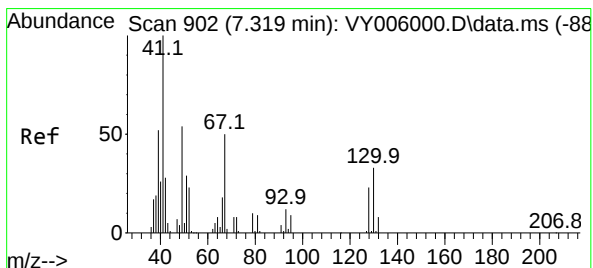
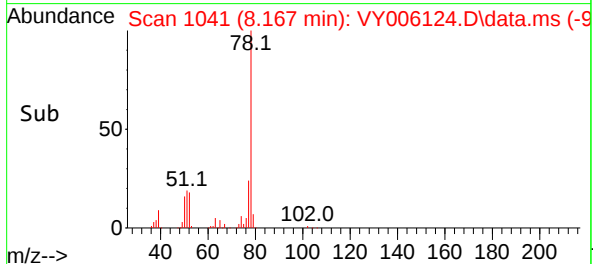
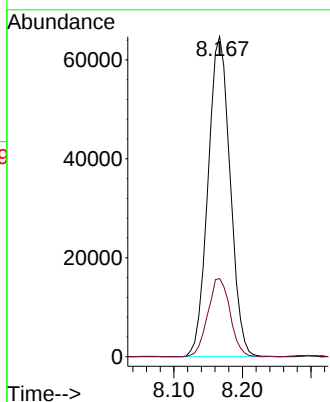
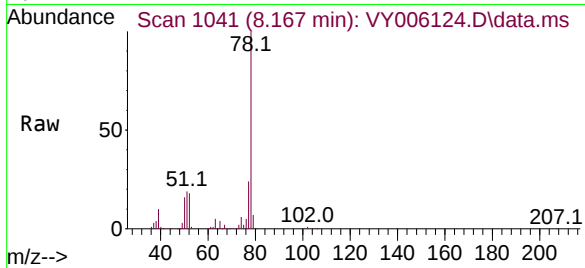




#40
Benzene
Concen: 114.064 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

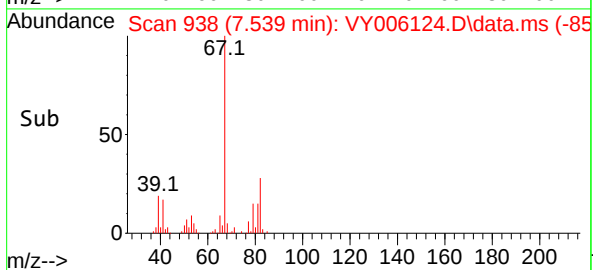
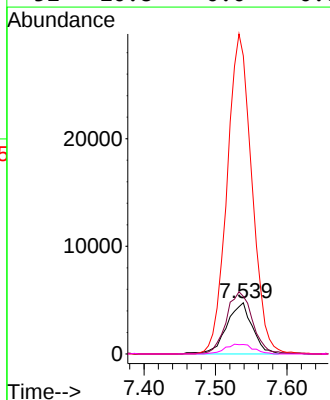
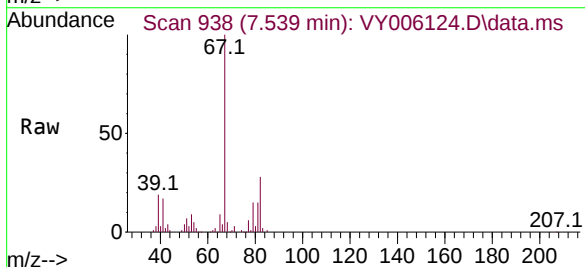
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

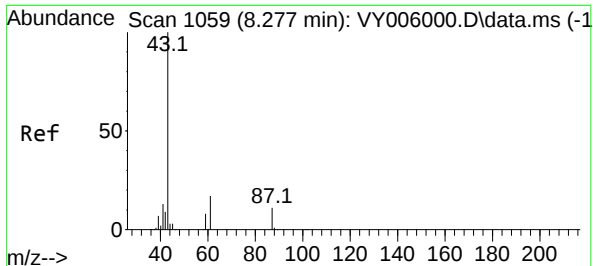
Tgt Ion: 78 Resp: 145017
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6



#41
Methacrylonitrile
Concen: 66.358 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.219 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 41 Resp: 11870
Ion Ratio Lower Upper
41 100
39 123.3 92.9 139.3
67 600.7 0.0 0.0#
52 20.8 0.0 0.0#

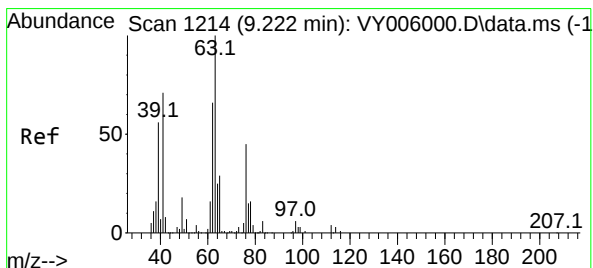
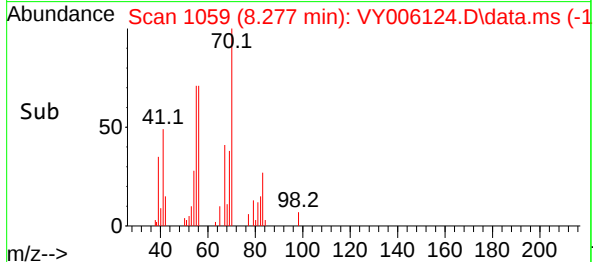
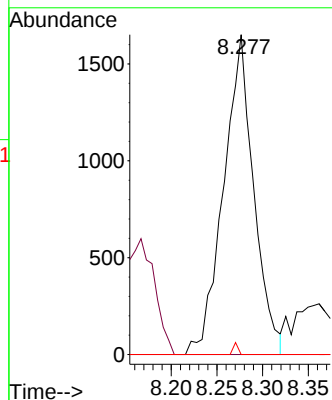
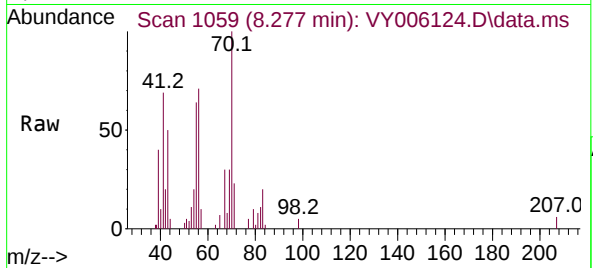




#43
Isopropyl Acetate
Concen: 6.658 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

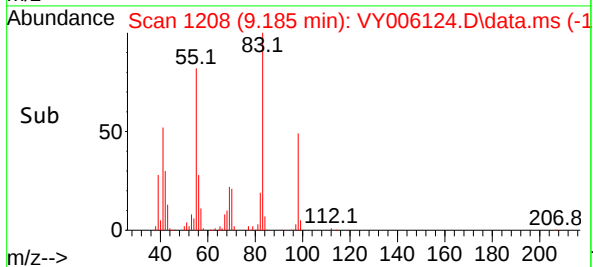
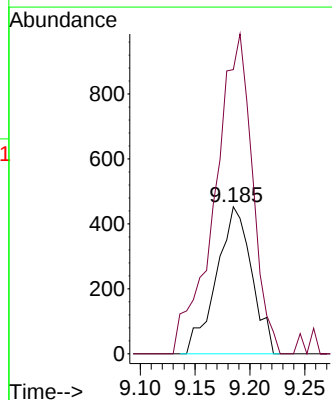
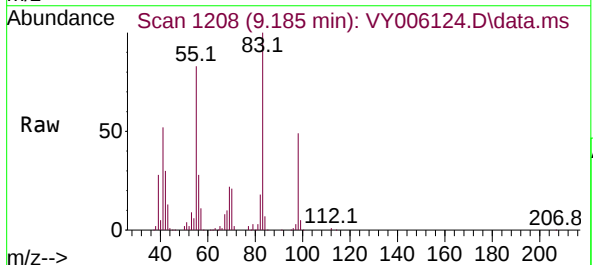
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

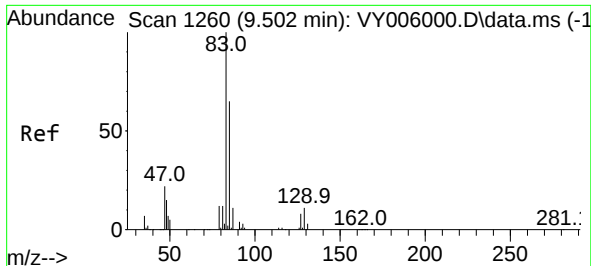
Tgt Ion:	43	Resp:	3798
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.6	8.9	13.3#



#45
1,2-Dichloropropane
Concen: 3.205 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.037 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:	63	Resp:	1008
Ion	Ratio	Lower	Upper
63	100		
65	193.2	23.0	34.6#

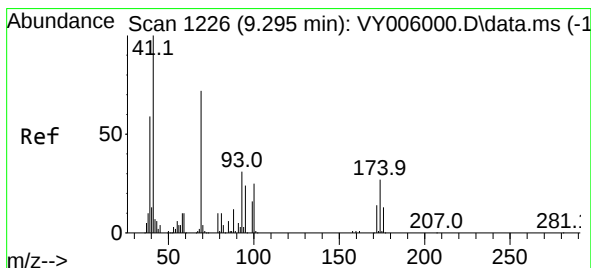
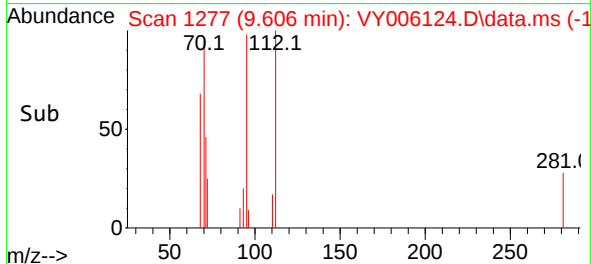
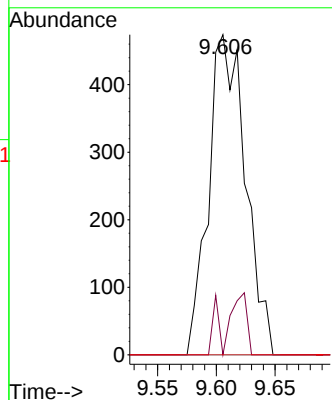
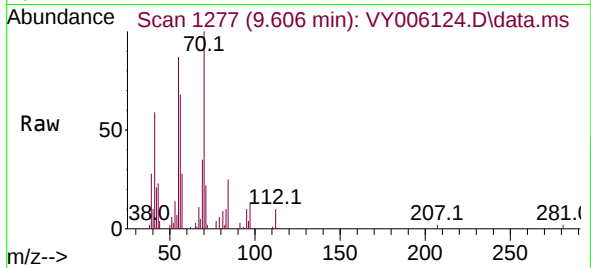




#47
Bromodichloromethane
Concen: 2.364 ug/l
RT: 9.606 min Scan# 1277
Delta R.T. 0.103 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

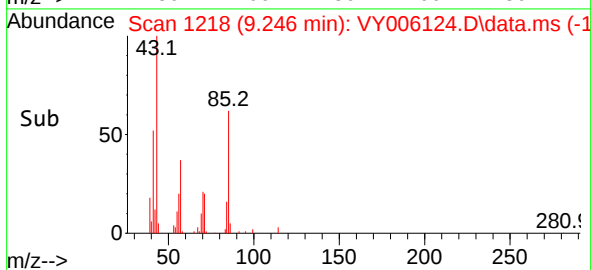
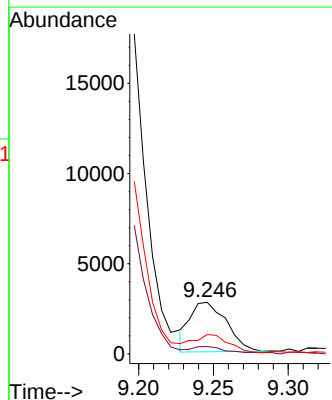
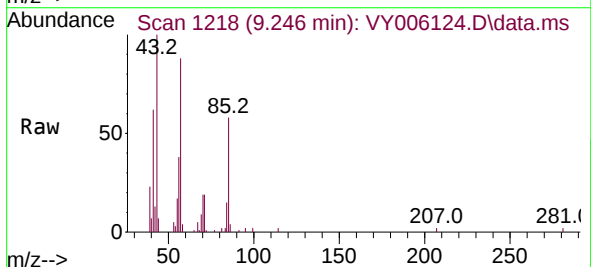
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

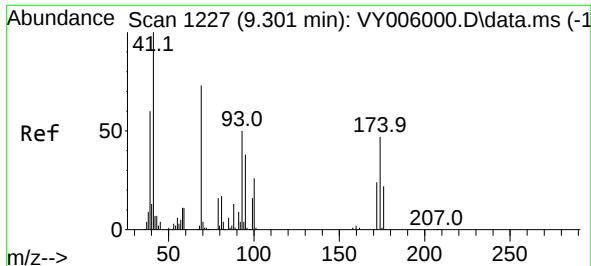
Tgt Ion: 83 Resp: 1036
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 17.591 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 41 Resp: 4637
Ion Ratio Lower Upper
41 100
69 16.2 58.2 87.2#
39 36.2 47.4 71.0#

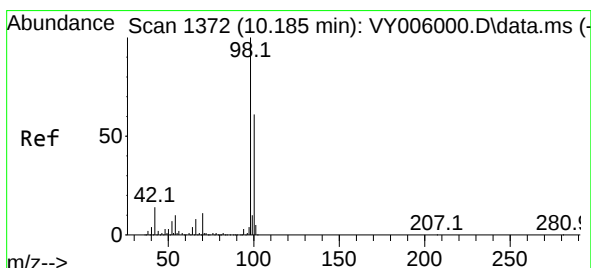
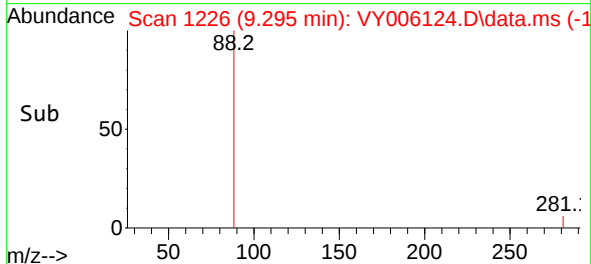
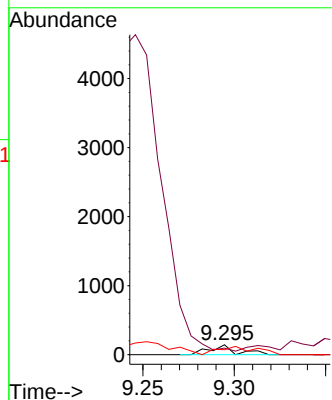
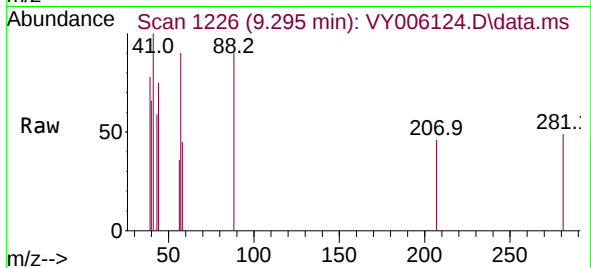




#49
1,4-Dioxane
Concen: 60.869 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

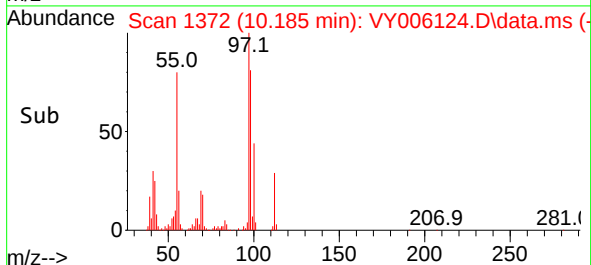
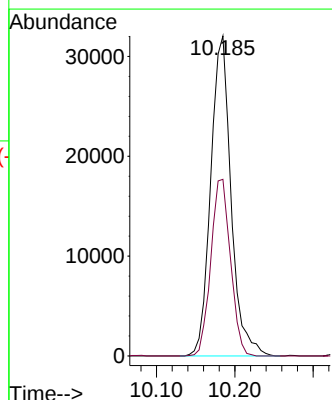
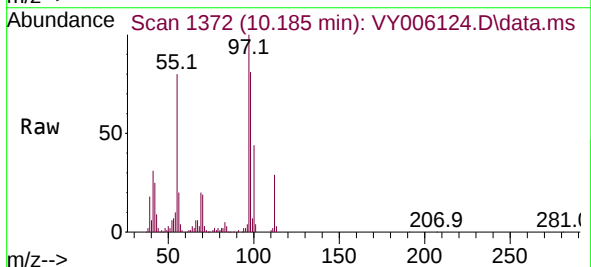
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

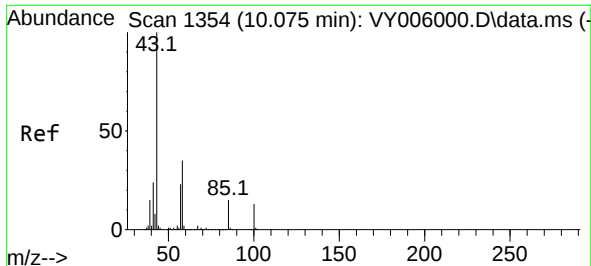
Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 123.1 59.8 89.6#



#50
Toluene-d8
Concen: 53.164 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 98 Resp: 57809
Ion Ratio Lower Upper
98 100
100 53.3 50.2 75.2

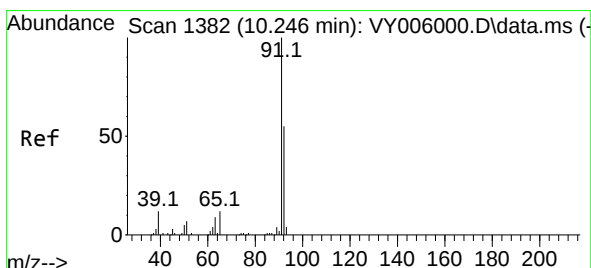
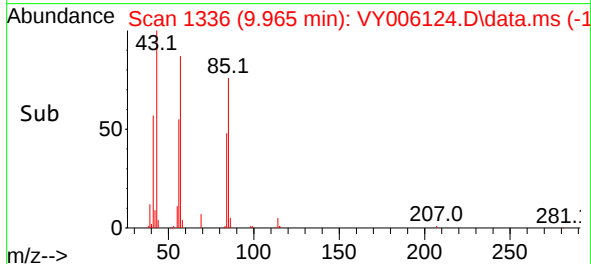
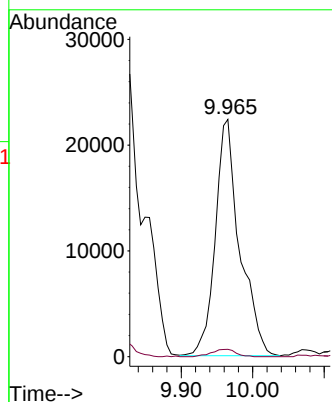
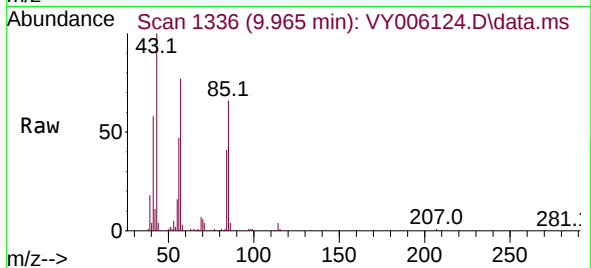




#51
4-Methyl-2-Pentanone
Concen: 174.254 ug/l
RT: 9.965 min Scan# 1336
Delta R.T. -0.110 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

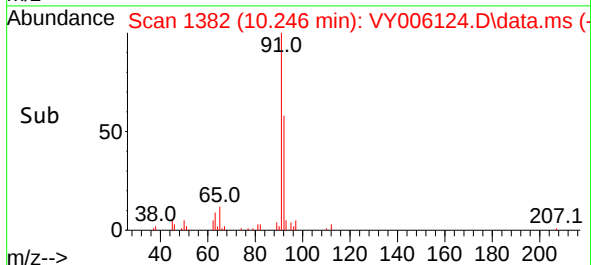
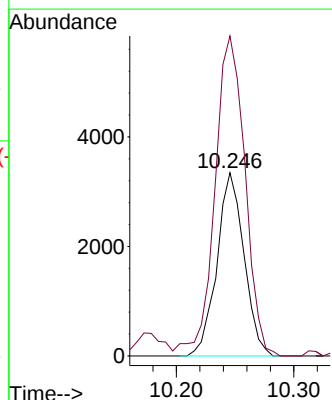
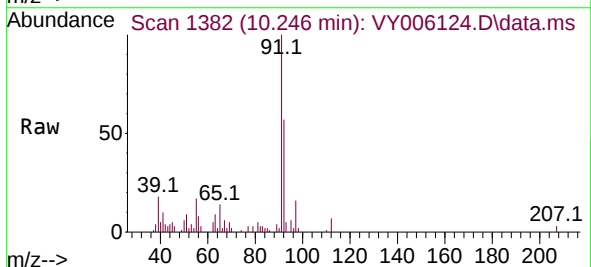
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

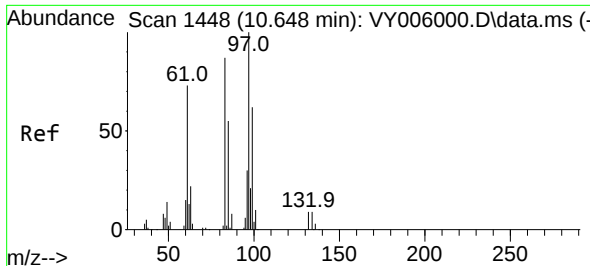
Tgt Ion: 43 Resp: 52996
Ion Ratio Lower Upper
43 100
58 3.1 28.1 42.1#



#52
Toluene
Concen: 6.826 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 92 Resp: 5348
Ion Ratio Lower Upper
92 100
91 194.5 142.6 213.8

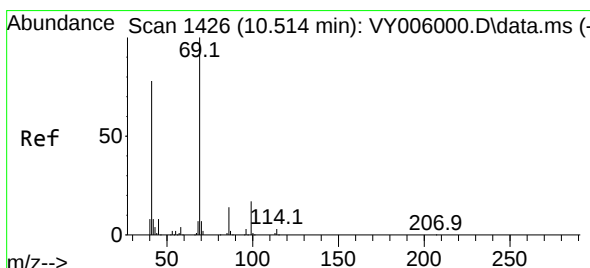
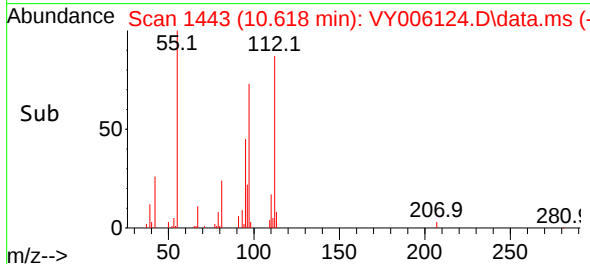
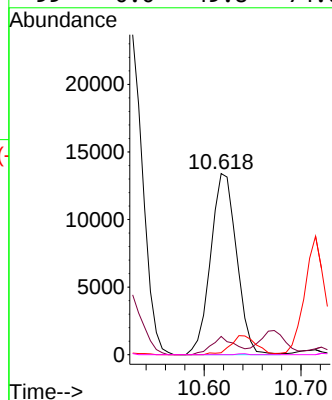
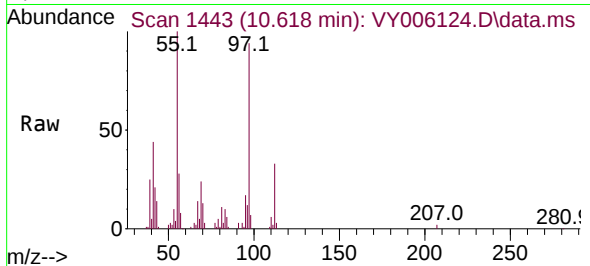




#55
1,1,2-Trichloroethane
Concen: 107.033 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

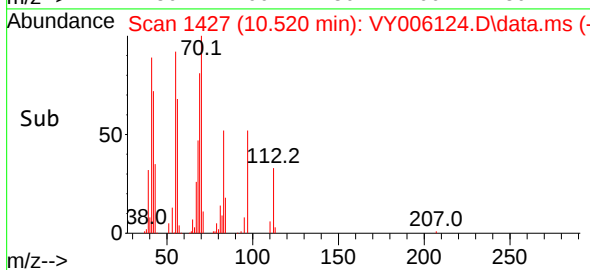
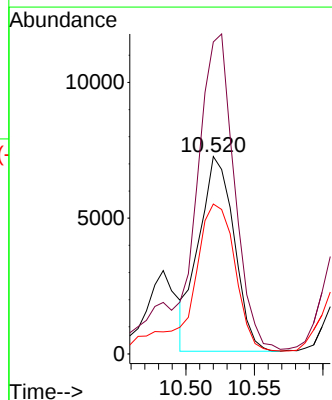
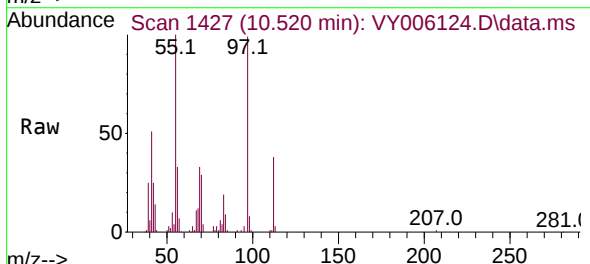
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

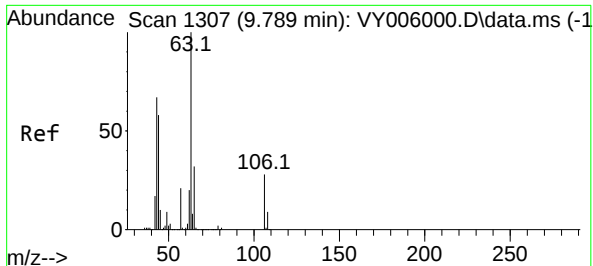
Tgt Ion:	97	Resp:	25038
Ion	Ratio	Lower	Upper
97	100		
83	10.1	69.8	104.8#
85	1.1	44.3	66.5#
99	0.0	49.8	74.6#



#56
Ethyl methacrylate
Concen: 34.364 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:	69	Resp:	12851
Ion	Ratio	Lower	Upper
69	100		
41	187.4	63.4	95.0#
39	95.8	35.8	53.8#

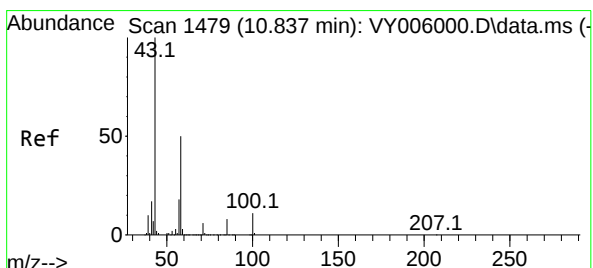
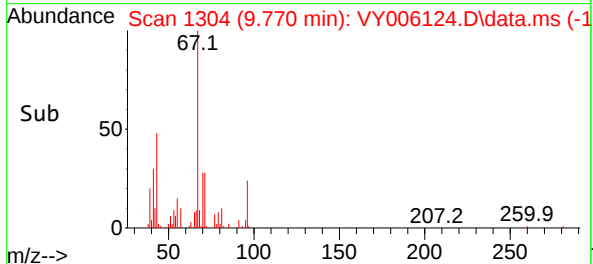
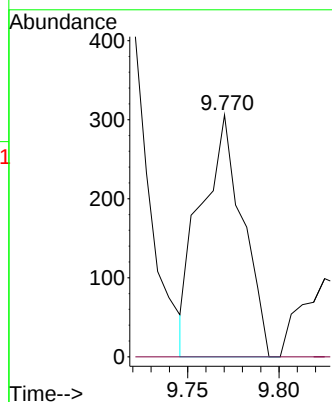
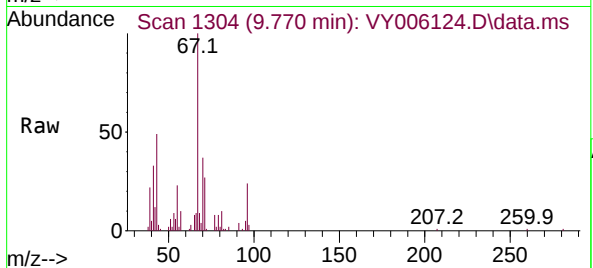




#58
2-Chloroethyl Vinyl ether
Concen: 2.488 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

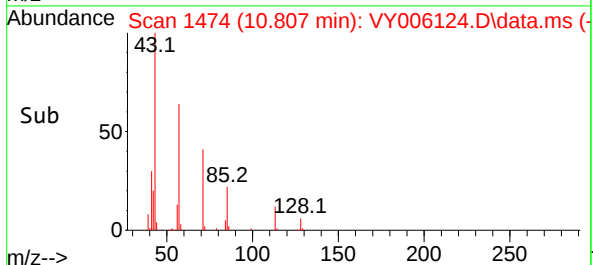
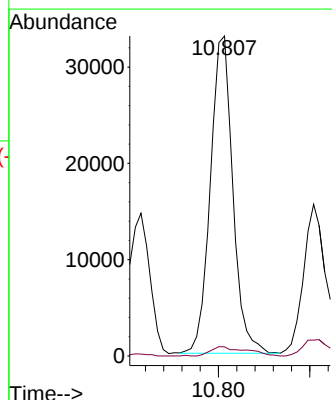
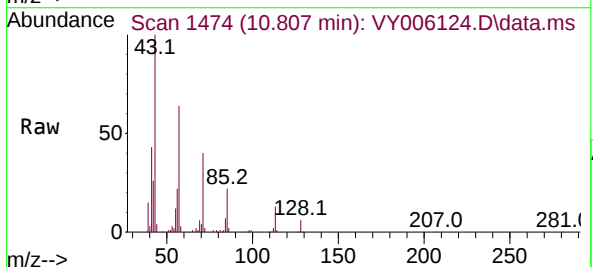
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

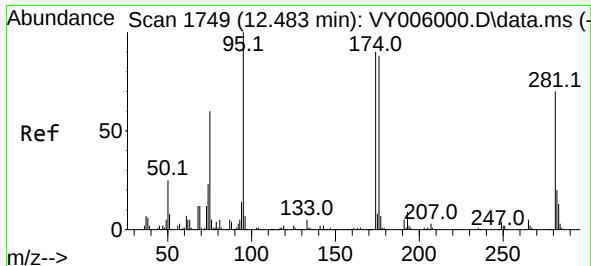
Tgt Ion: 63 Resp: 487
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 268.208 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 43 Resp: 56313
Ion Ratio Lower Upper
43 100
58 4.6 24.4 73.4#

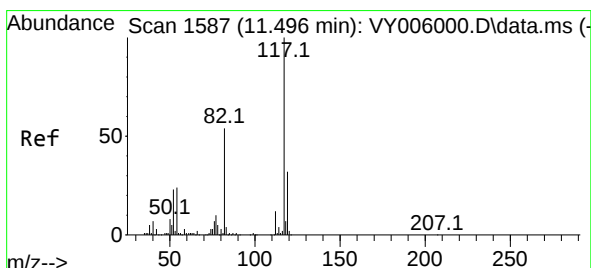
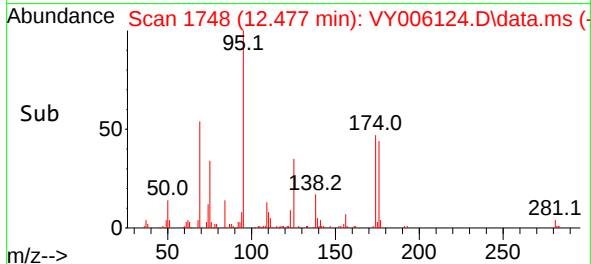
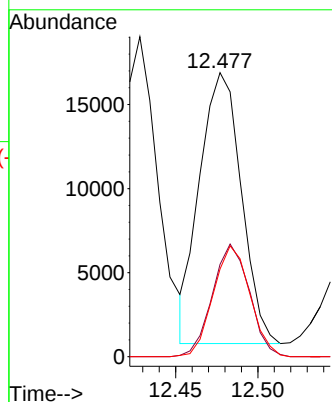
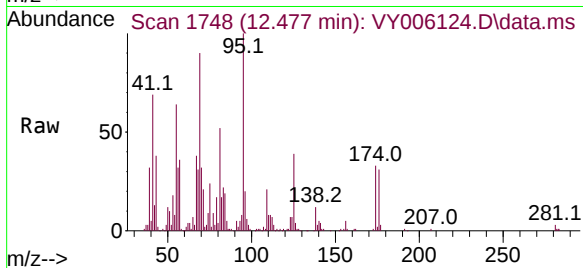




#62
4-Bromofluorobenzene
Concen: 76.845 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

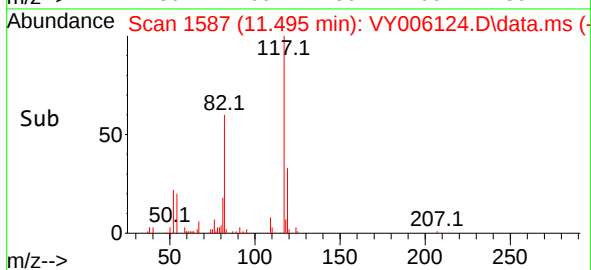
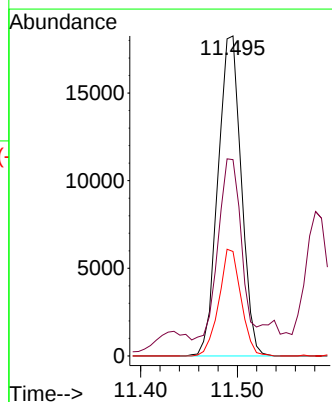
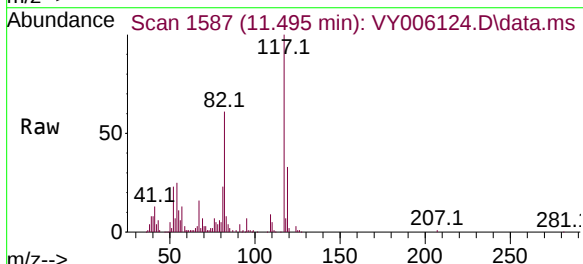
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

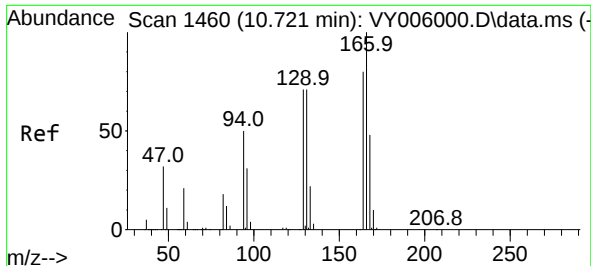
Tgt Ion: 95 Resp: 28370
Ion Ratio Lower Upper
95 100
174 36.9 0.0 177.0
176 36.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 117 Resp: 30493
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.6 25.4 38.0

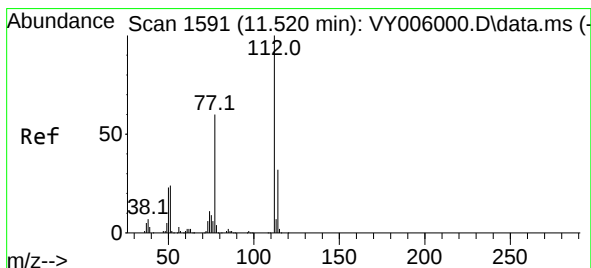
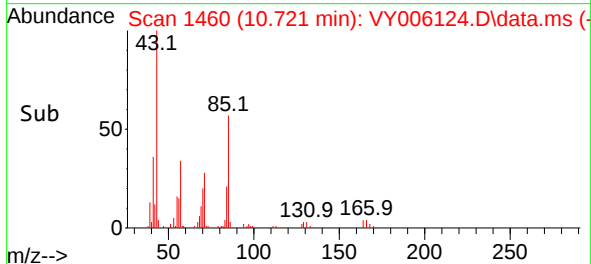
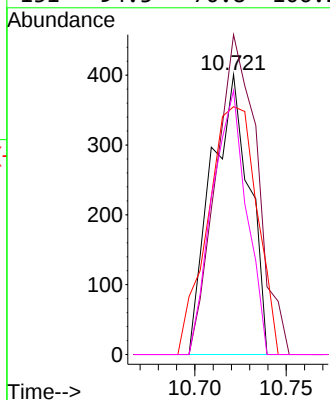
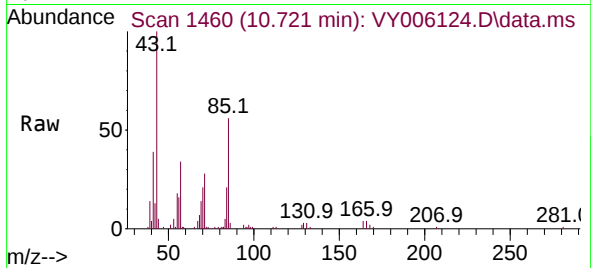




#64
Tetrachloroethene
Concen: 2.334 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

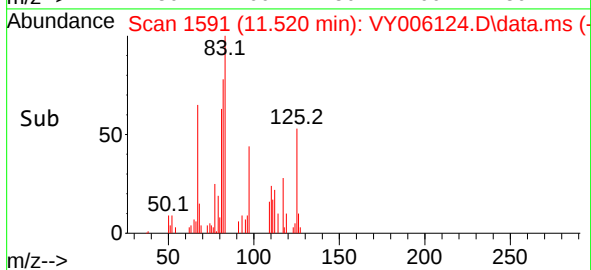
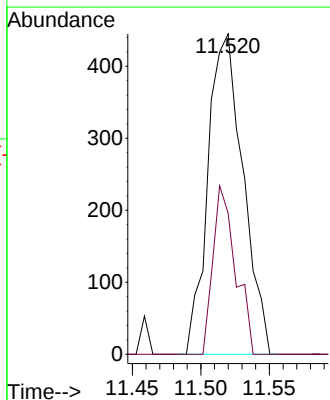
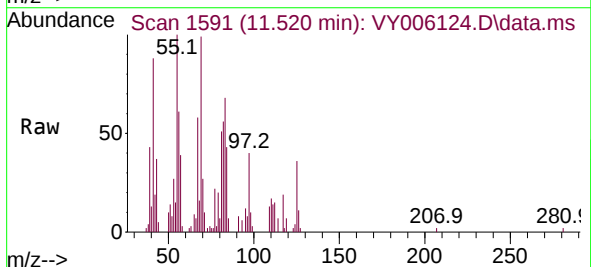
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

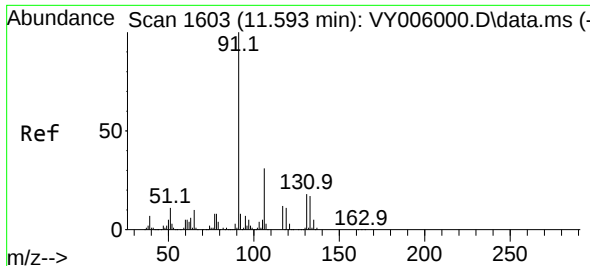
Tgt Ion:164	Resp:	582
Ion Ratio	Lower	Upper
164	100	
166	114.2	100.4 150.6
129	88.5	71.4 107.0
131	94.3	70.8 106.2



#65
Chlorobenzene
Concen: 1.215 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:112	Resp:	793
Ion Ratio	Lower	Upper
112	100	
114	44.0	25.8 38.6#

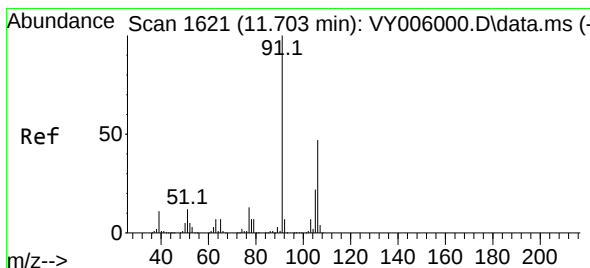
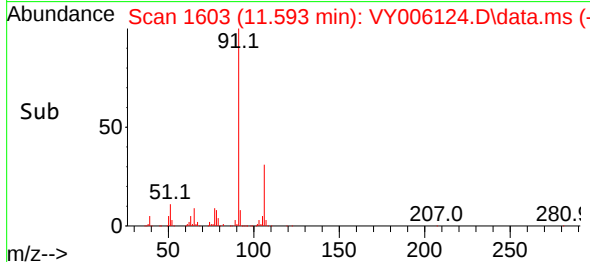
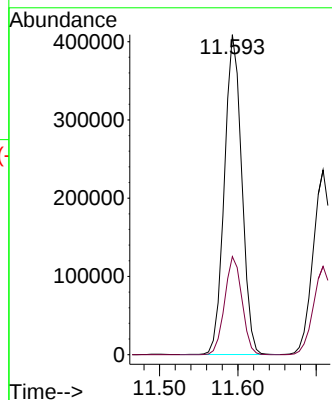
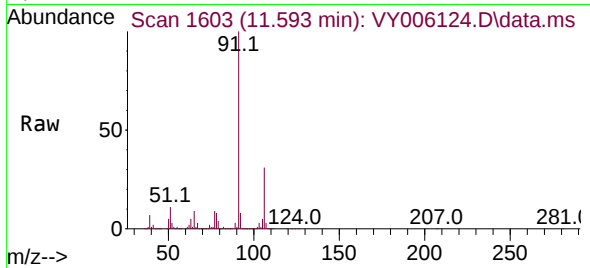




#67
Ethyl Benzene
Concen: 507.552 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

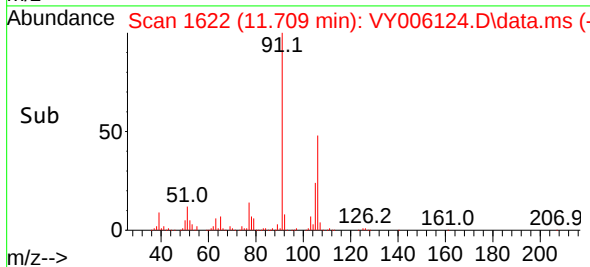
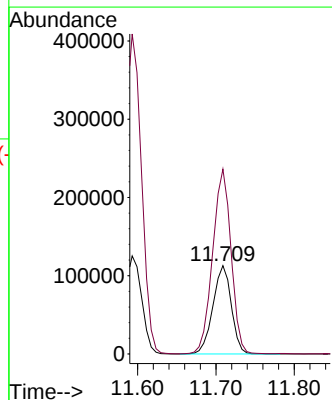
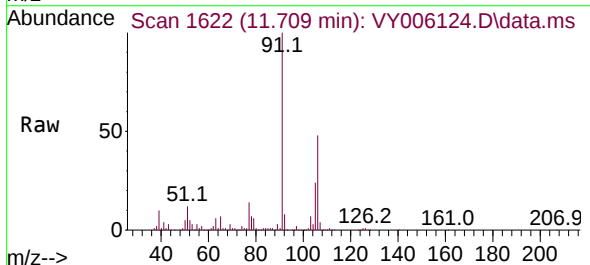
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

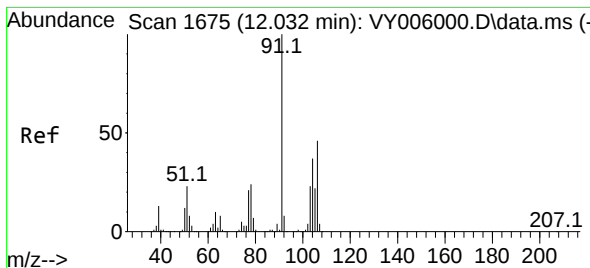
Tgt Ion: 91 Resp: 629474
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 390.534 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:106 Resp: 183659
Ion Ratio Lower Upper
106 100
91 209.3 166.6 249.8

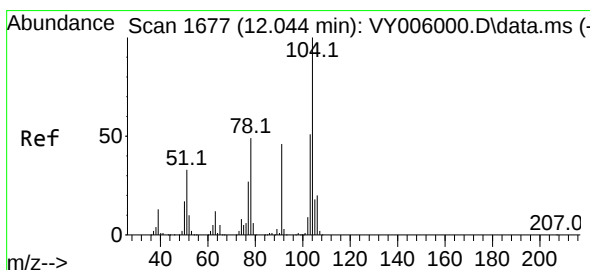
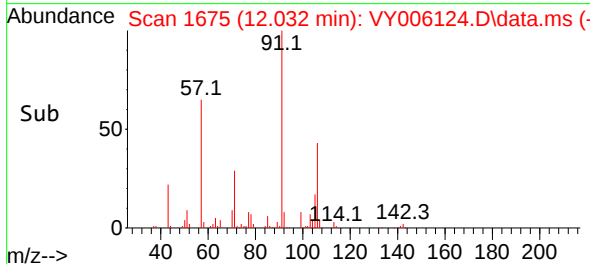
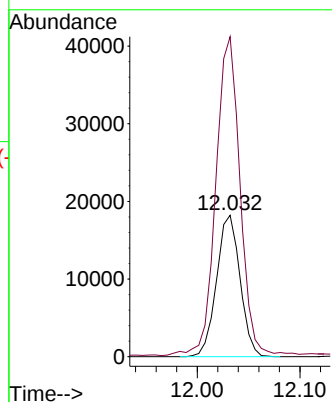
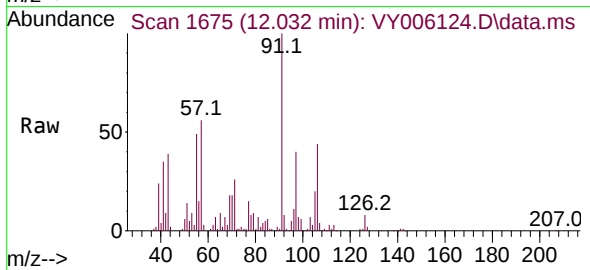




#69
o-Xylene
Concen: 64.975 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

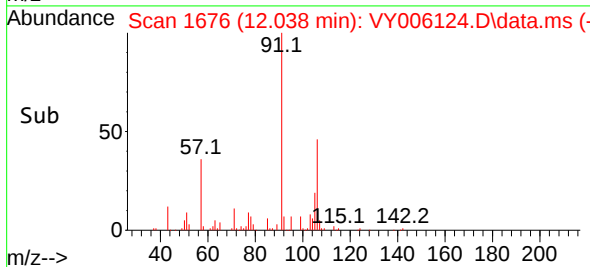
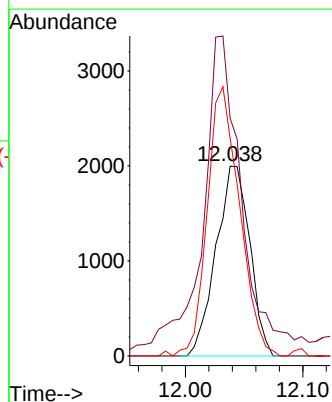
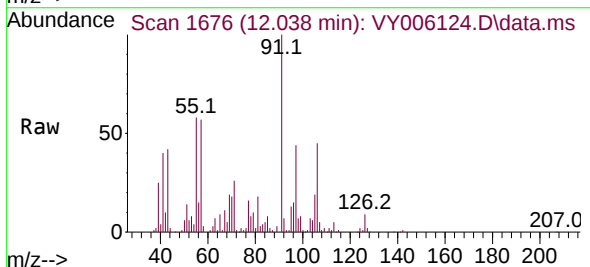
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

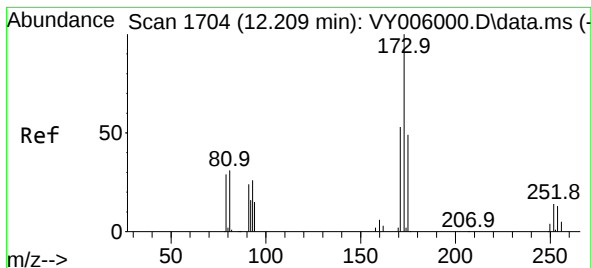
Tgt Ion:106 Resp: 28860
Ion Ratio Lower Upper
106 100
91 233.0 110.3 331.0



#70
Styrene
Concen: 5.237 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:104 Resp: 3985
Ion Ratio Lower Upper
104 100
78 185.4 42.4 63.6#
103 136.0 44.4 66.6#





#71

Bromoform

Concen: 1.143 ug/l

RT: 12.203 min Scan# 1703

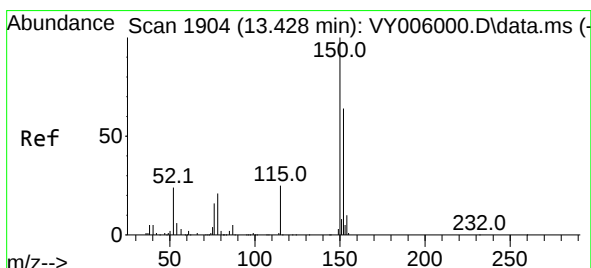
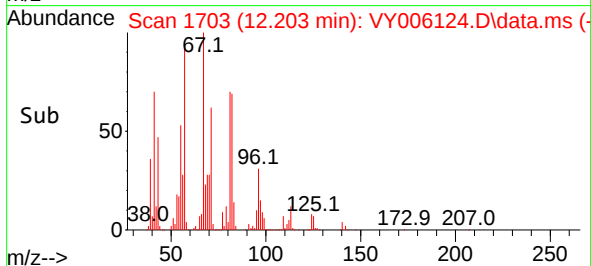
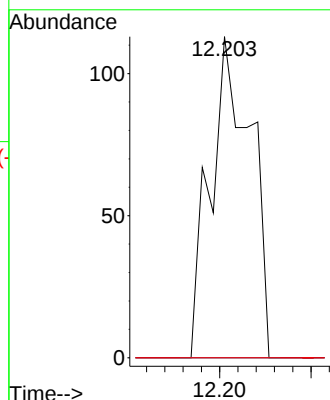
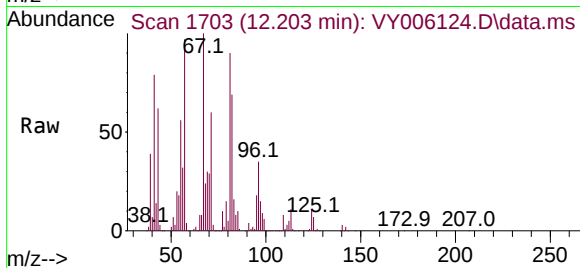
Delta R.T. -0.006 min

Lab File: VY006124.D

Acq: 23 Sep 2021 15:10

Tgt Ion:	173	Resp:	174
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

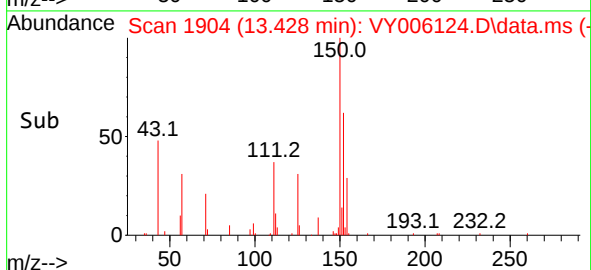
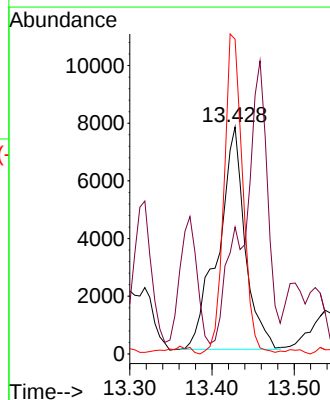
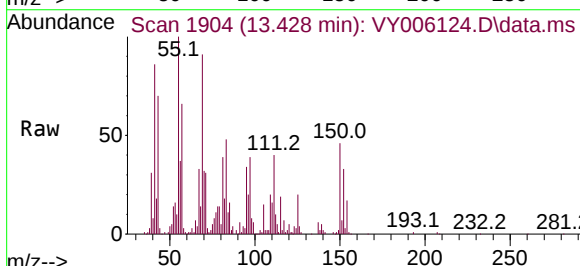
RT: 13.428 min Scan# 1904

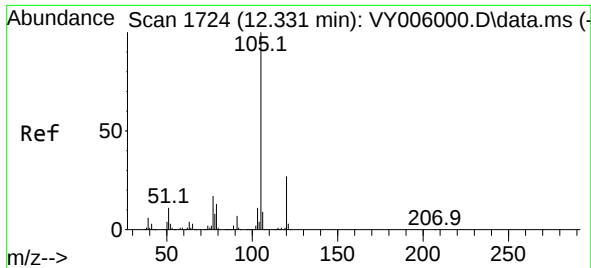
Delta R.T. -0.000 min

Lab File: VY006124.D

Acq: 23 Sep 2021 15:10

Tgt Ion:	152	Resp:	17560
Ion Ratio	Lower	Upper	
152	100		
115	0.0	28.2	84.7#
150	100.0	0.0	347.6

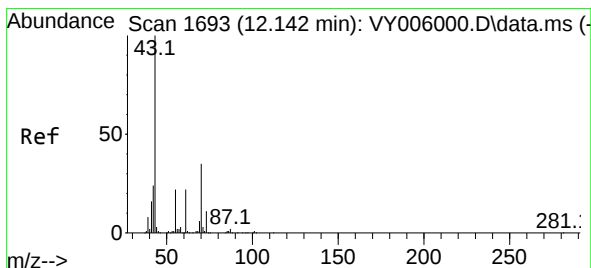
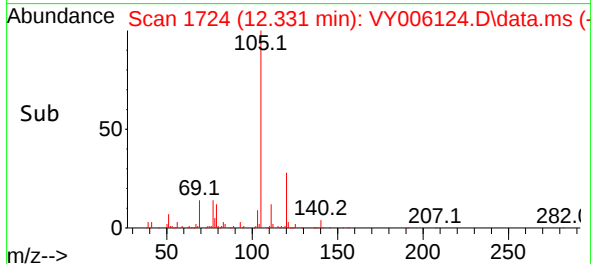
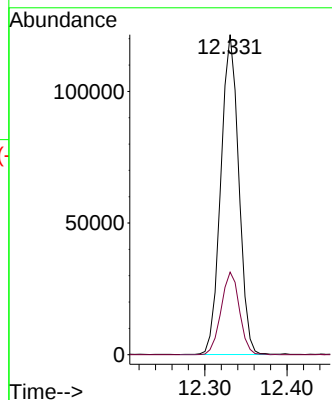
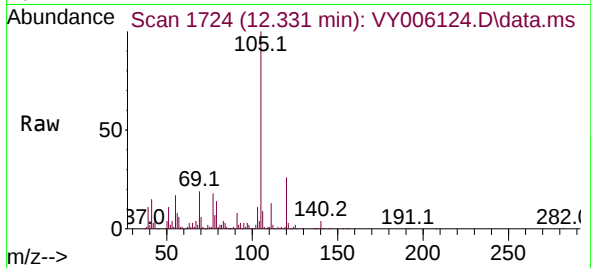




#73
Isopropylbenzene
Concen: 134.218 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

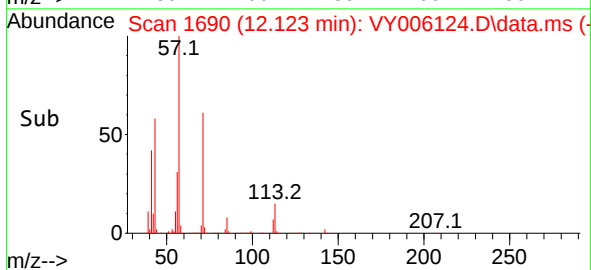
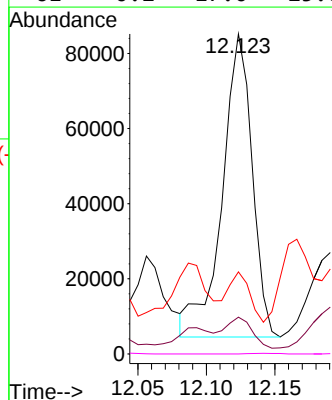
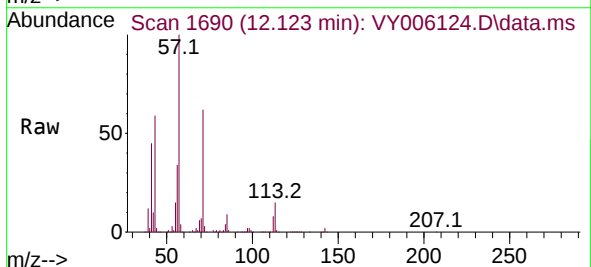
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

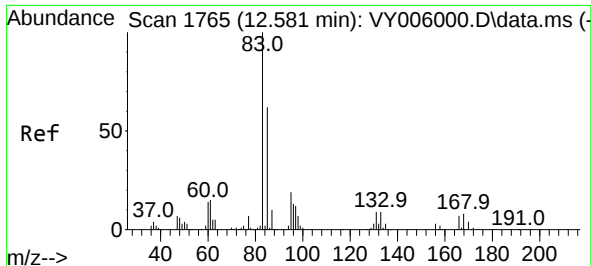
Tgt Ion:105 Resp: 184560
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 258.631 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 43 Resp: 122809
Ion Ratio Lower Upper
43 100
70 9.2 28.7 43.1#
55 12.8 17.3 25.9#
61 0.2 17.0 25.6#

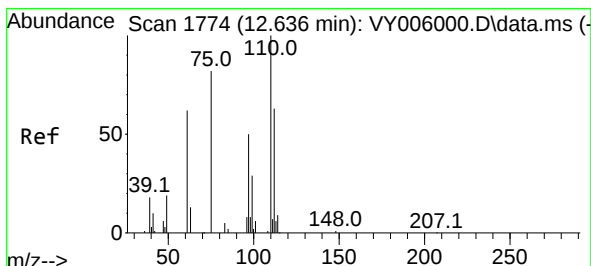
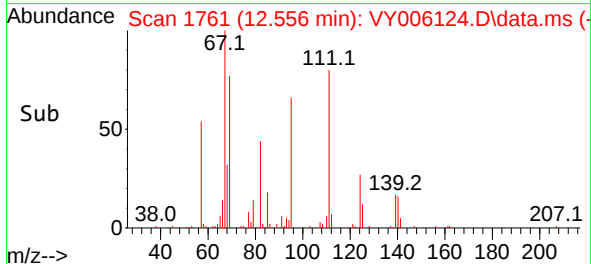
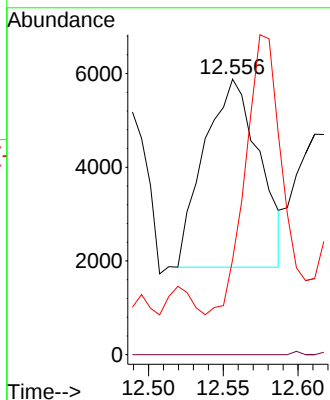
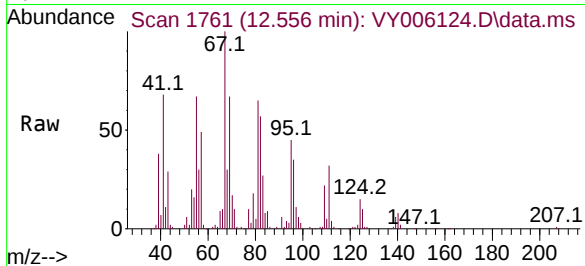




#75
1,1,2,2-Tetrachloroethane
Concen: 39.997 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.025 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

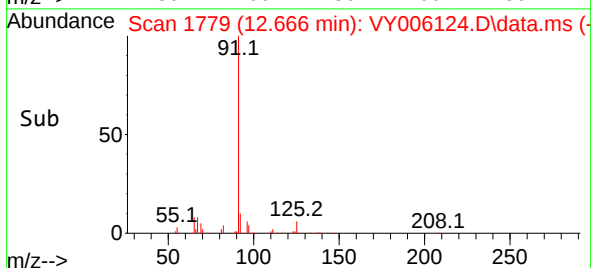
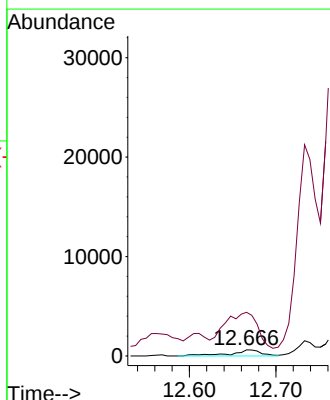
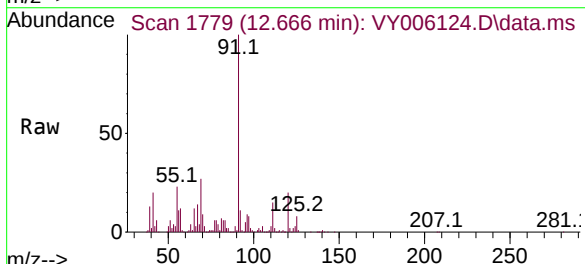
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

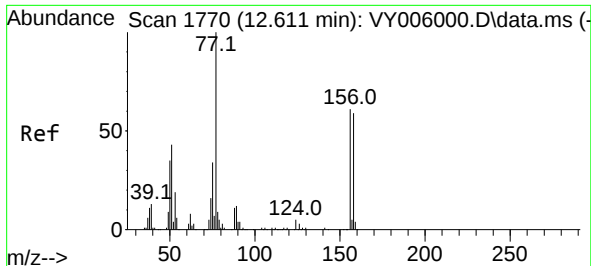
Tgt Ion: 83 Resp: 10233
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 99.5 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 8.017 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.030 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 75 Resp: 1501
Ion Ratio Lower Upper
75 100
77 631.2 0.0 0.0#

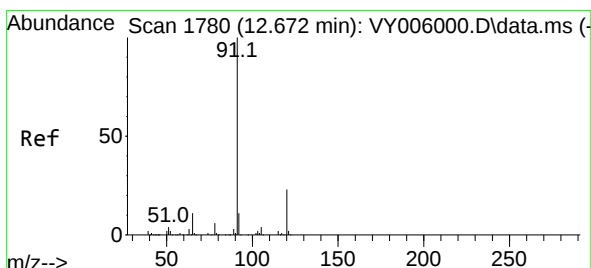
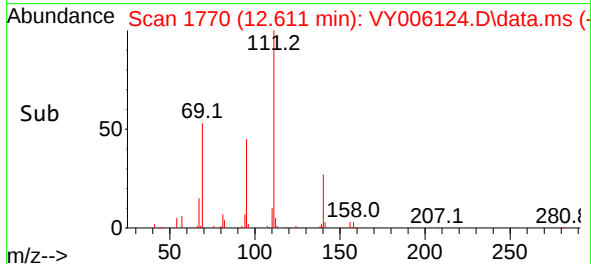
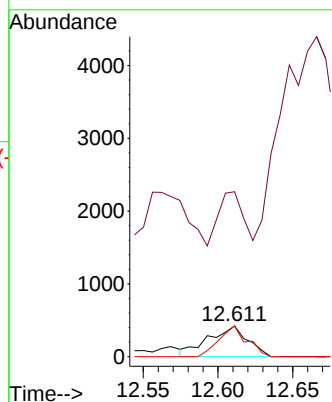
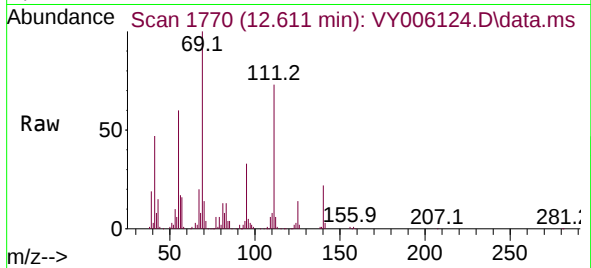




#77
Bromobenzene
Concen: 2.391 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

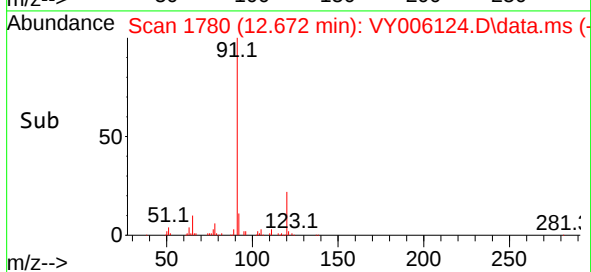
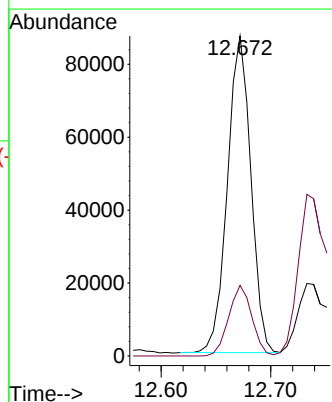
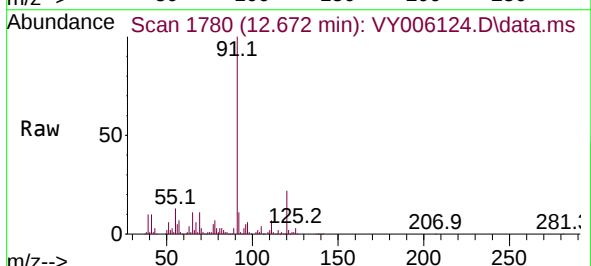
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

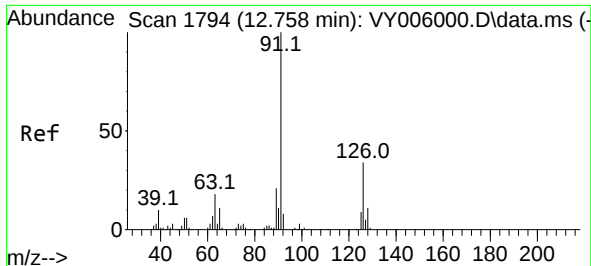
Tgt Ion:156 Resp: 767
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 71.1 48.0 144.0



#78
n-propylbenzene
Concen: 75.726 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 91 Resp: 128835
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

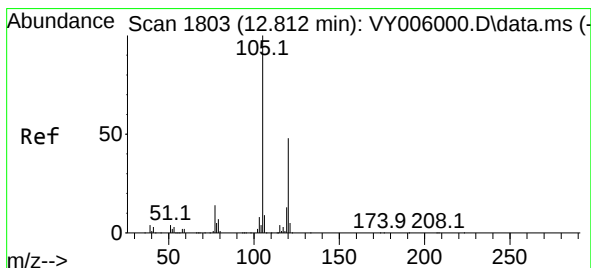
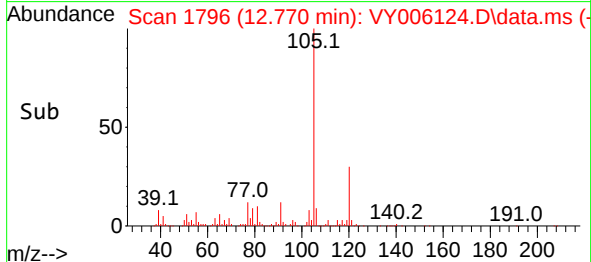
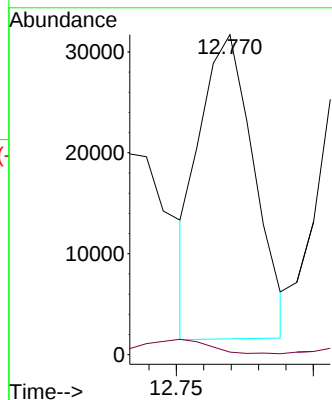
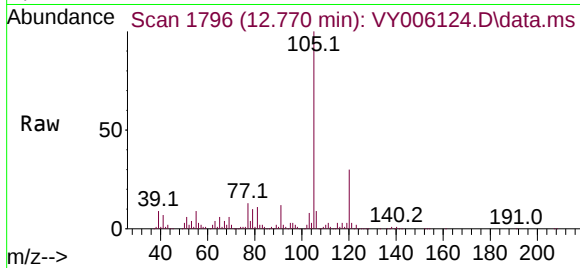




#79
2-Chlorotoluene
Concen: 45.035 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

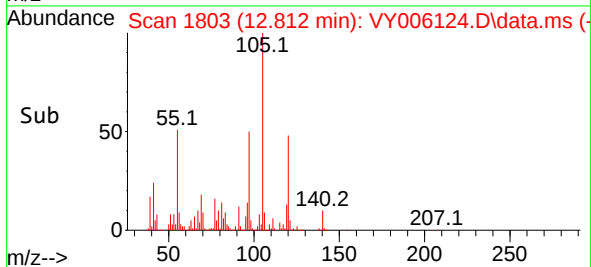
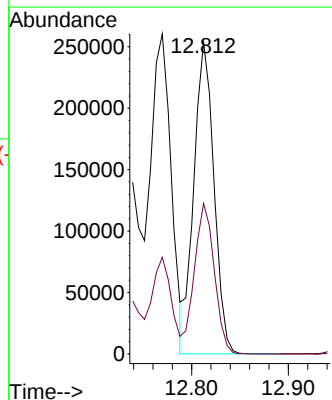
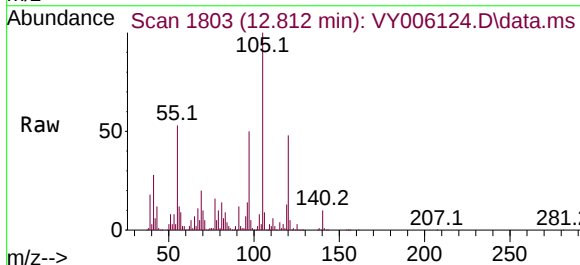
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

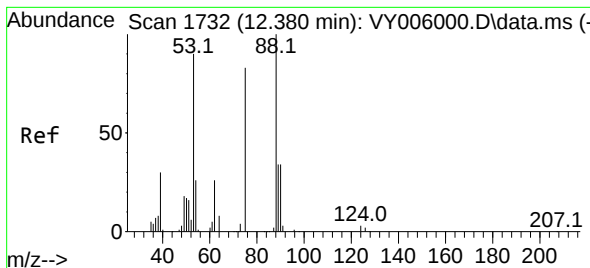
Tgt Ion: 91 Resp: 41659
Ion Ratio Lower Upper
91 100
126 6.5 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 321.106 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

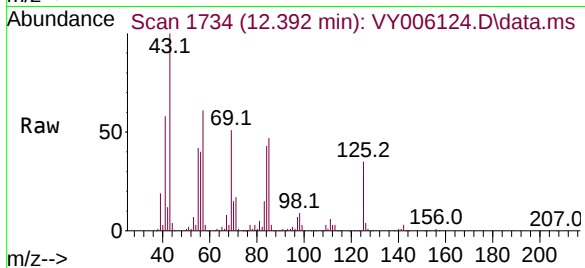
Tgt Ion: 105 Resp: 366195
Ion Ratio Lower Upper
105 100
120 48.1 24.4 73.4



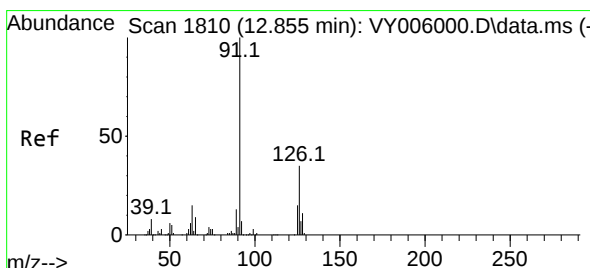
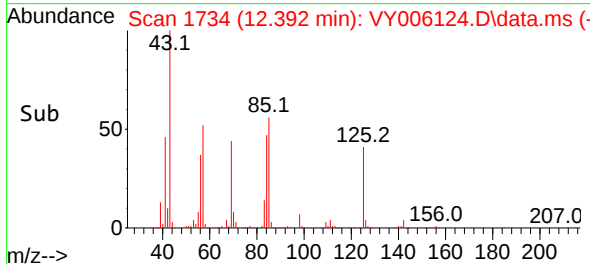
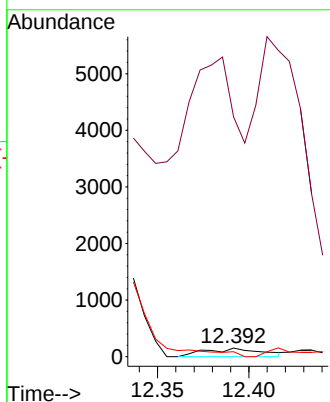


#81
trans-1,4-Dichloro-2-butene
Concen: 3.113 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Instrument :
MSVOA_Y
ClientSampled :
SP-LPA-01

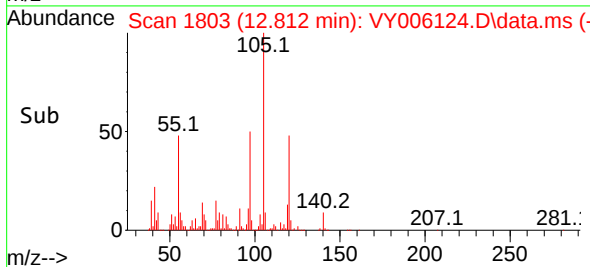
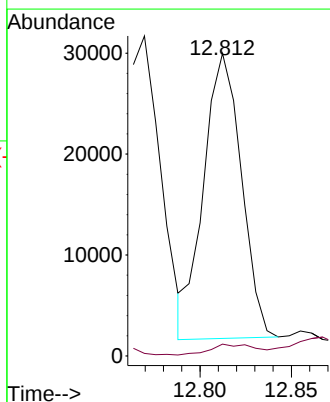
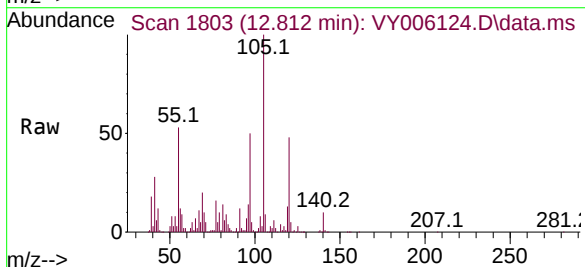


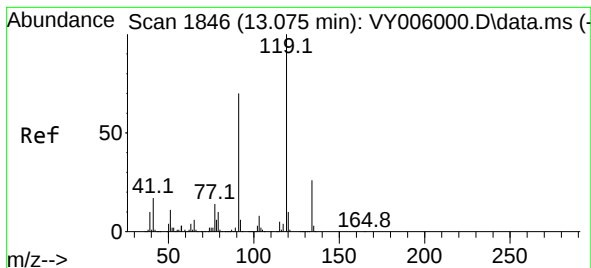
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
53 871.3 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 42.412 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 91 Resp: 40552
Ion Ratio Lower Upper
91 100
126 4.5 17.0 51.0#

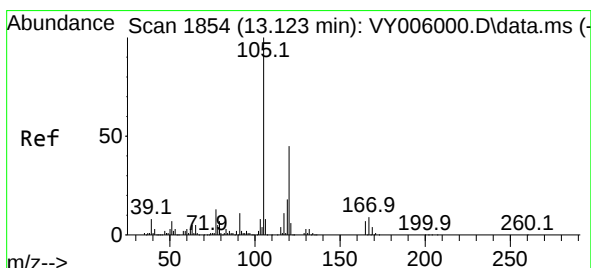
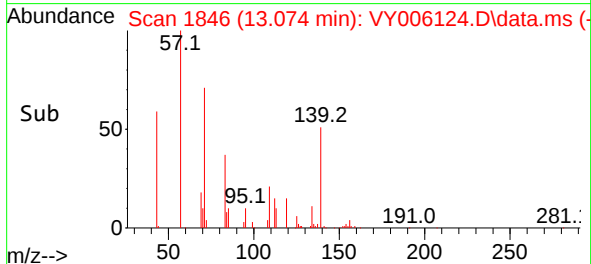
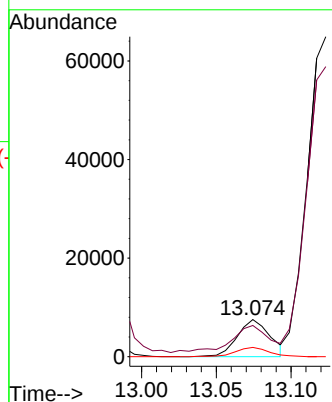
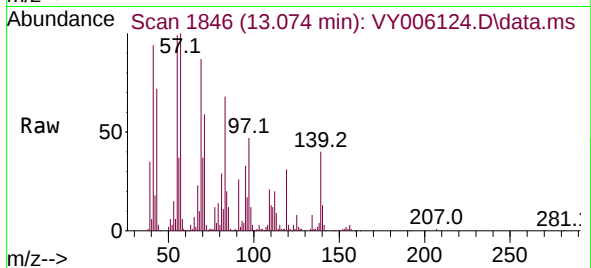




#83
tert-Butylbenzene
Concen: 11.647 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

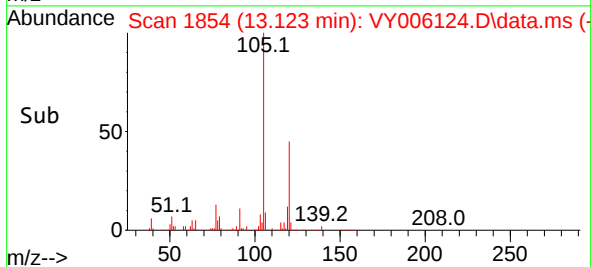
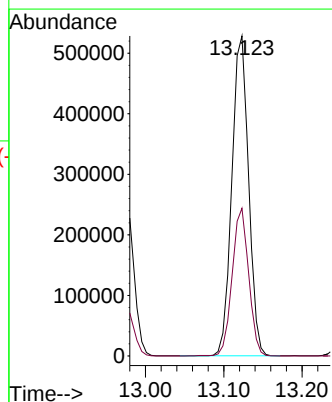
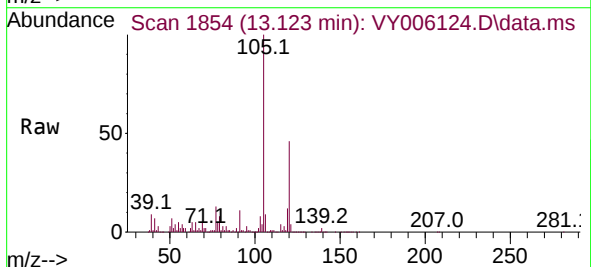
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

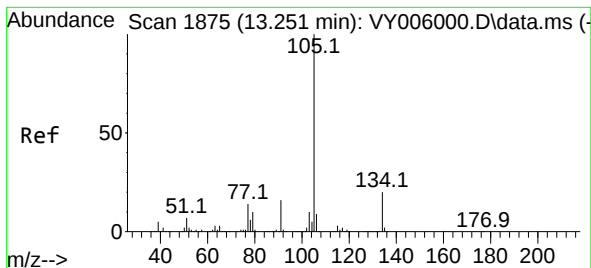
Tgt Ion:119 Resp: 11360
Ion Ratio Lower Upper
119 100
91 83.0 34.8 104.4
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 690.953 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:105 Resp: 781762
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9

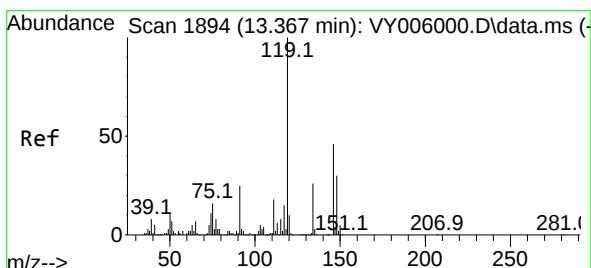
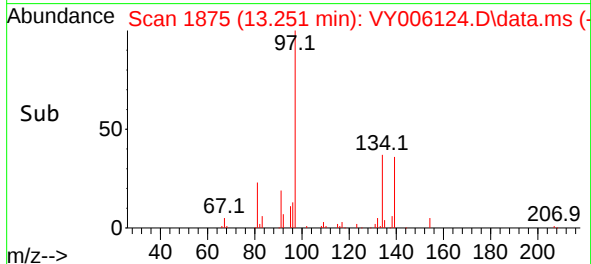
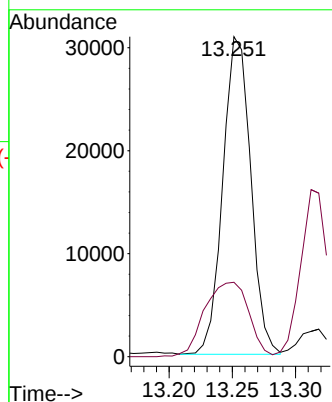
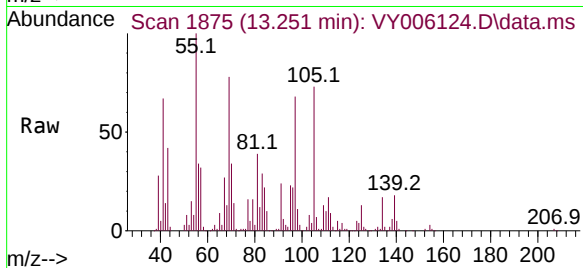




#85
 sec-Butylbenzene
 Concen: 32.357 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY006124.D
 Acq: 23 Sep 2021 15:10

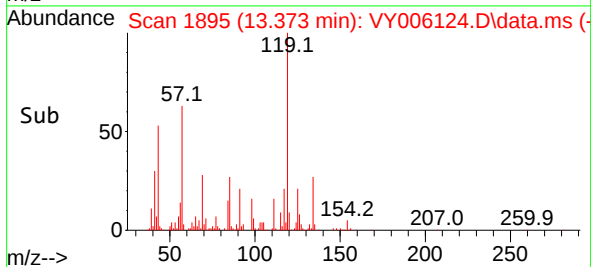
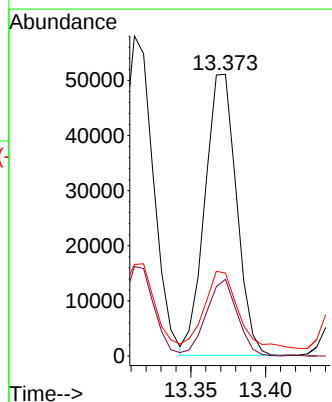
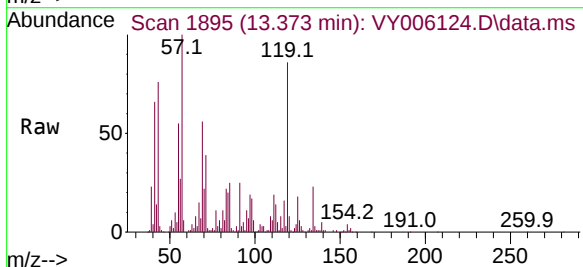
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LPA-01

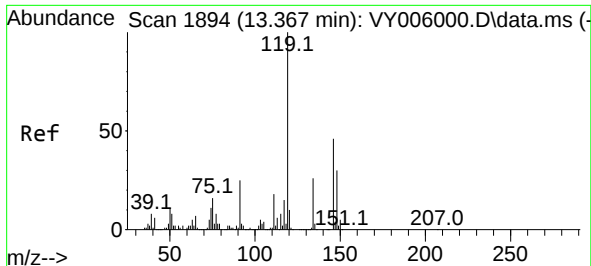
Tgt Ion:105 Resp: 47245
 Ion Ratio Lower Upper
 105 100
 134 37.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 60.235 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY006124.D
 Acq: 23 Sep 2021 15:10

Tgt Ion:119 Resp: 75086
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 29.0 12.4 37.2



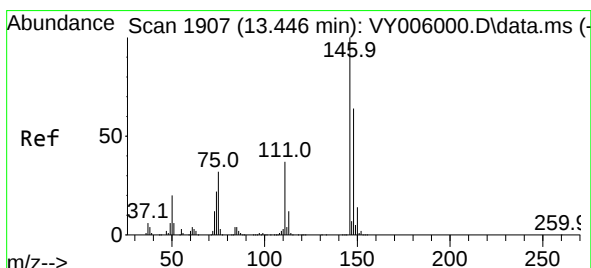
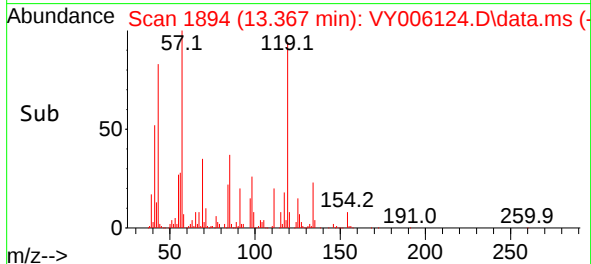
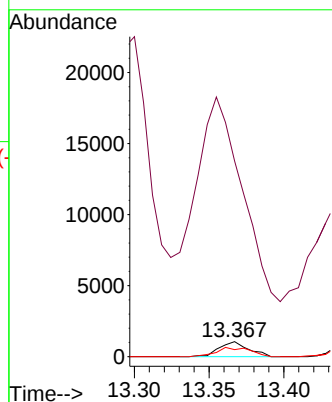
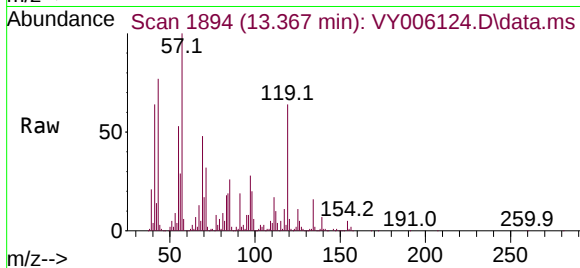


#87

1,3-Dichlorobenzene
Concen: 2.316 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

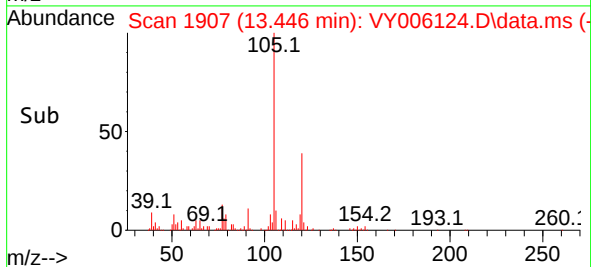
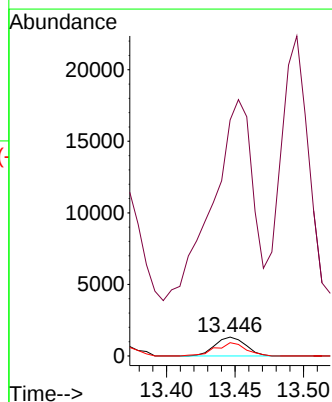
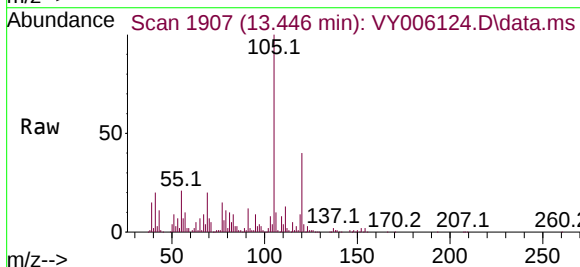
Tgt Ion:146 Resp: 1433
Ion Ratio Lower Upper
146 100
111 2134.5 19.5 58.5#
148 71.0 31.6 95.0

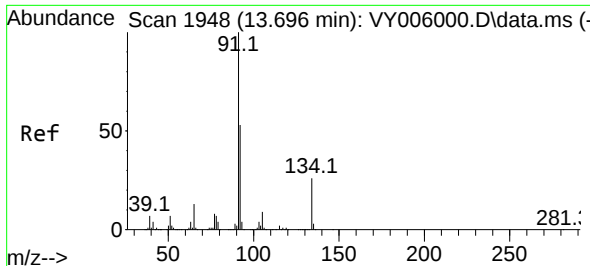


#88

1,4-Dichlorobenzene
Concen: 3.293 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:146 Resp: 2044
Ion Ratio Lower Upper
146 100
111 1391.1 19.3 57.8#
148 69.0 32.6 97.8

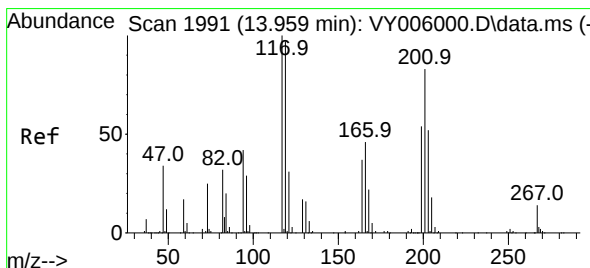
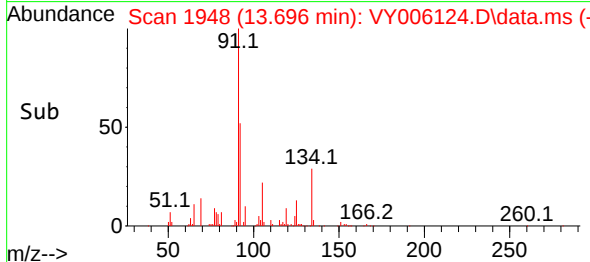
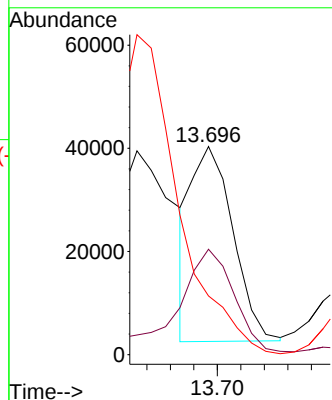
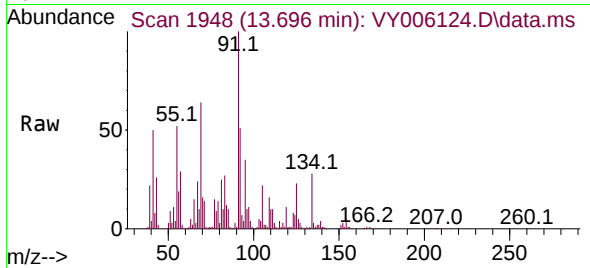




#89
n-Butylbenzene
Concen: 39.854 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

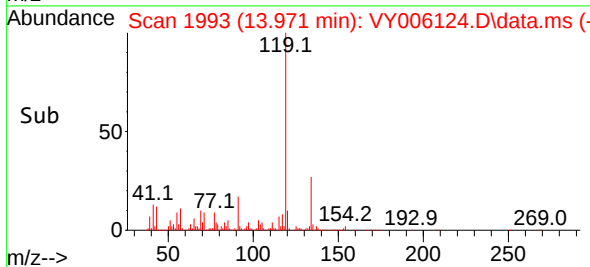
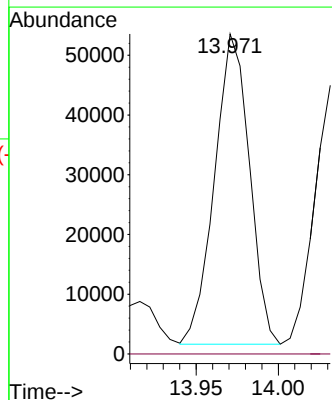
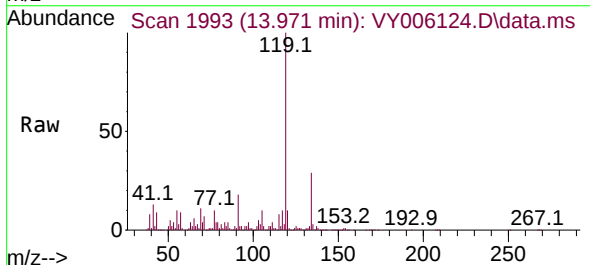
Instrument :
MSVOA_Y
ClientSampled :
SP-LPA-01

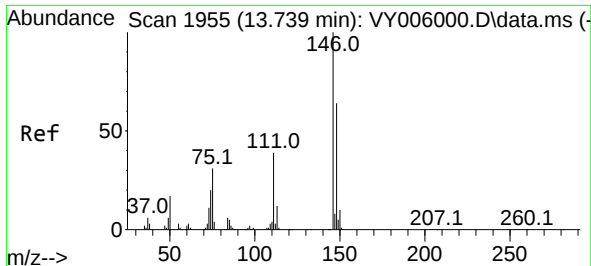
Tgt Ion: 91 Resp: 46457
Ion Ratio Lower Upper
91 100
92 69.6 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 341.756 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 117 Resp: 76665
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

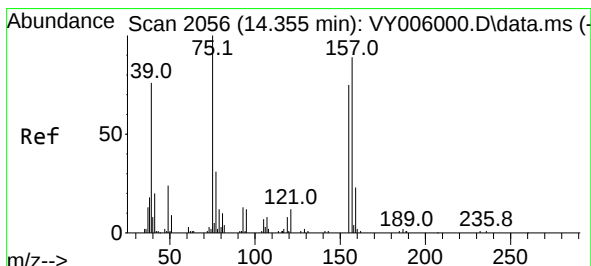
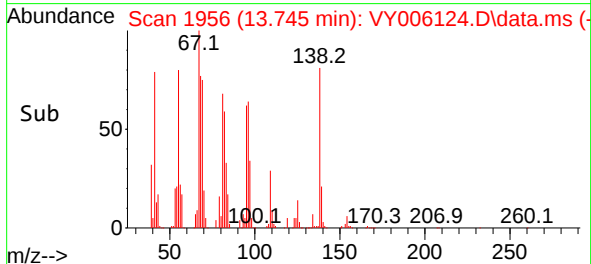
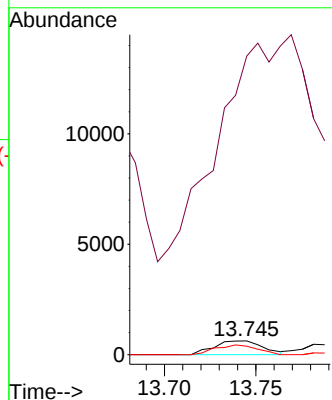
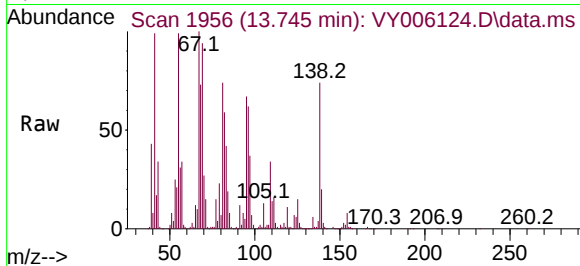




#91
1,2-Dichlorobenzene
Concen: 2.128 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

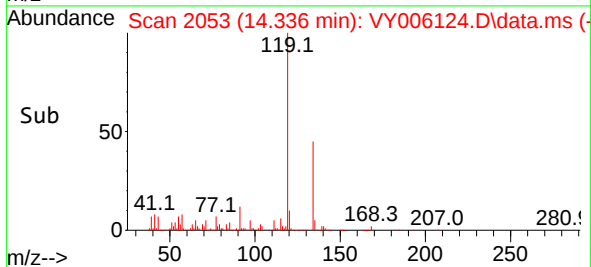
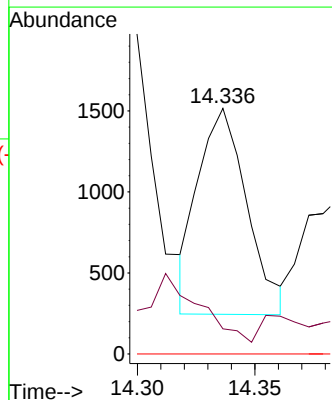
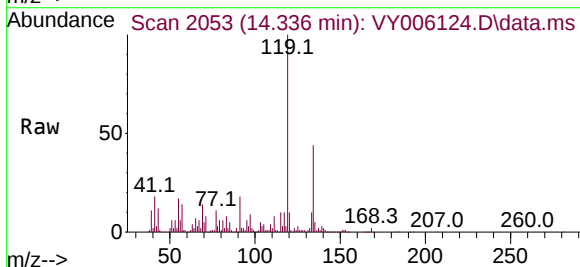
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

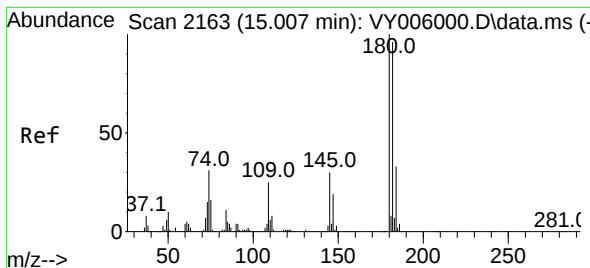
Tgt Ion:146 Resp: 1156
Ion Ratio Lower Upper
146 100
111 1771.3 20.3 60.9#
148 60.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.173 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion: 75 Resp: 1836
Ion Ratio Lower Upper
75 100
155 10.9 38.0 113.9#
157 0.0 47.8 143.3#

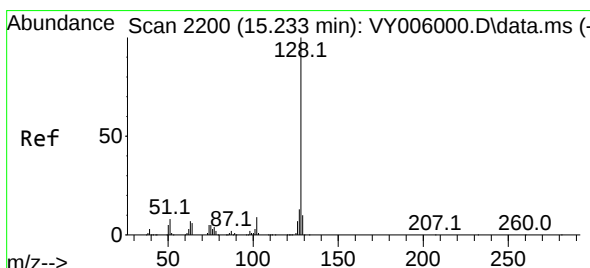
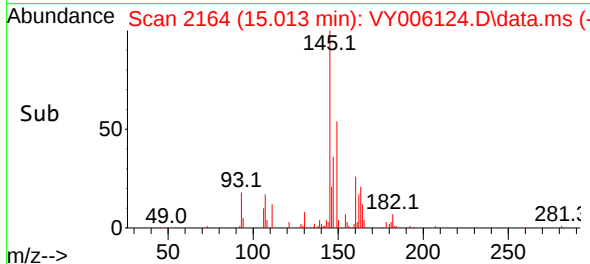
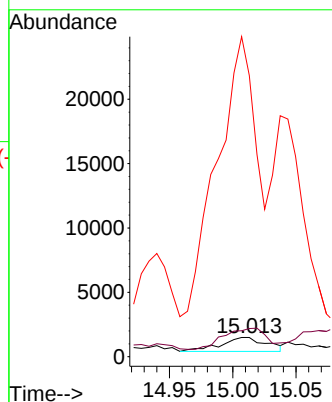
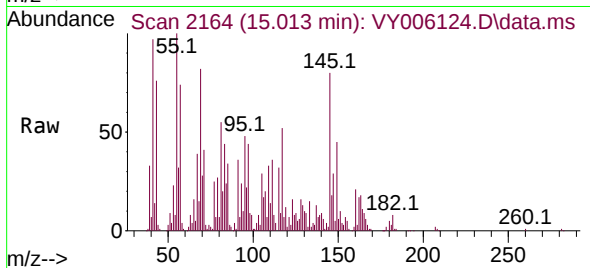




#93
1,2,4-Trichlorobenzene
Concen: 7.787 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

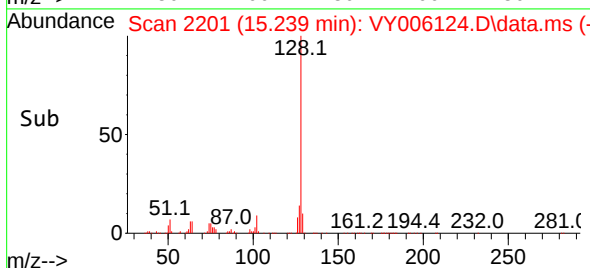
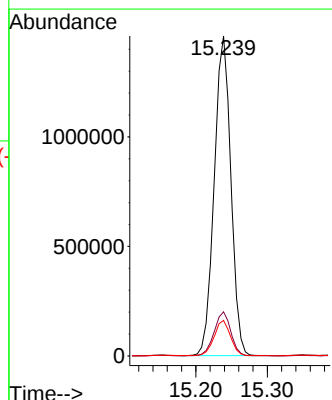
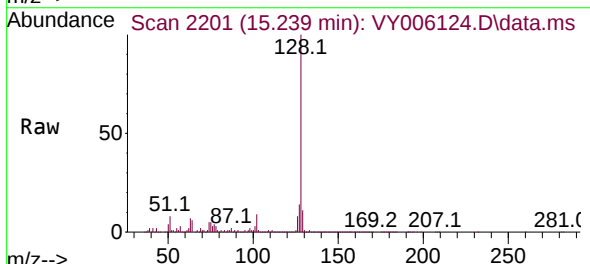
Instrument :
MSVOA_Y
ClientSampleId :
SP-LPA-01

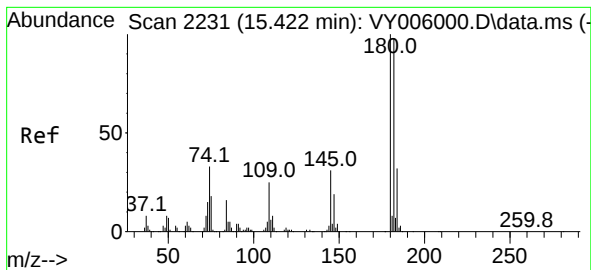
Tgt Ion:180 Resp: 2747
Ion Ratio Lower Upper
180 100
182 142.3 47.3 141.9#
145 2086.0 14.6 43.8#



#95
Naphthalene
Concen: 3356.375 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006124.D
Acq: 23 Sep 2021 15:10

Tgt Ion:128 Resp: 2354778
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 10.9 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 5.954 ug/l
 RT: 15.440 min Scan# 2234
 Delta R.T. 0.018 min
 Lab File: VY006124.D
 Acq: 23 Sep 2021 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LPA-01

Tgt Ion:180 Resp: 1820
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 15.3 45.9#

